

WELL HISTORY REPORT

for

SOCORNY MOBIL WESTERN MINERALS  
WHITESTONE YT N-26

November 17, 1964

W E L L   H I S T O R Y   R E P O R T

for

SOCONY MOBIL WESTERN MINERALS

WHITESTONE YT N-26

Latitude  $66^{\circ} 05' 59''$  N

Longitude  $138^{\circ} 20'$  W

Socony Mobil Oil of Canada, Ltd.  
Dawson Creek District

November 18, 1964

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G. A. Atkinson  
DISTRICT GEOLOGIST

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buff, grey, fine grained to medium grained, predominantly clear quartz, grey and black chert, salt and pepper, poorly sorted, subangular, slightly calcareous, C 1, silty matrix, siliceous cement, FF = 8, dense, hard, tightly cemented, trace bituminous, tight to very poor intergranular porosity, trace oil stain.

7912.6 - 7912.8'

0.2' Pebble conglomerate band, pebbles average 1/10", up to 1/5", subrounded, grey, black, imbricated, matrix of sandstone, fine grained to medium grained, quartz, chert, slightly calcareous, C 1, pyrite, often after chert, silty matrix, siliceous cement, bituminous coatings, moderately sorted, angular to subangular, tight.

7912.8 - 7914.0'

1.2' Sandstone, medium grey, buff, fine grained, locally medium grained, passing down into fine grained quartz, chert, non-calcareous, moderately sorted, subangular to subrounded, hard, dense, siliceous cement, silty matrix, pyritic, minor bituminous, local trace intergranular porosity, trace oil stain; lower contact resembles diastem, stylolitic-type break, argillaceous films, scouring.

7914.0 - 7914.8'

0.8'

Sandstone, fine grained to medium grained, quartz, chert, as above, poorly sorted, subangular, pyrite, minor bituminous, locally abundant, salt and peppery, white chert predominant, very poor intergranular porosity, trace oil stain.

7914.8 - 7915.2'

0.4'

Conglomerate, chert pebbles up to 3/10", grey, black, subangular to subrounded, in sandstone matrix, medium grained, as above; conglomerate characterized by elongate flattened brown, dense, chert pebbles up to 1"; argillaceous films.

7915.2 - 7916.5'

1.3'

Sandstone, fine grained to medium grained, as above, varicoloured chert, ranging to coarse grain, coarser and finer beds, pyrite often after chert, tight to very poor intergranular porosity, trace oil stain.

15.9 - 16.1 Pebble conglomerate band, pebbles up to 1/2", average 1/10", varicoloured chert in medium grained sandstone matrix, as above, borings?

7916.5 - 7918.1'

1.6'

Sandstone, fine grained to medium grained, quartz, white chert, silty matrix, siliceous cement, as above,

FF = 8, pyrite, minor bituminous, poor intergranular porosity, trace oil stain. Dip horizontal.

7918.1 - 7921.4'

3.3'

Extremely variable.

7918.1 - 7918.5' Sandstone, very coarse grained to pebble conglomerate.

7918.5 - 7919.2' Sandstone, very coarse grained.

7919.2 - 7919.5' Sandstone, fine grained to medium grained.

7919.5 - 7919.7' Floating chert pebble conglomerate, black and grey pebbles in fine grained sandstone matrix, as above, FF = 8, poor intergranular porosity, poor oil stain.

7919.7 - 7920.1' Sandstone, medium grained.

7920.1 - 7920.7' Chert pebble conglomerate, in coarse grained sandstone matrix.

7920.7 - 7921.1' Sandstone, fine grained to medium grained.

7921.1 - 7921.4' Chert pebble conglomerate, as above.

Samples all with poor oil stain, very poor intergranular porosity. Apparent dip  $6^{\circ}$  -  $10^{\circ}$  in pebble conglomerate bands, horizontal dip above 7918.1'.

7921.4 - 7922.0'

0.6'

Sandstone, light to medium grey, fine grained, dense,

hard, clear quartz, light coloured chert, siliceous cement, tight, minor fine fractures with calcite infill at top, minor bituminous, no oil stain.

7922.0 - 7924.3'

2.3'

Sandstone, uniform, buff, medium grey, fine grained to medium grained, clear quartz, white chert pyrite, siliceous cement, moderately sorted, subangular, porosity, poor to fair oil stain.

7924.3 - 7926.5'

2.2'

Sandstone, uniform, fine grained to medium grained, quartz, white chert, as above, moderately sorted, subangular, poor intergranular porosity, minor bituminous, trace oil stain.

Shaly lens at 7926.0', dip  $6^{\circ}$  -  $10^{\circ}$ . Very fine vertical fracture with calcite infill at 7926.5'.

7926.5 - 7928.1'

1.6'

Sandstone, medium grey, buff, medium grained, quartz, varicoloured, chert, pyrite, moderately sorted, subangular, abundant bituminous, FF = 8, tight to trace intergranular porosity, apparent dip  $0^{\circ}$ .

7928.1 - 7928.3'

0.2'

Sandstone, fine grained to medium grained as above,



with pebble conglomerate bands, pebbles up to 3/10", varicoloured, rounded chert, dip 0°.

7928.3 - 7928.7'

0.4'

Sandstone as above, fine grained, dense, hard, minor bituminous, moderately sorted, subangular, poor intergranular porosity, good oil stain. One-half inch shale band at bottom, black, soft, very fissile, pyrite.

7928.7 - 7929.4'

0.7'

Sandstone, occasional shale partings, rare black chert pods, fine grained, medium grey, moderately to well sorted, subangular, dense, tight, locally very fine grained, locally medium grained, carbonaceous patches, pyrite.

Mississippian Parkin Creek formation 7929 -5644

7929.4 - 7937.5'

8.1'

15 - 20%, Shale, black, micromicaceous, slightly carbonaceous, lenses, partings, thin beds, very fissile, carbonaceous patches (plant imprints?), polished cleavage planes; contains lenses and pods, thin bands of very fine grained sandstone, grading siltstone, very argillaceous, pyritic, tight.

80 - 85%, Sandstone, medium-dark grey, fine grained to medium grained, moderately to well sorted,

angular to subangular, quartz, chert, very abundant pyrite grains, silty matrix, siliceous cement, well indurated (quartzitic), hard, dense, FF = 8, carbonaceous patches, locally slightly calcareous, plant imprints, scour and fill structures.

At 33.7 - 34.3) Shale, very sandy, brown, greasy

36.0 - 36.5) Lustre, slightly carbonaceous, micromicaceous, gritty, chert grains, fine grained up to medium grained, carbonaceous patches, plant imprints, pyrite stringers, patches. Cleavage at  $6^{\circ}$  -  $10^{\circ}$ .

7937.5 - 7943.0'

5.5'

Shale, black, micromicaceous, fissile, platy, pyritic, carbonaceous plant imprints, pyrite (after tube, plant?), rare crinoid, rare rounded black to brown chert pebbles, up to  $1/2$ ", 5% sandstone lenses, bands, as above.

Sandstone: Gas bleeding when removed from core barrel.

Sandstone plus Shale: General petroliferous odour.

(d) Sample Descriptions

- 0 - 110' Interbedded shale, dark grey to black with bituminous coatings, and sandstone, salt and pepper, very fine to fine grained, kaolin infill with minor carbonaceous plant remains, slightly calcareous.
- 110 - 210' Interbedded shale as above with sandstone very fine grained as above and siltstone grey micaceous.
- 210 - 240' Shale as above.
- 240 - 280' Sandstone very fine to fine grained, salt and pepper, with shale as above and minor coal.
- 280 - 520' Shale grey to black, micromicaceous with minor interbeds of sandstone very fine grained, and siltstone grey, slightly calcareous.
- 520 - 550' Sandstone salt and pepper, very fine to fine grained kaolin infill.
- 550 - 580' Shale as above.
- 580 - 610' Sandstone, salt and pepper to grey, very fine to medium grained, kaolin infill.
- 610 - 660' Shale as above.
- 660 - 695' Sandstone salt and pepper, very fine to fine grained, kaolin infill, trace coal.

- 695 - 720' Shale as above.
- 720 - 755' Sandstone fine to medium grained, salt and pepper, with siltstone light grey, tight.
- 755 - 840' Shale as above with very minor sandstone as above.
- 840 - 895' (Very poor samples). Sandstone grey, salt and pepper, very fine to medium grained, tight.
- 895 - 1010' Shale, light grey to brown to black, very minor sandstone and siltstone.
- 1010 - 1025' Sandstone grey, salt and pepper, very fine to fine grained, kaolin infill, and minor siltstone.
- 1025 - 1050' Sandstone, grey, salt and pepper; very fine to fine grained, kaolin infill, minor siltstone.
- 1050 - 1240' Shale grey to black, micromicaceous, very carbonaceous, very minor grey siltstone.
- 1240 - 1300' Sandstone, salt and pepper, very fine to coarse grained, subrounded, medium to well sorted, kaolin infill, minor coal and glauconite, trace pyrite, very minor porosity indicated.
- 1300 - 2698' Shale grey to black, carbonaceous micromicaceous, very minor siltstone and sandstone stringers trace siderite, minor coal in part, and ironstone concretions.

