Company Stelbar Oil Corporation, Inc. Lease & Well No. Carr #1

Elevation ---- Formation Kansas City Effective Pay - Ft. Ticket No. 9315

Date 2/17/81 Sec. 3 Twp. 34S Range 6W County Harper State Kansas

Test Approved by H. Deane Jirrels Western Representative Stuart Stover

Formation Test No. 1 Interval Tested from 3824 ft. to 3855 ft. Total Depth 3855 ft.

Packer Depth 3819 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3824 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3829 ft. Recorder Number 11018 Cap. 4425

Bottom Recorder Depth (Outside) 3855 ft. Recorder Number HT44 Cap.

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

Drilling Contractor Stweetman Drilling Drill Collar Length 280 I. D. 2 1/4 in.

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

Weight - Water Loss - cc. Drill Pipe Length - I. D. 4.0 in.

Chlorides - P.P.M. Test Tool Length 21 ft. Tool Size 3 1/2 in.

Jars: Make - Serial Number - Anchor Length 31 ft. Size 4 1/2 in.

Did Well Flow? - Reversed Out - Surface Choke Size 1/2 in. Bottom Choke Size 1/2 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: Weak decreasing ; no blow on final flow period. Flushed tool no blow after flush.

Recovered 120 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 12:45 ~~A.M.~~ P.M. Time Started Off Bottom 3:45 A.M. P.M. Maximum Temperature 113°

Initial Hydrostatic Pressure			(A)	1989	P.S.I.	
Initial Flow Period	Minutes 35		(B)	78 P.S.I.	to (C) 67	P.S.I.
Initial Closed In Period	Minutes 51		(D)	1488	P.S.I.	
Final Flow Period	Minutes 30		(E)	100 P.S.I.	to (F) 84	P.S.I.
Final Closed In Period	Minutes 57		(G)	1469	P.S.I.	
Final Hydrostatic Pressure			(H)	1977	P.S.I.	

WESTERN TESTING CO., INC.
Pressure Data

Date 2/17/81 Test Ticket No. 9315

Recorder No. 11018 Capacity 4425 Location 3829 Ft.

Clock No. - Elevation - Well Temperature 113 °F

Point		Pressure			Time Given		Time Computed	
A	Initial Hydrostatic Mud	1989	P.S.I.	Open Tool	12:45A	M		
B	First Initial Flow Pressure	78	P.S.I.	First Flow Pressure	30	Mins.	35	Mins.
C	First Final Flow Pressure	67	P.S.I.	Initial Closed-in Pressure	60	Mins.	51	Mins.
D	Initial Closed-in Pressure	1488	P.S.I.	Second Flow Pressure	30	Mins.	30	Mins.
E	Second Initial Flow Pressure	100	P.S.I.	Final Closed-in Pressure	60	Mins.	57	Mins.
F	Second Final Flow Pressure	84	P.S.I.					
G	Final Closed-in Pressure	1469	P.S.I.					
H	Final Hydrostatic Mud	1977	P.S.I.					

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 7 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Mins.	Press.
P 1 0	78
P 2 5	69
P 3 10	71
P 4 15	68
P 5 20	64
P 6 25	64
P 7 30	66
P 8 35	67
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 17 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	67
3	777
6	1029
9	1170
12	1236
15	1286
18	1326
21	1352
24	1374
27	1394
30	1410
33	1425
36	1441
39	1452
42	1463
45	1471
48	1482
51	1488

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

Point Minutes	Press.
0	100
5	96
10	87
15	84
20	84
25	84
30	84

Flushed Tool

Final Shut-In
Breakdown: 19 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	84
3	679
6	976
9	1115
12	1196
15	1247
18	1289
21	1317
24	1341
27	1361
30	1379
33	1392
36	1407
39	1419
42	1430
45	1441
48	1449
51	1458
54	1465
57	1469

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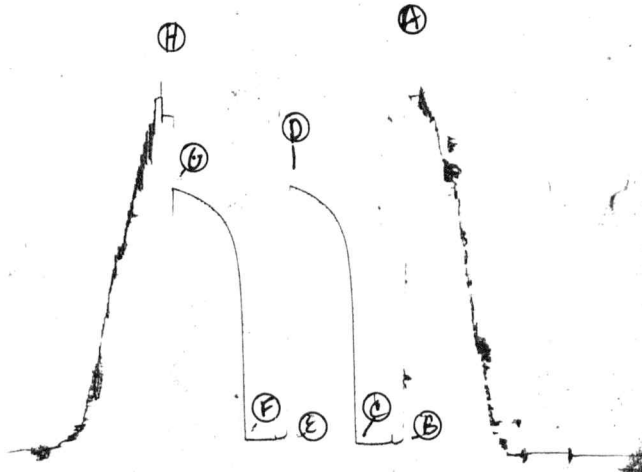

Company Stelbar Oil Corporation, Inc. Lease & Well No. Carr #1

Elevation ---- Formation Kansas City Effective Pay -- Ft. Ticket No. 9316

Date 2/18/81 Sec. 3 Twp. 34S Range 6W County Harper State Kansas

Test Approved by H. Deane Jirrels Western Representative Stuart Stover

Formation Test No. 2 Interval Tested from 4023 ft. to 4055 ft. Total Depth 4055 ft.

