

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 71

WELL NAME: SEVING RIVER T NSB Ld: NSB Sec: NSB Tw: NSB Rge: NSB W: NSB Contractor: NSB Month: March Day: 18 1971

1st Tour From: 12:00 Midnight To: 8:00 a.m.

2nd Tour From: 8:00 a.m. To: 4:00 p.m.

3rd Tour From: 4:00 p.m. To: 12:00 p.m.

DEPTH	From		To		Hole Made	Bit Size	Formation
	Stand	Singles	Stand	Singles			
Size-D.P.	Stand	Singles	Stand	Singles	Kelly	Drill. Collar Ft.	Core Bbl. Ft.
DRILLING STRING	DRILL Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL DRILLING STRING	DRILL COLLARS	
COLLAR	DATA						
NO.	Type	Time On Bit	Footage	WOB	RPM	Depth Pulled	Total Footage Drilled
BIT RECORD	Bit Serial No.	Jet	Conventional				
NOZZLE SIZE	Bit Wear: T	B	G				
CONVEYERS	Depth	NOZZLE SIZE	Bit Wear: T	B	G		
MUD RECORD	Time	Visc.	WT.	W L	pH	ADDITIVES - POUNDS	
PLUG	FOR	PLUG #3	TOP OF				
PLUG	FOR	PLUG #3	TOP OF				
COOKING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	
DETAIL	W.O.C.	12:05	3:00	3:00			
OPERATIONS	FEEL FOR PLUG KEY						
AND	DOWN PIPE, KELLY						
REMARKS	RIG OUT						
	DRILLER: <u>R. M. Moore</u>						
	DRILLER: <u>R. M. Moore</u>						
	DRILLER: <u>R. M. Moore</u>						

CLASSES OF TIME BREAKDOWN
 TOC: W.C. DRILLING MUD: W.C. DRILLING LOGGING: W.C. DRILLING RIG MAINTENANCE: W.C. DRILLING REMAINING CLEANING: W.C. DRILLING DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY? YES NO

Total Contract Time: 12:00 hrs. Total Company Time: 12:00 hrs. Toolpusher: R. M. Moore Approved by: R. M. Moore

WELL NAME **ICE SPRING RIVER N 58** Imperial Oil Limited DAILY DRILLING REPORT No. **18**
 1st Tour From: **12:00** Midnight To: **8:00** a.m. 2nd Tour From: **8:00** a.m. To: **4:00** p.m. 3rd Tour From: **4:00** p.m. To: **12:00** p.m.
 Lsd. Sec. Twn. Rge. W. Contractor **ICE RIG #3** Month **MARCH** Day **15** 1977

DEPTH	1st Tour From: 12:00 Midnight To: 8:00 a.m.			2nd Tour From: 8:00 a.m. To: 4:00 p.m.			3rd Tour From: 4:00 p.m. To: 12:00 p.m.											
	From	To	Hole Made	Bit Size	Formation	From	To	Hole Made	Bit Size	Formation	From	To	Hole Made	Bit Size	Formation			
7609						7					7609							
	Size-D.P.	Stands	Singles	Kelly	Drill. Collar Ft.	Core Bbl. Ft.	Size-D.P.	Stands	Singles	Kelly	Drill. Collar Ft.	Core Bbl. Ft.	Size-D.P.	Stands	Singles	Kelly	Drill. Collar Ft.	Core Bbl. Ft.

DRILLING STRING	DRILL Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILLING STRING		DRILL COLLARS	
						DRILLING STRING	DRILL COLLARS	DRILLING STRING	DRILL COLLARS
DATA									
No.	Type	Time On Bit	Footage	WOB	RPM	Depth Pulled	Total Footage Drilled	Remained	

BIT RECORD	Bit Serial No.	Nozzle Size	Deviation	Bit Wear		Jet	Conventional
				T	B		

SLUSH PUMP RECORD No. 1 No. 2	Depth	HOURS	Pump Press	Length of Pump Stroke	Strokes Per Min.	Liner Size	ADDITIVES — POUNDS	
							Time	Visc.

MUD RECORD	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery

CORING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	From To Hrs.	

DETAIL OF OPERATIONS AND REMARKS	From To Hrs.	
	LOGGING	8:00 - 8:00
LOGGING CORE SLICER	8:00 - 8:00	
D.P. METER.	4:00 - 4:00	

Driller: **A. Sanchez** **A. J. ...** **Alfonso ...**

CLASSES OF TIME BREAKDOWN
 HEADING UP & DRUG. OUT: CASING: LOGGING: RIG MAINTENANCE: REAMING CLEANING:
 FISHING: W.O. ORDERS: MISCELLANEOUS: WORKING PIPE:
 CIRCULATING: CORING: D.S. TESTING: RIG REPAIRS: CONDITION HOLE: LOST/CIRC.:
 DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY? YES NO

Total Contract Time: hrs. Total Company Time: hrs. Toolpusher: **John A. McClellan** Approved by:

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 55

WELL NAME: **106 SPRING RIVER N 55** Lst Sec. Twp. Rge. Contractor: **Joe Rice** Month: **March** Day: **12** 19**71**

1st Tour From: **12:00** Midnight To: **8:00** a.m.

2nd Tour From: **8:00** a.m. To: **4:00** p.m.

3rd Tour From: **4:00** p.m. To: **12:00** p.m.

DEPTH	From		To		Hole Made	Bit Size	Formation
	6817	6871	6871	6871			
6817	6871	6871	6871	6871	5 1/2	9 1/2	CONCRETE 1340
6871	6871	6871	6871	6871	5 3/4	9 1/2	CONCRETE 1340
6871	6871	6871	6871	6871	5 3/4	9 1/2	CONCRETE 1340

DRILLING STRING	COLLAR	No.	Type	Time On Bit	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILL COLLARS
DATA	2 1/2	26	6 3/4	28	7829	1 7/8	67 1/2	1084	9 1/2
DATA	2 1/2	26	6 3/4	28	7829	1 7/8	67 1/2	1084	9 1/2

BIT RECORD	No.	Type	Time On Bit	WOB	RPM	Depth	Total Footage	Drilled	Reamed
BIT	RR18 M88	6 3/4	54	3335	45	104	7		
BIT	RR18 M88	6 3/4	54	3335	45	104	7		

SLUSH PUMP RECORD	No.	Type	Time On Bit	WOB	RPM	Depth	Total Footage	Drilled	Reamed
SLUSH PUMP	RR18 M88	6 3/4	54	3335	45	104	7		

M.W. RECORD	Time	Visc.	Wt.	W L	pH	ADDITIVES - POUNDS
M.W.	12:00	50	9.2	9.5	GEL	1500
M.W.	5:00	58	9.2	10.0	KELZAN	150
M.W.	6:00	53	9.2	9.8	CHROME ALUM	30
M.W.	6:53	53	9.2	9.8	PLASTER	50

CORING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery
CORING						

DETAIL OF OPERATIONS AND REMARKS	From	To	Hrs.
DRILLING	12:00	3:00	3
DRILLING	3:00	3:50	1/2
DRILLING	3:50	4:42	1/2
DRILLING	4:42	5:00	1/2
DRILLING	5:00	5:52	52
DRILLING	5:52	6:00	8
DRILLING	6:00	6:53	53
DRILLING	6:53	7:00	7

CLASSES OF TIME BREAKDOWN	UP & DRUG OUT:	FISHING:	CIRCUITING:	CONDITIONING MUD:	TRIPPING:	CORING:	CASING:	W.O.C.	LOGGING:	RIG MAINTENANCE:	MISCELLANEOUS:	REPAIRS:	REMAINING CLEANING:	WORKING PIPE:	LOST CATCH:	APPROVED BY:
CLASSES OF TIME BREAKDOWN	UP & DRUG OUT:	FISHING:	CIRCUITING:	CONDITIONING MUD:	TRIPPING:	CORING:	CASING:	W.O.C.	LOGGING:	RIG MAINTENANCE:	MISCELLANEOUS:	REPAIRS:	REMAINING CLEANING:	WORKING PIPE:	LOST CATCH:	APPROVED BY:

Driller: **Blair G. Gapp**
 Driller: **Bl. Rice**
 Driller: **Bl. Rice**

Total Contract Time: hrs. Total Company Time: hrs. Toolpusher: **Blair G. Gapp** Approved by: **Bl. Rice**

DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY? YES..... NO.....

WELL NAME: **JOE SPRING RIVER N55** Imperial Oil Limited
 1st Tour From: **12:00** Midnight To: **8:00** a.m.
 2nd Tour From: **8:00** a.m. To: **4:00** p.m.
 3rd Tour From: **4:00** p.m. To: **12:00** p.m.
 Contractor: **JOE RICE** Month: **MARCH** Day: **11** 1971
 DAILY DRILLING REPORT No. **64**

DEPTH	From	To	Hole Made	Bit Size	Formation	From	To	Hole Made	Bit Size	Formation	From	To	Hole Made	Bit Size	Formation
6760	6705	5	8 1/2	15 STAR 705		6755	6707	2	8 1/2	15 STAR 705	6717	6817	50	9 1/2	15 STAR 705

DRILLING STRINGS	DRILL	Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILLING STRING	DRILL COLLARS
COLLAR	25	684258	14477				168 M.	63 M.
DATA								

BIT RECORD	Bit Serial No.	Jet	Conventional	Bit Serial No.	Jet	Conventional	Bit Serial No.	Jet	Conventional
	EC11925		<input type="checkbox"/>	EC11925		<input type="checkbox"/>	308849		<input type="checkbox"/>
	RR9		<input type="checkbox"/>	RR9		<input type="checkbox"/>	RR9		<input type="checkbox"/>

NOZZLES	Depth	H O U R S	Pump Press	Length of Pump Stroke	Strokes Per Min.	Liner Size	Depth	H O U R S	Pump Press	Length of Pump Stroke	Strokes Per Min.	Liner Size
	6750						6730					
	6750	9.3	9.5	SPARION-1500			6760	9.3	9.4			

MUD RECORD	Time	Visc.	Wt.	W L	pH	ADDITIVES - POUNDS	Time	Visc.	Wt.	W L	pH	ADDITIVES - POUNDS
	4:00	52	9.3				6:00	54	9.2			9.2 KILGAN-50
	6:00	54	9.3				8:00	52	9.2			9.4 CAUSTIC-100

CORING	Core No.	Depth In	Feetage	Hours Run	Depth Out	Recovery	Core No.	Depth In	Feetage	Hours Run	Depth Out	Recovery
	9	6760	5	3 3/4			9	6760	1	4 1/2	6767	7

DETAIL OF OPERATIONS AND REMARKS	From	To	From	To	From	To
TRIP OUT TO CORE	12:20	1:25	8:25	9:20	9:25	9:45
CHECK DOOPS	1:25	1:45	9:20	11:20	11:20	11:25
PICK UP CORE BBL.	1:45	1:55	11:20	11:25	11:25	11:30
SERVICE SPME	1:55	2:05	11:25	11:30	11:30	11:35
TRIP IN TO CORE	2:05	2:15	11:35	11:40	11:40	11:45
WORK TO BOTTOM CIRC	2:15	2:30	11:45	11:50	11:50	11:55
CORING	2:30	3:34	11:55	12:00	12:00	12:05

Driller: **Olga Lopez**
 Driller: **St. J. Garcia**
 Driller: **Bob**

HEADING UP & DRAG. OUT: CLASSES OF TIME BREAKDOWN: CASING: LOGGING: RIG MAINTENANCE: REAMING CLEANING: DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY? YES NO

TOTAL CONTRACT TIME: _____ HRS. TOTAL COMPANY TIME: _____ HRS. TOOLTIPSTER: _____ APPROVED BY: _____

WELL NAME **1.0 E. SPRING RIVER N 58** Imperial Oil Limited
 Lst Sec Twn Rge W Contractor **1.0 E. RIG 3** DAILY DRILLING REPORT No. **62**
 Month **MAR** Day **9** 19 **71**

DEPTH	From 6499	To 6529	Hole Made 30	Bit Size 9 1/2	Formation 2 STAYS 1082
	Standards 6529	Singles 30	Kelly 9 1/2	Drill Collar Ft. 2	Core Bbl. Ft. 1082
	Size-D.P. 4 1/2	60	1	5	816 90 2 REMAINS 1340

DRILLING STRING	DRILL Number 2	OD 9 1/2	ID 3 3/8	Length 3861	INDICATOR WEIGHT OF TOTAL 67 M
	COLLAR 26	6 3/4	2 1/4	7829	171 M
	DATA 26	6 3/4	2 1/4	7829	172 M

BIT RECORD	No. RR19	Type M88	Time On Bit 30	Footage 28	WOB 45	RPM 49	Depth Pulled 21	Total Footage Drilled 21
	Bit Serial No. 308215	Jet <input checked="" type="checkbox"/>	Conventional <input type="checkbox"/>	Bit Wear: T..... B..... G.....	Deviation 14°	Depth 79	Strokes Per Min. 674	Liner Size 674

SLUSH PUMP RECORD No. 1	Depth 8	H O U R S On Line 8	Circulating 2000	Pump Press 8 1/2	Length of Pump Stroke 140	Strokes Per Min. 674	Liner Size 674
-------------------------	---------	---------------------	------------------	------------------	---------------------------	----------------------	----------------

SLUSH PUMP RECORD No. 2	Time 7:15	Visc. 56	Wt. 9.2	W L 8	pH 9.3	ADDITIVES - POUNDS 9.3
-------------------------	-----------	----------	---------	-------	--------	------------------------

COILING	Core No. FRIDGE	Depth In TEMP	Footage 1	Hours Run	Depth Out	Recovery
---------	-----------------	---------------	-----------	-----------	-----------	----------

AUD RECORD	Time 12:30	Visc. 55	Wt. 9.2	W L 9.5	pH 6.2	ADDITIVES - POUNDS 1500
	1:30	54	9.2	9.5	6.1	150
	2:30	54	9.2	9.4	6.0	20
	3:30	50	9.2	9.4	6.0	20
	4:30	55	9.2	9.2	6.0	50
	5:30	56	9.2	8	6.0	50

DETAIL OF OPERATIONS AND REMARKS	DRILLING	From 12:00	To 8:00	Hrs. 8
----------------------------------	----------	------------	---------	--------

DRILLER	Bill Rowe
---------	-----------

CLASSES OF TIME BREAKDOWN	LOGGING: W.O. ORDERS, RIG REPAIRS, MISCELLANEOUS, CONDITION TABLE, WORKING DEPT, LOST CIRC.	REMARKING: CLEANING, WORKING DEPT, LOST CIRC.	DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY? YES NO
---------------------------	---	---	---

Total Contract Time hrs. Total Company Time hrs. Toolpusher A, roved by

WELL NAME: **SPRING RIVER VT N58** Lst. Sec. Twn. Rge. W. Contractor: **NA 73** Month: **MARCH** Day: **8** 1971

1st Tour From: **12:00** Midnight To: **8:00** a.m. 2nd Tour From: **8:00** a.m. To: **4:00** p.m. 3rd Tour From: **4:00** p.m. To: **12:00** p.m.

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. **61**

DEPTH	From To		Hole Made	Bit Size	Formation
	6459	6472			
4 1/2	60	2	21	744.77	30.46
DRILLING STRINGS					
DRILL	Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL
COLLAR	25	6 3/4	2 1/8	744.77	30.46
DATA				154 1/2	63 M
BIT RECORD					
Bit Serial No.	E.C.119215		Jet	<input type="checkbox"/> Conventional <input type="checkbox"/>	
Nozzle Size	3-13		Bit Wear: T	B	G
MUD RECORD					
Time	Visc.	Wt.	W L	pH	ADDITIONS - POUNDS
4:00	56	9.2	9	9	CAUSTIC - 100
4:00	56	9.2	9	9	
6:00	56	9.2	9	9	
7:30	56	9.2	9	9	
CORING					
Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery
8	6459	13	5 3/4		
DETAILS OF OPERATIONS AND REMARKS					
TRIP 1/4 CIRCULATE + DROP BALL					
CORING					
FRIDGE TEMP 4°					
Driller: <i>Bill Goppo</i>					

CLASSES OF TIME BREAKDOWN: CASING: W.O.C. MISCELLANEOUS: WORKING: PREVENTER EQUIPMENT TODAY: YES

HEADING UP & DRUG OUT: TOFCO: FISHING: TRIPPING: CORING: LOGGING: W.O. ORDERS: RIG REPAIRS: RIG MAINTENANCE: MISCELLANEOUS: WORKING: PREVENTER EQUIPMENT TODAY: YES

REMAINING: D.S. TESTING: RIG REPAIRS: RIG MAINTENANCE: MISCELLANEOUS: WORKING: PREVENTER EQUIPMENT TODAY: YES

Total Contract Time: hrs. Total Company Time: hrs. Toolpusher: Approved by: *R. Mac & Mac*

WELL NAME **SPRING RIVER N 58**

Imperial Oil Limited

DAILY DRILLING REPORT No. **60**
 LOC RIG 3 Month **MAR** Day **7** 1971

1st Tour From: **12:00** Midnight To: **8:00** a.m.

2nd Tour From: **8:00** a.m. To: **4:00** p.m.

3rd Tour From: **4:00** p.m. To: **12:00** p.m.

DEPTH	From		To		Hole Made	Bit Size	Formation
	6349	6400	6400	6459			
	Stands	6400	6459	13	Kelly	9 1/2	25785
	Singles	51	13	9 1/2	Drill Collar Ft.	25785	1340
	Size-D.P.	51	13	9 1/2	Core Bit Ft.	1032	1340
	Drill	59	2	12	Indicator Weight of Total	816.90	
	Number	9	3	3	Drilling String	169 M	67 M
	OD	9"	9"	9"	Drill Collars	26	64
	ID	8 3/4"	8 3/4"	8 3/4"	DATA	26	64
	Length	7839	7839	7839	No.	19	1788
	WOB	1788	1788	1788	Type	1788	1788
	RPM	1788	1788	1788	Time On Bit	1788	1788
	Depth	1788	1788	1788	Footage	1788	1788
	Pulled	1788	1788	1788	WOB	1788	1788
	Retained	1788	1788	1788	RPM	1788	1788
	Total Footage	1788	1788	1788	Depth	1788	1788
	Drilled	1788	1788	1788	Pulled	1788	1788
	Retained	1788	1788	1788	Retained	1788	1788

SLUSH PUMP RECORD No. 1	From		To		Hole Made	Bit Size	Formation
	6349	6400	6400	6459			
	Stands	6400 <td>6459 <td>13</td> <td>Kelly</td> <td>9 1/2</td> <td>25785</td> </td>	6459 <td>13</td> <td>Kelly</td> <td>9 1/2</td> <td>25785</td>	13	Kelly	9 1/2	25785
	Singles	51	13	9 1/2	Drill Collar Ft.	25785	1340
	Size-D.P.	51	13	9 1/2	Core Bit Ft.	1032	1340
	Drill	59	2	12	Indicator Weight of Total	816.90	
	Number	9	3	3	Drilling String	169 M	67 M
	OD	9"	9"	9"	Drill Collars	26	64
	ID	8 3/4"	8 3/4"	8 3/4"	DATA	26	64
	Length	7839	7839	7839	No.	19	1788
	WOB	1788	1788	1788	Type	1788	1788
	RPM	1788	1788	1788	Time On Bit	1788	1788
	Depth	1788	1788	1788	Footage	1788	1788
	Pulled	1788	1788	1788	WOB	1788	1788
	Retained	1788	1788	1788	RPM	1788	1788
	Total Footage	1788	1788	1788	Depth	1788	1788
	Drilled	1788	1788	1788	Pulled	1788	1788
	Retained	1788	1788	1788	Retained	1788	1788

MUD RECORD	From		To		Hole Made	Bit Size	Formation
	6349	6400	6400	6459			
	Stands	6400 <td>6459 <td>13</td> <td>Kelly</td> <td>9 1/2</td> <td>25785</td> </td>	6459 <td>13</td> <td>Kelly</td> <td>9 1/2</td> <td>25785</td>	13	Kelly	9 1/2	25785
	Singles	51	13	9 1/2	Drill Collar Ft.	25785	1340
	Size-D.P.	51	13	9 1/2	Core Bit Ft.	1032	1340
	Drill	59	2	12	Indicator Weight of Total	816.90	
	Number	9	3	3	Drilling String	169 M	67 M
	OD	9"	9"	9"	Drill Collars	26	64
	ID	8 3/4"	8 3/4"	8 3/4"	DATA	26	64
	Length	7839	7839	7839	No.	19	1788
	WOB	1788	1788	1788	Type	1788	1788
	RPM	1788	1788	1788	Time On Bit	1788	1788
	Depth	1788	1788	1788	Footage	1788	1788
	Pulled	1788	1788	1788	WOB	1788	1788
	Retained	1788	1788	1788	RPM	1788	1788
	Total Footage	1788	1788	1788	Depth	1788	1788
	Drilled	1788	1788	1788	Pulled	1788	1788
	Retained	1788	1788	1788	Retained	1788	1788