- 2698 - 3020' Sandstone, white, quartzose to milky with black chert grains, very fine to medium grained in part, subangular to subrounded, well to medium sorted, kaolin infill, trace glauconite, tight. Minor siltstone, grey, shale black and rare coal interbedded.
- 3020 - 3390' Sandstone as above, very fine grained with interbedded dark grey to brown and black shale and minor siltstone grey; trace silica cement trace porosity 3160 - 3180'.
- 3390 - 3540' Shale black, micromicaceous with interbedded siltstone grey, micaceous in part.
- 3540 - 4100' Shale black, micromicaceous with very minor carbonaceous flecks.
- 4100 - 4700' Shale as above with minor pyrite.
- 4700 - 5010' Shale grey to black, micromicaceous trace carbonaceous flecks with interbedded siltstone, pyritic, and glauconitic; trace bentonite.
- 5010 - 5220' Shale, grey to black, micromicaceous, pyritic, minor beds of silt, grey and bentonite, grey to tan throughout; carbonaceous flecks throughout.
- 5220 - 5610' Shale, grey to black, micromicaceous, pyritic, with thin interbeds of siltstone, grey, argillaceous,

occasionally grading to sandstone, very fine grained, tight; carbonaceous flecks and buff ironstone (concretions?) throughout.

5610 - 5750'

Shale, as above with minor beds of silt, grey, argillaceous.

5750 - 5900'

Shale, as above with interbedded siltstone, grey and buff ironstone; rare floating chert pebbles from 5860'.

5900 - 6120'

Shale, as above with minor beds of silt, grey, argillaceous; floating chert pebbles to 6150'; minor bentonite, blue-grey throughout.

6120 - 6342'

Interbedded shale, dark grey and siltstone, dark grey, argillaceous, micaceous with minor coal and carbonaceous flecks throughout.

6342 - 6385'

Limestone, grey, silicified, fragmental, fossiliferous with small amounts of fracture and fossil solution porosity; contains thin shale bands throughout and a band of dolomite, tan, silicified, with floating sand grains and bedded chert, grey at the top (see core reports #3, #4, & #5).

6385 - 6580'

Siltstone buff, very calcareous, argillaceous, tight, with very fine grained sandstone, tight in top 10'; minor silicified limestone bands and crinoid stems from 6500 - 6580'.

- 6580 - 6810' Siltstone, buff, very calcareous, argillaceous, tight, with limestone, silty and chert tan to grey.
- 6810 - 6845' Limestone, buff, silty to sandy, with minor siltstone, very calcareous and chert.
- 6845 - 6860' Limestone, buff, silty to sandy, with minor siltstone, very calcareous and chert.
- 6860 - 6880' Siltstone - sandstone, buff, very calcareous with limestone as above and chert.
- 6880 - 6920' Siltstone, brown, slightly to moderately calcareous and argillaceous, dense, hard; grades in places to limestone, very silty, slightly argillaceous; occasional sandstone grains throughout.
- 6920 - 6930' Siltstone, dark brown, dense, platy, very slightly calcareous and argillaceous; scattered sandstone grains.
- 6930 - 6950' Siltstone, brown, slightly calcareous, blocky.
- 6950 - 6970' Siltstone, light brown to brown, slightly argillaceous, moderately calcareous.
- 6970 - 6990' Limestone, brown to light brown, slightly silty, very argillaceous, fragmental, scattered sandstone grains with siltstone grading to shale, silty, very calcareous, brown - black, pyritic, minor quartz grains.

- 6990 - 7025' Shale, silty, micaceous, moderately calcareous, crinoid fragments, pyritic, with sub-rounded sandstone grains.
- 7025 - 7040' Shale, silty, micaceous, moderately calcareous, pyritic, crinoid fragments with siltstone, medium to dark brown, slightly argillaceous, slightly to moderately calcareous and minor sandstone grains.
- 7040 - 7070' Siltstone, brown, quartzose, moderately argillaceous and calcareous, minor very fine grained quartz grains, platy, grading to shale, calcareous at bottom.
- 7070 - 7130' Siltstone, brown, quartzose, moderately argillaceous and calcareous, minor very fine grained quartz grains, platy, grading to shale, minor limestone streaks dark brown to grey mottled.
- 7130 - 7180' Siltstone, dark brown, moderately calcareous, moderately argillaceous, pyritic, minor calcite filled fractures, with minor scattered quartz grains.
- 7180 - 7185' Siltstone brown to black as above, very argillaceous, grading to shale silty with chert.
- 7185 - 7190' Siltstone dark brown, moderately argillaceous as above with siltstone, buff to brown, mottled very calcareous, pyritic with chert as above.



- 7870 - 7888' Sandstone, brown to dark grey to black, very fine grained to fine grained, silty, chert and quartz grains, slightly to moderately calcareous, slightly argillaceous, pyritic, tight, siliceous cement; grades to shale, black sandy to silty.
- 7888 - 7900' Siltstone, brown to dark brown, blocky, moderately to very calcareous, quartzose, moderately argillaceous with sandstone, as above.
- 7900 - 7907' Sandstone, black, silty, slightly argillaceous, tight, grading to shale, black.
- 7907 - 7912' Sandstone, dark grey to black, salt and pepper, clear quartz and varicoloured chert grains, locally slightly dolomitic, fine grained to very coarse grained, grey to black chert pebbles, siliceous cement, tight.
- Towards bottom of interval - Bituminous infill, trace of intergranular porosity, trace of oil staining.
- 7912 - 7912.5' Sandstone, dark grey, salt and pepper, medium grained, clear quartz and grey to black chert grains, slightly calcareous, pyritic, grey and black chert pebbles, tight, abundant bituminous infill and coatings.
- 7912.5 - 7929' Sandstone, medium to dark grey, fine to medium grained, pebble conglomerate bands throughout, quartz and chert grains, subangular to subrounded, medium to poorly

sorted, siliceous cement matrix, pyritic, tight to poor intergranular porosity, gas bleeding, no oil or salt water.

7929 - 7937'

Sandstone, as above, pyritic with 15% shale, black, micromicaceous, fissile, pyritic, carbonaceous patches (plant imprints?), argillaceous sandstone bands grade to shale, sandy.

7937 - 7943'

Shale, as above, with 5% sandstone, as above, rare crinoid, thin pyrite replaced tubes (plants?).

7943 - 7947'

Shale, as above, (samples are poor due to caving).

7947 - 8085'

Shale, black, fissile, pyritic, with sandstone, quartz and chert grains, fine to coarse grained with minor pebble conglomerate bands, pyritic, silty matrix, siliceous cement, tight, locally argillaceous and calcareous.

SECTION III - Engineering Summary

(a) Report of Drill Stem Tests.

No.	Date	From	To	Formati...
	27-4-64	3175		Blackie Member

When drilling with air recovered gas at 460 Mcf/d decreasing to 139 Mcf/d in 48 hrs.

1	26-5-64	6351	6363 M.R.	Alder
2	29-5-64	6355	6371	Alder
3	2-8-64	7895	8085 M.R.	Alder
4	2-8-64	7895	8085 M.R.	Alder
5	3-8-64	7895	8085 M.R.	Alder
6	4-8-64	7895	8085 M.R.	Alder
7	4-8-64	7895	8085	Alder

*Company addresses  
charts lost.*

(b) Casing Record

Casing (inches)	Weight	Amount	Set At	Cement (sax)
18"	47.4 lbs/ft	81'	80'	100 + 3% CaCl <sub>2</sub>
13 3/8"	54.5 lbs/ft	33 Joints	1018'	750 + 2% CaCl <sub>2</sub>

SOCONY MOBIL OIL OF CANADA, LTD.

Sooport

BIT RECORD

Well White stone #N-26

Date Spudded April 7/64

Area Y.T.

Date Completed A

DATE	BIT No	BIT SIZE	TYPE	SERIAL No	JET SIZE	DEPTH		FOOT AGE	TIME HRS.	ACCUMULATED	ACCUMULATED	CONDITION	REMARKS
						FROM	TO			DRILLING TIME	REAMING TIME		
Apr 7/64	1	2 5/8	YHWB	L14:82	cutters	0	242	242	17	17		2-2-1	
Apr 8/64	2	2 5/8	YHWB	L14:384	cutters	242	522	764	20 1/4	37 1/4		2-2-1	
Apr 9/64	3	1 5/8	Pilot Reamer			0	83	83	6 1/4	6 1/4		3-2-1	
Apr 9/64	4	2 1/4	Pilot Reamer			0	80	80	11 1/4	18		2-2-1	
Apr 11/64	5	1 1/4	SP										
Apr 11/64	1	2 5/8	YHWB			83	522	605	37 1/4	41 1/2		4-2-1	In. Pa. Note
Apr 17/64	6	2 5/8	YHWB	L14:362	For	522	1025	503	37 1/4	74 1/2		3-2-1	
Apr 14/64	7	1 1/4	SP			83	1025	942	20 1/4	66 1/4		4-4-1	
Apr 15/64	8	1 1/4	SP			76	578	502	20	44 1/2		Locked	
Apr 15/64	9	1 1/4	SP			578	180	402	29 1/4	12 1/4		Locked	
Apr 15/64	10	1 1/4	SP			980	1017	37	5 1/4	17 1/4		2-2-1	

Run out April 21/64

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SOCONY MOBIL OIL OF CANADA, LTD. *Under Surface*

