T.G. EASTLAND — testers ltd.

R.R. No. 6, NORTH EDMONTON, ALBERTA

Test No. 5
Date Apr. 25/71
Ticket No. 1896

SERVICE REPORT

WELL NAME SORC WME Porcupine YT1-13 ADDRESS 400 - 5 Avenue S.W. - Calgary
AREA Yukon L.S.D. YT1-13 INVOICE TO Chevron Standard Limited
CONTR. & RIG No. GP Drilling T/PUSH CUSTOMER'S REPRESENTATIVE

Date & Time Requested
Call Arr.
Start. in 2:00am On Bott. 6:45 am
Pull Loose 11:15 Out Hole 4:00 pm

TESTING DATA

Zone Tested Tight hole
Interval 7800 to 8004 T.D. 8004
Int. Casing: Size 13-3/8 wgt. 54.5 grade J55
Feet of Main Hole 8004 Diam 8-3/4
Feet of Rat Hole Diam.
Type of Test Bottom hole
Packers: No. 2 O.D. Conv. 8"
Type of Packers Conventional
Drill Pipe: Size - Thread 4½ FH
Drill Collars: I.D. 2-7/8 O.D. 7"
No. Ft: Collars 495 D.P. 7478
No. Feet Drill Pipe Above Table 24 ft.
Ft. & Type Cushion
Was Tool Chased no No. Ft.
Weight Set on Packers 20,000
Did Fluid Drop no No. Ft.
Describe

Preset 30 min. Time Tool Opened 7:12
Preflow 3 min. Init. Shut-in 30 min.
Flowed 90 min. Final Shut-in 120 min.
Pull Loose 40,000 lbs. Swabbing? no
Drilling Fluid Type Gel
Visc. 130 Wgt. 10.4 W.L. 6.8 F.C. 2/32

DESCRIPTION OF BLOW DURING TEST

Good blow thoughout test.
Gas to surface in 5 mins.

Blow Measured with: Pitot Tube ☒
Fluid Used: Water ☒ Mercury ☐ Side Static ☐
Flow Prover ☐ Gauge ☐ Size Gauge ..... lbs.

Time	Choke	Reading	MCF/Day
8:15	1"	1"	34.69
8:30	1"	2"	49.00
8:45	1"	07-2.2	51.45
9:00	1"	2"	49.00

FLUID RECOVERY (In Feet)

Pipe Collars 186 Total 186
Mud X Oil Water
Describe Fluids: Recovered 186 ft. of drilling mud.

Sampler Drained: On Location ☐ Laboratory ☐
Sampler Press. lbs.
Bottom Hole Temp. °F
Salinity of Recovery P.P.M.
Salinity of Mud Filtrate P.P.M.

TOOL SEQUENCE & EQUIP. USED

Tools	Length	O.D.
Critical Flow Prover		
Floor Manifold	yes	
Meter Run		
Remote Control Head	yes	
Pump Out Sub	2.70	
Cross Over Subs		
Tight Hole Tool		
Dry Collar Valve		
Cross Over Sub	.85	
Test Assembly	11.45	
Sampler	4.90	
Jars & COS	8.80	5-3/4
[redacted] recorder	5.04	
Safety Joint	2.70	
Packer	5.55	
Packer	4.77	
TOTAL	46.76	
Perfs	42.55	
COS	1.90	
Recorder	5.06	
Drill collar	155.26	
TOTAL	204.77	
TOTAL PICKED UP	251.53	

FIELD PRESSURE DATA

Pressure Element No.	3806	3805		
Element Capacity (psig)	8000	8000		
Clock Speed (Hrs.)	24	24		
Depth of Bellows	7786	7814		
Position (Inside - Outside)	Inside	Outside		
Initial Hydrostatic	4481	4485		
Preflow Pressure	118	120		
Initial Shut-In	1330	1333		
First Flow—Choke Size	64	68		
Second Shut-In				
Second Flow—Choke Size	107	110		
Final Shut-In	2370	2374		
Final Hydrostatic	4363	4371		

1. Cross-over sub to bottom of top rubbers 46.76
2. Bottom of top rubbers to top of lower
3. Top of lower to bottom of lower rubbers
4. Bottom of lower rubbers to Total Depth
5. Bottom of top rubbers to Total Depth 204.77

