



Home Office: Wichita, Kansas 67201

P.O. Box 1599

(316) 262-5861

Company J. A. Allison Lease & Well No. Cramer #1
 Elevation 1360 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 13202
 Date 3/9/82 Sec. 6 Twp. 27S Range 1W County Sedgwick State Kansas
 Test Approved by Phil Hart Western Representative Robert Davis

Formation Test No. 1 Interval Tested from 3411 ft. to 3420 ft. Total Depth 3420 ft.

Packer Depth 3411 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3406 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3416 ft. Recorder Number 13268 Cap. 4225

Bottom Recorder Depth (Outside) 3420 ft. Recorder Number 1049 Cap. 4250

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

Drilling Contractor DNB Drlg. Rig #3 Drill Collar Length 559 I. D. - in.

Mud Type chemical Viscosity 46 Weight Pipe Length - I. D. - in.

Weight 9.0 Water Loss 11.2 cc. Drill Pipe Length 2834 I. D. - in.

Chlorides 1,200 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.

Jars: Make - Serial Number - Anchor Length 9 ft. Size 5 1/2 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 XH in.

Blow: Fair increasing to strong throughout test.

Recovered 1470 ft. of gas in pipe

Recovered 150 ft. of free oil (44 gravity)

Recovered 60 ft. of oil and gas cut mud 10% oil

Recovered 60 ft. of oil and gas cut mud 5% oil

Recovered 60 ft. of oil cut muddy water 1% oil (Chlorides 42,000 ppm)

Remarks:

Time Set Packer(s) 8:40 A.M. Time Started Off Bottom 11:10 A.M. Maximum Temperature 116°
 Initial Hydrostatic Pressure (A) 1620 P.S.I.
 Initial Flow Period Minutes 30 (B) 70 P.S.I. to (C) 86 P.S.I.
 Initial Closed In Period Minutes 42 (D) 1094 P.S.I.
 Final Flow Period Minutes 30 (E) 143 P.S.I. to (F) 147 P.S.I.
 Final Closed In Period Minutes 48 (G) 1010 P.S.I.
 Final Hydrostatic Pressure (H) 1620 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

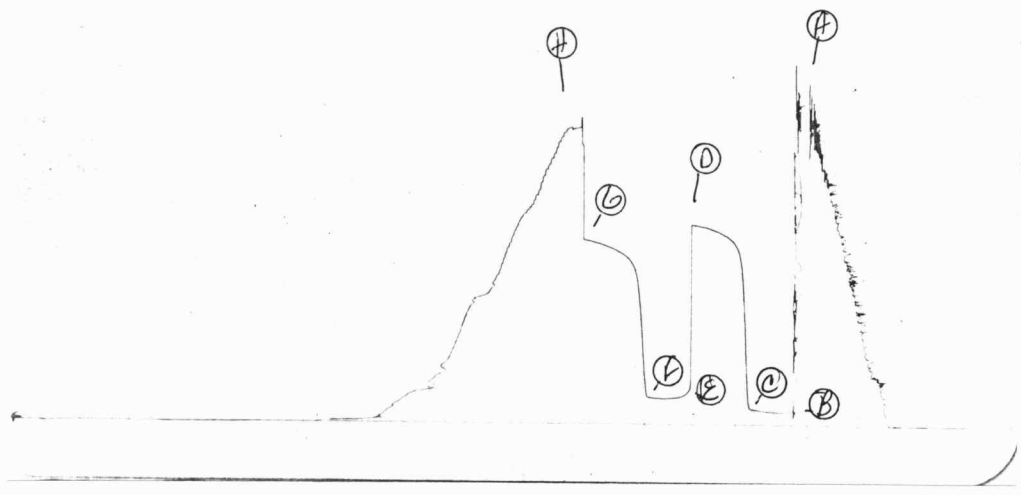
Date 3/9/82 Test Ticket No. 13202
 Recorder No. 13268 Capacity 4225 Location 3416 Ft.
 Clock No. -- Elevation 1360 Kelly Bushing Well Temperature 116 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1620	P.S.I.	8:40	M
B First Initial Flow Pressure	70	P.S.I.	30	Mins. 30
C First Final Flow Pressure	86	P.S.I.	45	Mins. 42
D Initial Closed-in Pressure	1094	P.S.I.	30	Mins. 30
E Second Initial Flow Pressure	143	P.S.I.	45	Mins. 48
F Second Final Flow Pressure	147	P.S.I.		
G Final Closed-in Pressure	1010	P.S.I.		
H Final Hydrostatic Mud	1620	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>14</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>16</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	86	0	143	0	147
P 2	5	3	485	5	143	3	363
P 3	10	6	864	10	143	6	689
P 4	15	9	964	15	143	9	840
P 5	20	12	1002	20	143	12	885
P 6	25	15	1020	25	144	15	913
P 7	30	18	1034	30	147	18	930
P 8		21	1046			21	943
P 9		24	1059			24	957
P10		27	1065			27	966
P11		30	1074			30	974
P12		33	1081			33	984
P13		36	1084			36	991
P14		39	1091			39	997
P15		42	1094			42	1003
P16						45	1007
P17						48	1010
P18							
P19							
P20							

SR# 13202
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This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1603	1620	PSI
(B) First Initial Flow Pressure	64	70	PSI
(C) First Final Flow Pressure	74	86	PSI
(D) Initial Closed-in Pressure	1075	1094	PSI
(E) Second Initial Flow Pressure	117	143	PSI
(F) Second Final Flow Pressure	117	147	PSI
(G) Final Closed-in Pressure	1002	1010	PSI
(H) Final Hydrostatic Mud	1603	1620	PSI