BIT RECORD

Well *Wh. to ... #1*

Date Spudded *April 7/64*

Area *Y.T.*

Date Completed

DATE	BIT No.	BIT SIZE	TYPE	SERIAL No.	JET SIZE	DEPTH		FOOT AGE	TIME HRS.	ACCUMULATED DRILLING TIME	ACCUMULATED REAMING TIME	CONDITION	REMARKS
						FROM	'O						
April 23	1	8 1/8	YHWA	14275	out	1025	2257	123	37 1/4	34 1/4		3-4-1	using Air
Apr 25	2	8 1/8	OWC	31432	out	2257	3448	441	12 1/2	51 3/4		3-4-0	Air
Apr 26	3	8 1/8	FE7X	31174	out	2698	3511	222	29 1/2	81 1/4		1-1-1	pull to core
Apr 28	4	6 1/2	A	3332	Koebel	3511	3520	9	2	83 1/4	2	1-1-1	Air
Apr 28	5	8 1/8	FE7X	64777	out	3520	507	1561	41 3/4	125		1-1-1	11 to core
Apr 30	6	6 1/2	R	3332	Koebel	5073	507	9	1 1/2	126 1/2	3 1/2	1-1-1	Air
May 1	7	8 1/8	FE7X	64873	R.A.	3520	5190	1678	48 1/4	133 1/2		1-1-1	Air
May 2	8	8 1/8	W7	35003	out							1-1-1	change over to mud
May 4	9	8 1/8	OWC	50122	out							1-4-1	get to bottom
May 6	10	8 1/8	OWC	57032	out	5190	5247	57	15 1/4	168 1/4		3-3-1	Bit sticking
May 7	11	8 1/8	W7	41411	"	5247	5270	23	13 1/4	202 1/2		2-3-1	viscosity
May 10	12	8 1/8	OWC	23761	"	5270	5348	77	15	217 1/2		1-2-1	above 400
May 12	13	8 1/8	S6C	18044	"	5348	5477	129	23 1/4	241 1/4		2-3-1	
May 13	14	8 1/8	OWC	61937	"	5477	5605	128	20	261 1/4		2-3-1	
May 14	15	8 1/8	OWC	65921	"	5605	5701	96	14 1/4	275 1/2		2-4-1	
May 15	16	8 1/8	OWC	65854	"	5701	5785	84	13 1/4	289 1/4		2-3-1	
May 16	17	8 1/8	OWC	65735	"	5785	5860	75	10 1/2	299 3/4		2-3-1	viscosity 300
May 17	18	8 1/8	OWC	66261	"	5860	5968	108	21 1/2	321		2-3-1	
May 18	19	8 1/8	OWC	26375	"	6068	6067	99	19 3/4	340 3/4		3-3-1	
May 19	20	8 1/8	OWC	26638	"	6067	6130	63	17 3/4	358 1/2		3-3-1	
May 20	21	8 1/8	OWC	37608	"	6130	6220	90	18 1/2	376 3/4		3-3-1	
May 21	22	8 1/8	OWC	58122	"	6220	6302	82	16 1/2	393 1/4		3-3-1	
May 22	23	6 1/2	W7	65332	"	6302	6348	46	10 1/2	403 1/2		4-2-0	top of Aides
May 23	24	1 1/2	A	ReRun		6348	6355	7	2 1/2		85		
May 24	25	6 1/2	A	ReRun		6355	6363	8	31		56		
May 25	26	8 1/8	YHWA	132537	out	6348	6363	15	14 3/4			3-3-0	Reamed
May 26	27	8 1/8	YHWA	132537	con	6363	6371	8	1/2				Reamed

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SOCONY MOBIL OIL OF CANADA, LTD.

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BIT RECORD

Well Whitestone - Mobil Oil

Date Spudded April 7/64

Area Yukon

Date Completed \_\_\_\_\_

DATE	BIT No.	BIT SIZE	TYPE	SERIAL No.	JET SIZE	DEPTH		FOOT AGE	TIME HRS.	ACCUMULATED DRILLING TIME	ACCUMULATED REAMING TIME	CONDITION	REMARKS
						FROM	TO						
May 27	51	6 1/2	S	4600		625	630	7	14		75	10' inside diamonds	
May 31	23	8 5/8	RG1X3	24077	34	6370	6400	29	214	42 1/4		1-1-1	
May 31	65	6 1/2	S			6400	6400	4	214		87 1/4	1-1-1	
June 1	44	8 5/8	YHNG	E34528	6400	6400	12			42 3/4		2-4-0	Reamed 91.5'
June 2	25	8 5/8	YHNG	E34252	6400	6421	6484	13	20 3/4	450 1/2		3-2-1	
June 3	26	8 5/8	YHNG	E34539		6484	6523	39	13 3/4	464 1/4		2-3-1	
June 4	72	4 1/8	Koebel	E3452		6523	6525	2			89 1/4	1-1-1	Cone Jammed
June 5	27	8 5/8	YHNG	E34253		6525	6577	54	21	485 1/4		3-2-1	Reamed 2'
June 6	28	8 5/8	YH	E24351		6579	6605	26	15 1/2	500 1/2		3-2-1	
June 7	29	8 5/8	YH	E24351		6605	6649	44	5 3/4	506 1/2		3-2-1	
June 7	30	8 5/8	YHNG	E34081		6649	6667	18	11 1/4	517 3/4		3-2-1	
June 8	31	8 5/8	YHNG	E34534		6669	6690	21	10 1/4	528		2-2-1	
June 9	32	8 5/8	YH	E24351	CON	6690	6740	50	15 1/2	543 1/2		3-2-1	
June 10	33	8 5/8	YH	E24349		6740	6782	42	15 1/2	559		3-2-1	
June 10	34	8 5/8	YH	E24348		6782	6821	39	14 1/2	573 1/2		3-2-1	
June 11	35	8 5/8	YH	E24350		6821	6860	39	16	589 1/2		3-2-1	
June 12	36	8 5/8	YH	E24353		6860	6890	30	14 1/2	604		2-2-1	
June 12	37	8 5/8	OWC	95410		6890	6918	28	10 3/4	614 3/4		2-2-1	
June 13	38	6 5/8	YH	E24355		6918	6946	29	12	626 3/4		2-2-1	
June 14	39	8 5/8	W7	71839		6946	6961	15	10	636 3/4		2-2-1	
June 14	40	8 5/8	YCGRB	3998		6961	6963	2	2	638 3/4		1-1-1	
June 15	41	8 5/8	OWC	38304		6963	6985	22	11 3/4	650 1/2		3-3-1	
June 16	42	8 5/8	OWC	49441		6985	7007	22	14 1/2	665		2-2-1	
June 17	43	8 5/8	OWC	61810		7007	7020	13	12 1/2	682 1/2		3-2-1	
June 18	44	6 1/8	Koebel	3252		7020	7093	73	4 1/4	687 3/4	9 1/2	Good	
June 19	44	8 5/8	OWC	66632		7093	7126	33	13	700 3/4		3-2-1	
June 20	45	8 5/8	YH	991555		7126	7168	42	16 1/2	717 1/2		3-2-1	

DISTRIBUTION: WHITE - TO CALGARY OFFICE; YELLOW - TO FIELD OFFICE; BLUE - FOR FILE

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SOCONY MOBIL OIL OF CANADA, LTD.

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BIT RECORD

Well Whitestone - Mobil Oil

Date Spudded April 7/64

Area Yukon

Date Completed \_\_\_\_\_

DATE	BIT No.	BIT SIZE	TYPE	SERIAL No.	JET SIZE	DEPTH		FOOT AGE	TIME HRS.	ACCUMULATED DRILLING TIME	ACCUMULATED REAMING TIME	CONDITION	REMARKS
						FROM	TO						
May 27	51	6 1/2	S	4600		625	630	7	14		75	10' inside diamonds	
May 31	23	8 5/8	RG1X3	24077	34	6370	6400	29	214	42 1/4		1-1-1	
May 31	65	6 1/2	S			6400	6400	4	214		87 1/4	1-1-1	
June 1	44	8 5/8	YHNG	E34528	6400	6400	12			42 1/4		2-4-0	Reamed 91.5'
June 2	25	8 5/8	YHNG	E34252	6400	6421	6484	13	20 3/4	450 1/2		3-2-1	
June 3	26	8 5/8	YHNG	E34539		6484	6523	39	13 3/4	464 1/4		2-3-1	
June 4	72	4 1/8	Koebel	E3502		6523	6525	2	2		89 1/4	1-1-1	Cone Jammed
June 5	27	8 5/8	YHNG	E34253		6525	6577	54	21	485 1/4		3-2-1	Reamed 2'
June 6	28	8 5/8	YH	E24351		6579	6605	26	15 1/2	500 1/2		3-2-1	
June 7	29	8 5/8	YH	E24351		6605	6649	44	5 3/4	506 1/2		3-2-1	
June 7	30	8 5/8	YHNG	E34081		6649	6667	18	11 1/4	517 3/4		3-2-1	
June 8	31	8 5/8	YHNG	E34534		6669	6690	21	10 1/4	528		2-2-1	
June 9	32	8 5/8	YH	E24351	CON	6690	6740	50	15 1/2	543 1/2		3-2-1	
June 10	33	8 5/8	YH	E24349		6740	6782	42	15 1/2	559		3-2-1	
June 10	34	8 5/8	YH	E24348		6782	6821	39	14 1/2	573 1/2		3-2-1	
June 11	35	8 5/8	YH	E24350		6860	6860	39	16	589 1/2		3-2-1	
June 12	36	8 5/8	YH	E24353		6890	6890	30	14 1/2	604		2-2-1	
June 12	37	8 5/8	OWC	95410		6918	6918	28	10 3/4	614 3/4		2-2-1	
June 13	38	6 5/8	YH	E24355		6946	6946	29	12	626 1/4		2-2-1	
June 14	39	8 5/8	W7	71839		6961	6961	15	10	636 3/4		2-2-1	
June 14	40	8 5/8	YCGRB	3998		6963	6963	2	2	638 3/4		1-1-1	
June 15	41	8 5/8	OWC	38304		6985	6985	22	11 3/4	650 1/2		3-3-1	
June 16	42	8 5/8	OWC	49441		7007	7007	14 1/2	14 1/2	665		2-2-1	
June 17	43	8 5/8	OWC	61810		7020	7020	31	17 1/2	682 1/2		3-2-1	
June 18	44	6 1/8	Koebel	32502		7023	7023	3	1 1/4	687 3/4	9 1/2	Good	
June 19	44	8 5/8	OWC	66632		7126	7126	33	13	700 3/4		3-2-1	
June 20	45	8 5/8	YH	991555		7168	7168	42	16 1/2	717 1/2		3-2-1	