CORING	From		To		Hole Made	Bit Size	Formation
	6349	6400	6400	6459			
	Stands	6400 <td>6459 <td>13</td> <td>Kelly</td> <td>9 1/2</td> <td>25785</td> </td>	6459 <td>13</td> <td>Kelly</td> <td>9 1/2</td> <td>25785</td>	13	Kelly	9 1/2	25785
	Singles	51	13	9 1/2	Drill Collar Ft.	25785	1340
	Size-D.P.	51	13	9 1/2	Core Bit Ft.	1032	1340
	Drill	59	2	12	Indicator Weight of Total	816.90	
	Number	9	3	3	Drilling String	169 M	67 M
	OD	9"	9"	9"	Drill Collars	26	64
	ID	8 3/4"	8 3/4"	8 3/4"	DATA	26	64
	Length	7839	7839	7839	No.	19	1788
	WOB	1788	1788	1788	Type	1788	1788
	RPM	1788	1788	1788	Time On Bit	1788	1788
	Depth	1788	1788	1788	Footage	1788	1788
	Pulled	1788	1788	1788	WOB	1788	1788
	Retained	1788	1788	1788	RPM	1788	1788
	Total Footage	1788	1788	1788	Depth	1788	1788
	Drilled	1788	1788	1788	Pulled	1788	1788
	Retained	1788	1788	1788	Retained	1788	1788

DETAIL OF OPERATIONS AND REMARKS	From		To		Hole Made	Bit Size	Formation
	6349	6400	6400	6459			
	Stands	6400 <td>6459 <td>13</td> <td>Kelly</td> <td>9 1/2</td> <td>25785</td> </td>	6459 <td>13</td> <td>Kelly</td> <td>9 1/2</td> <td>25785</td>	13	Kelly	9 1/2	25785
	Singles	51	13	9 1/2	Drill Collar Ft.	25785	1340
	Size-D.P.	51	13	9 1/2	Core Bit Ft.	1032	1340
	Drill	59	2	12	Indicator Weight of Total	816.90	
	Number	9	3	3	Drilling String	169 M	67 M
	OD	9"	9"	9"	Drill Collars	26	64
	ID	8 3/4"	8 3/4"	8 3/4"	DATA	26	64
	Length	7839	7839	7839	No.	19	1788
	WOB	1788	1788	1788	Type	1788	1788
	RPM	1788	1788	1788	Time On Bit	1788	1788
	Depth	1788	1788	1788	Footage	1788	1788
	Pulled	1788	1788	1788	WOB	1788	1788
	Retained	1788	1788	1788	RPM	1788	1788
	Total Footage	1788	1788	1788	Depth	1788	1788
	Drilled	1788	1788	1788	Pulled	1788	1788
	Retained	1788	1788	1788	Retained	1788	1788

TRIP IN HOLE
 WORK TO BOTTOM
 DRILLING
 SURVEY
 DRILLING

From 12:00 To 12:30
 12:30 1:15
 1:15 4:00
 4:00 4:30
 4:30 8:00

Driller: *Bill Rouse*

CLASSES OF TIME BREAKDOWN
 LOGGING: W.O.D. TESTING
 RIG MAINTENANCE: MISCELLANEOUS
 REMAINING CLEARING: WORKING PIPE
 DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 60

WELL NAME: **SPRING RIVER N58** Lsd. Sec. Twp. Rge. W. Contractor: **IOE RIG 3** Month: **MAR** Day: **7** 1971

1st Tour From: **12:00** Midnight To: **8:00** a.m.

2nd Tour From: **8:00** a.m. To: **4:00** p.m.

3rd Tour From: **4:00** p.m. To: **12:00** p.m.

DEPTH	From		To		Hole Made	Bit Size	Formation
	6349	6400	51	9 1/2			
	Stand	4 1/2	59	2	Kelly	816.90	2544
	Singles	11	11	2	Drill Collar Ft.	816.90	1832
	Core Bbl. Ft.						

DRILLING STRING	DRILL	Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILL COLLARS
	COLLAR	2	9"	3"	3861	169 M	67 M
	DATA	26	6 3/4"	2 1/8"	17829	170	67
	No.	Type	Time On Bit	Footage	WOB	RPM	Depth Pulled
	19	M38	1 3/4	26-25	14	112	112

BIT RECORD	Bit Serial No. 308215		Jet	Conventional
	3-13	3-13		
	Nozzle Size	6428 <td>Deviation</td> <td>1/4"</td>	Deviation	1/4"
	Depth	6428 <td></td> <td></td>		

SPEYS	HOURS		Pump Press	Length of Pump Stroke	Strokes Per Min.	Liner Size
	On Line	Circulating				
	6 3/4	2000				

MUD RECORD	Time	Visc.	Wt.	W L	pH	ADDITIVES - POUNDS	
							800
	470	47	9.1	862	2000		
	480	48	9.2	862	2000		
	530	48	9.2	862	2000		
	730	56	9.2	862	2000		

CORING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery

DETAIL OF OPERATIONS AND REMARKS	TRIP IN HOLE	WORK TO BOTTOM	DRILLING SURVEY	DRILLING	From	To	Hrs.
					12:15	1:15	1/2
					4:00	4:30	3/4
					4:30	8:00	3 1/2

Driller: **Bill Rouse** Driller: **Albe Lopez** Driller: **St Rouse**

CLASSES OF TIME BREAKDOWN: CASING: W.O.C. LOGGING: W.O. ORDERS: RIG MAINTENANCE: MISCELLANEOUS: REMAINING CLEANING: WORKING TIME: PREVENTER EQUIPMENT TODAY: YES NO

Total Contract Time: hrs. Total Company Time: hrs. Toolpusher: Approved by:

WELL NAME: **10 E SPAINING RIVER Y1 N58 Lst** Sec: **2** Twp: **3** Rge: **W** W. **134** Contractor: **IMPERIAL OIL LIMITED** DAILY DRILLING REPORT No. **59**

1st Tour From: **12:00** Midnight To: **8:00** a.m. 2nd Tour From: **8:00** a.m. To: **4:00** p.m. 3rd Tour From: **4:00** p.m. To: **12:00** p.m.

Month: **MARCH** Day: **6** 1971

DEPTH	From	To	Hole Made	Bit Size	Formation
6288	6295	1	9 1/2	STARS	7-15
				2 REAMS	13-48
4 1/2	58	1	16	8 1/2	STARS
				2 REAMS	13-48
4 1/2	58	1	16	8 1/2	STARS
				2 REAMS	13-48

DRILLING STRING	DRILL	Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL
		2	9	3	3861	DRILLING STRING
		26	6 3/4	2 1/8	7782 1/2	DRILL COLLARS
		19	M88	1 3/4	7	20-22 4 1/2

BIT RECORD	Bit Serial No.	308215	Jet	Conventional
	Nozzle Size	3-13	T	B
	Depth	6280	Deviation	14 1/2

SLUSH PUMP RECORD	HOURLS	On Line	Circulating	Pump Press Stroke	Length of Pump Stroke	Strokes Per Min.	Liner Size
	13 1/4	1	1	1950	8 1/2	140	6 1/4

MUD RECORD	Time	Visc.	Wt.	W L	pH	ADDITIVES - POUNDS
	6:30	54	9.1	88		
	9:00	50	9.1	9.5	GEL	1000
	11:00	53	9.2	9.0	CHROME ALUM.	20
	3:00	48	9.2	9.5	DRUM B	25
					CAUSTIC	50

CORING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery
	FRIDGE	TEMP D	2			

DETAIL OF OPERATIONS AND REMARKS	From	To	Hrs.
PULL OUT STOP 10 MIN @ D.C.	12:00	1:30	1 1/2
CUT 90 FT LINE	1:30	2:15	3/4
CHANGE STAB CUTTERS + PINS HAMMER	2:15	3:15	1
TRIP IN HOLE REMOVE CASING	3:15	6:00	2 3/4
PROTECTORS	6:00	6:15	1/4
WORK TO BOTTOM	6:15	8:00	1 3/4
DRILLING			
HRS ON JARS	38		

DRILLER	From	To	Hrs.
DRILLER: <i>Bill Rowe</i>			

CLASSES OF TIME BREAKDOWN	CONSTRUCTION MUD	CASING	LOGGING	REPAIRING CLEANING	DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY?
HEADING UP & DRUG. OUT:	W.O.C.	W.O.C.	W.O. ORDERS	WORKING PIPES	YES
DRILLING:	FISHING:	TRIPPING:	RIG REPAIRS:	MISCELLANEOUS:	NO
REMAINING:	CIRCUITING:	CORING:	CONNECTION HOLE:	LOST CIRK:	

Total Contract Time: **12** hrs. Total Company Time: **12** hrs. Toolpusher: **Jackie** Approved by: **Bill Rowe**

WELL NAME: *W. Spring Drive* Imperial Oil Limited
 1st Tour From: 12:00 Midnight To: 8:00 a.m.
 2nd Tour From: 8:00 a.m. To: 4:00 p.m.
 3rd Tour From: 4:00 p.m. To: 12:00 p.m.
 Led: *VT 0.66* Sec: *WAT 3* Tw: *WAT 3* Rge: *WAT 3* Contractor: *WAT 3*
 Month: *MAR 84* Day: *5* 19*74*

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 58

DEPTH	From To		Hole Made	Bit Size	Formation	Core Bbl. Ft.	INDICATOR WEIGHT OF TOTAL	
	Size-D.P.	Stands					Singles	Kelly
6247	6264	17	8 1/2	5 1/2	5:17	5:17	5:17	5:17
4 1/2	57	1	2	2	807.98	30.46	68	68
DRILLING STRING: COLLAR 27 6 3/4 1 1/2 207.99 168 DATA 1 1/2 57 2 2 886.90 10.82 DRILL NUMBER OD ID LENGTH INDICATOR WEIGHT OF TOTAL COLLAR 27 6 3/4 1 1/2 207.99 168 DATA 1 1/2 57 2 2 886.90 10.82								
BIT RECORD	Bit Serial No.	E C 11925		Jet	<input type="checkbox"/>	Conventional	<input type="checkbox"/>	
	Nozzle Size	3-13		Bit Wear:	T	B	G	
SLUSH PUMP RECORD No. 1	HOURS		Deviation		Length of Stroke		Strokes Per Min.	
	On Line	Circulating	Pump Press	Length of Stroke	Per Min.	Liner Size		
MUD RECORD	Time	Visc.	WT.	WL	pH	ADDITIVES - POUNDS		
	12:00	52	9.1	9.5	6.82	500		
CORING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery		
	FRIDGE 7	6245	19	634	6264	19		
DETAIL OF OPERATIONS AND REMARKS	CORING		FROM 12:00 TO 5:30		HRS. 5 1/2			
	CHANGE CORROSION RINGS, SLUG STOP 10 MIN AT DRILL COLLAR		8:00		2 1/2			
HRS ON JARS		79						
DRILLER: <i>Bill Rowe</i>								
CLASSIFICATION OF TIME BREAKDOWN		CONDITIONING MUD: CASING: W.O.C. TESTING: LOGGING: MISCELLANEOUS: RIG MAINTENANCE: REAMING CLEANING: PREVENTER EQUIPMENT TODAY		LOSS OF TIME: W.O. ORDERS: RIG REPAIRS: CONDITION HOLES: LOST CIRC.: WORKING PIPE: PREVENTER EQUIPMENT TODAY		APPROVED BY: <i>Bill Rowe</i>		

HEAD UP & DRUG. OUT: *Bill Rowe*
 DRILLING: *Bill Rowe*
 REMAINING: *Bill Rowe*
 CLASSIFICATION OF TIME BREAKDOWN: *Bill Rowe*
 CONDITIONING MUD: *Bill Rowe*
 CASING: *Bill Rowe*
 W.O.C. TESTING: *Bill Rowe*
 LOGGING: *Bill Rowe*
 MISCELLANEOUS: *Bill Rowe*
 RIG MAINTENANCE: *Bill Rowe*
 REAMING CLEANING: *Bill Rowe*
 PREVENTER EQUIPMENT TODAY: *Bill Rowe*
 LOSS OF TIME: *Bill Rowe*
 W.O. ORDERS: *Bill Rowe*
 RIG REPAIRS: *Bill Rowe*
 CONDITION HOLES: *Bill Rowe*
 LOST CIRC.: *Bill Rowe*
 WORKING PIPE: *Bill Rowe*
 PREVENTER EQUIPMENT TODAY: *Bill Rowe*

Total Contract Time: *12:00* hrs. Total Company Time: *12:00* hrs.
 Approved by: *Bill Rowe*

WELL NAME: **SPRING RIVER VT N58** Imperial Oil Limited
 DAILY DRILLING REPORT No. **56**
 1st Tour From: **12:00** Midnight To: **8:00** a.m.
 2nd Tour From: **8:00** a.m. To: **4:00** p.m.
 3rd Tour From: **4:00** p.m. To: **12:00** p.m.
 Ld. Sec. Tw. Rge. W. Contractor: **IDE RIG 3** Month: **MAR** Day: **5** 1971

DEPTH	From To		Hole Made	Bit Size	Formation
	5950	5957			
5950	5957	7	9 1/2	4495	FORMATION 13.40
5957	5977	40	9 1/2	4495	REMAINING 13.40
5977	5984	7	9 1/2	4495	REMAINING 13.40
5984	6084	100	9 1/2	4495	REMAINING 13.40

DRILLING STRING	COLLAR	No.	Type	Time On Bit	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILLING STRING	DRILL COLLARS		
											DATA	29
77	29	29	6 3/4	274	7	28-35	41	5957	7	10		
77	29	29	6 3/4	274	7	28-35	41	5957	7	10		

MUD RECORD	Time	Visc.	Wt.	W L	pH	ADDITIVES - POUNDS
STARTED	2200	1105	TK	100		
THUSONS 74P	5980	1000				

CORING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery
HRS ON SRS	4634					
REMAINING FROM 5947-5950						
WORK JUNK SUB						
DRILLING						
SLUG PIPE TWICE + TRIP OUT						
THAV OUT HOLE FILLER LINE						
STOP 10 MIN @ D.C.						
LAP DOWN BOTTOM HOLE ASSEMBLY						
PICK UP BOTTOM HOLE ASSEMBLY						

DETAIL OF OPERATIONS AND REMARKS	From	To	Hrs.			
				1900	12:30	12:45
HRS ON SRS 514						
MAKE UP BOTTOM HOLE ASSEMBLY						
TRIP IN HOLE						
REIN TO BOTTOM						
DRILLING						
SURVEY @ 5984, 11 1/2"						
DRILLING						
HRS ON SRS 514						

Driller: **Bill Rowe**
 Driller: **W. H. ...**
 Driller: **W. H. ...**

CLASSES OF TIME BREAKDOWN
 HEADING UP & DRUG OUT: ...
 DRILLING: ...
 REMAINING: ...
 CASING: ...
 LOGGING: ...
 W.O. ORDERS: ...
 MISCELLANEOUS: ...
 CONDITION HOLE: ...
 REMAINING CLEANING: ...
 WORKING PIPE: ...
 PREVENTER EQUIPMENT TODAY: ...

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 55

WELL NAME: **Spring River VTN58** Lst. Sec. Twn. Rge. W. Contractor: **R.G. #3** Month: **Mar** Day: **1** 19 **71**

1st Tour From: **12:00** Midnight To: **8:00** a.m. 2nd Tour From: **8:00** a.m. To: **4:00** p.m. 3rd Tour From: **4:00** p.m. To: **12:00** p.m.

DEPTH	From		Hole Made	Bit Size	Formation	From		Hole Made	Bit Size	Formation	From		Hole Made	Bit Size	Formation				
	5939	5940				5940	5950				5950	5950				5950			
4 1/2	5939	5940	1	8 7/8	JARS 715	4 1/2	5940	5950	10	8 7/8	JARS 715	4 1/2	5950	5950	1	8 7/8	JARS 715		
DRILLING STRING	Stand	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	DRILL	Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILL	Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL		
COLLAR	28	6 1/2	28	63.53	30.46	COLLAR	28	6 1/2	27.8	63.53	30.46	COLLAR	28	6 1/2	27.8	63.53	30.46		
DATA						DATA						DATA							
BIT RECORD	No.	Type	Time On Bit	Footage	WOB	RPM	Depth Pulled	Drilled	Retained	Total Footage	Bit Serial No.	Feet	Bit Serial No.	Feet	Bit Serial No.	Feet	Bit Serial No.	Feet	
NO. 1	RK 6	5	398	15	51	5940	5940	5940	5940	5940	FC1925	11.2	FC1925	11.2	FC1925	11.2	FC1925	11.2	
NO. 2	RK 6	5	574	10	72	5950	5950	5950	5950	5950	FC114.5	9.0	FC114.5	9.0	FC114.5	9.0	FC114.5	9.0	
SLUSH PUMP RECORD	On Line	Circulating																	
NO. 1	1 1/2			1175	82	96	6 1/2	5 1/4		1150	8 1/2	95	6 1/4	5 1/4					
NO. 2	1 1/2																		
AUD RECORD	Time	Visc.	Wt.	W.L.	pH	ADDITIVES - POUNDS	Time	Visc.	Wt.	W.L.	pH	ADDITIVES - POUNDS	Time	Visc.	Wt.	W.L.	pH	ADDITIVES - POUNDS	
	7:00	53	9.1		9.5	Spartan-1200	8:45	50	7.1	9.0		11:30	49	9.1	4.3				
CORING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	
	516	5940	37 1/2	2			6	5940	10	5 1/4	5950								
DETAIL	HRS ON JARS 37 1/2						FRIDGE TEMP 0°	CORING						TRIP OUT					
OPERATIONS AND REMARKS	70% @ 5936							PULL CORE # 6 SLUG PIPE						RECOVER CORE # 6					
	TRIP OUT PUMP 2nd SLUG							REPAIR LINKS + COTTER KEYS						SERVICE RIG + CHECK BORE 5 1/2 5 3/4 1/4					
	WAIT 10 MIN D/C CHECK BOPS							IN LOW DRUM CHAIN						CUT 90' LINE					
	SERV. CO. K.G.							TRIP OUT						PICK UP REAMER + CHAMBER 6 1/2					
	PICK UP CORE Bbl													STABILIZER (BENT)					
	TRIP IN HOLE BLOWK 11/4 4 3/4 6 1/2 8 1/4													TRIP IN HOLE					
	CORE DROP BALL													REMAINING FROM 5939-5947					
	CORING																		
	Driller: <i>G. Munk</i>							Driller: <i>P. Rouse</i>						Driller: <i>A. Munk</i>					

HEADING UP & DRUG OUT: CLASSES OF TIME BREAKDOWN: CASING: LOGGING: REMAINING CLEANING: DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY?

TOOLPUSHER: *W. O. Munk*

APPROVED BY: *W. O. Munk*

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 54

WELL NAME: **SPRM G RIVER YIN 58**

1st Tour From: **12:00** Midnight To: **8:00** a.m.

2nd Tour From: **8:00** a.m. To: **4:00** p.m.

3rd Tour From: **4:00** p.m. To: **12:00** p.m.

