Company Buckeye Petroleum-Mid Continent Division Lease & Well No. Rohlman #1

Elevation - Formation Kansas City Effective Pay - Ft. Ticket No. 9126

Date 1/20/81 Sec. 25 Twp. 28S Range 9W County Kingman State Kansas

Test Approved by Charles Slagle Western Representative Jim Wondra

Formation Test No. 1 Interval Tested from 3866 ft. to 3890 ft. Total Depth 3890 ft.

Packer Depth 3861 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3866 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3880 ft. Recorder Number 2607 Cap. 4150

Bottom Recorder Depth (Outside) 3883 ft. Recorder Number 3351 Cap. 4000

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

Drilling Contractor Brandt Drilling Rig #2 Drill Collar Length - I. D. - in.

Mud Type Premix-Starch Viscosity 38 Weight Pipe Length 355 I. D. 2.7 in.

Weight 9.9 Water Loss 12.2 cc. Drill Pipe Length 3490 I. D. 3.8 in.

Chlorides 35,000 P.P.M. Test Tool Length 21 ft. Tool Size 5½OD in.

Jars: Make - Serial Number - Anchor Length 24 ft. Size 5½OD 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 4½FH in.

Blow: Weak blow throughout test

Recovered 185 ft. of watery mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 11:40 ~~A.M.~~ ~~P.M.~~ Time Started Off Bottom 3:40 A.M. P.M. Maximum Temperature 123

Initial Hydrostatic Pressure (A) 2205 P.S.I.

Initial Flow Period Minutes 30 (B) 72 P.S.I. to (C) 67 P.S.I.

Initial Closed In Period Minutes 60 (D) 1553 P.S.I.

Final Flow Period Minutes 60 (E) 116 P.S.I. to (F) 107 P.S.I.

Final Closed In Period Minutes 90 (G) 1548 P.S.I.

Final Hydrostatic Pressure (H) 2131 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 1/20/81 Test Ticket No. 9126

Recorder No. 2607 Capacity 4150 Location 3880 Ft.

Clock No. - Elevation - Well Temperature 123 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2205 P.S.I.	Open Tool	11:40A M	
B First Initial Flow Pressure	72 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	67 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure	1553 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	116 P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F Second Final Flow Pressure	107 P.S.I.			
G Final Closed-in Pressure	1548 P.S.I.			
H Final Hydrostatic Mud	2131 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Mins.	Press.
P 1 0	72
P 2 5	55
P 3 10	54
P 4 15	55
P 5 20	57
P 6 25	61
P 7 30	67
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 20 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	67
3	824
6	1431
9	1477
12	1496
15	1506
18	1517
21	1525
24	1529
27	1534
30	1536
33	1538
36	1540
39	1542
42	1544
45	1546
48	1548
51	1550
54	1551
57	1552
60	1553

Second Flow Pressure
Breakdown: 12 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	116
5	95
10	93
15	93
20	94
25	95
30	96
35	97
40	99
45	101
50	103
55	105
60	107

Final Shut-In
Breakdown: 30 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	107
3	833
6	1424
9	1469
12	1485
15	1497
18	1504
21	1513
24	1519
27	1523
30	1529
33	1534
36	1538
39	1538
42	1538
45	1538
48	1540
51	1542
54	1544
57	1545
60	1546

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WESTERN TESTING CO., INC.
Pressure Data

Date 1/20/81 Test Ticket No. 9126

Recorder No. 2607 Capacity 4150 Location 3880 Ft.

Clock No. - Elevation - Well Temperature 123 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2205 P.S.I.	Open Tool	11:40A M	
B First Initial Flow Pressure	72 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	67 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure	1553 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	116 P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F Second Final Flow Pressure	107 P.S.I.			
G Final Closed-in Pressure	1548 P.S.I.			
H Final Hydrostatic Mud	2131 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Mins.	Press.
P 1	
P 2	
P 3	
P 4	
P 5	
P 6	
P 7	
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 20 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.

Second Flow Pressure
Breakdown: 12 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.

Final Shut-In
Breakdown: 30 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
63	1546
66	1547
69	1547
72	1548
75	1548
78	1548
81	1548
84	1548
87	1548
90	1548

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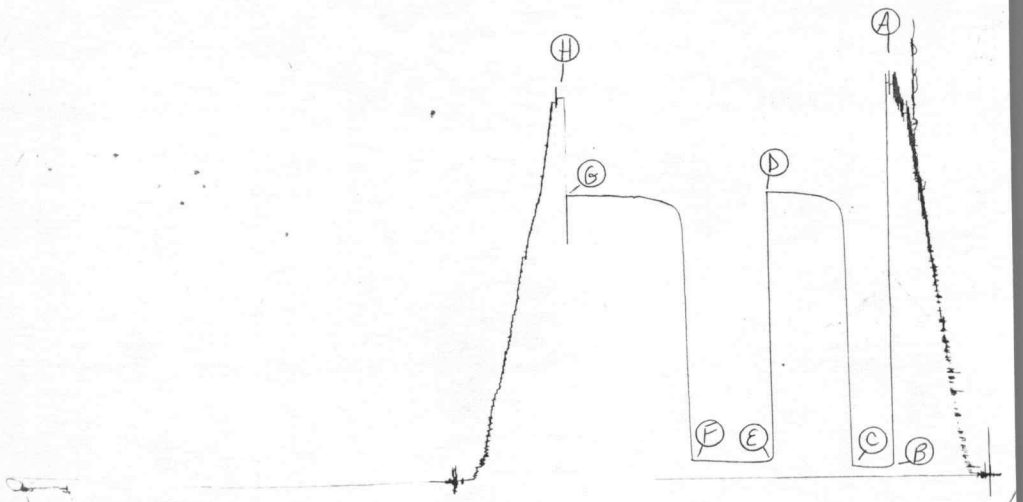