DISTRIBUTION: WHITE - TO CALGARY OFFICE; YELLOW - TO FIELD OFFICE; BLUE - FOR FILE

Page #3

SOCONY MOBIL OIL OF CANADA, LTD.

BIT RECORD

Well Whitestone

Date Spudded \_\_\_\_\_

Area \_\_\_\_\_

Date Completed \_\_\_\_\_

DATE	BIT No.	BIT SIZE	TYPE	SERIAL No.	JET SIZE	DEPTH		FOOT AGE	TIME HRS.	ACCUMULATED DRILLING TIME	ACCUMULATED REMAINING TIME	CONDITION	REMARKS	
						FROM	TO							
June 20	46	8 1/2	OWC	14211	CON	7168	7185	15	8 1/2	725 3/4		4-2-1		
"	21	47	YH	892571	CON	7185	7195	12	8 1/4	734		4-2-1		
	22	48	YCG	3998	PC Run	7195	7254	59	33	767		3-4-1		
	23	49	RG15	689	2 1/2	7254	7278	24	19 1/4	786 1/2				
	25	50	YHWG	E54250	Con		7317	39	21 3/4	808		3-2-1		
	25	51	YHWG	E54255	Con		7342	25	15 1/2	823 1/2		3-2-1		
	26	52	M4L	743287	Con		7351	9	8 1/2	832		4-2-0		
	27	53	YCG	RB-1345	Con		7407	56	32 3/4	844 1/4		4-2-1		
	28	54	YCG	RB-3999	Con		7450	43	17 3/4	882 1/2		4-2-1		
	29	55	H9J	705603	3/4		7477	27	11	893 1/2		2-3-0		
30	56	6 1/2	◇	333-2		7477	7486	9	8 1/4	102 3/4		Good		
July 1	56	8 1/2	RG3	RA-6522	Con	Reamed 6' - 5 1/2 hrs						Good		
	2	57	8 1/2	YHWG	E54254	Con	7486	7512	26	12	905 1/2		3-2-1	
	2	58	8 1/2	OWC	38299	Con		7532	20	12 1/4	917 1/4		3-2-1	
	4	59	8 1/2	OWU	45856	Con		7538	6	2	919 3/4		2-2-1	lost Circ.
	6	60	8 1/2	W7	35003	C/O		7591	23	16 1/2	936 1/4		3-2-1	
	7	61	8 1/2	YM	N94914	C/O		7618	27	14 3/4	951		3-2-1	
	8	62	8 1/2	W7	17054	C/O		7639	21	9 1/4	960 1/4		3-2-1	STUCK - 10 hrs
	10	63	8 1/2	YHWG	293271	C/O		7689	50	17 1/2	977 1/4		3-2-1	
	10	64	8 1/2	YM	N94917	C/O		7721	32	14 3/4	992 1/2		3-2-1	
	11	65	8 1/2	YHWG	24713	C/O		7736	15	6	998 1/2		4-2-0	Pinched
	12	66	8 1/2	W7R	74630	C/O		7741	5	1 1/4			1-2-0	Pinched
	12	67	8 1/2	YHWG	E24011	C/O		7741	5	1 1/4	999 1/4		1-2-0	Pinched
	12	67	8 1/2	W7R	74632	C/O		7764	23	9 1/4	1009		2-1-1	
	13	68	8 1/2	YM	N94915	C/O		7794	30	14	1023		3-2-1	
	15	69	8 1/2	W7	68838	C/O		7820	26	12	1035		3-2-1	
	16	70	8 1/2	YHWG	NS4085	C/O		7848	28	10 1/2	1045 1/2		3-2-1	

DISTRIBUTION: WHITE - TO CALGARY OFFICE; YELLOW - TO FIELD OFFICE; BLUE - FOR FILE



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SOCONY MOBIL OIL OF CANADA, LTD.

BIT RECORD

Well Whitestone  
Area Eagle Plains

Date Spudded April 7/64  
Date Completed July 27/64

DATE	BIT No.	BIT SIZE	TYPE	SERIAL No.	JET SIZE	DEPTH		FOOT AGE	TIME HRS.	ACCUMLATED DRILLING TIME	ACCUMLATED REAMING TIME	CONDITION	REMARKS
						FROM	TO						
July 16	71	8 7/8	YHWG	E54251	C/O	7863	15	6 1/2	1052			3-2-1	
July 17	72	8 7/8	YHWG	E54086	C/O	7877	14	7 1/4	1057 1/4			3-2-1	
18	70	6 1/8	◇	333-2		7878	1	1 1/2		104 1/2			Lost Core 6.0 m hole.
19	73	8 7/8	WTR	74630	C/O								From To Top of P. sh.
19	74	8 1/4	SERVCO	C850-41	Shoe								wash over P. sh.
21	75	8 7/8	WTR	36510	C/O	7878	7878	10	5 1/4	1064			3-2-1
23	76	8 7/8	YHWG	E34535	C/O	7912	24	11 1/2	1086				3-2-1 Pulled to Con.
23	11	6 1/8	◇	19515		7913	1	2 1/2		106 3/4			Would not
24	12	6 1/8	◇	5632		7912	7943	31	15 3/4		120 1/2		Now
25	77	8 7/8	W7	74509	C/O	7943	7947	4	3 1/4	1089 1/2			Remained 31' Rathole
26	78	8 7/8	YHWG	E54084	C/O	7947	8003	56	19 1/4	1108 1/2			
79	87	8 7/8	WVU	66633	C/O	8003	8085	82	18 3/4	1127 1/2			
80	87	8 7/8	YM	N 1926	C/O								Clean out Erips to Log -
						TD 8085 - 6:30 AM - July 27/64							
						Total Drilling hrs - 1127 1/4							
						Total Coring hrs - 120 1/2							

DISTRIBUTION: WHITE - TO CALGARY OFFICE; YELLOW - TO FIELD OFFICE; BLUE - FOR FILE

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SOCONY MOBIL OIL OF CANADA, LTD.

BIT RECORD

Well Whitestone  
Area Eagle Plains

Date Spudded April 7/64  
Date Completed July 27/64

DATE	BIT No.	BIT SIZE	TYPE	SERIAL No.	JET SIZE	DEPTH		FOOT AGE	TIME HRS.	ACCUMLATED DRILLING TIME	ACCUMLATED REAMING TIME	CONDITION	REMARKS
						FROM	TO						
July 16	71	8 5/8	YHWG	E54251	C/O	7863	15	6 1/2	1052			3-2-1	
July 17	72	8 5/8	YHWG	E54086	C/O	7877	14	7 1/4	1057 1/4			3-2-1	
18	70	6 1/8	Δ	333-2		7878.1		1 1/2		104 1/2			Lost Core 6.0 m hole.
19	73	8 7/8	WTR	74630	C/O								Clean out <del>to top of fish</del> To Top of Fish.
19	74	8 1/4	SERVCO	C850-41	Shoe								wash over fish.
21	75	8 5/8	WTR	36510	C/O	7878	7878	10	5 1/4	1064			3-2-1
23	76	8 7/8	YHWG	E34535	C/O	7912	24	11 1/2	1086				3-2-1 Pulled to Con.
23	11	6 1/8	Δ	19515		7913	1	2 1/2		106 3/4			Would not
24	12	6 1/8	Δ	5632		7912	7943	31	15 3/4		120 1/2		Now
25	77	8 7/8	W7	74509	C/O	7943	7947	4	3 1/4	1089 1/2			Remained 31' Rathole 1/2 in
26	78	8 7/8	YHWG	E54084	C/O	7947	8003	56	19 1/4	1108 1/2			
79	87	8 7/8	WVU	66633	C/O	8003	8085	82	18 3/4	1127 1/2			
80	87	8 7/8	YM	N 1926	C/O								Clean out trips to log -
						TD 8085 - 6:30 AM - July 27/64							
						Total Drilling hrs - 1127 1/4							
						Total Coring hrs - 120 1/2							