Location: **RIG # 3** Month: **MAX** Day: **1** 1971

DEPTH	From		Hole Made	B. Size	Formation
	To	To			
5028	5228	140	9 3/8	2578	1086
4 1/2	51	34	910.94	3 1/2	301
INDICATOR WEIGHT OF TOTAL DRILL COLLARS					
DRILL COLLAR	Number	ID Length	Drill Collar Ft.	Core Bbl. Ft.	Weight
DATA	29	2 3/8	286.30	166	74
BIT RECORD	Bit Serial No.	6E 739			
	Nozzle Size	2-13-1-12			
KEYS	HOURS		Pump Press	Length of Stroke	Liner Size
	On Line	Circulating			
MUD RECORD	Time	Visc.	WT.	WL	pH
	12:00	54	9.1	9.0	ADDITIONAL POUNDS
CORING	Core No.	Depth In	Footage	Hours Run	Depth Out

DETAIL OF OPERATIONS AND REMARKS	From		Hole Made	B. Size	Formation
	To	To			
DRILLING	12:30	1	4	4.80	3 1/4
DRILLING	1:00	5640	10'	4	4.80
DRILLING	1:30	5713		4	4.80
REMARKS: HRS ON TARS 22 1/2					
DRILLER: <i>[Signature]</i>					

DETAIL OF OPERATIONS AND REMARKS	From		Hole Made	B. Size	Formation
	To	To			
DRILLING	8:00	8:19	4	4.80	3 3/4
DRILLING	8:30	12:30	3 3/4	4.80	3 1/2
DRILLING	12:00	12:30	3 1/2	4.80	3 1/4
DRILLING	1:00	12:30	3 1/4	4.80	3 1/2
DRILLING	1:30	4:00	3 1/2	4.80	3 1/4
REMARKS: HRS ON TARS 30					
DRILLER: <i>[Signature]</i>					

DETAIL OF OPERATIONS AND REMARKS	From		Hole Made	B. Size	Formation
	To	To			
DRILLING	4:50	4:33	1 1/2	4.80	3 1/4
DRILLING	4:30	4:33	1 1/2	4.80	3 1/4
DRILLING	4:30	4:33	1 1/2	4.80	3 1/4
DRILLING	4:30	4:33	1 1/2	4.80	3 1/4
DRILLING	4:30	4:33	1 1/2	4.80	3 1/4
REMARKS: HRS ON TARS 37					
DRILLER: <i>[Signature]</i>					

CLASSES OF TIME BREAKDOWN: CASING: W.O.C. LOGGING: RIG MAINTENANCE: REMAINING CLEANING: DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY?

HEADING UP & DRUG. OUT: W.O. ORDER: WORKING PIPE: MISCELLANEOUS: CONDITON HOLES: LOST CIRCUIT: YES

DRILLING: CIRCUITING: TRIPPING: COOKING: RIG REPAIRS: CONDITON HOLES: LOST CIRCUIT: YES

Total Contract Time: _____ hrs. Total Company Time: _____ hrs. Toolpusher: _____ Approved by: _____

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 53

WELL NAME: **SPRING RIVER V1 W58** Lsd: Sec: Twn: Rge: W: Contractor: **R.G.#3** Month: **Feb** Day: **28** 1971

1st Tour From: **12:00** Midnight To: **8:00** a.m.

2nd Tour From: **8:00** a.m. To: **4:00** p.m.

3rd Tour From: **4:00** p.m. To: **12:00** p.m.

DEPTH	From		To		Hole Made	Bit Size	Formation
	5405	5420	5420	5460			
	Standards	Singles	Kelly	Drill Collar Ft.			
	48	1	22	911.08	30.8	30.8	10.82

DRILLING STRING	COLLAR	No.	Type	Time On Bit	Footage	WOB	RPM	Depth Pulled	Total Footage Drilled	Reamed	INDICATOR WEIGHT OF TOTAL	DRILL COLLARS
	28	19	1	6:34	278	32.69	160					
	DATA											

BIT RECORD	No.	Type	Time On Bit	Footage	WOB	RPM	Depth Pulled	Total Footage Drilled	Reamed	INDICATOR WEIGHT OF TOTAL	DRILL COLLARS
	485	16	415	274	40	56	40	15			

SPEYS	No. 1	No. 2	Nozzle Size	Depth	HOURS	Pump Press	Length of Pump Stroke	Strokes Per Min.	Liner Size	ADDITIVES - POUNDS
	4	1 1/2								

MUD RECORD	Time	Visc.	Wt.	W L	pH	ADDITIVES - POUNDS
	1.00	51	9.1		9.0	
	3.00	47	9.1		9.0	
	5.00	45	9.1		9.0	

CORING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery
	5	5405	54	54	5420	15

DETAIL OF OPERATIONS AND REMARKS	From	To	Hrs.	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery
	TRIP IN TO COR + BLOWKILL 12 1/2	12 1/2	4						
	CLEAN TO BOTTOM DROP BALL	12 1/2	4						
	CORING	12 1/2	6						
	SUB PINE BLOWKILLY TRIP OUT	6	5 1/4						
	WAIT 10 PC	11 1/4	8 1/2						

DETAIL OF OPERATIONS AND REMARKS	From	To	Hrs.	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery
	TRIP OUT	5	14						
	RECOVER CORE	8:30	8:45						
	SERVICE + LAY DOWN CORE BARRER	8:45	9:15						
	TRIP IN HOLE	9:15	11:00						
	REMOVE CASING PROTECTORS	11:00	11:30						
	REPAIR CASING	11:30	11:45						
	REPAIR FROM 5405 TO 5420	11:45	12:30						
	REPAIR FROM 5405 TO 5420	12:30	1:45						
	DRILLING	1:45	4:00						

DETAIL OF OPERATIONS AND REMARKS	From	To	Hrs.	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery
	TRIP OUT	5	14						
	RECOVER CORE	8:30	8:45						
	SERVICE + LAY DOWN CORE BARRER	8:45	9:15						
	TRIP IN HOLE	9:15	11:00						
	REMOVE CASING PROTECTORS	11:00	11:30						
	REPAIR CASING	11:30	11:45						
	REPAIR FROM 5405 TO 5420	11:45	12:30						
	REPAIR FROM 5405 TO 5420	12:30	1:45						
	DRILLING	1:45	4:00						

DETAIL OF OPERATIONS AND REMARKS	From	To	Hrs.	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery
	TRIP OUT	5	14						
	RECOVER CORE	8:30	8:45						
	SERVICE + LAY DOWN CORE BARRER	8:45	9:15						
	TRIP IN HOLE	9:15	11:00						
	REMOVE CASING PROTECTORS	11:00	11:30						
	REPAIR CASING	11:30	11:45						
	REPAIR FROM 5405 TO 5420	11:45	12:30						
	REPAIR FROM 5405 TO 5420	12:30	1:45						
	DRILLING	1:45	4:00						

DETAIL OF OPERATIONS AND REMARKS	From	To	Hrs.	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery
	TRIP OUT	5	14						
	RECOVER CORE	8:30	8:45						
	SERVICE + LAY DOWN CORE BARRER	8:45	9:15						
	TRIP IN HOLE	9:15	11:00						
	REMOVE CASING PROTECTORS	11:00	11:30						
	REPAIR CASING	11:30	11:45						
	REPAIR FROM 5405 TO 5420	11:45	12:30						
	REPAIR FROM 5405 TO 5420	12:30	1:45						
	DRILLING	1:45	4:00						

DETAIL OF OPERATIONS AND REMARKS	From	To	Hrs.	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery
	TRIP OUT	5	14						
	RECOVER CORE	8:30	8:45						
	SERVICE + LAY DOWN CORE BARRER	8:45	9:15						
	TRIP IN HOLE	9:15	11:00						
	REMOVE CASING PROTECTORS	11:00	11:30						
	REPAIR CASING	11:30	11:45						
	REPAIR FROM 5405 TO 5420	11:45	12:30						
	REPAIR FROM 5405 TO 5420	12:30	1:45						
	DRILLING	1:45	4:00						

Driller: **A. Williams**
 Driller: **W. J. Brown**
 Driller: **A. Williams**

CLASSES OF TIME BREAKDOWN: MUD: CASING: W.O.C: D.S. TESTING: LOGGING: RIG MAINTENANCE: REMAINING CLEANING: TOPTCO: W.O. ORDERS: MISCELLANEOUS: WORKING PIPES: PREVENTER EQUIPMENT TODAK: FISHING: CIRCUITING: CORING: RIG REPAIRS: CONDICTION HOLE: LOST CIRC: YES NO

Total Contract Time: _____ hrs. Total Company Time: _____ hrs. Toolpusher: _____ Approved by: _____

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 42

WELL NAME: **SPRING RIVER Y T N 58** 1st Tour From: **12:00** Midnight To: **8:00** a.m. 2nd Tour From: **8:00** a.m. To: **4:00** p.m. 3rd Tour From: **4:00** p.m. To: **12:00** p.m.

Location: **WAT 3** Month: **Feb** Day: **22** 19**71**

DEPTH	From	To	Hole Made	Bit Size	Formation	Core Bbl. Ft.
4400	4400	4420	20	8 1/2	2578	10.82
4420	4435	15	9 1/2	2578	2578	11.09

DRILLING STRING	COLLAR	DRILL	Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILL COLLARS
42	38	1	28	2 3/8	2 3/8	748.06	3142	10.82
42	38	1	8	2 3/8	2 3/8	748.06	3142	10.82

BIT RECORD	Bit Serial No.	Jet	Conventional
RR3	EC11925	<input type="checkbox"/>	<input type="checkbox"/>
RR3	EC11925	<input type="checkbox"/>	<input type="checkbox"/>
RR3	FE932	<input type="checkbox"/>	<input checked="" type="checkbox"/>

NOZZLES	Depth	HOURLS	Deviation
4420	4420	20	17°

MUD RECORD	Time	Visc.	Wt.	W.L.	pH	ADDITIVES — POUNDS
4400	47	9.1	9.0	9.0	9.0	Spaction - 1.000 #

CORING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery
3	4400	20	64	4420	4420	20

DETAIL OF OPERATIONS AND REMARKS	From	To	Hrs.
TRIP OUT	12:00	12:30	2
PRESSURE TEST BOP	12:30	12:30	0
SYSTEM TO 2000 PSI	12:30	12:30	0
Hold OK, Blow out lines	12:30	12:30	0
And fill same with diesel fuel	12:30	12:30	0
PICK UP CORE BALL TRIP IN	12:30	12:30	0
CIRC DROP BALL	12:30	12:30	0
CORING	12:30	12:30	0

DETAIL OF OPERATIONS AND REMARKS	From	To	Hrs.
TRIP OUT	8:25	8:45	2
60T W/AT 1000W DQ	8:45	9:15	3
CHECK HYDRIL + PIPE RAMMS	9:15	9:15	0

DETAIL OF OPERATIONS AND REMARKS	From	To	Hrs.
MAX GAS S. D. 25%	4:00	4:15	1/4
TRIP OUT	4:15	4:45	3/4
RECOVER CORE	4:45	5:15	1/2
LAY DOWN CORE BARREL	5:15	5:30	1/4
SERVICE RIG CHECK RAMMS	5:30	5:45	1/4
CHANGE STAGS - PICK UP BIT +	5:45	5:45	0
BIT REMOVER + JARS	7:00	7:00	0
TRIP IN	7:00	7:15	1/4
FIELD SHEET - WORK TO BOTTOM	7:15	7:30	1/4
REMAINING 590M 4400 - 44200	7:30	10:30	3
SURVEY	10:30	10:30	0
DRILLING	10:30	12:00	1 1/2

Driller: *A. MacLean* Driller: *C. Stewart* Driller: *Phil Rowe*

CLASSES OF TIME BREAKDOWN: CASING: W.O. TESTING: LOGGING: RIG MAINTENANCE: BEARING CLEANING: DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY?

HEADING UP & DRUG. OUT: TOPTCO: CONDITIONING MUD: W.O. TESTING: RIG MAINTENANCE: BEARING CLEANING: YES NO

Total Contract Time: hrs. Total Company Time: hrs. Toolpusher: *John James* Approved by:

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 45

WELL NAME: **SPRING RIVER Y T NSB** Lst. Sec. Twn. Rge. W. Contractor: **NR-3** Month: **Feb** Day: **20** 1971

1st Tour From: **12:00** Midnight To: **8:00** a.m.

2nd Tour From: **8:30** a.m. To: **4:00** p.m.

3rd Tour From: **4:00** p.m. To: **12:00** p.m.

DEPTH	From		To		Hole Made	Bit Size	Formation
	Size-D.P.	Sands	Singles	Shells			
4018	4018	4064	46	92	3 STABS	1088	2 REMAINERS 1108
41	33	1	14	838 47	JARS 700		
42	34	2	20	838.47	JARS 700		

DRILLING STRING	COLLAR	No.	Type	Time On Bit	Footage	WOB	RPM	Depth Pulled	Total Footage Drilled	Reamed	INDICATOR WEIGHT OF TOTAL	DRILL COLLARS
DRILL	2	9	3	60.41	778.06	130	64 M					
DATA	26	6 3/4	2 1/8	778.06	130	64 M						

BIT RECORD	No.	Type	Time On Bit	Footage	WOB	RPM	Depth Pulled	Total Footage Drilled	Reamed	INDICATOR WEIGHT OF TOTAL	DRILL COLLARS
13	455	72	30-36	40	118						

SURVEYS	Depth	HOURS		Pump Press	Length of Pump Stroke	Strokes Per Min.	Liner Size
		On Line	Circulating				
SLUSH PUMP RECORD No. 1							
No. 2							

MUD RECORD	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	ADDITIVES — POUNDS

CORING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	ADDITIVES — POUNDS

DETAIL OF OPERATIONS AND REMARKS	Driller	From	To	Hrs.

HEAD UP & DRG. OUT: _____ CLASSES OF TAIL BREAKDOWN: _____ CASING: _____ LOGGING: _____ RIG MAINTENANCE: _____ BEAMING CLEANING: _____ DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY? YES _____ NO _____
 DRILLING: _____ FISHING: _____ W.O.C.: _____ W.C.: _____ W.O.C. TESTING: _____ RIG REMAINS: _____ CONDITION: _____ WORKING PIPE: _____ LOST CR.C.: _____
 CIRCULATING: _____ CONING: _____ D.S. TESTING: _____ RIG REMAINS: _____ CONDITION: _____ WORKING PIPE: _____ LOST CR.C.: _____
 Total Contract Time: _____ hrs. Total Company Time: _____ hrs. Toolpusher: _____ Approved by: _____

WELL NAME: **10E SPRING RIVER A-58** Lst. Sec. Tw. Re. W. Contractor: **IMPERIAL OIL LIMITED**

DATE: **Mar 3 1971** Month: **Feb** Day: **19** Year: **1971**

1st Tour From: **12:00** Midnight To: **8:00** a.m. 2nd Tour From: **8:00** a.m. To: **4:00** p.m. 3rd Tour From: **4:00** p.m. To: **12:00** p.m.

DEPTH	From		To		Hole Made	Bit Size	Formation
	3000	3950	50	95			
	Stand	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.		25785
	4 1/2	32	2	13	838.47	JARS 700	
DRILLING STRING							
DRILL	Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILL COLLARS	
COLLAR	2	9"	3"	6041	12811	64 M	
DATA	26	6 3/4"	2 3/8"	17806	132	64 M	
No.	Type	Time On Bit	Footage	WOB	RPM	Depth Pulled	Total Footage Drilled
12	888	28	50	12-16120		363	

DEPTH	From		To		Hole Made	Bit Size	Formation
	3950	4400	52	95			
	Stand	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.		25785
	4 1/2	33	1	24	838.47	JARS 200	
DRILLING STRING							
DRILL	Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILL COLLARS	
COLLAR	2	9"	3"	6041	132	64 M	
DATA	26	6 3/4"	2 3/8"	17806	132	64 M	
No.	Type	Time On Bit	Footage	WOB	RPM	Depth Pulled	Total Footage Drilled
RR12	588	345	52	16-12123		415	

DEPTH	From		To		Hole Made	Bit Size	Formation
	4400	4018	16	9 1/2			
	Stand	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.		25785
	4 1/2	33	1	8	838.47	JARS 700	
DRILLING STRING							
DRILL	Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILL COLLARS	
COLLAR	2	9"	3"	6041	132	64 M	
DATA	26	6 3/4"	2 3/8"	17806	132	64 M	
No.	Type	Time On Bit	Footage	WOB	RPM	Depth Pulled	Total Footage Drilled
RR12	588	37 1/2	12	124	4018	431	

DEPTH	From		To		Hole Made	Bit Size	Formation
	4018	4013	5	5			
	Stand	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.		25785
	4 1/2	33	1	8	838.47	JARS 700	
DRILLING STRING							
DRILL	Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILL COLLARS	
COLLAR	2	9"	3"	6041	132	64 M	
DATA	26	6 3/4"	2 3/8"	17806	132	64 M	
No.	Type	Time On Bit	Footage	WOB	RPM	Depth Pulled	Total Footage Drilled
RR12	588	37 1/2	12	124	4018	431	

DEPTH	From		To		Hole Made	Bit Size	Formation
	4013	4013	5	5			
	Stand	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.		25785
	4 1/2	33	1	8	838.47	JARS 700	
DRILLING STRING							
DRILL	Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILL COLLARS	
COLLAR	2	9"	3"	6041	132	64 M	
DATA	26	6 3/4"	2 3/8"	17806	132	64 M	
No.	Type	Time On Bit	Footage	WOB	RPM	Depth Pulled	Total Footage Drilled
RR12	588	37 1/2	12	124	4018	431	

HEADING UP & DRUG. OUT: TOGGLE CONDITIONING MUD: CASING: W.O.C. LOGGING: W.O. ORDERS: RIG MAINTENANCE: REMAINING CLEANING: DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY? YES NO

HEADING DOWN: TOGGLE CONDITIONING MUD: CASING: W.O.C. LOGGING: W.O. ORDERS: RIG MAINTENANCE: REMAINING CLEANING: DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY? YES NO

HEADING UP & DRUG. OUT: TOGGLE CONDITIONING MUD: CASING: W.O.C. LOGGING: W.O. ORDERS: RIG MAINTENANCE: REMAINING CLEANING: DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY? YES NO

HEADING DOWN: TOGGLE CONDITIONING MUD: CASING: W.O.C. LOGGING: W.O. ORDERS: RIG MAINTENANCE: REMAINING CLEANING: DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY? YES NO

HEADING UP & DRUG. OUT: TOGGLE CONDITIONING MUD: CASING: W.O.C. LOGGING: W.O. ORDERS: RIG MAINTENANCE: REMAINING CLEANING: DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY? YES NO

HEADING DOWN: TOGGLE CONDITIONING MUD: CASING: W.O.C. LOGGING: W.O. ORDERS: RIG MAINTENANCE: REMAINING CLEANING: DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY? YES NO

REMARKS: HRS ON JARS 414
 Driller: *A. H. ...*
 Driller: *A. ...*
 Driller: *Bill ...*

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 40

WELL NAME **LOE SPRING RIVER Y.T. N. 68. 69 - 10 E 8 13.8 30.30** Twp. **13.8 30.30** Rge. **W** Contractor **Rel. 73** Month **Feb.** Day **15** 1974

1st Tour From: **12:00** Midnight To: **8:00** a.m. 2nd Tour From: **8:00** a.m. To: **4:00** p.m. 3rd Tour From: **4:00** p.m. To: **12:00** p.m.

