

FORMATION TEST REPORT

COMPANY FOXFIRE EXPLORATION & RUPE OIL, INC.
LEASE AND WELL NO. _____

FLAGLER #2

SFC 33

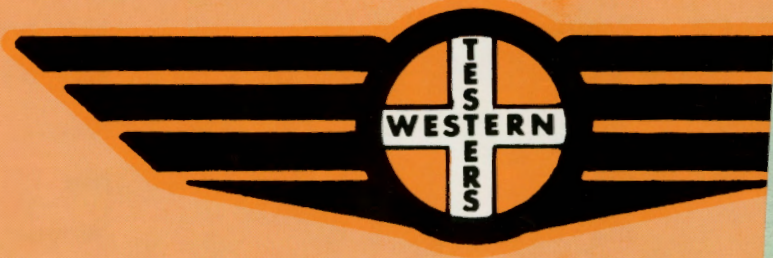
TWD 11S

NRF 22W

1

1/9/80

JAN 17 1980



Home Office:
P. O. Box 1599

Wichita, Kansas
Phone (316) 83

1/17/80 - WESTERN TESTERS brought in
2 copies of DST'S
on FLAGLER #2
they gave 3 copies of DST'S
to Don Marchant.



Home Office: Wichita, Kansas 67201

P.O. Box 1599

(316) 262-5861

Company Foxfire Exploration & Rupe Oil, Inc. Lease & Well No. Flagler #2
 Elevation 2380 Kelly Bushing Toronto, Lansing Formation Kansas City Effective Pay ----- Ft. Ticket No. 3503
 Date 1/9/80 Sec. 33 Twp. 11S Range 22W County Trego State Kansas
 Test Approved by D. C. Marchant Western Representative Ken Metzler

Formation Test No. 1 Interval Tested from 3604 ft. to 3735 ft. Total Depth 3735 ft.
 Packer Depth 3599 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 3604 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set --

Top Recorder Depth (Inside) 3726 ft. Recorder Number 1564 Cap. 3150
 Bottom Recorder Depth (Outside) 3729 ft. Recorder Number 3085 Cap. 4500
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Red Tiger Drilling Rig #7 Drill Collar Length -- I. D. -- in.
 Mud Type starch Viscosity 42 Weight Pipe Length 937 I. D. 3.34 in.
 Weight 9.8 Water Loss 10.4 cc. Drill Pipe Length 2819 I. D. 3.8 in.
 Chlorides 35,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 in.
 Jars: Make NO Serial Number -- Anchor Length 131 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 FH in.

Blow: Strong blow first opening. Fair Blow decreasing second opening.

Recovered 740 ft. of muddy salt water 54,000 chlorides ppm
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks: Some plugging action indicated first opening.

Time Set Packer(s) 8:27 ~~-A.M.~~ P.M. Time Started Off Bottom 2:00 ~~-P.M.~~ A.M. Maximum Temperature 108°
 Initial Hydrostatic Pressure 2084 (A) P.S.I.
 Initial Flow Period 60 Minutes (B) 135 P.S.I. to (C) 327 P.S.I.
 Initial Closed In Period 60 Minutes (D) 1021 P.S.I.
 Final Flow Period 30 Minutes (E) 367 P.S.I. to (F) 433 P.S.I.
 Final Closed In Period 60 Minutes (G) 1026 P.S.I.
 Final Hydrostatic Pressure 2072 (H) P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

