Company Aspen Oil, Inc. Lease & Well No. #2 Father Flanagan

Elevation 1706 Kelly Bushing Formation Lansing Effective Pay -- Ft. Ticket No. 2464

Date 7/9/79 Sec. 8 Twp. 19S Range 9W County Rice State Kansas

Test Approved by Lee H. Cornell Western Representative Roger Lisenby

Formation Test No. 1 Interval Tested from 2880 ft. to 2905 ft. Total Depth 2905 ft.

Packer Depth 2875 ft. Size 6 3/4 in. Packer Depth 2880 ft. Size 6 3/4 in.

Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set --

Top Recorder Depth (Inside) 2897 ft. Recorder Number 1051 Cap. 4250

Bottom Recorder Depth (Outside) 2900 ft. Recorder Number 969 Cap. 4200

Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor B. & N. Drilling Rig #16 Drill Collar Length 449 I. D. 2¼ in.

Mud Type starch Viscosity 40 Weight Pipe Length -- I. D. -- in.

Weight 9.8 Water Loss 12.0 cc. Drill Pipe Length 2409 I. D. 3.8 in.

Chlorides 76,000 P.P.M. Test Tool Length 22 ft. Tool Size 5½ in.

Jars: Make -- Serial Number -- Anchor Length 25 ft. Size 5½ in.

Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4½XH in.

Blow: Good blow, steady throughout first opening. Fair blow, decreasing through second opening.

Recovered 180 ft. of gas

Recovered 15 ft. of mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 10:40 ~~A.M.~~ P.M. Time Started Off Bottom 1:42 A.M. ~~P.M.~~ Maximum Temperature 108

Initial Hydrostatic Pressure ..... (A) 1536 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 73 P.S.I. to (C) 52 P.S.I.

Initial Closed In Period ..... Minutes 30 (D) 65 P.S.I.

Final Flow Period ..... Minutes 60 (E) 56 P.S.I. to (F) 52 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 65 P.S.I.

Final Hydrostatic Pressure ..... (H) 1517 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 7/9/79 Test Ticket No. 2464

Recorder No. 1051 Capacity 4250 Location 2897 Ft.

Clock No. -- Elevation 1706 Kelly Bushing Well Temperature 108 °F

Point		Pressure	
A	Initial Hydrostatic Mud	1536	P.S.I.
B	First Initial Flow Pressure	73	P.S.I.
C	First Final Flow Pressure	52	P.S.I.
D	Initial Closed-in Pressure	65	P.S.I.
E	Second Initial Flow Pressure	56	P.S.I.
F	Second Final Flow Pressure	52	P.S.I.
G	Final Closed-in Pressure	65	P.S.I.
H	Final Hydrostatic Mud	1517	P.S.I.

	Time Given	Time Computed
Open Tool	10:40P M	
First Flow Pressure	30 Mins.	30 Mins.
Initial Closed-in Pressure	30 Mins.	30 Mins.
Second Flow Pressure	60 Mins.	60 Mins.
Final Closed-in Pressure	60 Mins.	60 Mins.

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Mins.	Press.
P 1 0	73
P 2 5	73
P 3 10	65
P 4 15	58
P 5 20	54
P 6 25	53
P 7 30	52
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	52
3	52
6	52
9	52
12	52
15	52
18	54
21	55
24	58
27	61
30	65

Second Flow Pressure
Breakdown: 12 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	56
5	55
10	54
15	54
20	54
25	54
30	54
35	54
40	54
45	54
50	52
55	52
60	52

Final Shut-In
Breakdown: 20 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	52
3	52
6	52
9	52
12	52
15	52
18	54
21	54
24	56
27	59
30	59
33	61
36	63
39	65
42	65
45	65
48	65
51	65
54	65
57	65
60	65

TKt #2464
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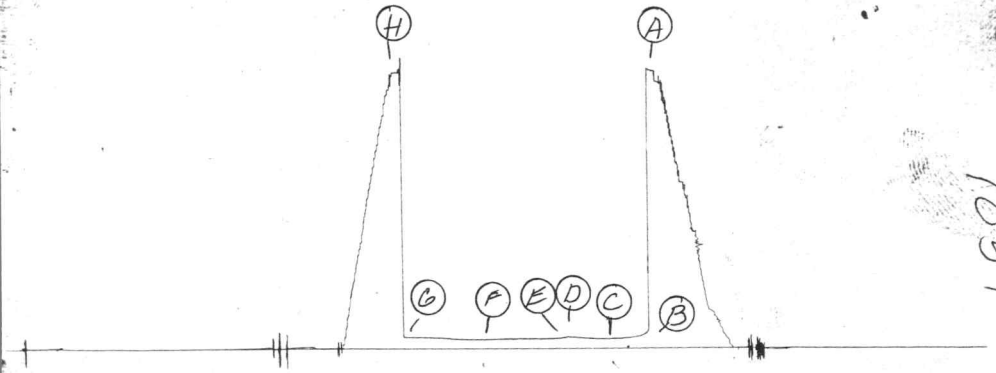

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