Company Brandt Oil Company — Lease & Well No. Farber #5

Elevation TIGHT — Formation Simpson — Effective Pay --- Ft. — Ticket No. 7737

Date 10/7/80 — Sec. 17 — Twp. 29S — Range 2E — County Sedgwick — State Kansas

Test Approved by Earl O. Brandt — Western Representative Kenny Kirkendall

Formation Test No. 1 — Interval Tested from 3484 ft. to 3501 ft. — Total Depth 3501 ft.

Packer Depth 3484 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Packer Depth 3479 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3489 ft. — Recorder Number 2605 — Cap. 4150

Bottom Recorder Depth (Outside) 3493 ft. — Recorder Number 1560 — Cap. 4500

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

Drilling Contractor Brandt Drlg. Rig #1 — Drill Collar Length 150 — I. D. - in.

Mud Type chemical — Viscosity 50 — Weight Pipe Length - — I. D. - in.

Weight 9.2 — Water Loss N/A cc. — Drill Pipe Length 3311 — I. D. - in.

Chlorides N/A P.P.M. — Test Tool Length 23 ft. — Tool Size 5½ in.

Jars: Make No — Serial Number - — Anchor Length 17 ft. — Size 5½ in.

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

Main Hole Size 7 7/8 in. — Tool Joint Size 3½IF in.

Blow: Good blow throughout test.

Recovered 1109 ft. of free gassy oil

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 2:45 A.M. P.M. — Time Started Off Bottom 4:45 A.M. P.M. — Maximum Temperature 117°

Initial Hydrostatic Pressure			(A)	1690	P.S.I.	
Initial Flow Period	Minutes 30		(B)	42	P.S.I. to (C) 169	P.S.I.
Initial Closed In Period	Minutes 30		(D)	1259	P.S.I.	
Final Flow Period	Minutes 30		(E)	232	P.S.I. to (F) 328	P.S.I.
Final Closed In Period	Minutes 33		(G)	1281	P.S.I.	
Final Hydrostatic Pressure			(H)	1671	P.S.I.	

WESTERN TESTING CO., INC.
Pressure Data

Date 10/7/80 Test Ticket No. 7737

Recorder No. 2605 Capacity 4150 Location 3489 Ft.

Clock No. ----- Elevation Tight Hole Well Temperature 117 °F

Point		Pressure			Time Given		Time Computed	
A	Initial Hydrostatic Mud	1690	P.S.I.	Open Tool	2:45	M		
B	First Initial Flow Pressure	42	P.S.I.	First Flow Pressure	30	Mins.	30	Mins.
C	First Final Flow Pressure	169	P.S.I.	Initial Closed-in Pressure	30	Mins.	30	Mins.
D	Initial Closed-in Pressure	1259	P.S.I.	Second Flow Pressure	30	Mins.	30	Mins.
E	Second Initial Flow Pressure	232	P.S.I.	Final Closed-in Pressure	30	Mins.	33	Mins.
F	Second Final Flow Pressure	328	P.S.I.					
G	Final Closed-in Pressure	1281	P.S.I.					
H	Final Hydrostatic Mud	1671	P.S.I.					

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1 0	42
P 2 5	46
P 3 10	73
P 4 15	99
P 5 20	127
P 6 25	152
P 7 30	169
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	169
3	1011
6	1150
9	1207
12	1232
15	1244
18	1250
21	1252
24	1255
27	1257
30	1259

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

Point Minutes	Press.
0	232
5	227
10	237
15	258
20	281
25	301
30	328

Final Shut-In
Breakdown: 11 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	328
3	1062
6	1209
9	1240
12	1253
15	1261
18	1267
21	1273
24	1277
27	1281
30	2181
33	1281

2605

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