



Home Office: Wichita, Kansas 67201

P.O. Box 1599

(316) 262-5861

Company Alma, Inc.

Lease & Well No. #1 "B" Irma

Elevation --- Formation Simpson Sand Effective Pay ---- Ft. Ticket No. 18059

Date 2/16 /83 Sec. 10 Twp. 23S Range 15W County Pawnee State Kansas

Test Approved by James C. Musgrove Western Representative Gregory Saffa

Formation Test No. 3 Interval Tested from 4030 ft. to 4096 ft. Total Depth 4096 ft.

Packer Depth 4025 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 4030 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4055 ft. Recorder Number 3659 Cap. 4000

Bottom Recorder Depth (Outside) 4056 ft. Recorder Number 13401 Cap. 4000

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

Drilling Contractor Mustang drilling Rig #1 Drill Collar Length 124 I. D. 2.2 in.

Mud Type starch Viscosity 44 Weight Pipe Length - I. D. - in.

Weight 9.8 Water Loss 10.4 cc. Drill Pipe Length 3885 I. D. 3.8 in.

Chlorides 29,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 in.

Jars: Make - Serial Number - Anchor Length 66 ft. Size 5 1/2 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 4 1/2 XH in.

Blow: Strong blow throughout test.

Recovered 1170 ft. of gas in pipe

Recovered 45 ft. of oil cut mud

Recovered 60 ft. of heavy oil cut mud

Recovered 60 ft. of muddy gassy oil

Recovered ft. of

Remarks:

Time Set	Packer(s)	<u>7:15</u>	A.M. P.M.	Time Started Off Bottom	<u>10:15</u>	A.M. P.M.	Maximum Temperature	<u>-</u>
Initial Hydrostatic Pressure				(A)	<u>2158</u>	P.S.I.		
Initial Flow Period	Minutes	<u>45</u>		(B)	<u>80</u>	P.S.I. to (C)	<u>99</u>	P.S.I.
Initial Closed In Period	Minutes	<u>45</u>		(D)	<u>179</u>	P.S.I.		
Final Flow Period	Minutes	<u>45</u>		(E)	<u>115</u>	P.S.I. to (F)	<u>122</u>	P.S.I.
Final Closed In Period	Minutes	<u>45</u>		(G)	<u>157</u>	P.S.I.		
Final Hydrostatic Pressure				(H)	<u>2142</u>	P.S.I.		

WESTERN TESTING CO., INC.

Pressure Data

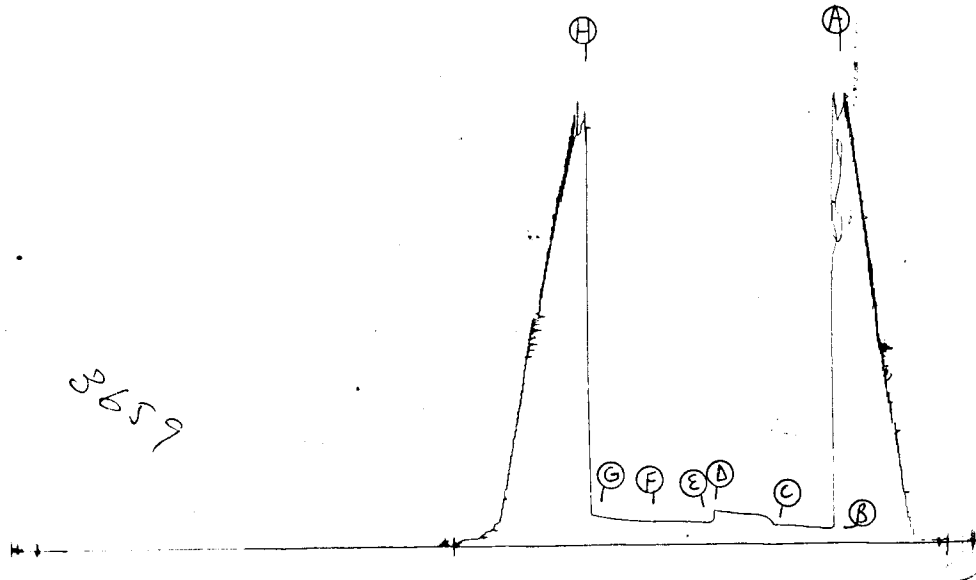
Date 2/16/83 Test Ticket No. 18059
 Recorder No. 3659 Capacity 4000 Location 4055 Ft.
 Clock No. --- Elevation --- Well Temperature --- °F

Point	Pressure	Time Given	Time Computed
A. Initial Hydrostatic Mud	2158 P.S.I.	7:15 M	
B First Initial Flow Pressure	80 P.S.I.	45 Mins	45 Mins.
C First Final Flow Pressure	99 P.S.I.	45 Mins	45 Mins.
D Initial Closed-in Pressure	179 P.S.I.	45 Mins	45 Mins.
E Second Initial Flow Pressure	115 P.S.I.	45 Mins	45 Mins.
F Second Final Flow Pressure	122 P.S.I.		
G Final Closed-in Pressure	157 P.S.I.		
H Final Hydrostatic Mud	2142 P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>9</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>15</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>9</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>15</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	80	0	99	0	115	0	122
P 2 5	80	3	131	5	115	3	123
P 3 10	85	6	144	10	116	6	124
P 4 15	87	9	151	15	118	9	126
P 5 20	90	12	155	20	120	12	128
P 6 25	93	15	157	25	121	15	130
P 7 30	97	18	159	30	122	18	132
P 8 35	98	21	161	35	122	21	134
P 9 40	99	24	163	40	122	24	136
P10 45	99	27	165	45	122	27	138
P11		30	167			30	141
P12		33	169			33	144
P13		36	171			36	147
P14		39	173			39	150
P15		42	176			42	153
P16		45	179			45	157
P17							
P18							
P19							
P20							

TKT # 18059
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This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2255	2158	PSI
(B) First Initial Flow Pressure	91	80	PSI
(C) First Final Flow Pressure	112	99	PSI
(D) Initial Closed-in Pressure	173	179	PSI
(E) Second Initial Flow Pressure	122	115	PSI
(F) Second Final Flow Pressure	122	122	PSI
(G) Final Closed-in Pressure	153	157	PSI
(H) Final Hydrostatic Mud	2220	2142	PSI