DEPTH	1st Tour From: 12:00 Midnight To: 8:00 a.m.				2nd Tour From: 8:00 a.m. To: 4:00 p.m.				3rd Tour From: 4:00 p.m. To: 12:00 p.m.						
	From	To	Hole Made	Bit Size	From	To	Hole Made	Bit Size	From	To	Hole Made	Bit Size			
3077	3178	101	9 1/2	5 STAMPS. 11009	3178	3347	169	9 1/2	3347	3459	111	9 1/2			
4 1/4	26	—	28	703.87	4 1/4	27	2	15	4 1/4	29	—	20			
INDICATOR WEIGHT OF TOTAL				INDICATOR WEIGHT OF TOTAL				INDICATOR WEIGHT OF TOTAL							
DRILLING STRING	DRILL	Number	OD	ID	Length	DRILL	Number	OD	ID	Length	DRILL	Number	OD	ID	Length
COLLAR	23	6 3/4	2 3/8	682.92	DRILLING STRING	COLLAR	23	6 3/4	2 3/8	682.92	DRILLING STRING	COLLAR	23	6 3/4	2 3/8
DATA	1	8 1/2	2 7/8	14.95	108 M	DATA	1	8 1/2	2 7/8	14.95	110 M	DATA	1	8 1/2	2 7/8
No.	Type	Time On Bit	Footage	WOB	RPM	Depth	Total Footage	Drilled	Remained	No.	Type	Time On Bit	Footage	WOB	RPM
10	4FS	26 1/2	101	32	40	309	10	4FS	34	169	32	45	40	30	478
BIT RECORD				BIT RECORD				BIT RECORD							
Bit Serial No. FE 879				Bit Serial No. FE 879				Bit Serial No. FE 879							
Jet <input checked="" type="checkbox"/> Conventional <input type="checkbox"/>				Jet <input checked="" type="checkbox"/> Conventional <input type="checkbox"/>				Jet <input checked="" type="checkbox"/> Conventional <input type="checkbox"/>							
Nozzle Size 3-1/2 5/2				Nozzle Size 3-1/2				Nozzle Size 3-1/2							

MUD RECORD	ADDITIVES — POUNDS				ADDITIVES — POUNDS				ADDITIVES — POUNDS					
	Time	Visc.	Wt.	W L	pH	Time	Visc.	Wt.	W L	pH	Time	Visc.	Wt.	W L
12:00	52	9.1	9.5	GEL - 1000	9.00	52	9.	9.5	KELZAN - 500	4:00	44	7.1	10.	GEL - 500
2:00	50	9.1	9.5	KELZAN - 100	10:00	52	7.1	10.	GEL - 500	6:00	45	9.1	4.5	Dow B - 25
4:00	47	9.1	9.0	CHEMIE ALUM - 20	12:00	44	9.1	4.5	Dow B - 25	8:00	45	9.1	4.5	Dow B - 25
6:00	45	9.1	9.0	Dow B - 25	CAUSTIC - 50									

CORING	CORING				CORING				CORING									
	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery

DETAIL OF OPERATIONS AND REMARKS	DETAIL OF OPERATIONS AND REMARKS				DETAIL OF OPERATIONS AND REMARKS				DETAIL OF OPERATIONS AND REMARKS							
	From	To	Hrs.	Remarks	From	To	Hrs.	Remarks	From	To	Hrs.	Remarks	From	To	Hrs.	Remarks
DRILLING	12:00	12:15	1/4		DRILLING	8:00	12:30	4		DRILLING	4:00	12:00	4			
TOTCO W.L.	3067	8 1/2	14		TOTCO W.L.	3250	8 1/2	12		TOTCO W.L.	3374	10	6			
BRILLING	12:30	7:00	6 1/2		BRILLING	12:30	4:00	3 1/2		BRILLING	6:00	10:30	4 1/2			
TOTCO W.L.	3160	8 1/2	4 1/2		TOTCO W.L.	7:30	8:00	1/2		TOTCO W.L.	11:30	11	11			
DRILLING	7:30	8:00	1/2		DRILLING	11:30	11	11		DRILLING	11:30	11	11			

Driller: **A. Hernandez** Driller: **A. Hernandez** Driller: **A. Hernandez**

CLASSES OF TIME BREAKDOWN: MUD: CASING: W.O. ORDRS: TRIPPING: CORING: D.S. TESTING: LOGGING: RIG MAINTENANCE: REMAINING CLEANING: DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY? YES NO

Total Contract Time: **12** hrs. Total Company Time: **12** hrs. Poolpusher: **A. Hernandez** Approved by: **A. Hernandez**

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 38

WELL NAME: **10.E. SPRINGS RIVER, XT. A. 5. 8. 6. 1-10 138 30. Tm. 30. Rge. W. Contractor: 10.E. RIG #3. Month: FEB. Day: 13. 1971.**

1st Tour From: 12:00 Midnight To: 8:00 a.m.

2nd Tour From: 8:00 a.m. To: 4:00 p.m.

3rd Tour From: 4:00 p.m. To: 12:00 p.m.

DEPTH	From		To		Hole Made	Bit Size	Formation
	From	To	From	To			
2158	2817	59	9 1/2	3 STARS	11.09	2 STARS	11.09
				1 REBAR	10.82	1 REBAR	10.82
DRILLING STRING	4 1/2	22	1	14	703.87		
COLLAR	23	6 3/4	2 3/4	6 3/4			
DATA	1	8 1/2	2 1/4	14 1/2	104		
NO. 1	8	OSCI 19	59	18	120	2850	308
NO. 2	8	OSCI 24	33	12	120	2850	308
NO. 3	8	OSCI 24	33	12	120	2850	308
NO. 4	8	OSCI 24	33	12	120	2850	308
NO. 5	8	OSCI 24	33	12	120	2850	308
NO. 6	8	OSCI 24	33	12	120	2850	308
NO. 7	8	OSCI 24	33	12	120	2850	308
NO. 8	8	OSCI 24	33	12	120	2850	308
NO. 9	8	OSCI 24	33	12	120	2850	308
NO. 10	8	OSCI 24	33	12	120	2850	308
NO. 11	8	OSCI 24	33	12	120	2850	308
NO. 12	8	OSCI 24	33	12	120	2850	308
NO. 13	8	OSCI 24	33	12	120	2850	308
NO. 14	8	OSCI 24	33	12	120	2850	308
NO. 15	8	OSCI 24	33	12	120	2850	308
NO. 16	8	OSCI 24	33	12	120	2850	308
NO. 17	8	OSCI 24	33	12	120	2850	308
NO. 18	8	OSCI 24	33	12	120	2850	308
NO. 19	8	OSCI 24	33	12	120	2850	308
NO. 20	8	OSCI 24	33	12	120	2850	308
NO. 21	8	OSCI 24	33	12	120	2850	308
NO. 22	8	OSCI 24	33	12	120	2850	308
NO. 23	8	OSCI 24	33	12	120	2850	308
NO. 24	8	OSCI 24	33	12	120	2850	308
NO. 25	8	OSCI 24	33	12	120	2850	308
NO. 26	8	OSCI 24	33	12	120	2850	308
NO. 27	8	OSCI 24	33	12	120	2850	308
NO. 28	8	OSCI 24	33	12	120	2850	308
NO. 29	8	OSCI 24	33	12	120	2850	308
NO. 30	8	OSCI 24	33	12	120	2850	308
NO. 31	8	OSCI 24	33	12	120	2850	308
NO. 32	8	OSCI 24	33	12	120	2850	308
NO. 33	8	OSCI 24	33	12	120	2850	308
NO. 34	8	OSCI 24	33	12	120	2850	308
NO. 35	8	OSCI 24	33	12	120	2850	308
NO. 36	8	OSCI 24	33	12	120	2850	308
NO. 37	8	OSCI 24	33	12	120	2850	308
NO. 38	8	OSCI 24	33	12	120	2850	308
NO. 39	8	OSCI 24	33	12	120	2850	308
NO. 40	8	OSCI 24	33	12	120	2850	308
NO. 41	8	OSCI 24	33	12	120	2850	308
NO. 42	8	OSCI 24	33	12	120	2850	308
NO. 43	8	OSCI 24	33	12	120	2850	308
NO. 44	8	OSCI 24	33	12	120	2850	308
NO. 45	8	OSCI 24	33	12	120	2850	308
NO. 46	8	OSCI 24	33	12	120	2850	308
NO. 47	8	OSCI 24	33	12	120	2850	308
NO. 48	8	OSCI 24	33	12	120	2850	308
NO. 49	8	OSCI 24	33	12	120	2850	308
NO. 50	8	OSCI 24	33	12	120	2850	308
NO. 51	8	OSCI 24	33	12	120	2850	308
NO. 52	8	OSCI 24	33	12	120	2850	308
NO. 53	8	OSCI 24	33	12	120	2850	308
NO. 54	8	OSCI 24	33	12	120	2850	308
NO. 55	8	OSCI 24	33	12	120	2850	308
NO. 56	8	OSCI 24	33	12	120	2850	308
NO. 57	8	OSCI 24	33	12	120	2850	308
NO. 58	8	OSCI 24	33	12	120	2850	308
NO. 59	8	OSCI 24	33	12	120	2850	308
NO. 60	8	OSCI 24	33	12	120	2850	308
NO. 61	8	OSCI 24	33	12	120	2850	308
NO. 62	8	OSCI 24	33	12	120	2850	308
NO. 63	8	OSCI 24	33	12	120	2850	308
NO. 64	8	OSCI 24	33	12	120	2850	308
NO. 65	8	OSCI 24	33	12	120	2850	308
NO. 66	8	OSCI 24	33	12	120	2850	308
NO. 67	8	OSCI 24	33	12	120	2850	308
NO. 68	8	OSCI 24	33	12	120	2850	308
NO. 69	8	OSCI 24	33	12	120	2850	308
NO. 70	8	OSCI 24	33	12	120	2850	308
NO. 71	8	OSCI 24	33	12	120	2850	308
NO. 72	8	OSCI 24	33	12	120	2850	308
NO. 73	8	OSCI 24	33	12	120	2850	308
NO. 74	8	OSCI 24	33	12	120	2850	308
NO. 75	8	OSCI 24	33	12	120	2850	308
NO. 76	8	OSCI 24	33	12	120	2850	308
NO. 77	8	OSCI 24	33	12	120	2850	308
NO. 78	8	OSCI 24	33	12	120	2850	308
NO. 79	8	OSCI 24	33	12	120	2850	308
NO. 80	8	OSCI 24	33	12	120	2850	308
NO. 81	8	OSCI 24	33	12	120	2850	308
NO. 82	8	OSCI 24	33	12	120	2850	308
NO. 83	8	OSCI 24	33	12	120	2850	308
NO. 84	8	OSCI 24	33	12	120	2850	308
NO. 85	8	OSCI 24	33	12	120	2850	308
NO. 86	8	OSCI 24	33	12	120	2850	308
NO. 87	8	OSCI 24	33	12	120	2850	308
NO. 88	8	OSCI 24	33	12	120	2850	308
NO. 89	8	OSCI 24	33	12	120	2850	308
NO. 90	8	OSCI 24	33	12	120	2850	308
NO. 91	8	OSCI 24	33	12	120	2850	308
NO. 92	8	OSCI 24	33	12	120	2850	308
NO. 93	8	OSCI 24	33	12	120	2850	308
NO. 94	8	OSCI 24	33	12	120	2850	308
NO. 95	8	OSCI 24	33	12	120	2850	308
NO. 96	8	OSCI 24	33	12	120	2850	308
NO. 97	8	OSCI 24	33	12	120	2850	308
NO. 98	8	OSCI 24	33	12	120	2850	308
NO. 99	8	OSCI 24	33	12	120	2850	308
NO. 100	8	OSCI 24	33	12	120	2850	308

Driller: *A. Hernandez*

LOGGING: *M. Trane*

REWORKING CLEANING: *A. M. Smith*

APPROVED BY: *A. M. Smith*

CLASSES OF TIME BREAKDOWN: *Conditioning Mud, Casing, Logging, Rig Repairs, etc.*

REMARKS: *Drilling, Fishing, etc.*

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 37

WELL NAME 10E SPRING RIVER, V.T. N58-69 10. SEC 13.9 TWP. 30 Rge. W Contractor 10E RILEY #3 Month FALL Day 12 1971

1st Tour From: 12:00 Midnight To: 8:00 a.m.

2nd Tour From: 8:00 a.m. To: 4:00 p.m.

3rd Tour From: 4:00 p.m. To: 12:00 p.m.

DEPTH	From		Hole Made	Bit Size	Formation
	Stands	Singles			
2444	8542	98	9 1/2	2 STAMPS	1109
				3 REAMERS	1082
44	17	-	10 0/8 W	882.25	

DRILLING STRING	DRILL Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL
	29	6 3/4	2 3/8	867.50	DRILL COLLARS
	1	8 1/2	2 3/8	1495	112
					7041

BIT RECORD	Bit Serial No.	Nozzle Size	HOURS	Visc.	WT.	W L	pH	ADDITIVES - POUNDS
	1	1-12	2-13	2-13	2-13	2-13	2-13	2-13
	2	2-13	2-13	2-13	2-13	2-13	2-13	2-13

MUD RECORD	Time	Visc.	WT.	W L	pH	ADDITIVES - POUNDS
	12:00	56	9.1	8.5	GEL - 1400	
	1:00	54	9.1	8.5	CAUSTIC - 50	
	2:00	50	9.0	9.5	SPARTAN - 2000	
	3:00	52	9.0	9.5		

CORING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery

DETAIL OF OPERATIONS AND REMARKS	Driller	CLASSIFICATION	REMARKS
TOPTO W/L @ 2434, 6 1/2"	<i>[Signature]</i>		
DRILLING			
TOTCO BROPPED			
TRIP OUT			
PULLED STAND, PUMPED			
PULLED 75M BBS.			
PULLED TIGHT UP INTO			
Csg 100'			

SLUSH PUMP RECORD	No. 1	No. 2	Time	Visc.	WT.	W L	pH	ADDITIVES - POUNDS
			4:00	36	9.1	10	GEL - 1609/165	
			6:00	35	9.1	9.5	CAUSTIC - 1545	
			10:00	38	9.1	9.5	KELAN - 2500/165	

CORING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery

Driller: *[Signature]*

Driller: *[Signature]*

Driller: *[Signature]*

Approved by: *[Signature]*

Toolpusher: *[Signature]*

REMARKS: Max Gas 47 St Den 260 Putting in subside in slug tank Have been losing mud

REMARKS: LUG W/L TOPTO 2723-7 8 5 45 TOPTO GREASES W/L Pull up 5 stands pumping 8 45 9 15 Change 5 wire packing 9 25 9 45 Run back in hole 9 45 10 15 Drilling 10 15 12 1

HEADING UP & DRG. OUT: *[Signature]*

DRILLING: *[Signature]*

REAMING: *[Signature]*

CLASSIFICATION: *[Signature]*

TOPTO: *[Signature]*

FISHING: *[Signature]*

CIRCUITING: *[Signature]*

CASING: *[Signature]*

W.O.C. *[Signature]*

D.S. TESTING: *[Signature]*

LOGGING: *[Signature]*

W.O. ORDERS: *[Signature]*

RIG REPAIRS: *[Signature]*

RIG MAINTENANCE: *[Signature]*

MISCELLANEOUS: *[Signature]*

CONDITION HOLES: *[Signature]*

REAMING CLEANING: *[Signature]*

WORKING PIPE: *[Signature]*

LOST CIR.: *[Signature]*

DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY? YES NO

Total Contract Time: *[Signature]* hrs. Total Company Time: *[Signature]* hrs.

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 34

WELL NAME: **104 SPRING RIVER A 58** Lst: Sec: Tw: Rge: W: Contractor: **104 RIG 3** Month: **Feb** Day: **9** 19**71**

1st Tour From: **12:00** Midnight To: **8:00** a.m. 2nd Tour From: **8:00** a.m. To: **4:00** p.m. 3rd Tour From: **4:00** p.m. To: **12:00** p.m.

DEPTH	From		To		Hole Made	Bit Size	Formation
	Size-D.P.	Stands	Singles	Kelly			
1981	4 1/2						
1982							
1983							

DRILLING STRING	DRILL Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILLING STRING	DRILL COLLARS	DATA

BIT RECORD	Bit Serial No.	Nozzle Size	Deviation	Bit Wear: T B G	Jet	Conventional

MUD RECORD	Time	Visc.	Wt.	W L	pH	ADDITIVES - POUNDS

CORING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery

DETAIL OF OPERATIONS AND REMARKS	Driller	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery

HEADING UP & DRUG. OUT: **CLASSES OF TIME BREAKDOWN** **CONDITIONING MUD:** **CASING:** **LOGGING:** **RIG MAINTENANCE:** **REAMING CLEANING:** **DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY?**

HEADING UP & DRUG. OUT: **TOFCO:** **FISHING:** **TRIPPING:** **CIRCULECTING:** **CORING:** **LOGGING:** **MISCELLANEOUS:** **CONDITION HOLE:** **REAMING CLEANING:** **WORKING PIPE:** **LOST CIRC.:**

Total Contract Time: hrs. Total Company Time: hrs. Toolpusher: Approved by:

WELL NAME **10E SPRING RIVER N58** Lst. Sec. Twn. Rge. W. Contractor **IOE RIGS** Month, **FEB** Day, **6** 1971.

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 31

DEPTH	1st Tour From: 12:00 Midnight To: 8:00 a.m.			2nd Tour From: 8:00 a.m. To: 4:00 p.m.			3rd Tour From: 4:00 p.m. To: 12:00 p.m.																
	From	To	Hole Made	Bit Size	Formation	From	To	Hole Made	Bit Size	Formation	From	To	Hole Made	Bit Size	Formation								
1981						1981	1982				1981	1982											
Size-D.P.	Stands	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Size-D.P.	Stands	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Size-D.P.	Stands	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.						
DRILLING STRING	DRILL Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILL Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILL Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILLING STRING	DRILL COLLARS						
DATA						DATA					DATA												
BIT RECORD	No.	Type	Time On Bit	Footage	WOB	RPM	Depth Pulled	Drilled	Reamed	No.	Type	Time On Bit	Footage	WOB	RPM	Depth Pulled	Drilled	Reamed					
NOZZLES	Bit Serial No.	Jet	Conventional	Bit Wear: T. B. G.																			
STUCCO RECORD	Depth	HOURS	Circulating	Pump Press	Length of Pump Stroke	Strokes Per Min.	Liner Size	Time	Visc.	Wt.	W L	pH	ADDITIVES - POUNDS										
NO. 1	630	43	100	104	9.4									6:00	49	10.1	9.5	CAUSTIC	50	SPARKOL	800		
NO. 2														1:34			1800		8 1/2	155	POUNDS	6 1/4	
CORING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery																	
							Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery											
DETAIL	<p>RECOVER CORE # 1 12:00 12:15 1/4</p> <p>SERVICE & LAY DOWN CORE BBL 12:15 12:45 1/2</p> <p>RIG UP TO LOG 12:45 1:30 3/4</p> <p>LOGGING 1:30 7:15 5 3/4</p> <p>PREPARE FOR VELOCITY SURVEY 7:15 8:00 3/4</p>																						
OPERATIONS AND REMARKS	<p>Driller: <i>Phil Rouse</i></p> <p>Driller: <i>A. Kwan</i></p> <p>Driller: <i>A. Kwan</i></p> <p>TRIP IN hole 4:00 5:15 1 1/4</p> <p>REAR 8" TO 12 1/4" shells 5:15 6:15 1</p> <p>Circ hole clean to run. 6:15 6:30 1 1/4</p> <p>slug pipe trip out lay 8:05</p> <p>down 11" collars & reamers & stabilize 12:00 4</p>																						

HEADING UP & DRUG OUT: CLASSES OF TIME BREAKDOWN: CASING: LOGGING: RIG MAINTENANCE: REAMING CLEANING: DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY

DRILLING: TORQUE: CONDITIONING MUD: W.O.C. TRIPPING: D.S. TESTING: W.O. ORDERS: MISCELLANEOUS: WORKING PIPE: YES NO

REAMING: CIRCULATING: CORING: RIG REPAIRS: CONDITION HOLE: LOST CIRC.: APPROVED BY: _____

Total Contract Time: _____ hrs. Total Company Time: _____ hrs. Toolpusher: _____

WELL NAME **10E SPRING RIVER E58**

1st Tour From: **12:00 Midnight To: 8:00 a.m.**

2nd Tour From: **8:00 a.m. To: 4:00 p.m.**

3rd Tour From: **4:00 p.m. To: 12:00 p.m.**

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 30

Lsd. Sec. Twn. Rge. W. Contractor **JOE RIG 3** Month **FEB** Day **5** 1971

DEPTH	From	To	Hole Made	Bit Size	Formation
1898	1944	46	12 1/4	2 PERM	14.72
				DRILLING	2.00
				STANDS	57.8
				DRILL COLLAR FT.	8.23
				DRILL COLLAR FT.	8.23

DRILLING STRING	DRILL	Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL
	2 1/4	11	9	3	38.30	DRILLING STRING
	1 1/2	13	1	17	643.88	DRILL COLLARS
						73 M

BIT RECORD	Bit Serial No.	Jet	Conventional
	6	OSCJ	4/14
			12
			190
			46

KEYS	Depth	Deviation
	Nozzle Size 2-13 1-14	Bit Wear: T 3 B 2 G 1
	Depth 19.65	Deviation 4/16

SLUSH PUMP RECORD No. 1	On Line	Circulating	Pump Press	Length of Pump Stroke	Strokes Per Min.	Liner Size
	3 1/2		1875	8 1/2	160	6 1/4
			1000-1850	14	65-72	8 1/2

MUD RECORD	Time	Visc.	Wt.	W.L.	pH	ADDITIVES - POUNDS
	7:30	43	102		5.74	800

CORING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery

DETAIL OF OPERATIONS AND REMARKS	TRIP OUT	Service Rig	Check B.O.P.	1.15	3.15	2

CLASSES OF TIME BREAKDOWN	HEADING UP & DELG. OUT:	TOTCO:	FISHING:	REMAINING:

LOGGING:	W.O. ORDERS:	RIG MAINTENANCE:	REAMING CLEANING:

LOGGING:	W.O. ORDERS:	RIG MAINTENANCE:	REAMING CLEANING:

LOGGING:	W.O. ORDERS:	RIG MAINTENANCE:	REAMING CLEANING:

LOGGING:	W.O. ORDERS:	RIG MAINTENANCE:	REAMING CLEANING:

LOGGING:	W.O. ORDERS:	RIG MAINTENANCE:	REAMING CLEANING:

LOGGING:	W.O. ORDERS:	RIG MAINTENANCE:	REAMING CLEANING:

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 27

WELL NAME **JOE SPRING RIVER N 58** Lsd Sec. Twp. Rge. W. Contractor **JOE. RIG. 3** Month **FEB** Day **4** 19 **71**

1st Tour From: **12:00** Midnight To: **8:00** a.m.