DISTRIBUTION: WHITE - TO CALGARY OFFICE; YELLOW - TO FIELD OFFICE; BLUE - FOR FILE

(e) Deviation Records

<u>Depth</u>	<u>Deviation</u>	<u>Depth</u>	<u>Deviation</u>
60'	1/4°	4510'	5°
100'	1/4°	4540'	8 1/2°
211'	1/2°	4570'	7 3/4°
304'	1/4°	4635'	8°
429'	1/2°	4697'	7 1/2°
490'	1/4°	4792'	7 1/2°
548'	1/2°	4854'	7 1/2°
640'	1/2°	4918'	7 1/2°
765'	1/2°	4980'	8°
891'	1/2°	5042'	7 1/2°
1025'	1/8°	5150'	8°
1100'	1/2°	5228'	8 1/2°
1200'	1/2°	5290'	7 1/2°
1635'	3/4°	5321'	8 1/2°
1900'	1°	5416'	8 1/2°
2289'	3/4°	5500'	8°
2570'	1°	5655'	8°
2900'	1 1/2°	5760'	7 1/2°
3000'	1/2°	5845'	7°
3130'	3/4°	6030'	7 1/2°
3530'	1°	6228'	7 1/2°
3820'	1/2°	6475'	6 1/2°
3945'	3/4°	7120'	6 1/2°
4242'	3 1/2°	7475'	6°
4480'	8°	7845'	6°

(f) Abandonment Plugs

Plug #1 8085-7880 67 sax cement with 12% Gel  
Plug #2 6393-6292 67 sax cement with 2% CaCl<sub>2</sub> felt at 6280  
Plug #3 2748-2648 67 sax cement with 2% CaCl<sub>2</sub> felt at 2645  
Plug #4 1068- 968 70 sax cement with 2% CaCl<sub>2</sub> felt at 945  
Plug #5 5 sax cement at surface and install steel plate.

(g) Lost Circulation Zones

Depth 7538 Hours Lost 493

Material Used: 37700# Gel

10000# Fibertex

4000# Walnut

500# Pluggit

5450# Cellophane

625# Cellex

300# QBroxin

(h) Report of Blowouts

Nil

SECTION IV - Logs

Run No.	Date	Type of Log	From	To
1	30-7-64	Induction Electrical	8070	1018
1	30-7-64	Sonic Gamma Ray-Caliper	8084	00
1	30-7-64	Velocity Survey	8084	1018

SECTION V - Analysis

(a) Core Analysis

Nil

(b) Water Analysis

Nil

(c) Gas Analysis

Lab No.	Sample	From	To	Source	Remarks
CBH-2-GA-1268	#1	approx.	3175'	Blocie line	Gas Analysis shows 94.72% by Volume: minor Carbon Dioxide, Ethane, Propane, Isobutane, N-Butane, Isopentane, Hexanes and Heptanes

(d) Oil Analysis

Nil

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SECTION VI - Completion Summary

Not applicable.



CORE LABORATORIES CANADA LTD

PATH FINDER RESERVOIR ENGINEERING

CALGARY, ALBERTA

GAS ANALYSIS



Company **Socony Mobil Oil of Canada, Ltd.**  
 Well **Socony Mobil W Minerals Whitestone YT N-26**  
 Field **Eagle Plains Area, Yukon**  
 Location **66° 05' 59" N.L., 138° 20' W.L.**

Page **1 of 1**  
 File **CM-2-0A-1268**  
 Analysts **D.R.**  
 Date **June 9, 1964**

SAMPLING CONDITIONS

Formation **Depths Approx. 3175' K.B.**  
 Sampled from **By Client**  
 Date Sampled **April 29/64** Date Received **June 4/64** Date Analyzed **June 5/64**  
 Pressure **30** psia Temperature **F** Atmospheric Temp **°F**

~~Flow Rate~~ **Flow rate @ time of sampling - 139 mcf/d**  
 Method of Analysis **Chromatograph**

COMPONENT	MOL %	Pressure in Container <b>20</b> psia @ <b>72°F</b> when received in laboratory	
NITROGEN			
CARBON DIOXIDE	0.18		
HYDROGEN SULFIDE	-	U.S. Gal. @ 14.65 and 60°F	Imp. Gal. at 14.65 and 60°F
METHANE	94.72		
ETHANE	3.50		
PROPANE	1.05	0.289	0.240
ISOBUTANE	0.15	0.049	0.041
N-BUTANE	0.23	0.072	0.060
ISOPENTANE	0.06	0.022	0.018
N-PENTANE	0.04	0.014	0.012
HEXANES	0.03	0.012	0.010
Heptanes+	0.04	0.018	0.015
TOTAL	100.00	0.476	0.396
		0.066	0.055
Vapor pressure (Calculated) (actual Pentanes)		11.9 Psia @ 100°F	
Hydrogen Sulphide (Grains per 100 cu. ft.)			
Gross Heating Value (B.T.U. per SCF)		1,068.4 psia & 60°F at 14.65	1,065.1 psia & 60°F at 14.65
Specific Gravity (Measured)		Calculated 0.592	

REMARKS

The above datum complies with requirements of the Alberta Oil and Gas Conservation Board.



3000 MILL Hill of Canada Ltd.  
COMPANY

WHITSTONE YT-N-26  
WELL NAME AND NUMBER

1  
TEST No.

May 20, 1954  
DATE

**LYNES UNITED SERVICES LTD.**

104 - 61st AVENUE S.E., SUB. P.O. 28, CALGARY, ALBERTA

**SERVICE REPORT**

**LYNES UNITED SERVICES LTD.**  
 104 - 61 Avenue S.E.  
 CALGARY, ALBERTA

Phone: AL 5-8011

COMPANY: 3      FORMATION: \_\_\_\_\_      TICKET No.: \_\_\_\_\_

WELL LOCATION: W. 10th St. 700      AREA: \_\_\_\_\_

TEST No.: \_\_\_\_\_      DATE: Mar 25 1968      INTERVAL: \_\_\_\_\_      TOTAL DEPTH: \_\_\_\_\_

KB ELEVATION: \_\_\_\_\_      TYPE of TEST: \_\_\_\_\_

MAIN HOLE SIZE: 5 5/8      RAT HOLE SIZE: \_\_\_\_\_      CUSHION: \_\_\_\_\_      TEMPERATURE: \_\_\_\_\_

MUD WEIGHT: \_\_\_\_\_      VISCOSITY: \_\_\_\_\_      WATER LOSS: \_\_\_\_\_      DRILL PIPE SIZE: \_\_\_\_\_

PRE-FLOW PERIOD: \_\_\_\_\_      DRILL COLLARS: \_\_\_\_\_      FT.

INITIAL SHUT-IN PERIOD: \_\_\_\_\_      DRILL COLLARS, I.D.      O.D.

FLOW PERIOD: \_\_\_\_\_      BOTTOM HOLE CHOKE SIZE \_\_\_\_\_

FINAL SHUT-IN PERIOD: \_\_\_\_\_      PACKER RUBBER SIZE: \_\_\_\_\_

BLOW: \_\_\_\_\_

RECOVERY: \_\_\_\_\_

PRESSURE READINGS:	INSIDE		OUTSIDE		INSIDE		OUTSIDE		
	REC. No.	CAPACITY	DEPTH	REC. No.	CAPACITY	DEPTH	REC. No.	CAPACITY	DEPTH
INITIAL HYDRASTATIC -	1			1			1		
PRE-FLOW -	2			2			2		
INITIAL SHUT-IN -	3			3			3		
INITIAL FLOW -	4			4			4		
FINAL FLOW -	5			5			5		
FINAL SHUT-IN -	6			6			6		
FINAL HYDRASTATIC -	7			7			7		

REMARKS: \_\_\_\_\_

**LYNES UNITED SERVICES LTD.**  
 104 - 61 Avenue S.E.  
 CALGARY, ALBERTA

Phone: AL 5-8011

COMPANY: 3 FORMATION: \_\_\_\_\_ TICKET No.: \_\_\_\_\_

WELL LOCATION: W. 1000 AREA: \_\_\_\_\_

TEST No.: \_\_\_\_\_ DATE: 10/25/68 INTERVAL: \_\_\_\_\_ TOTAL DEPTH: \_\_\_\_\_

KB ELEVATION: \_\_\_\_\_ TYPE OF TEST: \_\_\_\_\_

MAIN HOLE SIZE: 5 5/8 RAT HOLE SIZE: \_\_\_\_\_ CUSHION: \_\_\_\_\_ TEMPERATURE: \_\_\_\_\_

MUD WEIGHT: \_\_\_\_\_ VISCOSITY: \_\_\_\_\_ WATER LOSS: \_\_\_\_\_ DRILL PIPE SIZE: \_\_\_\_\_

PRE-FLOW PERIOD: \_\_\_\_\_ DRILL COLLARS: \_\_\_\_\_ FT.

