15-073-21002

33-23s-11E

Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Petroleum Energy Inc. Lease & Well No. Carson A #1

Elevation 1121 Ground Level Formation Viola Effective Pay - Ft. Ticket No. 23958

Date 12-14-75 Sec. 33 Twp. 23S Range 11E County Greenwood State Kansas

Test Approved by Earl O. Brandt Western Representative Forrest Purnell

Formation Test No. 1 O.K. X Misrun - Interval Tested From 2414' to 2445' Total Depth 2445'

Size Main Hole 6 ¼ Jat Hole - Conv. - B.T. - Damaged - Yes - No Conv. X B.T. - Damaged - Yes X No

Top Packer Depth - Ft. Size - Bottom Packer Depth 2414 Ft. Size 5½

Straddle - Conv. - B.T. - Damaged - Yes - No Packer Depth - Ft. Size -

Tool Size 4½OD Tool Joint Size 3½IF Anchor Length 31 Ft. Size 4½OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 2437 Ft. Clock No. 6861 Depth 2440 Ft. Clock No. 10167

Top Make Kuster Cap. 4200 No. 1558 Inside ~~Outside~~ Bottom Make Kuster Cap. 3150 No. 1562 ~~Inside~~ Outside

Below Straddle: Depth - Rec. No. - Clock ~~No.~~ - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside

Time Set Packer 1:42 P. M

Tool Open I.F.P. From 1:45P. M. to 2:15P M. - Hr. 30 Min. From (B) 11 P.S.I. To (C) 143 P.S.I.

Tool Closed I.C.I.P. From 2:15P M. to 2:45P M. - Hr. 30 Min (D) 610 P.S.I.

Tool Open F.F.P. From 2:45 P M. to 3:15P M. - Hr. 30 Min. From (E) 177 P.S.I. To (F) 239 P.S.I.

Tool Closed F.C.I.P. From 3:15P M. to 3:45P M. - Hr. 30 Min. (G) 519 P.S.I.

Initial Hydrostatic Pressure (A) 1182 P.S.I. Final Hydrostatic Pressure (H) 1172 P.S.I. Maximum Temp. 110

INFORMATION

BLOW Weak blow increasing to strong blow throughout test.

Did Well Flow - Yes X No Recovery Total Ft. 800' gas in pipe, 653' of free gassy oil.
90' oil cut drilling mud, (34 degress gravity corrected)

Reversed Out - Yes X No Mud Type Chem Viscosity 45 Weight 9.6 Water Loss 12 cc. Chlorides 1,000 P.P.M.

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint - Jars: Size - In. Make - Ser. No. -

Dual Packer No Did Packers Hold? Yes Did Tool Plug? No Where? -

DRILLING CONTRACTOR B & N Drlg. Co. Length Drill Pipe? 2367 Ft. I.D. Drill Pipe 2.7 In. Tool Joint Size 3½IF In.

Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 30 Ft. I.D. Drill Collars 2 ¼ In.

Tool Joint Size 3½IF In. Length D.S.T. Tool 47 Ft.

Remarks:

FORM WTC 3

WESTERN TESTING CO., INC.
Pressure Data

Date 12-14-75 Test Ticket No. 23958

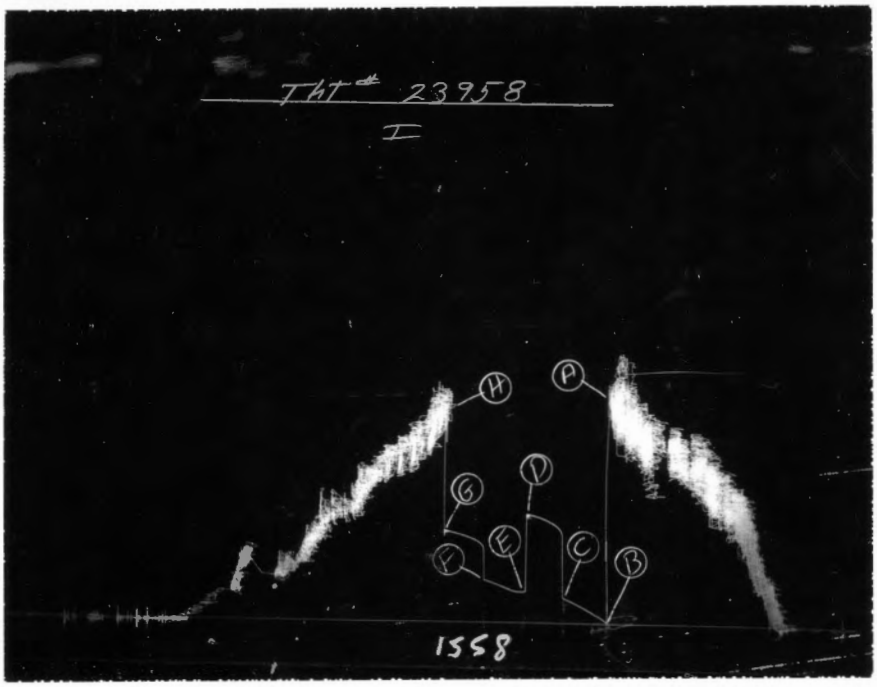
Recorder No. 1558 Capacity 4200 Location 2437 Ft.

Clock No. 6861 Elevation 1121 Ground Level Well Temperature 110 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1182 P.S.I.	Open Tool	1:42 P.M	
B First Initial Flow Pressure	11 P.S.I.	First Flow Pressure	30 Mins.	35 Mins.
C First Final Flow Pressure	143 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	615 P.S.I.	Second Flow Pressure	30 Mins.	35 Mins.
E Second Initial Flow Pressure	177 P.S.I.	Final Closed-in Pressure	30 Mins.	30 Mins.
F Second Final Flow Pressure	239 P.S.I.			
G Final Closed-in Pressure	519 P.S.I.			
H Final Hydrostatic Mud	1172 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: 7 Inc.		Breakdown: 10 Inc.		Breakdown: 7 Inc.		Breakdown: 10 Inc.	
of 5 mins. and a		of 3 mins. and a		of 5 mins. and a		of 3 mins. and a	
final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	11	0	143	0	177	0	239
P 2 5	32	3	533	5	176	3	447
P 3 10	51	6	550	10	180	6	463
P 4 15	74	9	564	15	194	9	474
P 5 20	92	12	577	20	209	12	483
P 6 25	110	15	587	25	222	15	490
P 7 30	129	18	596	30	235	18	497
P 8 35	143	21	603	35	239	21	503
P 9		24	608			24	508
P10		27	612			27	513
P11		30	615			30	519
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1183	1182	PSI
(B)	First Initial Flow Pressure	10	11	PSI
(C)	First Final Flow Pressure	137	143	PSI
(D)	Initial Closed-in Pressure	610	165	PSI
(E)	Second Initial Flow Pressure	179	177	PSI
(F)	Second Final Flow Pressure	242	239	PSI
(G)	Final Closed-in Pressure	527	519	PSI
(H)	Final Hydrostatic Mud	1173	1172	PSI