

Company Gear Petroleum Company Lease & Well No. Seltman #1
 Elevation App. 2290 Ground Level Cherokee Sand Formation Effective Pay -- Ft. Ticket No. 1275
 Date 4/26/79 Sec. 20 Twp. 19S Range 19W County Rush State Kansas
 Test Approved by E. B. Donnelly Western Representative Rod Tritt

Formation Test No. 1 Interval Tested from 4245' ft. to 4262' ft. Total Depth 4262' ft.
 Packer Depth 4240 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4245 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set --

Top Recorder Depth (Inside) 4247 ft. Recorder Number 2604 Cap. 4150
 Bottom Recorder Depth (Outside) 4250 ft. Recorder Number 6074 Cap. -
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Red Tiger Rig # 4 Drill Collar Length - I. D. - in.
 Mud Type starch Viscosity 55 Weight Pipe Length 465 I. D. 2 1/2 in.
 Weight 10.2 Water Loss 8.0 cc. Drill Pipe Length 3739 I. D. 3.8 in.
 Chlorides 40,000 P.P.M. Test Tool Length 31' in. Tool Size 5 1/2 OD in.
 Jars: Make WTC Serial Number 408 Anchor Length 27' ft. Size 5 1/2 OD 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 4 1/2 FH in.

Blow: Weak blow on initial flow period. Weak blow building to fair blow on final flow period.

Recovered 190 ft. of water cut mud
 Recovered 200 ft. of muddy water
 Recovered - ft. of -
 Recovered - ft. of -
 Recovered - ft. of -

Remarks: Tool hard to pull loose; went right to bottom.

Time Set Packer(s) 5:50 ~~AM~~ P.M. Time Started Off Bottom 8:20 ~~AM~~ P.M. Maximum Temperature 123
 Initial Hydrostatic Pressure (A) 2395 P.S.I.
 Initial Flow Period Minutes 30 (B) 53 P.S.I. to (C) 75 P.S.I.
 Initial Closed In Period Minutes 30 (D) 935 P.S.I.
 Final Flow Period Minutes 45 (E) 149 P.S.I. to (F) 179 P.S.I.
 Final Closed In Period Minutes 45 (G) 939 P.S.I.
 Final Hydrostatic Pressure (H) 2386 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 4/26/79
 Recorder No. 2604 Capacity 4150 Test Ticket No. 1275
 Clock No. -- Elevation 2290 Location 4247 Ft.
 Well Temperature 123 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2395	P.S.I.	5:50P	M
B First Initial Flow Pressure	53	P.S.I.	30	Mins. 30 Mins.
C First Final Flow Pressure	75	P.S.I.	30	Mins. 30 Mins.
D Initial Closed-in Pressure	935	P.S.I.	45	Mins. 45 Mins.
E Second Initial Flow Pressure	149	P.S.I.	45	Mins. 45 Mins.
F Second Final Flow Pressure	179	P.S.I.		
G Final Closed-in Pressure	939	P.S.I.		
H Final Hydrostatic Mud	2386	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>15</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	0	0	75	0	149	0	179
P 2	5	3	579	5	145	3	607
P 3	10	6	882	10	143	6	866
P 4	15	9	903	15	144	9	889
P 5	20	12	916	20	147	12	903
P 6	25	15	922	25	155	15	914
P 7	30	18	927	30	160	18	920
P 8		21	931	35	167	21	924
P 9		24	933	40	173	24	927
P10		27	934	45	179	27	930
P11		30	935			30	933
P12						33	935
P13						36	936
P14						39	937
P15						42	938
P16						45	939
P17							
P18							
P19							
P20							

2604 DST #1

TKT # 1225
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