(Delete measurement No. 5 if Straddle)
(Delete No. 2 - 3 - 4 if Std. bottom hole)

Total amount of customer's anchor 155.26
No. of Damaged Rubbers and Sizes
No. Samplers Retained No. of Reports Required 10
Mileage: Highway Bush Total
Waiting Time Stand by to test from Apr. 23 - 24/71 -- 2 days

REMARKS:

APPROVED BY TEST WAS: Successful/[redacted] OUR OPERATOR B. Mischke

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DST #5
April 25, 1971
Element #3806

ATTACHMENT NO. 1

I. Initial Shut-In

Time	Pressure
0 mins.	118
3	366
6	555
9	698
12	823
15	924
18	1024
21	1119
24	1203
27	1276
30	1330

II. Final Shut-In

Time	Pressure
0 mins.	115
3	213
6	296
9	369
12	437
15	495
18	563
21	630
24	692
27	756
30	818
33	876
36	930
39	991
42	1047
45	1102
48	1164
51	1223
54	1276
57	1336
60	1388
63	1441
66	1488
69	1545
72	1595
75	1646
78	1697
81	1743
84	1791
87	1836
90	1886
93	1934
96	1981
99	2030
102	2072
105	2119
108	2167
111	2214
114	2261
117	2315
120	2370

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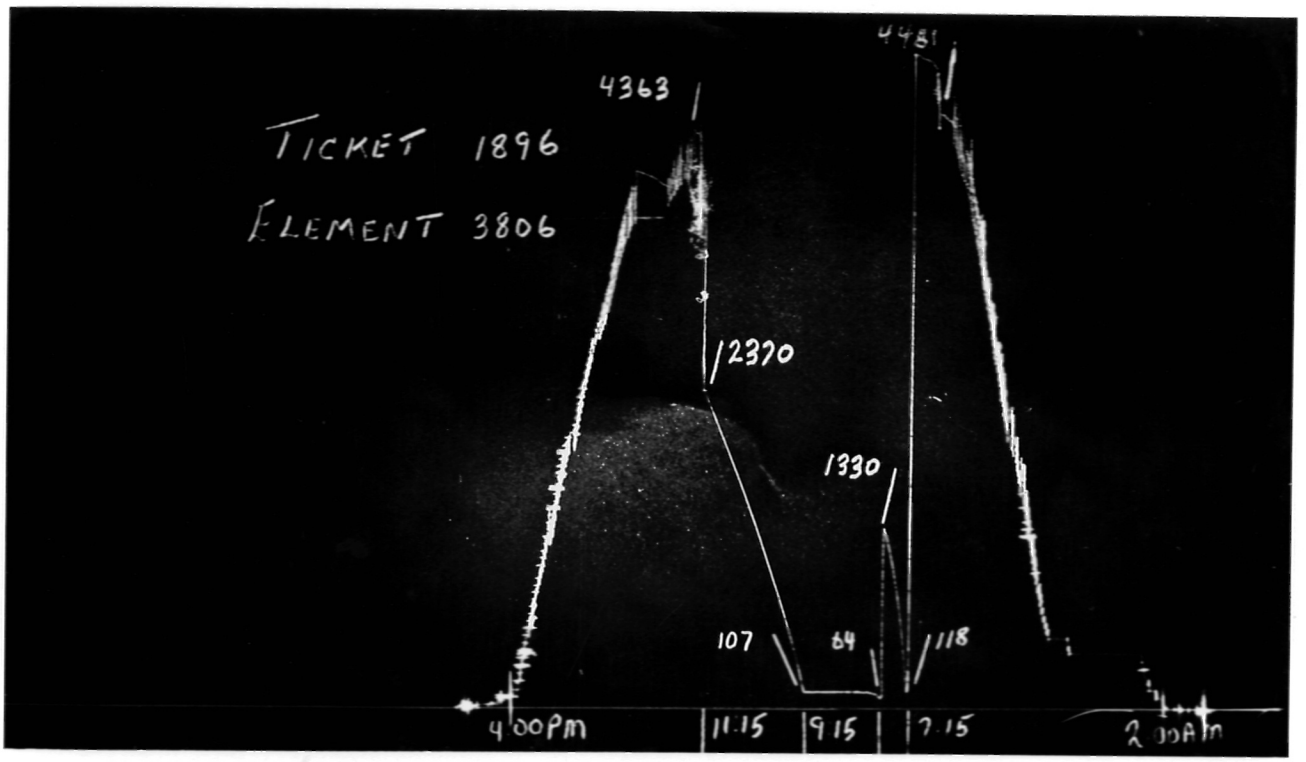
WELL NAME SOBC WME Porcupine YT1-13