2nd Tour From: **8:00** a.m. To: **4:00** p.m.

3rd Tour From: **4:00** p.m. To: **12:00** p.m.

DEPTH	From		To		Hole Made	Bit Size	Formation
	1527	1658	131	12 1/4			
4 1/2	10	1	22	643.88	5748	8.23	
DRILLING STRING	DRILL	Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	
	COLLAR	4	4 1/2	3 3/8	125.89	DRILLING STRING	DRILL COLLARS
	DATA	16	6 3/4	2 7/8	479.69	100 M	73 M
BIT RECORD	No.	Type	Time On Bit	Footage	WOB	RPM	Depth Pulled
	5	OSCJ 18	15-18	116-120			325
NOZZLES	Bit Serial No.	Jet	Bit Wear	T	B	G	
	1573	2-13	1-14	3°			
MUD RECORD	Time	Visc.	Wt.	W L	pH	ADDITIVES - POUNDS	
	100	46	10.2	9	9.0	CAUSTIC 100	
	200	45	10.1	9.2	6.5	500	
	300	45	10.1	9.2			
	400	45	10.1	9.2			
	500	45	10.1	9.2			
	600	45	10.1	9.2			
	700	45	10.1	9.2			
CORING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	
	1	15	18	13	00	12	
DETAIL OF OPERATIONS AND REMARKS	Retfy. Temp + 20° F						
	DRILLING SURVEY						
	DRILLING						
	TOTAL W.L. @ 17.5° 3 3/4						
	TOTAL W.L. @ 16.95° 3°						
	TOTAL W.L. @ 15.1° 3 3/4						
	TOTAL W.L. @ 14.2° 3 3/4						
	TOTAL W.L. @ 13.3° 3 3/4						
	TOTAL W.L. @ 12.4° 3 3/4						
	TOTAL W.L. @ 11.5° 3 3/4						
	TOTAL W.L. @ 10.6° 3 3/4						
	TOTAL W.L. @ 9.7° 3 3/4						
	TOTAL W.L. @ 8.8° 3 3/4						
	TOTAL W.L. @ 7.9° 3 3/4						
	TOTAL W.L. @ 7.0° 3 3/4						
	TOTAL W.L. @ 6.1° 3 3/4						
	TOTAL W.L. @ 5.2° 3 3/4						
	TOTAL W.L. @ 4.3° 3 3/4						
	TOTAL W.L. @ 3.4° 3 3/4						
	TOTAL W.L. @ 2.5° 3 3/4						
	TOTAL W.L. @ 1.6° 3 3/4						
	TOTAL W.L. @ 0.7° 3 3/4						
	TOTAL W.L. @ -0.2° 3 3/4						
	TOTAL W.L. @ -1.1° 3 3/4						
	TOTAL W.L. @ -2.0° 3 3/4						
	TOTAL W.L. @ -2.9° 3 3/4						
	TOTAL W.L. @ -3.8° 3 3/4						
	TOTAL W.L. @ -4.7° 3 3/4						
	TOTAL W.L. @ -5.6° 3 3/4						
	TOTAL W.L. @ -6.5° 3 3/4						
	TOTAL W.L. @ -7.4° 3 3/4						
	TOTAL W.L. @ -8.3° 3 3/4						
	TOTAL W.L. @ -9.2° 3 3/4						
	TOTAL W.L. @ -10.1° 3 3/4						
	TOTAL W.L. @ -11.0° 3 3/4						
	TOTAL W.L. @ -11.9° 3 3/4						
	TOTAL W.L. @ -12.8° 3 3/4						
	TOTAL W.L. @ -13.7° 3 3/4						
	TOTAL W.L. @ -14.6° 3 3/4						
	TOTAL W.L. @ -15.5° 3 3/4						
	TOTAL W.L. @ -16.4° 3 3/4						
	TOTAL W.L. @ -17.3° 3 3/4						
	TOTAL W.L. @ -18.2° 3 3/4						
	TOTAL W.L. @ -19.1° 3 3/4						
	TOTAL W.L. @ -20.0° 3 3/4						
	TOTAL W.L. @ -20.9° 3 3/4						
	TOTAL W.L. @ -21.8° 3 3/4						
	TOTAL W.L. @ -22.7° 3 3/4						
	TOTAL W.L. @ -23.6° 3 3/4						
	TOTAL W.L. @ -24.5° 3 3/4						
	TOTAL W.L. @ -25.4° 3 3/4						
	TOTAL W.L. @ -26.3° 3 3/4						
	TOTAL W.L. @ -27.2° 3 3/4						
	TOTAL W.L. @ -28.1° 3 3/4						
	TOTAL W.L. @ -29.0° 3 3/4						
	TOTAL W.L. @ -29.9° 3 3/4						
	TOTAL W.L. @ -30.8° 3 3/4						
	TOTAL W.L. @ -31.7° 3 3/4						
	TOTAL W.L. @ -32.6° 3 3/4						
	TOTAL W.L. @ -33.5° 3 3/4						
	TOTAL W.L. @ -34.4° 3 3/4						
	TOTAL W.L. @ -35.3° 3 3/4						
	TOTAL W.L. @ -36.2° 3 3/4						
	TOTAL W.L. @ -37.1° 3 3/4						
	TOTAL W.L. @ -38.0° 3 3/4						
	TOTAL W.L. @ -38.9° 3 3/4						
	TOTAL W.L. @ -39.8° 3 3/4						
	TOTAL W.L. @ -40.7° 3 3/4						
	TOTAL W.L. @ -41.6° 3 3/4						
	TOTAL W.L. @ -42.5° 3 3/4						
	TOTAL W.L. @ -43.4° 3 3/4						
	TOTAL W.L. @ -44.3° 3 3/4						
	TOTAL W.L. @ -45.2° 3 3/4						
	TOTAL W.L. @ -46.1° 3 3/4						
	TOTAL W.L. @ -47.0° 3 3/4						
	TOTAL W.L. @ -47.9° 3 3/4						
	TOTAL W.L. @ -48.8° 3 3/4						
	TOTAL W.L. @ -49.7° 3 3/4						
	TOTAL W.L. @ -50.6° 3 3/4						
	TOTAL W.L. @ -51.5° 3 3/4						
	TOTAL W.L. @ -52.4° 3 3/4						
	TOTAL W.L. @ -53.3° 3 3/4						
	TOTAL W.L. @ -54.2° 3 3/4						
	TOTAL W.L. @ -55.1° 3 3/4						
	TOTAL W.L. @ -56.0° 3 3/4						
	TOTAL W.L. @ -56.9° 3 3/4						
	TOTAL W.L. @ -57.8° 3 3/4						
	TOTAL W.L. @ -58.7° 3 3/4						
	TOTAL W.L. @ -59.6° 3 3/4						
	TOTAL W.L. @ -60.5° 3 3/4						
	TOTAL W.L. @ -61.4° 3 3/4						
	TOTAL W.L. @ -62.3° 3 3/4						
	TOTAL W.L. @ -63.2° 3 3/4						
	TOTAL W.L. @ -64.1° 3 3/4						
	TOTAL W.L. @ -65.0° 3 3/4						
	TOTAL W.L. @ -65.9° 3 3/4						
	TOTAL W.L. @ -66.8° 3 3/4						
	TOTAL W.L. @ -67.7° 3 3/4						
	TOTAL W.L. @ -68.6° 3 3/4						
	TOTAL W.L. @ -69.5° 3 3/4						
	TOTAL W.L. @ -70.4° 3 3/4						
	TOTAL W.L. @ -71.3° 3 3/4						
	TOTAL W.L. @ -72.2° 3 3/4						
	TOTAL W.L. @ -73.1° 3 3/4						
	TOTAL W.L. @ -74.0° 3 3/4						
	TOTAL W.L. @ -74.9° 3 3/4						
	TOTAL W.L. @ -75.8° 3 3/4						
	TOTAL W.L. @ -76.7° 3 3/4						
	TOTAL W.L. @ -77.6° 3 3/4						
	TOTAL W.L. @ -78.5° 3 3/4						
	TOTAL W.L. @ -79.4° 3 3/4						
	TOTAL W.L. @ -80.3° 3 3/4						
	TOTAL W.L. @ -81.2° 3 3/4						
	TOTAL W.L. @ -82.1° 3 3/4						
	TOTAL W.L. @ -83.0° 3 3/4						
	TOTAL W.L. @ -83.9° 3 3/4						
	TOTAL W.L. @ -84.8° 3 3/4						
	TOTAL W.L. @ -85.7° 3 3/4						
	TOTAL W.L. @ -86.6° 3 3/4						
	TOTAL W.L. @ -87.5° 3 3/4						
	TOTAL W.L. @ -88.4° 3 3/4						
	TOTAL W.L. @ -89.3° 3 3/4						
	TOTAL W.L. @ -90.2° 3 3/4						
	TOTAL W.L. @ -91.1° 3 3/4						
	TOTAL W.L. @ -92.0° 3 3/4						
	TOTAL W.L. @ -92.9° 3 3/4						
	TOTAL W.L. @ -93.8° 3 3/4						
	TOTAL W.L. @ -94.7° 3 3/4						
	TOTAL W.L. @ -95.6° 3 3/4						
	TOTAL W.L. @ -96.5° 3 3/4						
	TOTAL W.L. @ -97.4° 3 3/4						
	TOTAL W.L. @ -98.3° 3 3/4						
	TOTAL W.L. @ -99.2° 3 3/4						
	TOTAL W.L. @ -100.1° 3 3/4						
	TOTAL W.L. @ -101.0° 3 3/4						
	TOTAL W.L. @ -101.9° 3 3/4						
	TOTAL W.L. @ -102.8° 3 3/4						
	TOTAL W.L. @ -103.7° 3 3/4						
	TOTAL W.L. @ -104.6° 3 3/4						
	TOTAL W.L. @ -105.5° 3 3/4						
	TOTAL W.L. @ -106.4° 3 3/4						
	TOTAL W.L. @ -107.3° 3 3/4						
	TOTAL W.L. @ -108.2° 3 3/4						
	TOTAL W.L. @ -109.1° 3 3/4						
	TOTAL W.L. @ -110.0° 3 3/4						
	TOTAL W.L. @ -110.9° 3 3/4						
	TOTAL W.L. @ -111.8° 3 3/4						
	TOTAL W.L. @ -112.7° 3 3/4						
	TOTAL W.L. @ -113.6° 3 3/4						
	TOTAL W.L. @ -114.5° 3 3/4						
	TOTAL W.L. @ -115.4° 3 3/4						
	TOTAL W.L. @ -116.3° 3 3/4						
	TOTAL W.L. @ -117.2° 3 3/4						
	TOTAL W.L. @ -118.1° 3 3/4						
	TOTAL W.L. @ -119.0° 3 3/4						
	TOTAL W.L. @ -119.9° 3 3/4						
	TOTAL W.L. @ -120.8° 3 3/4						
	TOTAL W.L. @ -121.7° 3 3/4						
	TOTAL W.L. @ -122.6° 3 3/4						
	TOTAL W.L. @ -123.5° 3 3/4						
	TOTAL W.L. @ -124.4° 3 3/4						
	TOTAL W.L. @ -125.3° 3 3/4						
	TOTAL W.L. @ -126.2° 3 3/4						
	TOTAL W.L. @ -127.1° 3 3/4						
	TOTAL W.L. @ -128.0° 3 3/4						
	TOTAL W.L. @ -128.9° 3 3/4						
	TOTAL W.L. @ -129.8° 3 3/4						
	TOTAL W.L. @ -130.7° 3 3/4						
	TOTAL W.L. @ -131.6° 3 3/4						
	TOTAL W.L. @ -132.5° 3 3/4						
	TOTAL W.L. @ -133.4° 3 3/4						
	TOTAL W.L. @ -134.3° 3 3/4						
	TOTAL W.L. @ -135.2° 3 3/4						
	TOTAL W.L. @ -136.1° 3 3/4						
	TOTAL W.L. @ -137.0° 3 3/4						
	TOTAL W.L. @ -137.9° 3 3/4						
	TOTAL W.L. @ -138.8° 3 3/4						
	TOTAL W.L. @ -139.7° 3 3/4						
	TOTAL W.L. @ -140.6° 3 3/4						
	TOTAL W.L. @ -141.5° 3 3/4						
	TOTAL W.L. @ -142.4° 3 3/4						
	TOTAL W.L. @ -143.3° 3 3/4						
	TOTAL W.L. @ -144.2° 3 3/4						
	TOTAL W.L. @ -145.1° 3 3/4						
	TOTAL W.L. @ -146.0° 3 3/4						
	TOTAL W.L. @ -146.9° 3 3/4						
	TOTAL W.L. @ -147.8° 3 3/4						
	TOTAL W.L. @ -148.7° 3 3/4						
	TOTAL W.L. @ -149.6° 3 3/4						
	TOTAL W.L. @ -150.5° 3 3/4						
	TOTAL W.L. @ -151.4° 3 3/4						
	TOTAL W.L. @ -152.3° 3 3/4						
	TOTAL W.L. @ -153.2° 3 3/4						
	TOTAL W.L. @ -154.1° 3 3/4						
	TOTAL W.L. @ -155.0° 3 3/4						
	TOTAL W.L. @ -155.9° 3 3/4						
	TOTAL W.L. @ -156.8° 3 3/4						
	TOTAL W.L. @ -157.7° 3 3/4						
	TOTAL W.L. @ -158.6° 3 3/4						
	TOTAL W.L. @ -159.5° 3 3/4						
	TOTAL W.L. @ -160.4° 3 3/4						
	TOTAL W.L. @ -161.3° 3 3/4						
	TOTAL W.L. @ -162.2° 3 3/4						
	TOTAL W.L. @ -163.1° 3 3/4						
	TOTAL W.L. @ -164.0° 3 3/4						
	TOTAL W.L. @ -164.9° 3 3/4						
	TOTAL W.L. @ -165.8° 3 3/4						
	TOTAL W.L. @ -166.7° 3 3/4						
	TOTAL W.L. @ -167.6° 3 3/4						
	TOTAL W.L. @ -168.5° 3 3/4						
	TOTAL W.L. @ -169.4° 3 3/4						
	TOTAL W.L. @ -170.3° 3 3/4						
	TOTAL W.L. @ -171.2° 3 3/4						
	TOTAL W.L. @ -172.1° 3 3/4						
	TOTAL W.L. @ -173.0° 3 3/4						
	TOTAL W.L. @ -173.9° 3 3/4						
	TOTAL W.L. @ -174.8° 3 3/4						
	TOTAL W.L. @ -175.7° 3 3/4						
	TOTAL W.L. @ -176.6° 3 3/4						
	TOTAL W.L. @ -177.5° 3 3/4						
	TOTAL W.L. @ -178.4° 3 3/4						
	TOTAL W.L. @ -179.3° 3 3/4						
	TOTAL W.L. @ -180.2° 3 3/4						
	TOTAL W.L. @ -181.1° 3 3/4						
	TOTAL W.L. @ -182.0° 3 3/4						
	TOTAL W.L. @ -182.9° 3 3/4						
	TOTAL W.L. @ -183.8° 3 3/4						
	TOTAL W.L. @ -184.7° 3 3/4						
	TOTAL W.L. @ -185.6° 3 3/4						
	TOTAL W.L. @ -186.5° 3 3/4						
	TOTAL W.L. @ -187.4° 3 3/4						
	TOTAL W.L. @ -188.3° 3 3/4						
	TOTAL W.L. @ -189.2° 3 3/4						
	TOTAL W.L. @ -190.1° 3 3/4						
	TOTAL W.L. @ -191.0° 3 3/4						
	TOTAL W.L. @ -191.9° 3 3/4						
	TOTAL W.L. @ -192.8° 3 3/4						
	TOTAL W.L. @ -193.7° 3 3/4						
	TOTAL W.L. @ -194.6° 3 3/4						
	TOTAL W.L. @ -195.5° 3 3/4						
	TOTAL W.L. @ -196.4° 3 3/4						
	TOTAL W.L. @ -197.3° 3 3/4						
	TOTAL W.L. @ -198.2° 3 3/4						
	TOTAL W.L. @ -199.1° 3 3/4						
	TOTAL W.L. @ -200.0° 3 3/4						
	TOTAL W.L. @ -200.9° 3 3/4						
	TOTAL W.L. @ -201.8° 3 3/4						
	TOTAL W.L. @ -202.7° 3 3/4						
	TOTAL W.L. @ -203.6° 3 3/4						
	TOTAL W.L. @ -204.5° 3 3/4						
	TOTAL W.L. @ -205.4° 3 3/4						
	TOTAL W.L. @ -206.3° 3 3/4						
	TOTAL W.L. @ -207.2° 3 3/4						
	TOTAL W.L. @ -208.1° 3 3/4						
	TOTAL W.L. @ -209.0° 3 3/4						
	TOTAL W.L. @ -209.9° 3 3/4						
	TOTAL W.L. @ -210.8° 3 3/4						
	TOTAL W.L. @ -211.7° 3 3/4						
	TOTAL W.L. @ -212.6° 3 3/4						
	TOTAL W.L. @ -213.5° 3 3/4						
	TOTAL W.L. @ -214.4° 3 3/4						
	TOTAL W.L. @ -215.3° 3 3/4						
	TOTAL W.L. @ -216.2° 3 3/4						
	TOTAL W.L. @ -217.1° 3 3/4						
	TOTAL W.L. @ -218.0° 3 3/4						
	TOTAL W.L. @ -218.9° 3 3/4						
	TOTAL W.L. @ -219.8° 3 3/4						
	TOTAL W.L. @ -220.7° 3 3/4						
	TOTAL W.L. @ -221.6° 3 3/4						
	TOTAL W.L. @ -222.5° 3 3/4						
	TOTAL W.L. @ -223.4° 3 3/4						
	TOTAL W.L. @ -224.3° 3 3/4						
	TOTAL W.L. @ -225.2° 3 3/4						
	TOTAL W.L. @						

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 28

WELL NAME **10E SPRING RIVER Y.T. N58**

1st Tour From: **12:00** Midnight To: **8:00** a.m.

2nd Tour From: **8:00** a.m. To: **4:00** p.m.

3rd Tour From: **4:00** p.m. To: **12:00** p.m.

Contractor **10E RIG 3** Month **FEB** Day **3** 19**71**

DEPTH	From		To		Hole Made	Bit Size	Formation
	1168	1318	150	1244			
Size-D.P.	Stands	Singles	Kelly	Drill. Collar Ft.	Core Bbl. Ft.		
4 1/2	6	2	17	643.88			
1318	1387	6 1/2	12 1/4	2 REAM	14 2 1/2		
Size-D.P.	Stands	Singles	Kelly	Drill. Collar Ft.	Core Bbl. Ft.		
4 1/2	7	1	13	643.88			
1387	1527	140	12 1/4	2 REAM	14 2 1/2		
Size-D.P.	Stands	Singles	Kelly	Drill. Collar Ft.	Core Bbl. Ft.		
4 1/2	9	-	30	643.88	526.82		

DRILLING STRING	DRILL Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILL COLLARS	DATA	No.	Type	Time On Bit	Footage	WOB	RPM	Depth Pulled	Total Footage Drilled	Reamed
COLLAR	2 4	11 9	3 3	38.35	125.29	479.69	95	73								
DATA	16	6 3/4	2 3/8	479.69	95											
DRILL	RR 4	VT 1A	2 1/2	12	116											
NO. 1	RR 4	VT 1A	2 1/2	12	116											
NO. 2	RR 4	VT 1A	2 1/2	12	116											

MUD RECORD	Time	Vis.	Wt.	W L	pH	ADDITIVES - POUNDS	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	From	To	Hrs.	
																12:00
BRIDGE TEMP																
DRILLING																
SURVEY																
DRILLING																
SURVEY																
DRILLING																

MUD RECORD	Time	Vis.	Wt.	W L	pH	ADDITIVES - POUNDS	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	From	To	Hrs.	
																12:00
BRIDGE TEMP																
DRILLING																
SURVEY																
DRILLING																
SURVEY																
DRILLING																

MUD RECORD	Time	Vis.	Wt.	W L	pH	ADDITIVES - POUNDS	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	From	To	Hrs.	
																12:00
BRIDGE TEMP																
DRILLING																
SURVEY																
DRILLING																
SURVEY																
DRILLING																

MUD RECORD	Time	Vis.	Wt.	W L	pH	ADDITIVES - POUNDS	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	From	To	Hrs.	
																12:00
BRIDGE TEMP																
DRILLING																
SURVEY																
DRILLING																
SURVEY																
DRILLING																

CORING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	From	To	Hrs.	Driller	D.S. OF TIME BREAKDOWN	CONDITIONING MUD	CASING	LOGGING	RIG MAINTENANCE	REAMING CLEANING	DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY
DRILLING																	
SURVEY																	
DRILLING																	
SURVEY																	
DRILLING																	

Driller: **Phil Drape**

Driller: **Ken Zelle**

Driller: **Al. Roman**

Approved by: _____

Total Contract Time: _____ hrs. Total Company Time: _____ hrs. Toolpusher: _____

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 24

WELL NAME: **IOE SPRING River YINGS** Lst Sec. Twn. Rge. W. Contractor: **IOE Rig # 3** Month: **JAN** Day: **30** 19 **71**

1st Tour From: **12:00** Mid-ight To: **8:00** a.m.