Packer Depth 4018 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4023 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4028 ft. Recorder Number 11018 Cap. 4425

Bottom Recorder Depth (Outside) 4055 ft. Recorder Number HT 44 Cap. -

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

Drilling Contractor Sweetman Drilling Drill Collar Length 280 I. D. 2¼ in.

Mud Type starch Viscosity 48 Weight Pipe Length - I. D. - in.

Weight 9.3 Water Loss 14.4 cc. Drill Pipe Length 3722 I. D. 4.0 in.

Chlorides N/C P.P.M. Test Tool Length 21 ft. Tool Size 3½ in.

Jars: Make - Serial Number - Anchor Length 32 ft. Size 4½ in.

Did Well Flow? - Reversed Out - Surface Choke Size 1/2 in. Bottom Choke Size 1/2 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4½XH in.

Blow: Very weak; no blow on final flow period. Flushed tool ; blow died in five minutes.

Recovered 180 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Tool slid fifteen feet after it opened.

Time Set Packer(s) 2:50 A.M. P.M. Time Started Off Bottom 4:50 A.M. ~~P.M.~~ Maximum Temperature 115°

Initial Hydrostatic Pressure (A) 2078 P.S.I.

Initial Flow Period Minutes 25 (B) 111 P.S.I. to (C) 104 P.S.I.

Initial Closed In Period Minutes 27 (D) 1504 P.S.I.

Final Flow Period Minutes 25 (E) 100 P.S.I. to (F) 124 P.S.I.

Final Closed In Period Minutes 30 (G) 1436 P.S.I.

Final Hydrostatic Pressure (H) 2000 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 2/18/81 Test Ticket No. 9316

Recorder No. 11018 Capacity 4425 Location 4028 Ft.

Clock No. - Elevation - Well Temperature 115 °F

Point		Pressure	
A	Initial Hydrostatic Mud	2078	P.S.I.
B	First Initial Flow Pressure	111	P.S.I.
C	First Final Flow Pressure	104	P.S.I.
D	Initial Closed-in Pressure	1504	P.S.I.
E	Second Initial Flow Pressure	100	P.S.I.
F	Second Final Flow Pressure	124	P.S.I.
G	Final Closed-in Pressure	1436	P.S.I.
H	Final Hydrostatic Mud	2000	P.S.I.

	Time Given	Time Computed
Open Tool	2:50A M	
First Flow Pressure	30 Mins.	25 Mins.
Initial Closed-in Pressure	30 Mins.	27 Mins.
Second Flow Pressure	30 Mins.	25 Mins.
Final Closed-in Pressure	30 Mins.	30 Mins.

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1 0	111
P 2 5	109
P 3 10	100
P 4 15	96
P 5 20	109
P 6 25	104
P 7	
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 9 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	104
3	546
6	900
9	1178
12	1306
15	1385
18	1431
21	1458
24	1487
27	1504

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

Point Minutes	Press.
0	100
5	100
10	142
15	133
20	127
25	124

Flushed Tool

Final Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	124
3	549
6	850
9	1053
12	1196
15	1280
18	1337
21	1370
24	1396
27	1421
30	1436

11018-9316

JK# 9316

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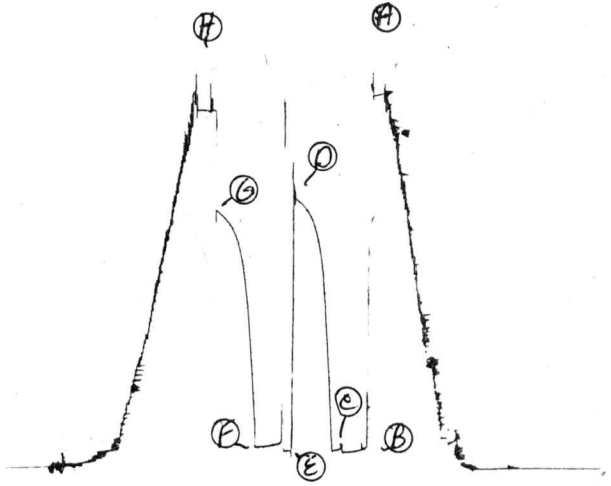

Company Stelbar Oil Corporation, Inc. Lease & Well No. Carr #1

Elevation 1281 Kelly Bushing Formation Simpson Effective Pay - Ft. Ticket No. 9557

Date 2/22/81 Sec. 3 Twp. 34S Range 6W County Harper State Kansas

Test Approved by H. Deane Jirrels Western Representative Les Holtz

Formation Test No. 3 Interval Tested from 4939 ft. to 4951 ft. Total Depth 4951 ft.

Packer Depth 4934 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 4939 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4948 ft. Recorder Number 6074 Cap. 5100

Bottom Recorder Depth (Outside) 4951 ft. Recorder Number 10979 Cap. 4100

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

Drilling Contractor Sweetman Drilling Drill Collar Length 270 I. D. 2.26 in.

