Home Office: Wichita, Kansas 67201
P.O. Box 1599 (316) 262-5861

Company Petroleum Energy, Inc. Lease & Well No. Boldt "A" #3

Elevation 1728 Kelly Bush. Formation Arbuckle Effective Pay - Ft. Ticket No. 12114

Date 5-2-81 Sec. 19 Twp. 18S Range 9W County Rice State Kansas

Test Approved by Jim Musgrove Western Representative Denis Wondra

Formation Test No. 1 Interval Tested from 3225 ft. to 3235 ft. Total Depth 3235 ft.

Packer Depth 3200 ft. Size 6 5/8 in. Packer Depth 3225 ft. Size 6 5/8 in.

Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3227 ft. Recorder Number 3474 Cap. 3000

Bottom Recorder Depth (Outside) 3230 ft. Recorder Number 1049 Cap. 4000

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

Drilling Contractor Allen Drilling #3 Drill Collar Length - I. D. - in.

Mud Type Starch Viscosity 40 Weight Pipe Length - I. D. - in.

Weight 9.8 Water Loss 16.0 cc. Drill Pipe Length 3203 I. D. 3.8 in.

Chlorides 70,000 P.P.M. Test Tool Length 22 ft. Tool Size 5½OD in.

Jars: Make - Serial Number -- Anchor Length 10 ft. Size 5½OD in.

Did Well Flow? Yes 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 4½XH in.

Blow: Weak, steady blow throuhout test.

Recovered 10 ft. of oil cut mud

Recovered 110 ft. of muddy oil

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 2:13 ~~A.M.~~ P.M. Time Started Off Bottom 5:15 ~~A.M.~~ P.M. Maximum Temperature 116

Initial Hydrostatic Pressure (A) 1683 P.S.I.

Initial Flow Period Minutes 50 (B) 48 P.S.I. to (C) 46 P.S.I.

Initial Closed In Period Minutes 42 (D) 1068 P.S.I.

Final Flow Period Minutes 45 (E) 71 P.S.I. to (F) 64 P.S.I.

Final Closed In Period Minutes 45 (G) 1065 P.S.I.

Final Hydrostatic Pressure (H) 1660 P.S.I.

WTC

WESTERN TESTING CO., INC.
Pressure Data

Date 5/2/81 Test Ticket No. 12114

Recorder No. 3474 Capacity 3000 Location 3227 Ft.

Clock No. - Elevation 1728 Kelly Bushing Well Temperature 116 °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	1683 P.S.I.	Open Tool	2:13P M	
B	First Initial Flow Pressure	48 P.S.I.	First Flow Pressure	45 Mins.	50 Mins.
C	First Final Flow Pressure	46 P.S.I.	Initial Closed-in Pressure	45 Mins.	42 Mins.
D	Initial Closed-in Pressure	1068 P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E	Second Initial Flow Pressure	71 P.S.I.	Final Closed-in Pressure	45 Mins.	45 Mins.
F	Second Final Flow Pressure	64 P.S.I.			
G	Final Closed-in Pressure	1065 P.S.I.			
H	Final Hydrostatic Mud	1660 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 10 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Mins.	Press.
P 1 0	48
P 2 5	39
P 3 10	37
P 4 15	37
P 5 20	37
P 6 25	38
P 7 30	39
P 8 35	40
P 9 40	42
P10 45	44
P11 50	46
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 14 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	46
3	592
6	833
9	927
12	970
15	1000
18	1020
21	1032
24	1042
27	1048
30	1056
33	1060
36	1063
39	1065
42	1068

Second Flow Pressure
Breakdown: 9 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	71
5	63
10	58
15	58
20	58
25	58
30	60
35	62
40	63
45	64

Final Shut-In
Breakdown: 15 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	64
3	744
6	879
9	938
12	976
15	998
18	1014
21	1028
24	1036
27	1041
30	1048
33	1053
36	1058
39	1060
42	1063
45	1065

TKT # 12114

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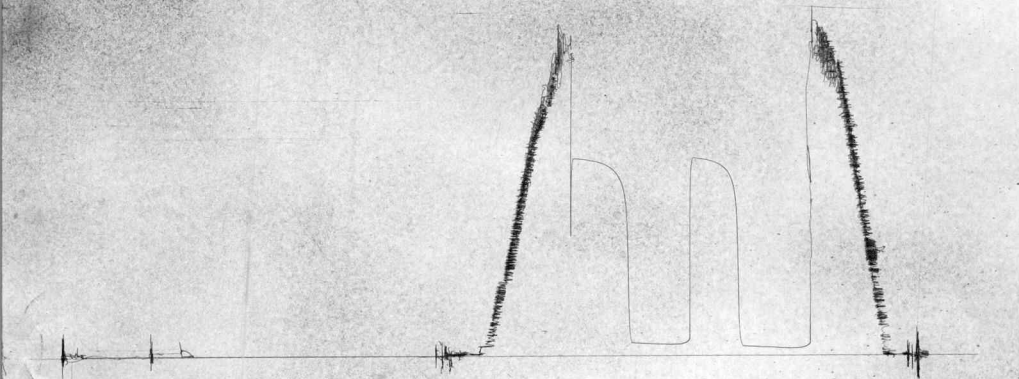

TKT #12114

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