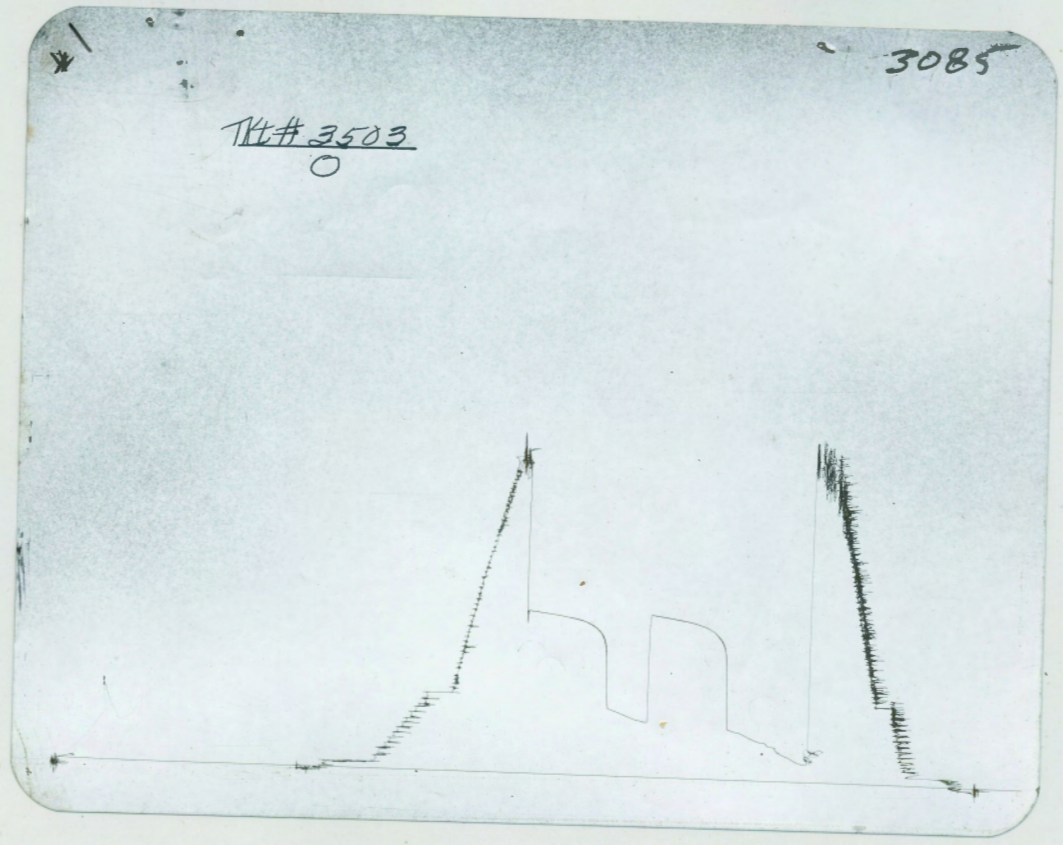
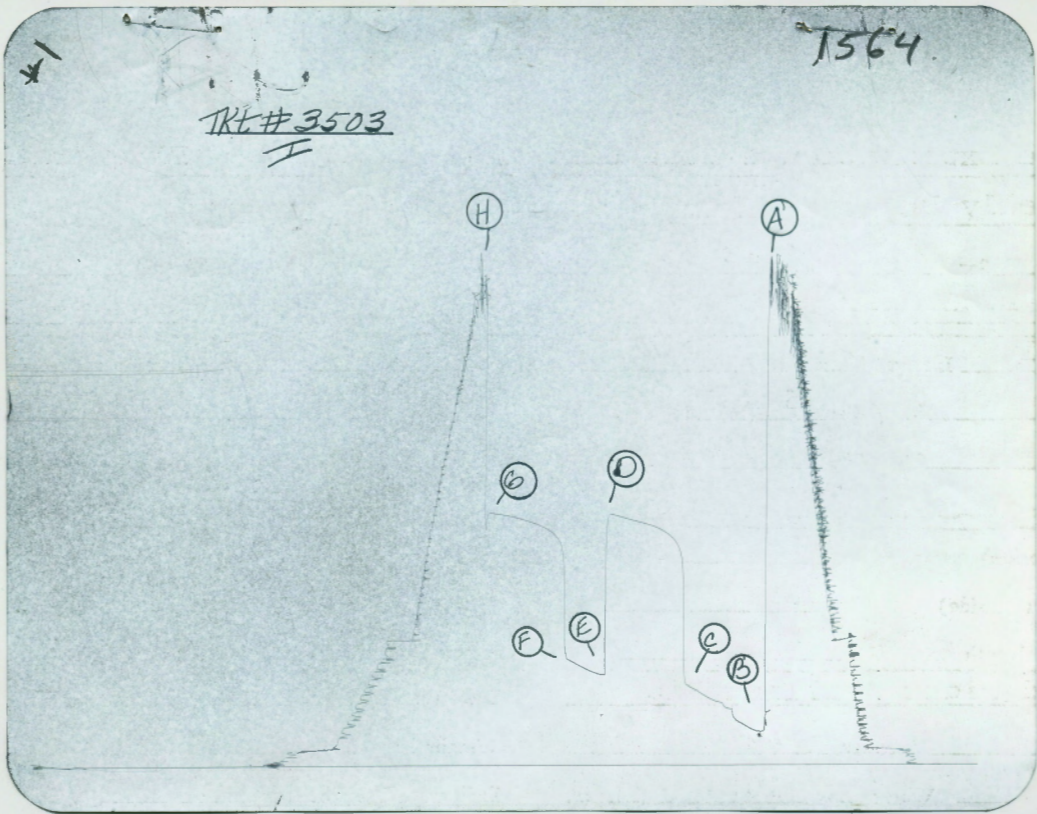
Date 1/9/80 Test Ticket No. 3503
 Recorder No. 1564 Capacity 3150 Location 3726 Ft.
 Clock No. _____ Elevation 2380 Kelly Bushing Well Temperature 108 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2084	P.S.I.	8:27P	M
B First Initial Flow Pressure	135	P.S.I.	60	Mins 60 Mins.
C First Final Flow Pressure	327	P.S.I.	60	Mins 60 Mins.
D Initial Closed-in Pressure	1021	P.S.I.	30	Mins 30 Mins.
E Second Initial Flow Pressure	367	P.S.I.	60	Mins 60 Mins.
F Second Final Flow Pressure	433	P.S.I.		
G Final Closed-in Pressure	1026	P.S.I.		
H Final Hydrostatic Mud	2072	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Initial Shut-In Breakdown: <u>20</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	Second Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Final Shut-In Breakdown: <u>20</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.
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Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	135	0	327	0	367	0	433
P 2 5	135	3	834	5	371	3	807
P 3 10	146	6	892	10	381	6	903
P 4 15	161	9	915	15	394	9	929
P 5 20	177	12	932	20	409	12	947
P 6 25	227	15	945	25	424	15	958
P 7 30	236	18	953	30	433	18	967
P 8 35	257	21	963			21	973
P 9 40	267	24	970			24	980
P10 45	283	27	975			27	988
P11 50	300	30	980			30	992
P12 55	316	33	985			33	997
P13 60	327	36	990			36	1002
P14		39	994			39	1006
P15		42	999			42	1010
P16		45	1003			45	1014
P17		48	1007			48	1017
P18		51	1011			51	1020
P19		54	1014			54	1022
P20		57	1018			57	1024
WTC - 4		60	1021			60	1026