2nd Tour From: **8:00** a.m. To: **4:00** p.m.

3rd Tour From: **4:00** p.m. To: **12:00** p.m.

DEPTH	From		To		Hole Made	Bit Size	Formation		
	540								
Drilling String	Standards	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.				
Collar									
DATA									
BIT RECORD	Drill No.	Type	Time On Bit	Footage	WOB	RPM	Depth Pulled	Total Footage Drilled	Remained
MUD RECORD	Bit Serial No.	Jet	Conventional						
	Nozzle Size	Bit Wear: T. B. G.							
SLUSH PUMP RECORD No. 1	Depth	H O U R S	Circulating	Pump Press	Length of Pump Stroke	Strokes Per Min.	Liner Size		
	On Line								
SLUSH PUMP RECORD No. 2	Time	Visc.	Wt.	W L	pH	ADDITIVES - POUNDS			
CORING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery			
DETAIL OF OPERATIONS AND REMARKS	Headline up		12	8	8				
	Pressure test blind pms								
		TO 2000 PSI FOR 10 MIN							
		HELD GOOD							
		FRIDGE TEMP 10°							
		HEADLINE UP							
		8:00	4:00	8					
		RIG UP + DRILL HOUSE							
		HOLE	6:30	9:15	2 3/4				
		LAY DOWN 634 DC.	9:15	10:15	1 1/2				
		RUN IN HOLE TO							
		DRILL OUT							
		10:15							
		HOOVER UP MANIFOLD LINES	4:00	6:30	2 1/2				

Driller: *C. Hernandez* Driller: *D. Willmore* Driller: *A. Hernandez*

CLASSES OF TIME BREAKDOWN: CASING: W.O.C. TESTING: LOGGING: RIG REPAIRS: REAMING CLEANING: W.O. ORDERS: MISCELLANEOUS: WORKING PIPE: LOST CIRCUIT: DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY? YES NO

Total Contract Time: ... hrs. Total Company Time: ... hrs. Toolpusher: ... Approved by: ...

WELL NAME: **IOE SPRING River YTN-58** Lsd. Sec. Tw. Rge. Contractor: **THE R.G.S. Month: Jan Day: 28 1971**

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 22

1st Tour From: **12:00** Midnight To: **8:00** a.m. 2nd Tour From: **8:00** a.m. To: **4:00** p.m. 3rd Tour From: **4:00** p.m. To: **12:00** p.m.

DEPTH	From			To			Hole Made	Bit Size	Formation
	Stand	Singles	Kelly	Stand	Singles	Kelly			
540									

DRILLING STRING	DRILL COLLAR	Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILLING STRING	DRILL COLLARS	DATA

BIT RECORD	Bit Serial No.	No.	Type	Time On Bit	Footage	WOB	RPM	Depth Pulled	Total Footage Drilled	Reamed

SLUSH PUMP RECORD No. 1	Nozzle Size	Deviation	Bit Wear	T	B	G

MUD RECORD	Time	Visc.	Wt.	W L	pH	ADDITIVES — POUNDS

CORING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery

DETAIL OF OPERATIONS AND REMARKS	Driller: <i>A. H. Hunt</i>	GLASSES OF TIME	RECKONING	CONDITIONING	MUD	CASING	LOGGING	RIG MAINTENANCE	BEAMING	CLEANING	DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY

HEADING UP	12						HEADING UP	800	400	8		HEADING UP	400	1200	9
------------	----	--	--	--	--	--	------------	-----	-----	---	--	------------	-----	------	---

HEADING UP	12						HEADING UP	800	400	8		HEADING UP	400	1200	9
------------	----	--	--	--	--	--	------------	-----	-----	---	--	------------	-----	------	---

HEADING UP	12						HEADING UP	800	400	8		HEADING UP	400	1200	9
------------	----	--	--	--	--	--	------------	-----	-----	---	--	------------	-----	------	---

HEADING UP	12						HEADING UP	800	400	8		HEADING UP	400	1200	9
------------	----	--	--	--	--	--	------------	-----	-----	---	--	------------	-----	------	---

HEADING UP	12						HEADING UP	800	400	8		HEADING UP	400	1200	9
------------	----	--	--	--	--	--	------------	-----	-----	---	--	------------	-----	------	---

HEADING UP	12						HEADING UP	800	400	8		HEADING UP	400	1200	9
------------	----	--	--	--	--	--	------------	-----	-----	---	--	------------	-----	------	---

HEADING UP	12						HEADING UP	800	400	8		HEADING UP	400	1200	9
------------	----	--	--	--	--	--	------------	-----	-----	---	--	------------	-----	------	---

HEADING UP	12						HEADING UP	800	400	8		HEADING UP	400	1200	9
------------	----	--	--	--	--	--	------------	-----	-----	---	--	------------	-----	------	---

HEADING UP	12						HEADING UP	800	400	8		HEADING UP	400	1200	9
------------	----	--	--	--	--	--	------------	-----	-----	---	--	------------	-----	------	---

HEADING UP	12						HEADING UP	800	400	8		HEADING UP	400	1200	9
------------	----	--	--	--	--	--	------------	-----	-----	---	--	------------	-----	------	---

HEADING UP	12						HEADING UP	800	400	8		HEADING UP	400	1200	9
------------	----	--	--	--	--	--	------------	-----	-----	---	--	------------	-----	------	---

HEADING UP	12						HEADING UP	800	400	8		HEADING UP	400	1200	9
------------	----	--	--	--	--	--	------------	-----	-----	---	--	------------	-----	------	---

HEADING UP	12						HEADING UP	800	400	8		HEADING UP	400	1200	9
------------	----	--	--	--	--	--	------------	-----	-----	---	--	------------	-----	------	---

HEADING UP	12						HEADING UP	800	400	8		HEADING UP	400	1200	9
------------	----	--	--	--	--	--	------------	-----	-----	---	--	------------	-----	------	---

HEADING UP	12						HEADING UP	800	400	8		HEADING UP	400	1200	9
------------	----	--	--	--	--	--	------------	-----	-----	---	--	------------	-----	------	---

HEADING UP	12						HEADING UP	800	400	8		HEADING UP	400	1200	9
------------	----	--	--	--	--	--	------------	-----	-----	---	--	------------	-----	------	---

HEADING UP	12						HEADING UP	800	400	8		HEADING UP	400	1200	9
------------	----	--	--	--	--	--	------------	-----	-----	---	--	------------	-----	------	---

HEADING UP	12						HEADING UP	800	400	8		HEADING UP	400	1200	9
------------	----	--	--	--	--	--	------------	-----	-----	---	--	------------	-----	------	---

HEADING UP	12						HEADING UP	800	400	8		HEADING UP	400	1200	9
------------	----	--	--	--	--	--	------------	-----	-----	---	--	------------	-----	------	---

HEADING UP	12						HEADING UP	800	400	8		HEADING UP	400	1200	9
------------	----	--	--	--	--	--	------------	-----	-----	---	--	------------	-----	------	---

Total Contract Time hrs. Total Company Time hrs. Toolpusher: *Frank A. McSwain* Approved by:

WELL NAME: **THE SPRING RIVER YTW 56** Lcd Sec: Tw: Rge: W: Contractor: **W.F. R. S. D. S.** Month: **Jan** Day: **27** 19 **71**

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 21

1st Tour From: 12:00 Midnight To: 8:00 a.m.										2nd Tour From: 8:00 a.m. To: 4:00 p.m.										3rd Tour From: 4:00 p.m. To: 12:00 p.m.																							
DEPTH		From To		Hole Made		Bit Size		Formation		Size-D.P.		Stands		Singles		Kelly		Drill Collar Ft.		Core Bbl. Ft.		Formation		Size-D.P.		Stands		Singles		Kelly		Drill Collar Ft.		Core Bbl. Ft.		Formation							
540										540												540																					
DRILLING STRING										DRILLING STRING										DRILLING STRING																							
DRILL Number		OD		ID		Length		INDICATOR WEIGHT OF TOTAL		DRILLING STRING		DRILL COLLARS		DRILLING STRING		DRILL COLLARS		DRILLING STRING		DRILL COLLARS		DRILLING STRING		DRILL COLLARS		DRILLING STRING		DRILL COLLARS		DRILLING STRING		DRILL COLLARS		DRILLING STRING		DRILL COLLARS							
COLLAR		DATA		DATA		DATA		DATA		COLLAR		DATA		DATA		DATA		DATA		COLLAR		DATA		DATA		COLLAR		DATA		DATA		COLLAR		DATA									
No.		Type		Time On Bit		Footage		WOB		RPM		Depth Pulled		Total Footage Drilled		Retained		No.		Type		Time On Bit		Footage		WOB		RPM		Depth Pulled		Total Footage Drilled		Retained									
BIT RECORD										BIT RECORD										BIT RECORD																							
Bit Serial No.		Nozzle Size		Deviation		Bit Wear: T		B		G		Jet		Conventional		Bit Serial No.		Nozzle Size		Deviation		Bit Wear: T		B		G		Jet		Conventional		Bit Serial No.		Nozzle Size		Deviation		Bit Wear: T		B		G	
MUD RECORD										MUD RECORD										MUD RECORD																							
Time		Visc.		Wt.		W L		pH		ADDITIVES — POUNDS		Time		Visc.		Wt.		W L		pH		ADDITIVES — POUNDS		Time		Visc.		Wt.		W L		pH		ADDITIVES — POUNDS									
CORING										CORING										CORING																							
Core No.		Depth In		Footage		Hours Run		Depth Out		Recovery		Core No.		Depth In		Footage		Hours Run		Depth Out		Recovery		Core No.		Depth In		Footage		Hours Run		Depth Out		Recovery									
								From To		Hrs.										From To		Hrs.										From To		Hrs.									
DETAIL OF OPERATIONS AND REMARKS										DETAIL OF OPERATIONS AND REMARKS										DETAIL OF OPERATIONS AND REMARKS																							
WOC										WOC										WOC																							
d										800 400 8										HEADINGS UP																							
Driller: <i>P. Hernandez</i>										Driller: <i>Phil Rowe</i>										Driller: <i>P. Hernandez</i>																							

CLASSES OF TIME BREAKDOWN
 HEADING UP & DRILLING: _____ hrs. FISHING: _____ hrs. TRIPPING: _____ hrs. CORING: _____ hrs.
 REMAINING: _____ hrs. CASING: _____ hrs. W.O.C.: _____ hrs. D.S. TESTING: _____ hrs. LOGGING: _____ hrs. RIG MAINTENANCE: _____ hrs. REMAINING CLEANING: _____ hrs. WORKING PIPE: _____ hrs. LOST CIRC.: _____ hrs. MISCELLANEOUS: _____ hrs. CONDITION HOLE: _____ hrs. TOOLPUSHER: _____ hrs. APPROVED BY: _____

DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY
 YES _____ NO _____

WELL NAME: **IOE SPRING River YINSE** Imperial Oil Limited Contractor: **IOE R.O.#3** Month: **JAN** Day: **26** 1971

1st Tour From: **12:00** Midnight To: **8:00** a.m. 2nd Tour From: **8:00** a.m. To: **4:00** p.m. 3rd Tour From: **4:00** p.m. To: **12:00** p.m.

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 20

DEPTH	From		To		Hole Made	Bit Size	Formation
	Stand	Singles	Stand	Singles			
540							
540							
540							

DRILLING STRING	DRILL NUMBER	OD	ID	LENGTH	INDICATOR WEIGHT OF TOTAL	DRILLING STRING	DRILL COLLARS

BIT RECORD	BIT SERIAL NO.	NOZZLE SIZE	JET	CONVENTIONAL	DEPTH	TOTAL FOOTAGE

SLUSH PUMP RECORD No. 1	HOURS	PUMP PRESS	LENGTH OF PUMP STROKE	STROKES PER MIN.	LINER SIZE

MUD RECORD	TIME	VISC.	WT.	W.L.	PH	ADDITIVES - POUNDS

CORING	CORE NO.	DEPTH IN	FOOTAGE	HOURS RUN	DEPTH OUT	RECOVERY

DETAIL OF OPERATIONS AND REMARKS	DRILLER	FROM	TO	HRS.
Run casing		12	8	8
PICK UP Landing IT		8	30	2
CIRC CASING WHT FOR 830		1	42	1
CEMENT CASING PUMP		2	4	2
PLUG DOWN WOC		2	4	2

CLASSES OF TIME BREAKDOWN: MUD: CASING: LOGGING: RIG MAINTENANCE: REMAINING CLEANING: DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY

W.O.C. TESTING: RIG REPAIRS: MISCELLANEOUS: WORKING PIPE: LOST GPC:

Driller: *[Signature]* Approved by: *[Signature]*

Total Contract Time: _____ hrs. Total Company Time: _____ hrs. Toolpusher: *[Signature]*

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 19

WELL NAME: *SARVIS RIVER VI-N-58* Lst. Sec. Twn. Rge. W. Contractor: *MAIT 3* Month: *JAN* Day: *25* 1974

1st Tour From: 12:00 Midnight To: 8:00 a.m.

2nd Tour From: 8:00 a.m. To: 4:00 p.m.

3rd Tour From: 4:00 p.m. To: 12:00 p.m.

DEPTH	From	To	Hole Made	Bit Size	Formation
540				17 1/2	

DRILLING STRING	DRILL	Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILL COLLARS
COLLAR	4	8 3/4	3	115.01	66 M	46 M	
DATA	13	6 3/4	2 3/8	391.6	66 M	46 M	

BIT RECORD	No.	Type	Time On Bit	Footage	WOB	RPM	Depth Pulled	Total Footage Drilled	Retained
2	Reamer	4 3/4							
3	OWI	3							

SLUSH PUMP RECORD	No. 1	No. 2	Depth	HOURLS	On Line	Circulating	Pump Press	Length of Pump Stroke	Strokes Per Min.	Liner Size

MUD RECORD	Time	Visc.	Wt.	W L	pH	ADDITIVES - POUNDS
	9:00	185	18	9	6.1	300 #
	4:00	165	9.8	9	6.1	25 #
	6:00	135	9.8	9	6.4	24. Alum. 17 #

COILING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery

DETAIL OF OPERATIONS AND REMARKS	From	To	Hrs.
CIR WAIT FOR WIND TO die	12:30	8:00	8
DOWN TO RUN CASING			
CIR WAIT FOR WIND TO die	8:00	4:00	4
DOWN TO RUN CASING			
CIR WAIT FOR WIND TO die	4:00	11:00	7
DOWN TO RUN CASING			
CIR WAIT FOR WIND TO die	11:00	12:00	1
DOWN TO RUN CASING			

Driller: *M. J. [Signature]*

Driller: *[Signature]*

Driller: *[Signature]*

CLASSES OF TIME BREAKDOWN
 HEADING UP & DRUG. OUT: _____ hrs.
 DRILLING: _____ hrs.
 REMAINING: _____ hrs.
 TOTAL CONTRACT TIME: _____ hrs.

LOGGING: _____ hrs.
 W.O. ORDERS: _____ hrs.
 RIG REMAINS: _____ hrs.
 RIG MAINTENANCE: _____ hrs.
 MISCELLANEOUS: _____ hrs.
 CONDITION HOLE: _____ hrs.
 WORKING PIPE: _____ hrs.
 REAMING CLEANING: _____ hrs.
 APPROVED BY: _____

DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY? YES _____ NO _____

IMPERIAL OIL LIMITED

DAILY DRILL REPORT No. 18

WELL NAME *Sprinkle River V.T. N-58* Lsd. Sec. Twp. Rge. W. Contractor *NAT 3* Month *JAN* Day *24* 1971

1st Tour From: *12:00* Midnight To: *8:00* a.m. 2nd Tour From: *8:00* a.m. To: *4:00* p.m. 3rd Tour From: *4:00* p.m. To: *12:00* p.m.

DEPTH	From		To		Hole Made	Bit Size	Formation
	Size-D.P.	Sands	Singles	Drill. Collar Ft.			
<i>540</i>						<i>1 7/8</i>	<i>506.17</i>
DRILLING STRING							
DRILL	Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILL COLLARS	DRILL COLLARS
<i>4</i>	<i>8 3/4</i>	<i>3</i>	<i>1.501</i>	<i>66 M</i>	<i>46</i>	<i>46</i>	<i>46</i>
DATA	Collar	No.	Type	Time On Bit	Footage	WOB	RPM
	<i>13</i>	<i>6 3/4</i>	<i>2 1/2</i>	<i>391/16</i>	<i>66</i>	<i>66</i>	<i>410</i>
BIT RECORD							
BIT	Serial No.	NO	Size	Reamer	Bit	Wear	Conventional
<i>3</i>	<i>OWLS</i>	<i>3</i>	<i>20</i>	<i>100</i>	<i>540</i>	<i>34</i>	<input type="checkbox"/>
MUD RECORD							
Time	Visc.	Wt.	W. L.	pH	ADDITIVES — POUNDS	Length of Pump Stroke	Strokes Per Min.
<i>4:00</i>	<i>127</i>	<i>9.8</i>	<i>9</i>	<i>9</i>	<i>CEL-500#</i>	<i>61</i>	<i>150</i>
<i>6:00</i>	<i>120</i>	<i>9.8</i>	<i>9</i>	<i>9</i>	<i>KELDAN-50#</i>	<i>120</i>	<i>145</i>
					<i>CAUSTIC-25#</i>	<i>200</i>	<i>135</i>
CORING							
Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	From	To
DETAIL OF OPERATIONS AND REMARKS							
<i>REAM 124 TO 174</i>							
<i>TRIP OUT BBL 3 cone locked 12:30</i>							
<i>ON PILOT BIT WORN FLAT</i>							
<i>CUT STRIPS OF BIT WELD</i>							
<i>STRIPS ON NEW BIT</i>							
<i>TRIP IN</i>							
<i>REAMING 510 TO 540</i>							
<i>CIRC hole CLEAN</i>							
<i>DRILLER: Phil Rose</i>							

CLASSES OF TIME BREAKDOWN: TOCCO, FISHING, CIRCUITING, CASING, LOGGING, RIG MAINTENANCE, REMAINING CLEANING, DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY

Total Contract Time: hrs Total Company Time: hrs Toolpusher: Approved by:

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 17

WELL NAME **LOE SPRING RIVER Y T N58** Sec. **3** Twp. **3** Rge. **W** Contractor **NAT 3** Month **JAN** Day **23** 19 **71**

1st Tour From: **12:00** Midnight To: **3:0** a.m. 2nd Tour From: **8:00** a.m. To: **4:00** p.m. 3rd Tour From: **4:00** p.m. To: **12:00** p.m.

DEPTH	1st Tour			2nd Tour			3rd Tour		
	From	To	Hole Made	From	To	Hole Made	From	To	Hole Made
540			17 1/2			17 1/2			17 1/2
	Standards	Singles	Kelly	Standards	Singles	Kelly	Standards	Singles	Kelly
			Drill. Collar Ft.			Drill. Collar Ft.			Drill. Collar Ft.
			Core Bit. Ft.			Core Bit. Ft.			Core Bit. Ft.