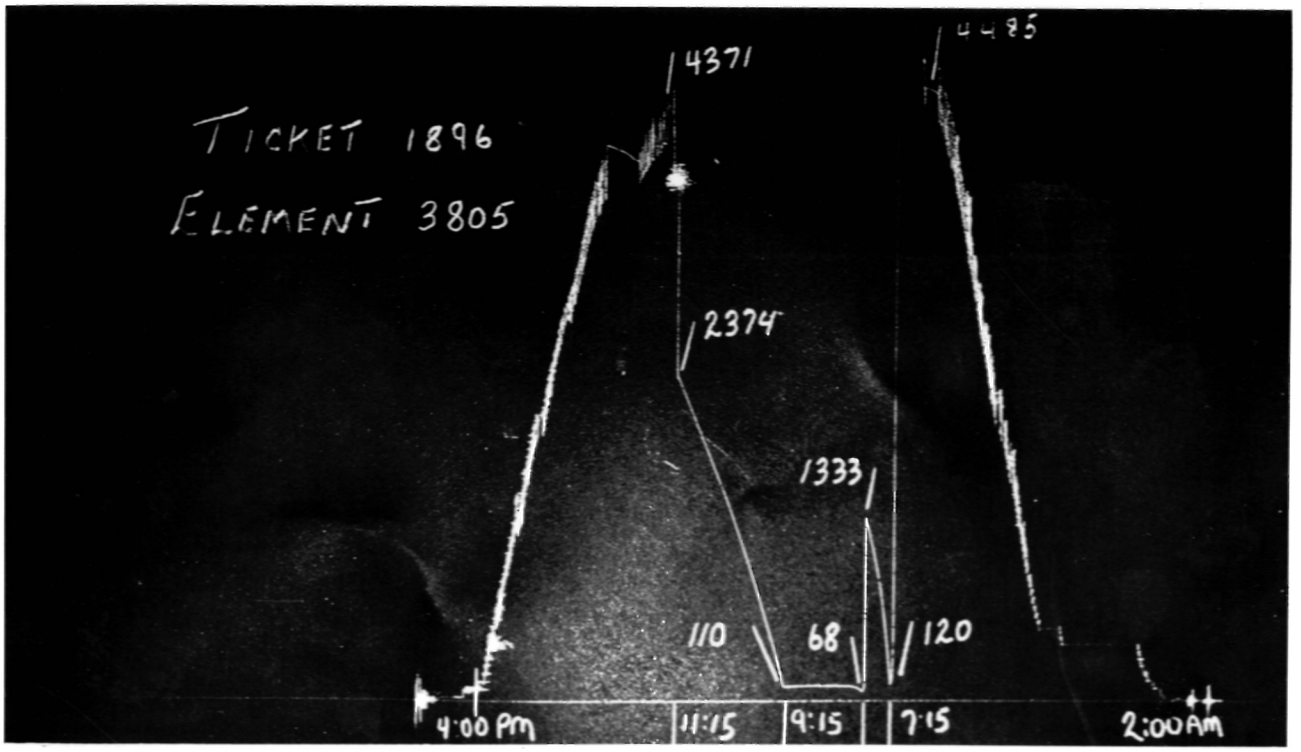
RECORDER No. 3806 ELEMENT RANGE 8000 P.S.I. CHART SPEED 24 HRS. RECORDER DEPTH 7786



PRESSURE

TIME

RECORDER No. 3805 ELEMENT RANGE 8000 P.S.I. CHART SPEED 24 HRS. RECORDER DEPTH 7814



PRESSURE

TIME