FORMATION TEST REPORT

COMPANY FOXFIRE EXPLORATION & RUPE OIL, INC.
LEASE AND WELL NO. _____
FLAGGER # 2
SEC. 33
TWP. 11S
RGE. 22W
TEST NO. 2
DATE 1/11



Home Office:

Wichita, Kansas 67201

P. O. Box 1599

Phone (316) 838-0601

JAN 17 1980



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

Company Foxfire Exploration & Rupe Oil, Inc. & Well No. Flager #2
 Elevation 2380 Kelly Bushong Formation Kansas City Effective Pay --- Ft. Ticket No 3504
 Date 1/11/80 Sec. 33 Twp 11S Range 22W County Trego State Kansas
 Test Approved by D. C. Marchant Western Representative Ken Metzler

Formation Test No. 2 Interval Tested from 3811 ft. to 3880 ft. Total Depth 3880 ft.
 Packer Depth 3806 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 3811 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3871 ft. Recorder Number 1564 Cap 3150
 Bottom Recorder Depth (Outside) 3874 ft. Recorder Number 3085 Cap 4500
 Below Straddle Recorder Depth - ft. Recorder Number - Cap -

Drilling Contractor Red Tiger Drilling Rig #7 Drill Collar Length - I. D. - in.
 Mud Type starch Viscosity 40 Weight Pipe Length 937 I. D. 3.34 in.
 Weight 9.7 Water Loss 12.0 cc. Drill Pipe Length 2969 I. D. 3.8 in.
 Chlorides 38,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 in.
 Jars: Make None Serial Number - Anchor Length 69 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 FH in.

Blow: Very weak blow; dead in twenty minutes on first opening.