INITIAL SHUT-IN PERIOD: \_\_\_\_\_ DRILL COLLARS, I.D. \_\_\_\_\_ O.D. \_\_\_\_\_

FLOW PERIOD: \_\_\_\_\_ BOTTOM HOLE CHOKE SIZE \_\_\_\_\_

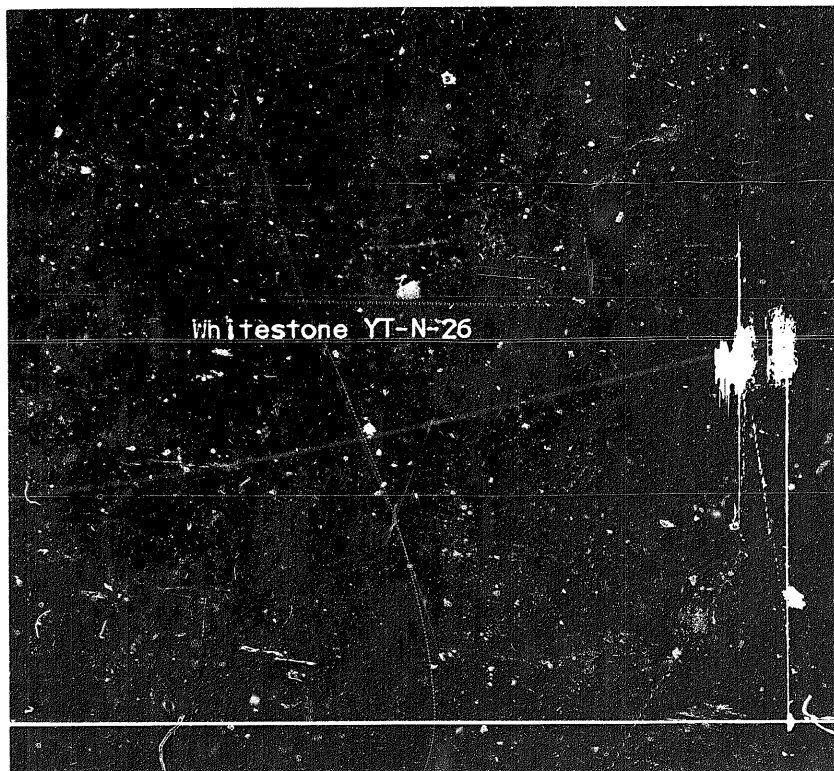
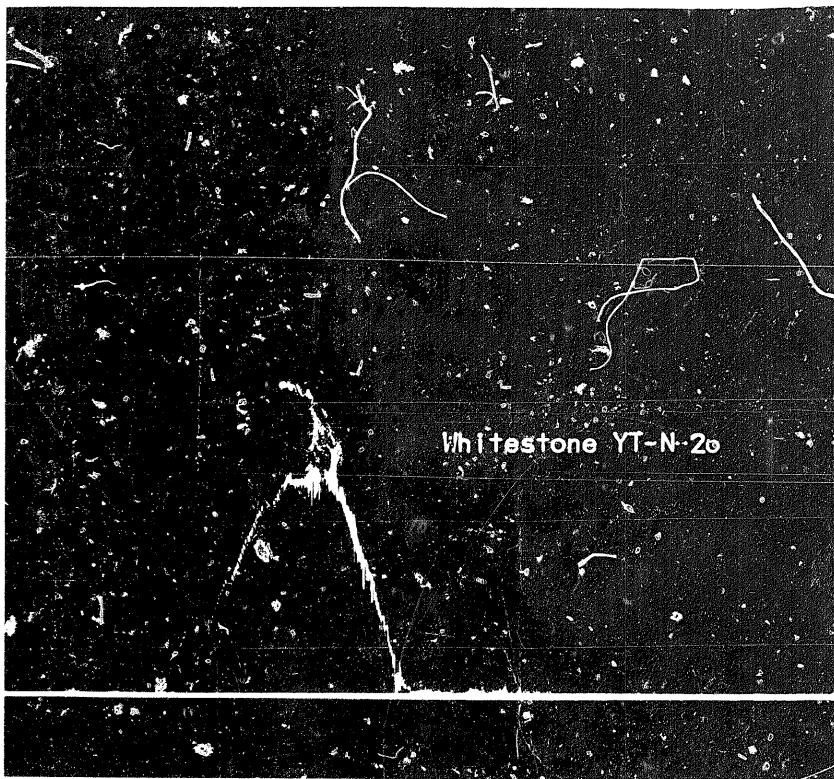
FINAL SHUT-IN PERIOD: \_\_\_\_\_ PACKER RUBBER SIZE: \_\_\_\_\_

BLOW: \_\_\_\_\_

RECOVERY: \_\_\_\_\_

PRESSURE READINGS:	INSIDE		OUTSIDE		INSIDE		OUTSIDE		
	REC. No.	CAPACITY	DEPTH	REC. No.	CAPACITY	DEPTH	REC. No.	CAPACITY	DEPTH
INITIAL HYDRASTATIC -	1			1			1		
PRE-FLOW -	2			2			2		
INITIAL SHUT-IN -	3			3			3		
INITIAL FLOW -	4			4			4		
FINAL FLOW -	5			5			5		
FINAL SHUT-IN -	6			6			6		
FINAL HYDRASTATIC -	7			7			7		

REMARKS: \_\_\_\_\_



WELL NAME AND NUMBER \_\_\_\_\_ DATE \_\_\_\_\_

Socony Mobil Oil of Canada Ltd.  
COMPANY

SMM WHITESTONE YT-N-26  
WELL NAME AND NUMBER

2  
TEST No.

May 29, 1964  
DATE

**LYNES UNITED SERVICES LTD.**

104 - 61st AVENUE S.E., SUB. P.O. 28, CALGARY, ALBERTA

**SERVICE REPORT**

# LYNES UNITED SERVICES LTD.

104 - 61 Avenue S.E.  
CALGARY, ALBERTA

Phone: AL 5-8011

COMPANY: Socony Mobil Oil of Canada FORMATION: \_\_\_\_\_ TICKET No.: \_\_\_\_\_

WELL LOCATION: SNWM Whitestone Y1-N-26 AREA: Yukon

TEST No.: 2 DATE: May 29, 1964 INTERVAL: 6351 - 6371 TOTAL DEPTH: 6371

KB ELEVATION: \_\_\_\_\_ TYPE OF TEST: Bottom Hole

MAIN HOLE SIZE: 8 5/8 RAT HOLE SIZE: \_\_\_\_\_ CUSHION: \_\_\_\_\_ TEMPERATURE: Bricker

MUD WEIGHT: 10.5 VISCOSITY: 341 WATER LOSS: 5.1 DRILL PIPE SIZE: 4 1/2 IF

PRE-FLOW PERIOD: 4 minutes DRILL COLLARS: \_\_\_\_\_ Ft.

INITIAL SHUT-IN PERIOD: 60 minutes DRILL COLLARS, I.D. 2 1/8 O.D. \_\_\_\_\_

FLOW PERIOD: 120 minutes BOTTOM HOLE CHOKE SIZE: \_\_\_\_\_

FINAL SHUT-IN PERIOD: 60 minutes PACKER RUBBER SIZE: 1 1/2

BLOW: Good initial puff. Slight air flow; dead in 10 minutes.

RECOVERY: 225 feet slightly gassed mud.

PRESSURE READINGS:	INSIDE:	OUTSIDE	INSIDE:	OUTSIDE	INSIDE:	OUTSIDE
	REC. No.	944	REC. No.	2109	REC. No.	
	CAPACITY:	5750	CAPACITY:	5750	CAPACITY:	
	DEPTH:		DEPTH:		DEPTH:	
INITIAL HYDRASTATIC -	1.	3577		3581	1.	
PRE-FLOW -	2.	137		290	2.	
INITIAL SHUT-IN -	3.	2050		2170	3.	
INITIAL FLOW -	4.	159			4.	
FINAL FLOW -	5.	199			5.	
FINAL SHUT-IN -	6.	1665			6.	
FINAL HYDRASTATIC -	7.	3441		3446	7.	