DRILLING STRING	1st Tour			2nd Tour			3rd Tour		
	DRILL	Number	OD	DRILL	Number	OD	DRILL	Number	OD
	4	8 3/4	3	4	8 3/4	3	4	8 3/4	3
	COLLAR	7	2 3/8	10	6 3/4	2 3/8	10	6 3/4	2 3/8
	DATA	Type	Time On	Type	Time On	Type	Time On	Type	Time On
		Record	9 1/2	Record	15	12 1/2	Record	20 1/2	15
		Footage	1012		15	125		15	125
		WOB	95		125	125		125	125
		RPM	54		162	162		162	162
		Depth							
		Pulled							
		Drilled							
		Reamed							

BIT RECORD	1st Tour			2nd Tour			3rd Tour		
	Bit Serial No.	Jet	Conventional	Bit Serial No.	Jet	Conventional	Bit Serial No.	Jet	Conventional
	10099R			10099-R			10099R		
	Nozzle Size			Nozzle Size			Nozzle Size		
	Bit Wear: T..... B..... G.....			Bit Wear: T..... B..... G.....			Bit Wear: T..... B..... G.....		

SWEPTS	1st Tour			2nd Tour			3rd Tour		
	Depth	HOURLS	Deviation	Depth	HOURLS	Deviation	Depth	HOURLS	Deviation
	8	3:00	8 1/2	8	3:00	7 1/2	4 1/2	3:50	8 1/2
	On Line	Circulating		On Line	Circulating		On Line	Circulating	

MUD RECORD	1st Tour			2nd Tour			3rd Tour		
	Time	Visc.	Wt.	Time	Visc.	Wt.	Time	Visc.	Wt.
	2:00	120	9.5	8:00	120	9.5	5:00	182	9.6
	4:00	130	9.5	10:00	185	9.6	1:00	165	9.6
	6:00	187	9.5	12:00	180	9.6	4:00	165	9.6

CORING	1st Tour			2nd Tour			3rd Tour		
	Core No.	Depth In	Footage	Core No.	Depth In	Footage	Core No.	Depth In	Footage

DETAIL OF OPERATIONS AND REMARKS	1st Tour			2nd Tour			3rd Tour		
	From	To	Hrs.	From	To	Hrs.	From	To	Hrs.
	Rem 12 1/4 To 12 1/2	From 12 09	8 00	Rem 12 1/4 To 1 1/2	4 00	8	Rem 12 1/4 To 17 1/2	4 00	7 15
	164 To 345		8	345 To 400		4	TRIP OUT	7 15	9 00
							CHANGE REAMERS + TRIP IN	9 00	10 45
							DRILLING	10 45	12 00
							FROM 4 65 TO 5 10	10 45	12 00

Driller: *R. J. ...* Driller: *C. ...* Driller: *P. ...*

CLASSES OF TIME BREAKDOWN
 TOCLOG: CONDITIONING MUD: CASING: W.O.C. LOGGING: RIG MAINTENANCE: REAMING CLEANING: SUD YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY
 FISHING: TRIPPING: W.O.C. TESTING: MISCELLANEOUS: WORKING PIPE: LOST CIRC.: YES..... NO.....
 CIRCUulating: CORING: D.S. TESTING: RIG REPAIRS: CONDITION HOLE: LOST CIRC.: YES..... NO.....

Total Contract Time hrs. Total Company Time hrs. Totalpumper hrs. Approved by

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 16

WELL NAME: **LOE Spring River XT NS8Ld** Sec: **WAT 3** Twm: **WAT 3** Rge: **WAT 3** Month: **JAN** Day: **22** 19**71**

1st Tour From: **12:00** Midnight To: **8:00** a.m.

2nd Tour From: **8:00** a.m. To: **4:00** p.m.

3rd Tour From: **4:00** p.m. To: **12:00** p.m.

DEPTH	From		To		Hole Made	Bit Size	Formation
	Stand	Singles	Stand	Singles			
284	403	119	124				

DRILLING STRING	DRILL Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILL COLLARS	COLLAR	Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILL COLLARS	COLLAR	Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILL COLLARS	COLLAR	Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILL COLLARS			
																												DATA	Time On	Time Off
	4	8 3/4	3	11501	54 M	34 1/4	4	8 3/4	3	11501	64	306	4	8 3/4	3	11501	64	306	4	8 3/4	3	11501	64	306	4	8 3/4	3	11501	64	306

SURVEYS	MUD RECORD	COILING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	From	To	Hrs.	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	From	To	Hrs.	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	From	To	Hrs.	
																														Time
250	332																													
250	332																													

MUD RECORD	COILING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	From	To	Hrs.	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	From	To	Hrs.	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	From	To	Hrs.		
																													Time	Visc.
250	332																													
250	332																													

MUD RECORD	COILING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	From	To	Hrs.	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	From	To	Hrs.	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	From	To	Hrs.		
																													Time	Visc.
250	332																													
250	332																													

MUD RECORD	COILING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	From	To	Hrs.	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	From	To	Hrs.	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	From	To	Hrs.		
																													Time	Visc.
250	332																													
250	332																													

MUD RECORD	COILING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	From	To	Hrs.	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	From	To	Hrs.	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	From	To	Hrs.		
																													Time	Visc.
250	332																													
250	332																													

MUD RECORD	COILING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	From	To	Hrs.	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	From	To	Hrs.	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	From	To	Hrs.		
																													Time	Visc.
250	332																													
250	332																													

Driller: **Phil Rouse**

CLASSES OF TIME BREAKDOWN
 TOPTCO: _____
 FISHING: _____
 CIRCUITING: _____
 CORING: _____
 CASING: _____
 W.O.C: _____
 D.S. TESTING: _____
 LOGGING: _____
 MISCELLANEOUS: _____
 RIG REPAIRS: _____
 RIG MAINTENANCE: _____
 WORKING PIPE: _____
 REMAINING CLEANING: _____
 LOST CIRC.: _____

Driller: **Phil Rouse**

Approved by: _____

Did you check blowout preventer equipment today? YES _____ NO _____

Total Contract Time: _____ hrs. Total Company Time: _____ hrs. Toolpusher: _____

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 14

WELL NAME: 10E SPRING RIVER Y.T. N-58 Lsd Sec: 10E Twp: R. 3 Rge: 3 W: 3 Contractor: LOE RIG 3 Month: JAN Day: 10 1971

1st Tour From: 12:00 Midnight To: 8:00 a.m. 2nd Tour From: 8:00 a.m. To: 4:00 p.m. 3rd Tour From: 4:00 p.m. To: 12:00 p.m.

DEPTH	From	To	Hole Made	Bit Size	Formation
110	161	51	12 1/4	PER CARCEL	
	Stand	Singles	Kelly	Drill. Collar Ft.	Core Bbl. Ft.
				2 CO. S. 15 8 1/4	2 REMMERS 14.24

DRILLING STRING	DRILL	Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL
		4	8 3/4	3	92.63	34 M
	COLLAR					16 M
	DATA					
	No.	Type	Time On Bit	Footage	WOB	RPM
	1	OSG 8	8	90	6-8	60

BIT RECORD	Bit Serial No.	Jet	Conventional
	FP 416	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Nozzle Size 2-1/3 1-1/4	Bit Wear: T	B
	Deviation		

MUD RECORD	Time	Visc.	Wt.	W L	pH	ADDITIVES - POUNDS
	2:00	68			11.5	EGG - 3000 lbs
	4:00	125			11.5	GW - 110 gals
	6:00	72			11.5	RAUSTIC - 100 lbs

CORING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery

DETAIL OF OPERATIONS AND REMARKS	From	To	Hrs.
Drilling 12 1/4" hole	12:00	2:00	2
Cleaning up stringing gravel	2:00	5:15	3 1/4
Drilling	5:15	7:15	2
Clean out hole	7:15	8:00	3/4

CLASSES OF TIME BREAKDOWN	From	To	Hrs.
Drilling	12:00	2:00	2
Cleaning up stringing gravel	2:00	5:15	3 1/4
Drilling	5:15	7:15	2
Clean out hole	7:15	8:00	3/4

Driller: Bill Rouse Approved by: Bill Rouse

LOGGING: W.O. ORDERS RIG MAINTENANCE: REAMING CLEANING

CASING: D.S. TESTING RIG REPAIRS: CONDITION HOLE WORKING PIPE: LOST CIRC.

TOOLPUSHER: TOOLPUSHER

HEAD UP & DRLG. OUT: CIRCUITING CORING: CONDITIONING MUD

TOTAL CONTRACT TIME: 12 HRS. TOTAL COMPANY TIME: 12 HRS.

DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY? YES NO

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 12

WELL NAME *TOBI* *SEAKS TANKS* *Y.A.S.B.* Ltd. Sec. *Tw* Rge. *W* Contractor *TOBI* *R.16.3* Month *1* Day *18* 19 *71*

1st Tour From: 12:00 Midnight To: 8:00 a.m.

2nd Tour From: 8:00 a.m. To: 4:00 p.m.

3rd Tour From: 4:00 p.m. To: 12:00 p.m.

DEPTH	From		To		Hole Made	Bit Size	Formation
	Stand	Singles	Stand	Singles			
7160							
DRILLING STRING	DRILL	Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILLING STRING
	COLLAR						
BIT RECORD	DRILL	Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILLING STRING
	COLLAR						
CHECKS	DRILL	Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILLING STRING
	COLLAR						
MUD RECORD	DRILL	Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILLING STRING
	COLLAR						
CORING	DRILL	Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILLING STRING
	COLLAR						
DETAIL OF OPERATIONS AND REMARKS	DRILL	Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILLING STRING
	COLLAR						

HEAD UP & DRUG OUT: *Classes of Time Breakdown*
 DRILLING: *TOTCO: CONDITIONING MUD: CASING: LOGGING: RIG MAINTENANCE: REMAINING CLEANING:*
 REMAINS: *FISHING: TRIPPING: W.O.C. MISCELLANEOUS: WORKING PIPE: PREVENTER EQUIPMENT TODAY:*
CIRCUITING: CORING: D.S. TESTING: RIG REPAIRS: CONDITION HOLE: LOST CIRC:
 Total Contract Time: *8* hrs. Total Company Time: *8* hrs. Toolpusher: *A. A. ...* Approved by: *A. A. ...*

Driller: *[Signature]*
 Driller: *[Signature]*
 Driller: *[Signature]*
 ADDITIVES — POUNDS
 12 8 8
 8 4 8
 4 8 4
 11 12 1

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 11

WELL NAME: **IOE SPRING RIVER NY 155** Ld. Sec. Tw. Rge. W. Contractor: **IOE RIG #3** Month: **1** Day: **10** 19**71**

1st Tour From: **12:00** Midnight To: **8:00** a.m. 2nd Tour From: **8:00** a.m. To: **4:00** p.m. 3rd Tour From: **4:00** p.m. To: **12:00** p.m.

DEPTH	From		To		Hole Made	Bit Size	Formation	
	Stand	Singles	Stand	Singles			Drill. Collar Ft.	Core Bbl. Ft.
DRILLING STRING	DRILL Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILLING STRING	DRILL COLLARS	
	COLLAR							
	DATA							
BIT RECORD	No.	Type	Time On Bit	Footage	WOB	RPM	Depth Pulled	Total Footage Drilled / Reamed
	Bit Serial No.		Nozzle Size		Bit Wear: T. B. G.		Jet <input type="checkbox"/> Conventional <input type="checkbox"/>	
SURVEYS	Depth		HOURS		Pump Press	Length of Pump Stroke	Strokes Per Min.	Liner Size
	On Line	Circulating						
MUD RECORD	Time	Visc.	Wt.	W. L.	pH	ADDITIVES — POUNDS		
	Core No.		Depth In	Footage	Hours Run	Depth Out	Recovery	
CORING	From		To		Hrs.			
	Core No.		Depth In	Footage	Hours Run	Depth Out	Recovery	
DETAIL OF OPERATIONS AND REMARKS	From		To		Hrs.			
	Core No.		Depth In	Footage	Hours Run	Depth Out	Recovery	

Driller: *C. Williams* Rigging *5 4 3* Rigging *5 4 3* Rigging *5 4 3*

CLASSIFICATION OF TIME BREAKDOWN: CLASSING: MISC. TESTING: LOGGING: RIG MAINTENANCE: REAMING CLEANING: DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY?

HEADING UP & DRUG. OUT: TOOTH: FISHING: CIRCUITING: CORING: CASING: W.O. ORDERS: MISCELLANEOUS: CONDITION HOLE: LOST CIRC. WORKING PIPE: YES NO

Total Contract Time: _____ hrs. Total Company Time: _____ hrs. Toolpusher: _____ Approved by: _____

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 10

WELL NAME **TOE SPRING & RIVER YI N55** Ld. Sec. Tw. Rge. W. Contractor **JOE R. G. #3** Month **1** Day **16** 19 **71**

1st Tour From: **12:00** Midnight To: **8:00** a.m. 2nd Tour From: **8:00** a.m. To: **4:00** p.m. 3rd Tour From: **4:00** p.m. To: **12:00** p.m.

DEPTH	From		To		Hole Made	Bit Size	Formation
	Stand	Singles	Stand	Singles			

DRILLING STRING	DRILL COLLAR	Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILLING STRING	DRILL COLLARS	DATA

BIT RECORD	Bit Serial No.	Nozzle Size	Bit Wear: T. B. G.	Jet	Conventional

SCUMPS PUMP RECORD No. 1 No. 2	On Line	HOURS Circulating	Pump Press	Length of Pump Stroke	Strokes Per Min.	Liner Size	Time	Visc.	Wt.	W. L.	pH	ADDITIVES --- POUNDS

CORING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	From	To	Hrs.

DETAIL OF OPERATIONS AND REMARKS	Driller	Heading up	12 ⁰⁰	8 ⁰⁰	8	Driller	Heading up	7	4	8	Driller	Heading up	12	8

CLASSES OF TIME BREAKDOWN: DRILLING, FISHING, REMAINING, REAMING, TIPPING, CORING, CASING, W.O.C., D.S. TESTING, LOGGING, W.O. ORDERS, MISCELLANEOUS, RIG MAINTENANCE, REMAINING CLEANING, WORKING PIPE, LOST CIRC., BIT NOT CHECKED, PREVENTER EQUIPMENT, TOOK BY

Total Contract Time: hrs. Total Company Time: hrs. Toolpusher: Approved by:

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 9

WELL NAME FOE RIG 3 ... SHRINE RIVER W. 58 ... Sec. ... Twp. ... Rge. ... W. ... Contractor FOE RIG 3 ... Month 1 ... Day 15 1971

1st Tour From: 12:00 Midnight To: 8:00 a.m.	2nd Tour From: 8:00 a.m. To: 4:00 p.m.	3rd Tour From: 4:00 p.m. To: 12:00 p.m.
---	--	---

DEPTH	From	To	Hole Made	Bit Size	Formation
	11' 13'				

DRILLING STRING	DRILL Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILLING STRING	DRILL COLLARS
COLLAR							
DATA							

BIT RECORD	Bit Serial No.	Jet	Conventional
		<input type="checkbox"/>	<input type="checkbox"/>

SLUSH PUMP RECORD No. 1	On Line	Circulating	Pump Press	Length of Stroke	Strokes Per Min.	Liner Size

MAUD RECORD	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery

CORING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery

DETAIL OF OPERATIONS AND REMARKS	Driller	LOGGING, CORES, RIG REPAIRS	REMARKS
	<i>W.O.C.</i>		
	<i>W.O.C.</i>		
	<i>W.O.C.</i>		

HEADING UP & DRUG CURT: ... CASING: ... REAMING CLEANING: ... DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY: ...

CLASSIFICATION: ...

LOGGING: ...

REPAIRS: ...

REMARKS: ...

Driller: ...

Approved by: ...

WELL NAME: **IOE SPRING RIVER, VT NSB** Imperial Oil Limited Contractor: **IOE RIG 3** Month: **1** Day: **13** 19**71**