Company Buckeye Petroleum - Mid Continent Div. Lease & Well No. Rohlman #1

Elevation - Formation Mississippi Effective Pay - Ft. Ticket No. 9097

Date 1/21/81 Sec. 25 Twp. 28S Range 9W County Kingman State Kansas

Test Approved by Charles I Slagle Western Representative Jeff Piotrowski

Formation Test No. 2 Interval Tested from 4126 ft. to 4136 ft. Total Depth 4136 ft.

Packer Depth 4121 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4126 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4128 ft. Recorder Number 5673 Cap. 5400

Bottom Recorder Depth (Outside) 4133 ft. Recorder Number 1565 Cap. 4900

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

Drilling Contractor Brandt Drilling Rig #2 Drill Collar Length - I. D. - in.

Mud Type Starch Viscosity 39 Weight Pipe Length - I. D. - in.

Weight 9.9 Water Loss 10.2 cc. Drill Pipe Length 4106 I. D. 3.8 in.

Chlorides 34,000 P.P.M. Test Tool Length 20 ft. Tool Size 5½OD in.

Jars: Make - Serial Number - Anchor Length 10 ft. Size 5½OD 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 4½FH in.

Blow: Weak building to strong initial flow period. Weak building to fair final flow period.

Recovered 30 ft. of muddy water

Recovered 240 ft. of water Chlorides 118,000 PPM

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 11:55 ~~A.M.~~ P.M. Time Started Off Bottom 3:55 ~~A.M.~~ P.M. Maximum Temperature 128

Initial Hydrostatic Pressure			(A)	2138	P.S.I.	
Initial Flow Period	Minutes	30	(B)	44	P.S.I. to (C)	74 P.S.I.
Initial Closed In Period	Minutes	60	(D)	1465	P.S.I.	
Final Flow Period	Minutes	60	(E)	117	P.S.I. to (F)	160 P.S.I.
Final Closed In Period	Minutes	87	(G)	1458	P.S.I.	
Final Hydrostatic Pressure			(H)	2124	P.S.I.	

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WESTERN TESTING CO., INC.

Pressure Data

Date 1/21/81 Test Ticket No. 9097

Recorder No. 5673 Capacity 5400 Location 4128 Ft.

Clock No. --- Elevation -- Well Temperature 128 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2138 P.S.I.		Open Tool	11:55P M	
B	First Initial Flow Pressure	44 P.S.I.		First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	74 P.S.I.		Initial Closed-in Pressure	60 Mins.	60 Mins.
D	Initial Closed-in Pressure	1465 P.S.I.		Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	117 P.S.I.		Final Closed-in Pressure	90 Mins.	87 Mins.
F	Second Final Flow Pressure	160 P.S.I.				
G	Final Closed-in Pressure	1458 P.S.I.				
H	Final Hydrostatic Mud	2124 P.S.I.				

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Mins.	Press.
P 1 0	44
P 2 5	44
P 3 10	46
P 4 15	48
P 5 20	55
P 6 25	63
P 7 30	74
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 20 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	74
3	634
6	888
9	1051
12	1149
15	1214
18	1270
21	1308
24	1341
27	1362
30	1384
33	1403
36	1419
39	1430
42	1438
45	1446
48	1454
51	1459
54	1464
57	1465
60	1465

Second Flow Pressure
Breakdown: 12 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	117
5	115
10	115
15	117
20	128
25	137
30	141
35	148
40	148
45	153
50	158
55	160
60	160

Final Shut-In
Breakdown: 29 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	160
3	552
6	795
9	928
12	1027
15	1111
18	1173
21	1214
24	1254
27	1281
30	1311
33	1335
36	1351
39	1365
42	1378
45	1378
48	1400
51	1408
54	1416
57	1422
60	1432

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WESTERN TESTING CO., INC.

Pressure Data

Date 1/21/81 Test Ticket No. 9097

Recorder No. 5673 Capacity 5400 Location 4128 Ft.

Clock No. --- Elevation -- Well Temperature 128 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2138 P.S.I.		Open Tool	11:55P M	
B	First Initial Flow Pressure	44 P.S.I.		First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	74 P.S.I.		Initial Closed-in Pressure	60 Mins.	60 Mins.
D	Initial Closed-in Pressure	1465 P.S.I.		Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	117 P.S.I.		Final Closed-in Pressure	90 Mins.	87 Mins.
F	Second Final Flow Pressure	160 P.S.I.				
G	Final Closed-in Pressure	1458 P.S.I.				
H	Final Hydrostatic Mud	2124 P.S.I.				

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 20 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure
Breakdown: 12 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 29 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1						63	1442
P 2						66	1446
P 3						69	1450
P 4						72	1453
P 5						75	1453
P 6						78	1454
P 7						81	1455
P 8						84	1456
P 9						87	1458
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

5693
DST #2

IKT # 9097
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