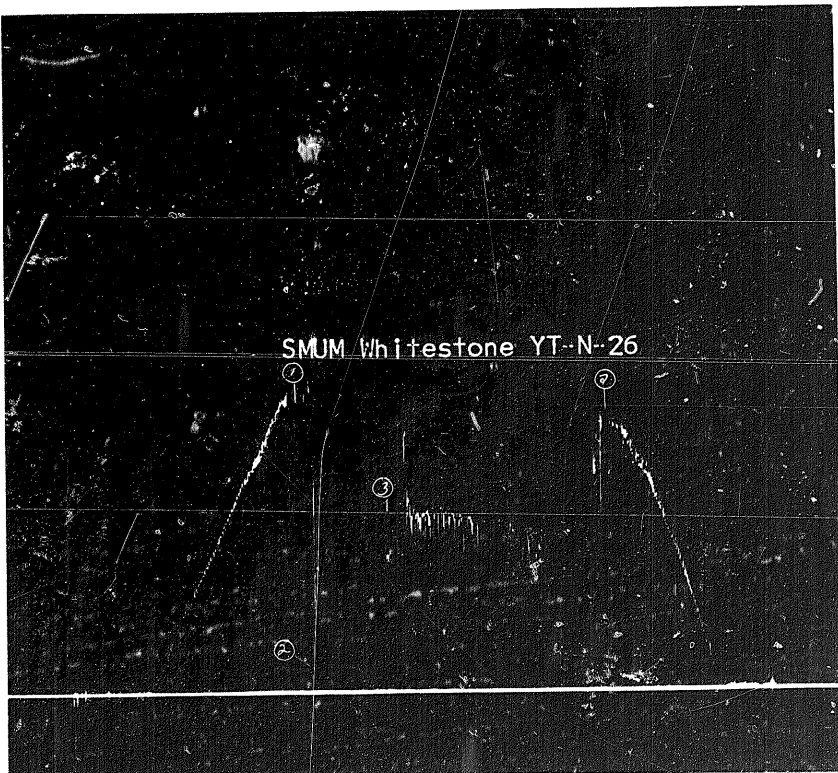
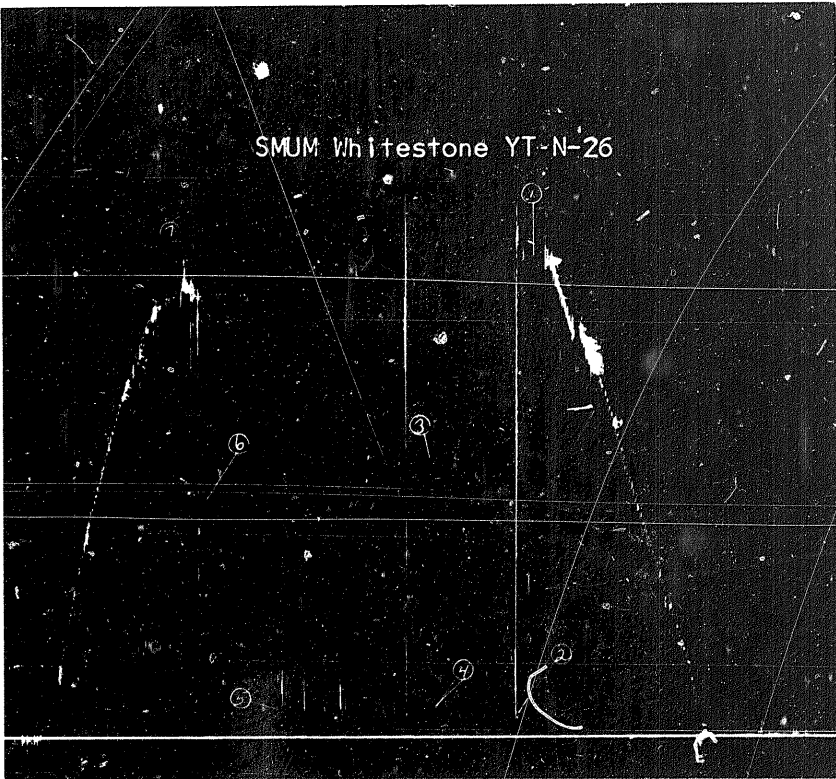
REMARKS: Test successful. Repeat test after 15 minutes; no blow.

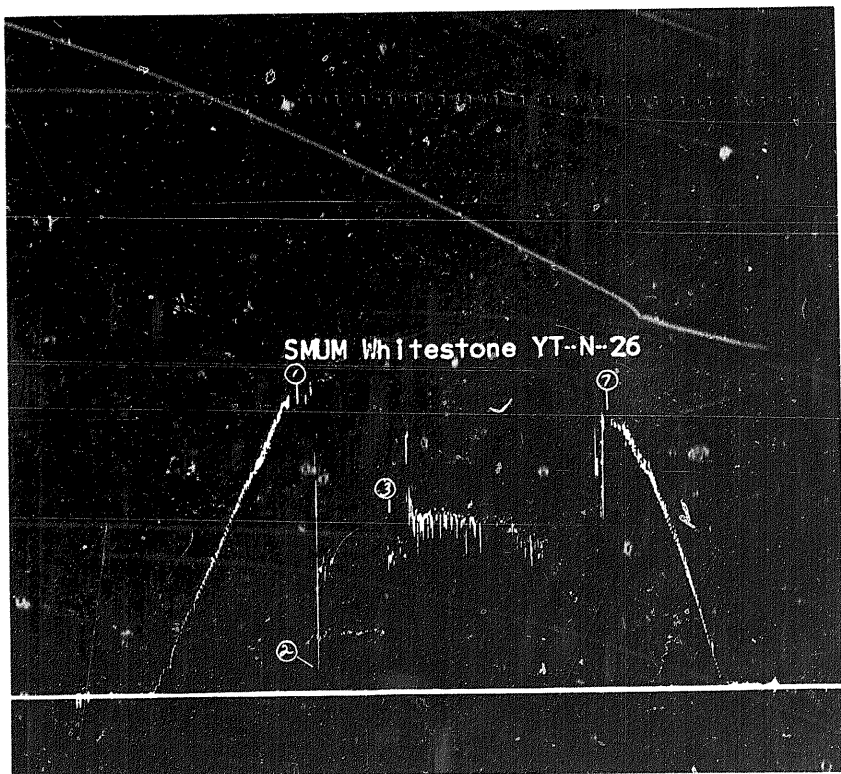
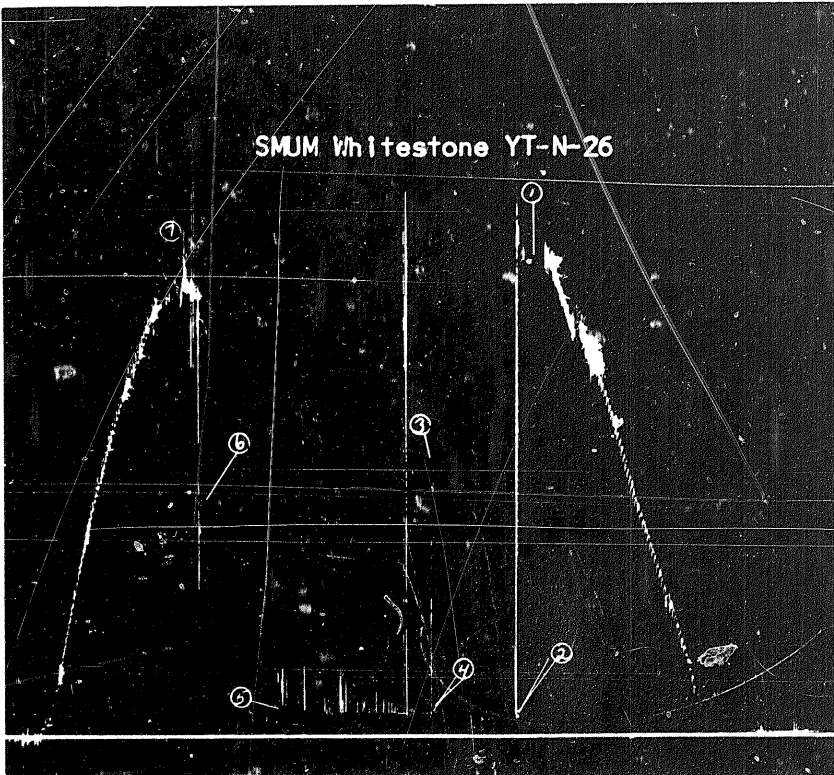
Socoony Mobil Oil of Canada Ltd.  
COMPANY

SMUM WHITESTONE YT-N-26  
WELL NAME AND NUMBER

2  
TEST No.

May 29, 1964  
DATE





SMJM Whitestone YT-N-26  
 1518



Secony Mobil Oil of Canada Limited  
COMPANY

SMM WHITESTONE Y1 N-26  
WELL NAME AND NUMBER

7  
TEST No.

August 3, 1964  
DATE

**LYNES UNITED SERVICES LTD.**

104 - 61st AVENUE S.E., CALGARY, ALBERTA

**SERVICE REPORT**

# LYNES UNITED SERVICES LTD.

104 - 61 Avenue S.E.  
CALGARY, ALBERTA

Phone: AL 5-8011

COMPANY: Socony Mobil Oil of Canada FORMATION: \_\_\_\_\_ TICKET No.: \_\_\_\_\_

WELL LOCATION: SMWM WHITESTONE YT N-26 AREA: Yukon

TEST No.: 7 DATE: August 3, 1964 INTERVAL: 2:05 - 6:05 TOTAL DEPTH: 2085

KB ELEVATION: \_\_\_\_\_ TYPE OF TEST: Bottom Hole Formation

MAIN HOLE SIZE: 2" RAT HOLE SIZE: \_\_\_\_\_ CUSHION: \_\_\_\_\_ TEMPERATURE: \_\_\_\_\_

MUD WEIGHT: 10.2 VISCOSITY: 500 WATER LOSS: 5.0 DRILL PIPE SIZE: 4 1/2"

PRE-FLOW PERIOD: 3 minutes DRILL COLLARS: \_\_\_\_\_ FT.

INITIAL SHUT-IN PERIOD: 60 minutes DRILL COLLARS, I.D. \_\_\_\_\_ O.D. \_\_\_\_\_

FLOW PERIOD: 60 minutes BOTTOM HOLE CHOKE SIZE: 1/2"

FINAL SHUT-IN PERIOD: 60 minutes PACKER RUBBER SIZE: 7 1/2"

BLOW: Good initial puff. Blow for 3 minutes. Initial shut-in one hour. Weak blow throughout test. Pulled loose with 250,000 lbs. and some jarring.

RECOVERY: 135 feet of mud.