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 7

1st Tour From: 12:00 Midnight To: 8:00 a.m.										2nd Tour From: 8:00 a.m. To: 4:00 p.m.										3rd Tour From: 4:00 p.m. To: 12:00 p.m.																																																	
DEPTH		From		To		Hole Made		Bit Size		Formation		From		To		Hole Made		Bit Size		Formation		From		To		Hole Made		Bit Size		Formation																																							
Size-D.P.	Stands	Singles	Kelly	Drill. Collar Ft.	Core Bbl. Ft.	Size-D.P.	Stands	Singles	Kelly	Drill. Collar Ft.	Core Bbl. Ft.	Size-D.P.	Stands	Singles	Kelly	Drill. Collar Ft.	Core Bbl. Ft.	Size-D.P.	Stands	Singles	Kelly	Drill. Collar Ft.	Core Bbl. Ft.	Size-D.P.	Stands	Singles	Kelly	Drill. Collar Ft.	Core Bbl. Ft.																																								
44						44	50					50	51																																																								
<table border="1"> <thead> <tr> <th rowspan="2">DRILLING STRING</th> <th rowspan="2">DRILL Number</th> <th rowspan="2">OD</th> <th rowspan="2">ID</th> <th rowspan="2">Length</th> <th rowspan="2">INDICATOR WEIGHT OF TOTAL</th> <th rowspan="2">DRILLING STRING</th> <th rowspan="2">DRILL COLLARS</th> <th colspan="2">DATA</th> </tr> <tr> <th>No.</th> <th>Type</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>																														DRILLING STRING	DRILL Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILLING STRING	DRILL COLLARS	DATA		No.	Type																												
DRILLING STRING	DRILL Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILLING STRING	DRILL COLLARS	DATA																																																													
								No.	Type																																																												
<table border="1"> <thead> <tr> <th rowspan="2">BIT RECORD</th> <th rowspan="2">Bit Serial No.</th> <th rowspan="2">Nozzle Size</th> <th rowspan="2">Bit Wear: T. B. G.</th> <th rowspan="2">Jet</th> <th rowspan="2">Conventional</th> <th rowspan="2">Depth</th> <th rowspan="2">Total Footage</th> <th colspan="2">DATA</th> </tr> <tr> <th>No.</th> <th>Type</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>																														BIT RECORD	Bit Serial No.	Nozzle Size	Bit Wear: T. B. G.	Jet	Conventional	Depth	Total Footage	DATA		No.	Type																												
BIT RECORD	Bit Serial No.	Nozzle Size	Bit Wear: T. B. G.	Jet	Conventional	Depth	Total Footage	DATA																																																													
								No.	Type																																																												
<table border="1"> <thead> <tr> <th rowspan="2">SAVES</th> <th rowspan="2">Depth</th> <th rowspan="2">HOURS</th> <th rowspan="2">Circulating</th> <th rowspan="2">Pump Press</th> <th rowspan="2">Length of Pump Stroke</th> <th rowspan="2">Strokes Per Min.</th> <th rowspan="2">Liner Size</th> <th colspan="2">Deviation</th> </tr> <tr> <th>On Line</th> <th>Off Line</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>																														SAVES	Depth	HOURS	Circulating	Pump Press	Length of Pump Stroke	Strokes Per Min.	Liner Size	Deviation		On Line	Off Line																												
SAVES	Depth	HOURS	Circulating	Pump Press	Length of Pump Stroke	Strokes Per Min.	Liner Size	Deviation																																																													
								On Line	Off Line																																																												
<table border="1"> <thead> <tr> <th rowspan="2">MUD RECORD</th> <th rowspan="2">Core No.</th> <th rowspan="2">Depth In</th> <th rowspan="2">Footage</th> <th rowspan="2">Hours Run</th> <th rowspan="2">Depth Out</th> <th rowspan="2">Recovery</th> <th rowspan="2">Time</th> <th rowspan="2">Visc.</th> <th rowspan="2">Wt.</th> <th rowspan="2">W L</th> <th rowspan="2">pH</th> <th rowspan="2">ADDITIVES — POUNDS</th> <th rowspan="2">From</th> <th rowspan="2">To</th> <th rowspan="2">Hrs.</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>																														MUD RECORD	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	Time	Visc.	Wt.	W L	pH	ADDITIVES — POUNDS	From	To	Hrs.																								
MUD RECORD	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	Time	Visc.	Wt.	W L	pH	ADDITIVES — POUNDS	From	To	Hrs.																																																						
<table border="1"> <thead> <tr> <th rowspan="2">CORING</th> <th rowspan="2">Core No.</th> <th rowspan="2">Depth In</th> <th rowspan="2">Footage</th> <th rowspan="2">Hours Run</th> <th rowspan="2">Depth Out</th> <th rowspan="2">Recovery</th> <th rowspan="2">Time</th> <th rowspan="2">Visc.</th> <th rowspan="2">Wt.</th> <th rowspan="2">W L</th> <th rowspan="2">pH</th> <th rowspan="2">ADDITIVES — POUNDS</th> <th rowspan="2">From</th> <th rowspan="2">To</th> <th rowspan="2">Hrs.</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>																														CORING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	Time	Visc.	Wt.	W L	pH	ADDITIVES — POUNDS	From	To	Hrs.																								
CORING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	Time	Visc.	Wt.	W L	pH	ADDITIVES — POUNDS	From	To	Hrs.																																																						
<table border="1"> <thead> <tr> <th rowspan="2">DETAIL OF OPERATIONS AND REMARKS</th> <th rowspan="2">Driller</th> <th rowspan="2">CLASSES OF TIME BREAKDOWN</th> <th rowspan="2">HEADING UP & DRIG. OUT: FILLING REMAINING</th> <th rowspan="2">LOGGING: W.O. REPAIRS: CONDITION</th> <th rowspan="2">RIG MAINTENANCE: RIG CLEANING: WORKING PIPE: LOST CIRC.</th> <th rowspan="2">REMARKS</th> <th rowspan="2">DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY</th> </tr> </thead> <tbody> <tr> <td>REPAIR TO 44"</td> <td>V. BUBERA</td> <td>LOGGING: W.O. REPAIRS: CONDITION</td> <td>HEADING UP & DRIG. OUT: FILLING REMAINING</td> <td>LOGGING: W.O. REPAIRS: CONDITION</td> <td>RIG MAINTENANCE: RIG CLEANING: WORKING PIPE: LOST CIRC.</td> <td>REMARKS</td> <td>DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY</td> </tr> <tr> <td>REPAIR TO 36"</td> <td>H. MACISAAC</td> <td>LOGGING: W.O. REPAIRS: CONDITION</td> <td>HEADING UP & DRIG. OUT: FILLING REMAINING</td> <td>LOGGING: W.O. REPAIRS: CONDITION</td> <td>RIG MAINTENANCE: RIG CLEANING: WORKING PIPE: LOST CIRC.</td> <td>REMARKS</td> <td>DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY</td> </tr> <tr> <td>REPAIR TO 12"</td> <td>H. MACISAAC</td> <td>LOGGING: W.O. REPAIRS: CONDITION</td> <td>HEADING UP & DRIG. OUT: FILLING REMAINING</td> <td>LOGGING: W.O. REPAIRS: CONDITION</td> <td>RIG MAINTENANCE: RIG CLEANING: WORKING PIPE: LOST CIRC.</td> <td>REMARKS</td> <td>DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY</td> </tr> <tr> <td>REPAIR TO 48"</td> <td>A. CLEMMENS</td> <td>LOGGING: W.O. REPAIRS: CONDITION</td> <td>HEADING UP & DRIG. OUT: FILLING REMAINING</td> <td>LOGGING: W.O. REPAIRS: CONDITION</td> <td>RIG MAINTENANCE: RIG CLEANING: WORKING PIPE: LOST CIRC.</td> <td>REMARKS</td> <td>DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY</td> </tr> </tbody> </table>																														DETAIL OF OPERATIONS AND REMARKS	Driller	CLASSES OF TIME BREAKDOWN	HEADING UP & DRIG. OUT: FILLING REMAINING	LOGGING: W.O. REPAIRS: CONDITION	RIG MAINTENANCE: RIG CLEANING: WORKING PIPE: LOST CIRC.	REMARKS	DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY	REPAIR TO 44"	V. BUBERA	LOGGING: W.O. REPAIRS: CONDITION	HEADING UP & DRIG. OUT: FILLING REMAINING	LOGGING: W.O. REPAIRS: CONDITION	RIG MAINTENANCE: RIG CLEANING: WORKING PIPE: LOST CIRC.	REMARKS	DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY	REPAIR TO 36"	H. MACISAAC	LOGGING: W.O. REPAIRS: CONDITION	HEADING UP & DRIG. OUT: FILLING REMAINING	LOGGING: W.O. REPAIRS: CONDITION	RIG MAINTENANCE: RIG CLEANING: WORKING PIPE: LOST CIRC.	REMARKS	DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY	REPAIR TO 12"	H. MACISAAC	LOGGING: W.O. REPAIRS: CONDITION	HEADING UP & DRIG. OUT: FILLING REMAINING	LOGGING: W.O. REPAIRS: CONDITION	RIG MAINTENANCE: RIG CLEANING: WORKING PIPE: LOST CIRC.	REMARKS	DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY	REPAIR TO 48"	A. CLEMMENS	LOGGING: W.O. REPAIRS: CONDITION	HEADING UP & DRIG. OUT: FILLING REMAINING	LOGGING: W.O. REPAIRS: CONDITION	RIG MAINTENANCE: RIG CLEANING: WORKING PIPE: LOST CIRC.	REMARKS	DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY
DETAIL OF OPERATIONS AND REMARKS	Driller	CLASSES OF TIME BREAKDOWN	HEADING UP & DRIG. OUT: FILLING REMAINING	LOGGING: W.O. REPAIRS: CONDITION	RIG MAINTENANCE: RIG CLEANING: WORKING PIPE: LOST CIRC.	REMARKS	DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY																																																														
								REPAIR TO 44"	V. BUBERA	LOGGING: W.O. REPAIRS: CONDITION	HEADING UP & DRIG. OUT: FILLING REMAINING	LOGGING: W.O. REPAIRS: CONDITION	RIG MAINTENANCE: RIG CLEANING: WORKING PIPE: LOST CIRC.	REMARKS	DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY																																																						
REPAIR TO 36"	H. MACISAAC	LOGGING: W.O. REPAIRS: CONDITION	HEADING UP & DRIG. OUT: FILLING REMAINING	LOGGING: W.O. REPAIRS: CONDITION	RIG MAINTENANCE: RIG CLEANING: WORKING PIPE: LOST CIRC.	REMARKS	DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY																																																														
REPAIR TO 12"	H. MACISAAC	LOGGING: W.O. REPAIRS: CONDITION	HEADING UP & DRIG. OUT: FILLING REMAINING	LOGGING: W.O. REPAIRS: CONDITION	RIG MAINTENANCE: RIG CLEANING: WORKING PIPE: LOST CIRC.	REMARKS	DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY																																																														
REPAIR TO 48"	A. CLEMMENS	LOGGING: W.O. REPAIRS: CONDITION	HEADING UP & DRIG. OUT: FILLING REMAINING	LOGGING: W.O. REPAIRS: CONDITION	RIG MAINTENANCE: RIG CLEANING: WORKING PIPE: LOST CIRC.	REMARKS	DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY																																																														

Total Contract Time: _____ hrs. Total Company Time: _____ hrs. Toppusher: _____ Approved by: _____

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 6

WELL NAME *ZOF 1200 SPRING ROAD N. 55* Lsd. Sec. Twn. Rge. W. Contractor Month. Day. 12. 1971

1st Tour From: 12:00 Midnight To: 8:00 a.m. 2nd Tour From: 8:00 a.m. To: 4:00 p.m. 3rd Tour From: 4:00 p.m. To: 12:00 p.m.

DEPTH	From		To		Hole Made	Bit Size	Formation
	Stand	Singles	Stand	Singles			
36							
36							
44							

DRILLING STRING	DRILL NUMBER	OD	ID	LENGTH	INDICATOR WEIGHT OF TOTAL DRILLING STRING	DRILL COLLARS	DRILL COLLAR FT.		Core Bbl. Ft.
							Drill	Collar	
COLLAR									
DATA									

BIT RECORD	Bit Serial No.	No.	Type	Time On Bit	Footage	WOB	RPM	Depth Pulled	Total Footage Drilled	Reamed	ADDITIVES — POUNDS	
											T	B

SAVES PUMP RECORD No. 1 No. 2	HOURS	Visc.	Wt.	W L	pH	ADDITIVES — POUNDS	Length of Pump Stroke		Strokes Per Min.	Liner Size
							On Line	Circulating		

MUD RECORD	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	From		To	
							Core No.	Depth In	Core No.	Depth In

CORING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	From		To	
							Core No.	Depth In	Core No.	Depth In

DETAIL OF OPERATIONS AND REMARKS	Driller	P. RAY	REPAIR WITH 12" - 18" W.P.T FOR ABBOT TEETH	4	REPAIR 36" SPEAR POINT	5	REPAIR 44" SPEAR POINT	4	REPAIR 44" SPEAR POINT	1

CLASSES OF TIME BREAKDOWN: CASING: W.O.C. D.S. TESTING: LOGGING: W.O. ORDERS: MISCELLANEOUS: RIG MAINTENANCE: WORKING PIPE: REMAINING CLEANING: DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY? YES NO

Total Contract Time: hrs. Total Company Time: hrs. Approved by: [Signature]

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 5

WELL NAME: *Joe Spring Rice. W. H. 56* Led Sec. Twn. Rge. W. Contractor: Month: *1* Day: *10* 19*71*

1st Tour From: **12:00** Midnight To: **8:00** a.m. 2nd Tour From: **8:00** a.m. To: **4:00** p.m. 3rd Tour From: **4:00** p.m. To: **12:00** p.m.

DEPTH	From		To		Hole Made	Bit Size	Formation
	Standards	Singles	Standards	Singles			
30							
Size-D.P.	Standards	Singles	Kelly	Drill Collar Ft.	Core Bhl. Ft.		
DRILLING STRING	DRILL NUMBER	OD	ID	Length	INDICATOR WEIGHT OF TOTAL	DRILLING STRING	DRILL COLLARS
COLLAR							
DATA							
No.	Type	Time On Bit	Footage	WOB	RPM	Depth Pulled	Total Footage Drilled / Reamed
BIT RECORD							
Bit Serial No.	Jet		Conventional				
Nozzle Size	Bit Wear: T. B. G.						
SHAFTS							
Depth	Deviation						
MUSH PUMP RECORD							
On Line	HOURS		Circulating		Pump Press	Length of Pump Stroke	Strokes Per Min. / Liner Size
MUD RECORD							
Time	Visc.	Wt.	W. L.	pH	ADDITIVES — POUNDS		
CORING							
Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery		
DETAIL OF OPERATIONS AND REMARKS							
From				To			
HOURS				Hrs.			
12:00				18:00			
18:00				21:00			
21:00				26:00			
26:00				31:00			
31:00				4:00			

Driller: *P. MAULE* Driller: *V. BILSON* Driller: *A. MAC ISANG*

CLASSES OF TIME BREAKDOWN: TOCC, FISHING, CIRCUITING, CONDITIONING MUD, CASING, M.O.T., D.S. TESTING, LOGGING, RIG MAINTENANCE, REMAINING CLEANING, REPAIRS, RIG REPAIRS, CONDITION HOLD, WORN PAPERS, MISCELLANEOUS, LOST CIRC., PREVENTER & EQUIPMENT TODAY

Total Contract Time: hrs Total Company Time: hrs Approved by: *[Signature]*

END YOU CHECK BLOWOUT PREVENTER & EQUIPMENT TODAY YES NO

IMPERIAL OIL LIMITED DAILY DRILLING REPORT No. 4

WELL NAME *ICE SPRING RIVER AT W. 5th St.* Sec. *1* Twp. *136 N. 3* Rge. *W* Contractor *ICE SPRING RIVER* Month. *1* Day. *12* 19 *48*

1st Tour From: **12:00** Midnight To: **8:00** a.m.

2nd Tour From: **8:00** a.m. To: **4:00** p.m.

3rd Tour From: **4:00** p.m. To: **12:00** p.m.

DEPTH	From		To		Hole Made	Bit Size	Formation
	Size-D.P.	Stands	Singles	Kelly			
30							

DRILLING STRING	DRILL COLLAR	No.	Type	Time On Bit	Footage	WOB	RPM	Depth Pulled	Total Footage Drilled	Reamed	INDICATOR WEIGHT OF TOTAL	DRILLING STRING	DRILL COLLARS

BIT RECORD	Bit Serial No.	Nozzle Size	Depth	HOURS	Visc.	Wt.	W.L.	pH	ADDITIVES — POUNDS	Jet	Conventional	Deviation	Length of Pump Stroke	Strokes Per Min.	Liner Size

MUD RECORD	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	
																			From

CORING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery	
																			From

DETAIL OF OPERATIONS AND REMARKS	Driller	CLASSSES OF TIME	BREAKDOWN	MUD	LOGGING	W.O. ORDERS	MISCELLANEOUS	RIG MAINTENANCE	REWORKING CLEANING	PREVENTER EQUIPMENT

Driller: *R. KATZ* *V. B. B. B.* *M. M. S. S.*

Total Contract Time: *12* hrs. Total Company Time: *12* hrs. Toolpusher: *J. J. J.* Approved by: *J. J. J.*

HEAD UP & DRUG OUT: *12:00* TO: *8:00* CASING: *12:00* TO: *8:00* LOGGING: *12:00* TO: *8:00* REWORKING CLEANING: *12:00* TO: *8:00*

TRIPPING: *12:00* TO: *8:00* W.O.C.: *12:00* TO: *8:00* MISCELLANEOUS: *12:00* TO: *8:00* RIG MAINTENANCE: *12:00* TO: *8:00* PREVENTER EQUIPMENT: *12:00* TO: *8:00*

CORING: *12:00* TO: *8:00* D.S. TESTING: *12:00* TO: *8:00* CONDITION: *12:00* TO: *8:00* LOST CIRC.: *12:00* TO: *8:00* NO

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 2

WELL NAME *IOE SPRING RIVER #155* Lsd. Sec. Tw. Range W. Contractor *IOE Rig 3* Month *1* Day *9* 1971

1st Tour From: 12:00 Midnight To: 8:00 a.m.

2nd Tour From: 8:00 a.m. To: 4:00 p.m.

3rd Tour From: 4:00 p.m. To: 12:00 p.m.

DEPTH	1st Tour From: 12:00 Midnight To: 8:00 a.m.				2nd Tour From: 8:00 a.m. To: 4:00 p.m.				3rd Tour From: 4:00 p.m. To: 12:00 p.m.																	
	From	To	Hole Made	Formation	From	To	Hole Made	Formation	From	To	Hole Made	Formation														
20			<i>44</i>		20		<i>44</i>		20	30	<i>12</i>															
Size-D.P.	Stands	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Size-D.P.	Stands	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Size-D.P.	Stands	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.									
DRILLING STRING	DRILL Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL DRILLING STRING	DRILL COLLARS	DRILL Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL DRILLING STRING	DRILL COLLARS	DRILL Number	OD	ID	Length	INDICATOR WEIGHT OF TOTAL DRILLING STRING	DRILL COLLARS								
DATA	DATA																									
NO.	Type	Time On Bit	Footage	WOB	RPM	Depth Pulled	Total Footage Drilled	Reamed	NO.	Type	Time On Bit	Footage	WOB	RPM	Depth Pulled	Total Footage Drilled	Reamed	NO.	Type	Time On Bit	Footage	WOB	RPM	Depth Pulled	Total Footage Drilled	Reamed
BIT RECORD	Bit Serial No.	Jet <input type="checkbox"/> Conventional <input type="checkbox"/>																								
NOZZLE SIZE	Nozzle Size																									
DEVIATION	Deviation																									
DEPTH	Depth																									
HOURLS	HOURS																									
ON LINE	ON LINE																									
TIME	Visc.	Wt.	W.L.	pH	ADDITIVES — POUNDS				TIME	Visc.	Wt.	W.L.	pH	ADDITIVES — POUNDS				TIME	Visc.	Wt.	W.L.	pH	ADDITIVES — POUNDS			
MUD RECORD	MUD RECORD																									
CORING	CORING																									
DETAIL OF OPERATIONS AND REMARKS	<p><i>From 20' to 40' HOLE</i></p> <p><i>From 40' to 60' HOLE</i></p> <p><i>From 60' to 80' HOLE</i></p> <p><i>From 80' to 100' HOLE</i></p> <p><i>From 100' to 120' HOLE</i></p> <p><i>From 120' to 140' HOLE</i></p> <p><i>From 140' to 160' HOLE</i></p> <p><i>From 160' to 180' HOLE</i></p> <p><i>From 180' to 200' HOLE</i></p> <p><i>From 200' to 220' HOLE</i></p> <p><i>From 220' to 240' HOLE</i></p> <p><i>From 240' to 260' HOLE</i></p> <p><i>From 260' to 280' HOLE</i></p> <p><i>From 280' to 300' HOLE</i></p> <p><i>From 300' to 320' HOLE</i></p> <p><i>From 320' to 340' HOLE</i></p> <p><i>From 340' to 360' HOLE</i></p> <p><i>From 360' to 380' HOLE</i></p> <p><i>From 380' to 400' HOLE</i></p> <p><i>From 400' to 420' HOLE</i></p> <p><i>From 420' to 440' HOLE</i></p> <p><i>From 440' to 460' HOLE</i></p> <p><i>From 460' to 480' HOLE</i></p> <p><i>From 480' to 500' HOLE</i></p> <p><i>From 500' to 520' HOLE</i></p> <p><i>From 520' to 540' HOLE</i></p> <p><i>From 540' to 560' HOLE</i></p> <p><i>From 560' to 580' HOLE</i></p> <p><i>From 580' to 600' HOLE</i></p> <p><i>From 600' to 620' HOLE</i></p> <p><i>From 620' to 640' HOLE</i></p> <p><i>From 640' to 660' HOLE</i></p> <p><i>From 660' to 680' HOLE</i></p> <p><i>From 680' to 700' HOLE</i></p> <p><i>From 700' to 720' HOLE</i></p> <p><i>From 720' to 740' HOLE</i></p> <p><i>From 740' to 760' HOLE</i></p> <p><i>From 760' to 780' HOLE</i></p> <p><i>From 780' to 800' HOLE</i></p> <p><i>From 800' to 820' HOLE</i></p> <p><i>From 820' to 840' HOLE</i></p> <p><i>From 840' to 860' HOLE</i></p> <p><i>From 860' to 880' HOLE</i></p> <p><i>From 880' to 900' HOLE</i></p> <p><i>From 900' to 920' HOLE</i></p> <p><i>From 920' to 940' HOLE</i></p> <p><i>From 940' to 960' HOLE</i></p> <p><i>From 960' to 980' HOLE</i></p> <p><i>From 980' to 1000' HOLE</i></p>																									

Driller: *A. KANE* Driller: *V. BOGARD* Driller: *A. MONTANA*

CLASSES OF TIME BREAKDOWN: CASING: W.O.C. TESTING: LOGGING: W.O. ORDERS: RIG MAINTENANCE: REMAINING CLEANING: PREVENTER EQUIPMENT TODAY

HEADING UP & DRLG. OUT: FISHING: CIRCUITING: TRIPPING: CORING: D.S. TESTING: RIG REPAIRS: MISCELLANEOUS: WORKING PIPE: LOST CIRC.: APPROVED BY: *[Signature]*

Total Contract Time: *12* hrs. Total Company Time: *12* hrs. Toolpusher: *[Signature]*

DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY? YES NO

IMPERIAL OIL LIMITED

DAILY DRILLING REPORT No. 1

WELL NAME *TOP SERVICE RIVER* Sec. *15* Twp. *15* Rge. *W* Contractor *P. & B.* Month *JAN* Day *7* 19*74*

1st Tour From: 12:00 Midnight To: 8:00 a.m.

2nd Tour From: 8:00 a.m. To: 4:00 p.m.

3rd Tour From: 4:00 p.m. To: 12:00 p.m.

DEPTH	1st Tour			2nd Tour			3rd Tour		
	From	To	Hole Made	From	To	Hole Made	From	To	Hole Made
			Bit Size			Bit Size			Bit Size
			Formation			Formation			Formation

DRILLING STRING	DRILL COLLAR	DRILL NUMBER	OD	ID	Length	INDICATOR WEIGHT OF TOTAL DRILLING STRING	DRILL COLLARS	DATA	No.	Type	Time On Bit	Footage	WOB	RPM	Depth Pulled	Total Footage Drilled	Reamed

BIT RECORD	Bit Serial No.	Nozzle Size	Deviation	Bit Wear	T	B	G	Jet	Conventional

SURVEYS	L	H	O	U	R	S	Pump Press	Length of Pump Stroke	Strokes Per Min.	Liner Size

MUD RECORD	Time	Visc.	Wt.	W	L	pH	ADDITIVES — POUNDS

CORING	Core No.	Depth In	Footage	Hours Run	Depth Out	Recovery

DETAIL OF OPERATIONS AND REMARKS	Driller	CLASS OF TIME BREAKDOWN	CASING: W.O.C. D.S. TESTING	LOGGING: W.O. ORDERS: RIG REMAINS: CONDITION HOLE	RIG MAINTENANCE: MISCELLANEOUS: CONDITION HOLE	REAMING CLEANING: WORKING PIPE: LOST CIRC.	DID YOU CHECK BLOWOUT PREVENTER EQUIPMENT TODAY
	<i>V. BOCCIA</i>						

Total Contract Time hrs. Total Company Time hrs. Toolpusher: *[Signature]* Approved by: *[Signature]*