Mud Type Viscosity 51 Weight Pipe Length - I. D. - in.

Weight 9.4 Water Loss 10.0 cc. Drill Pipe Length 4649 I. D. 3.8 in.

Chlorides -- P.P.M. Test Tool Length 20 ft. Tool Size 5½ in.

Jars: Make No Serial Number - Anchor Length 12 ft. Size 5½ 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 4½XH in.

Blow: WEak to strong in ten minutes of initial flow period. Blow did return weak in initial shut-in period. Weak to strong in seven minutes of final flow. Blow did return fair in final shut-in period.

Recovered ft. of

Recovered 50 ft. of thin slightly oil and gas cut mud 5% oil;16% water

Recovered 60 ft. of thin watery very slightly oil cut mud

Recovered 60 ft. of muddy slightly oil cut water

Recovered 180 ft. of slightly muddy gassy salt water

Remarks: 360 ft of clean salt water

Gas to surface forty five minutes into final closed in period.

Time Set Packer(s) 4:00 A.M. ~~P.M.~~ Time Started Off Bottom 8:30 A.M. ~~P.M.~~ Maximum Temperature 151°

Initial Hydrostatic Pressure (A) 2555 P.S.I.

Initial Flow Period Minutes 30 (B) 115 P.S.I. to (C) 210 P.S.I.

Initial Closed In Period Minutes 57 (D) 1990 P.S.I.

Final Flow Period Minutes 60 (E) 238 P.S.I. to (F) 373 P.S.I.

Final Closed In Period Minutes 120 (G) 1987 P.S.I.

Final Hydrostatic Pressure (H) 2527 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 2/22/81 Test Ticket No. 9557

Recorder No. 6074 Capacity 5100 Location 4948 Ft.

Clock No. - Elevation 1281 Kelly Bushing Well Temperature 151 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2555 P.S.I.	Open Tool		4:00A M	
B	First Initial Flow Pressure	115 P.S.I.	First Flow Pressure		30 Mins.	30 Mins.
C	First Final Flow Pressure	210 P.S.I.	Initial Closed-in Pressure		60 Mins.	57 Mins.
D	Initial Closed-in Pressure	1990 P.S.I.	Second Flow Pressure		60 Mins.	60 Mins.
E	Second Initial Flow Pressure	238 P.S.I.	Final Closed-in Pressure		120 Mins.	120 Mins.
F	Second Final Flow Pressure	373 P.S.I.				
G	Final Closed-in Pressure	1987 P.S.I.				
H	Final Hydrostatic Mud	2527 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	115
P 2 5	136
P 3 10	159
P 4 15	174
P 5 20	189
P 6 25	207
P 7 30	210
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 19 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	210
3	1962
6	1972
9	1977
12	1981
15	1982
18	1983
21	1984
24	1985
27	1986
30	1987
33	1987
36	1988
39	1989
42	1989
45	1990
48	1990
51	1990
54	1990
57	1990

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

Point Minutes	Press.
0	238
5	238
10	238
15	246
20	266
25	286
30	302
35	317
40	332
45	345
50	358
55	368
60	373

Final Shut-In
Breakdown: 40 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	373
3	1954
6	1967
9	1974
12	1982
15	1984
18	1985
21	1986
24	1987
27	1988
30	1989
33	1089
36	1988
39	1088
42	1987
45	1987
48	1986
51	1986
54	1987
57	1988
60	1989

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WESTERN TESTING CO., INC.
Pressure Data

Date 2/22/81 Test Ticket No. 9557

Recorder No. 6074 Capacity 5100 Location 4948 Ft.

Clock No. - Elevation 1281 Kelly Bushing Well Temperature 151 °F

Point		Pressure	
A	Initial Hydrostatic Mud	2555	P.S.I.
B	First Initial Flow Pressure	115	P.S.I.
C	First Final Flow Pressure	210	P.S.I.
D	Initial Closed-in Pressure	1990	P.S.I.
E	Second Initial Flow Pressure	238	P.S.I.
F	Second Final Flow Pressure	373	P.S.I.
G	Final Closed-in Pressure	1987	P.S.I.
H	Final Hydrostatic Mud	2527	P.S.I.

	Time Given	Time Computed
Open Tool	4:00A M	
First Flow Pressure	30 Mins.	30 Mins.
Initial Closed-in Pressure	60 Mins.	57 Mins.
Second Flow Pressure	60 Mins.	60 Mins.
Final Closed-in Pressure	120 Mins.	120 Mins.

PRESSURE BREAKDOWN

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

Initial Shut-In
Breakdown: 19 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: 40 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	1989
P 2						66	1990
P 3						69	1990
P 4						72	1991
P 5						75	1991
P 6						78	1990
P 7						81	1990
P 8						84	1989
P 9						87	1989
P10						90	1989
P11						93	1988
P12						96	1986
P13						99	1986
P14						102	1987
P15						105	1987
P16						108	1987
P17						111	1987
P18						114	1987
P19						117	1987
P20						120	1987

DST #4

IKT #9557

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