PRESSURE READINGS:	INSIDE:	OUTSIDE	INSIDE:	OUTSIDE	INSIDE	OUTSIDE
	REC. No.		REC. No.		REC. No.	
		944		2509		
	CAPACITY.	1750	CAPACITY.	1750	CAPACITY.	
	DEPTH.		DEPTH.		DEPTH.	
INITIAL HYDRASTATIC -	1.	1211	1.	4214	1.	
PRE-FLOW -	2.	86	2.	87	2.	
INITIAL SHUT-IN -	3.	810	3.	111	3.	
INITIAL FLOW -	4.	100	4.	104	4.	
FINAL FLOW -	5.	100	5.	104	5.	
FINAL SHUT-IN -	6.	100	6.	201	6.	
FINAL HYDRASTATIC -	7.	1211	7.	4214	7.	

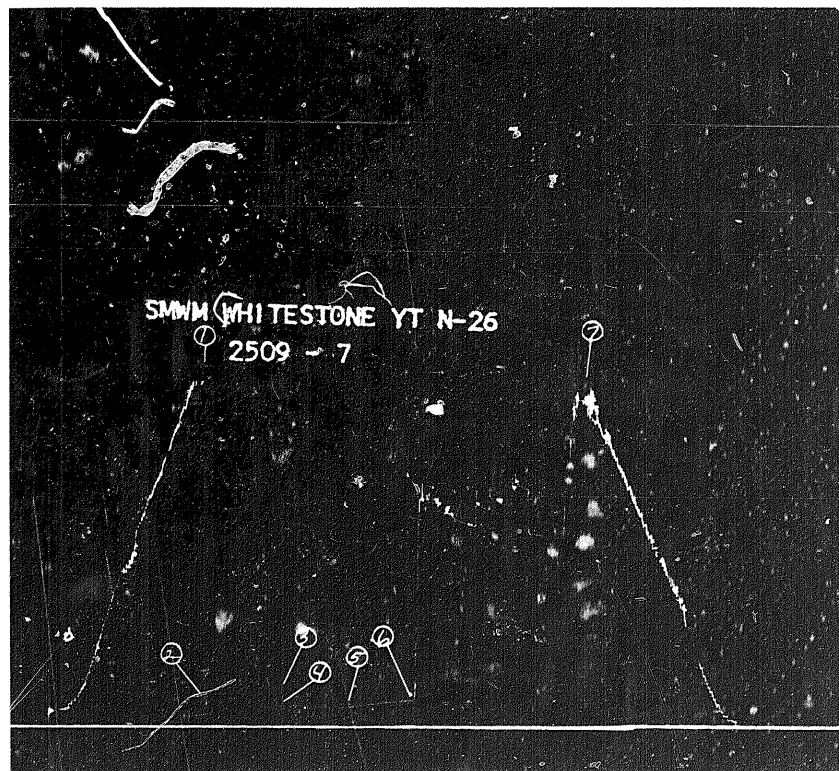
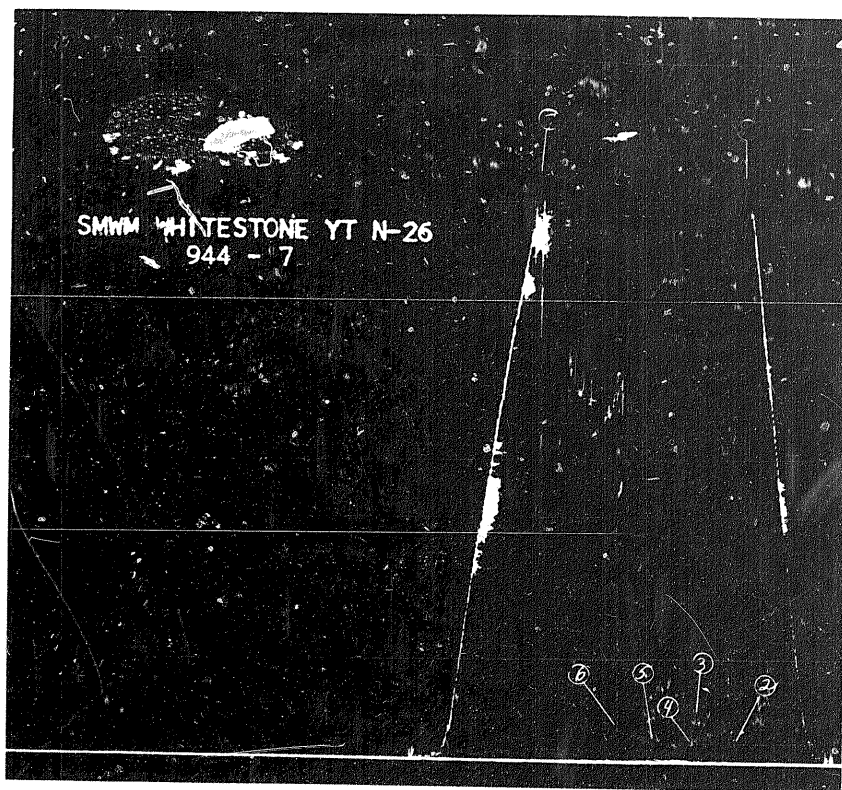
\*REMARKS: Test successful. Test run by Johnson Testers Ltd.

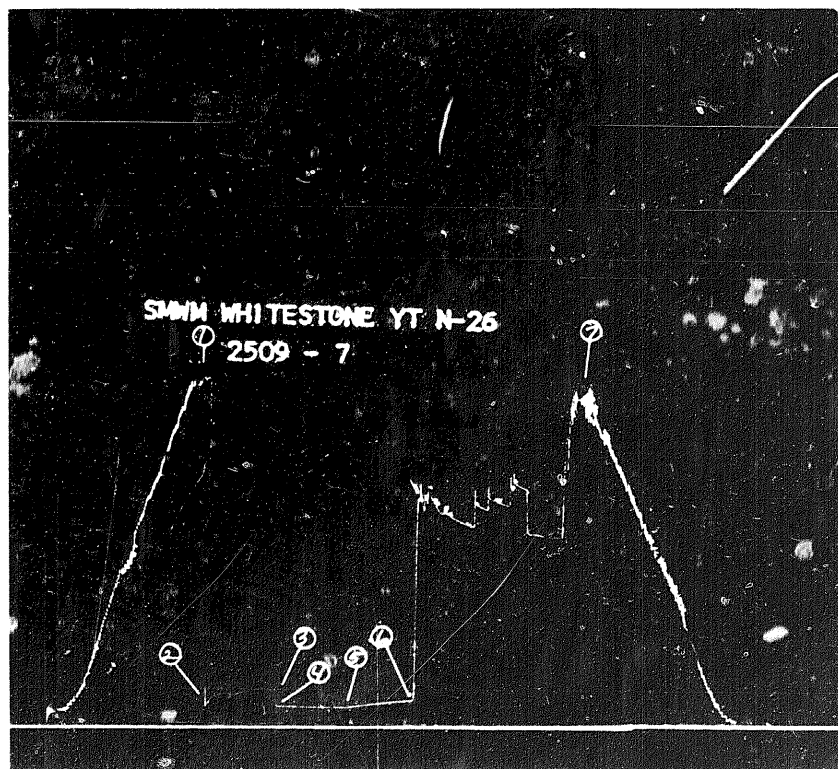
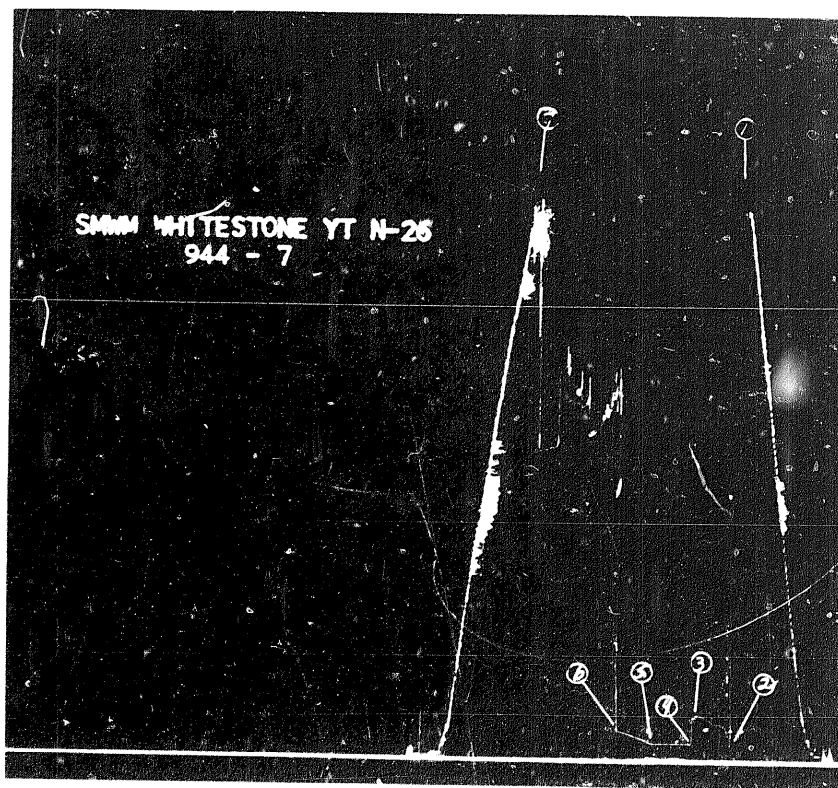
Socoony Mobil Oil of Canada Limited  
COMPANY

SMWM WHITESTONE YT N-26  
WELL NAME AND NUMBER

7  
TEST No.

August 3, 1964  
DATE





WELL NAME AND NUMBER TEST No DATE