Recovered 5 ft. of drilling mud with trace of free oil in tool

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 3:57 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 6:00 ~~P.M.~~ ^{A.M.} Maximum Temperature 112°
 Initial Hydrostatic Pressure (A) 2181 P.S.I.
 Initial Flow Period Minutes 30 (B) 69 P.S.I. to (C) 59 P.S.I.
 Initial Closed In Period Minutes 30 (D) 98 P.S.I.
 Final Flow Period Minutes 30 (E) 73 P.S.I. to (F) 61 P.S.I.
 Final Closed In Period Minutes 30 (G) 62 P.S.I.
 Final Hydrostatic Pressure (H) 2173 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 1/11/80 Test Ticket No. 3504
 Recorder No. 1564 Capacity 3150 Location 3871 Ft.
 Clock No. -- Elevation 2380 Kelly Bushing Well Temperature 112 °F

Point	Pressure			Time	
		P.S.I.		Given	Computed
A. Initial Hydrostatic Mud	2181	P.S.I.	Open Tool	3:57A	M
B. First Initial Flow Pressure	69	P.S.I.	First Flow Pressure	30	Mins. 30 Mins.
C. First Final Flow Pressure	59	P.S.I.	Initial Closed-in Pressure	30	Mins. 30 Mins.
D. Initial Closed-in Pressure	98	P.S.I.	Second Flow Pressure	30	Mins. 30 Mins.
E. Second Initial Flow Pressure	73	P.S.I.	Final Closed-in Pressure	30	Mins. 30 Mins.
F. Second Final Flow Pressure	61	P.S.I.			
G. Final Closed-in Pressure	62	P.S.I.			
H. Final Hydrostatic Mud	2173	P.S.I.			

PRESSURE BREAKDOWN

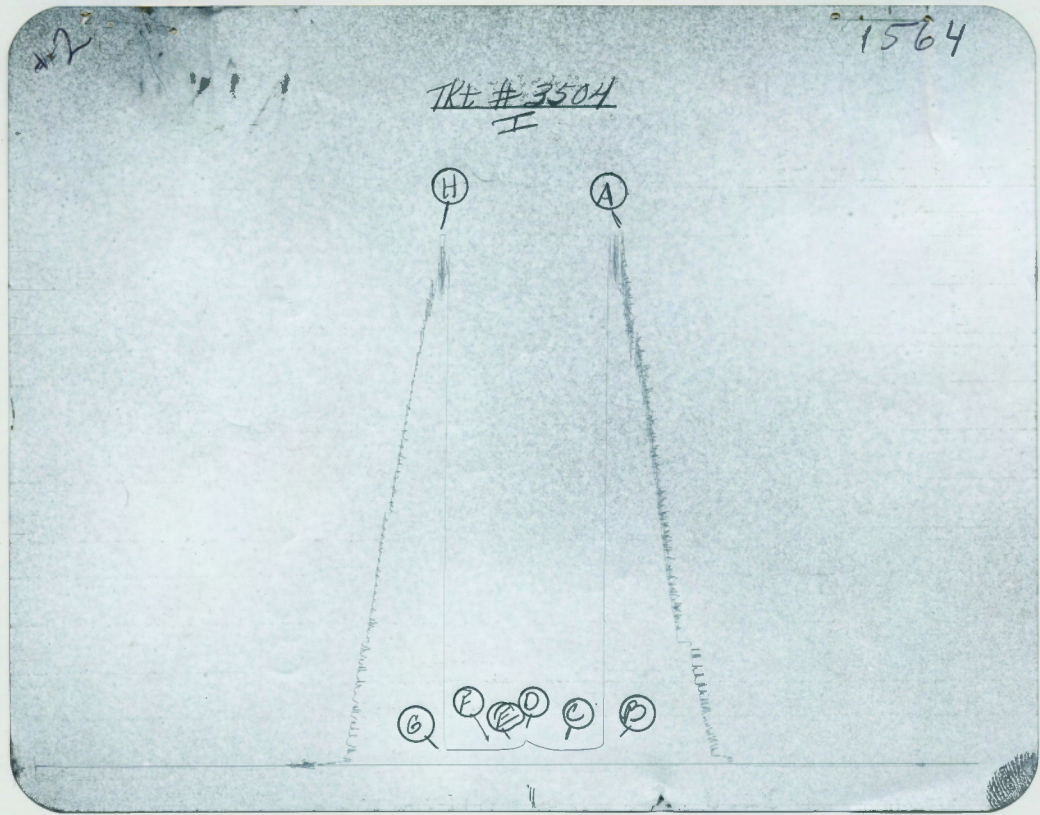
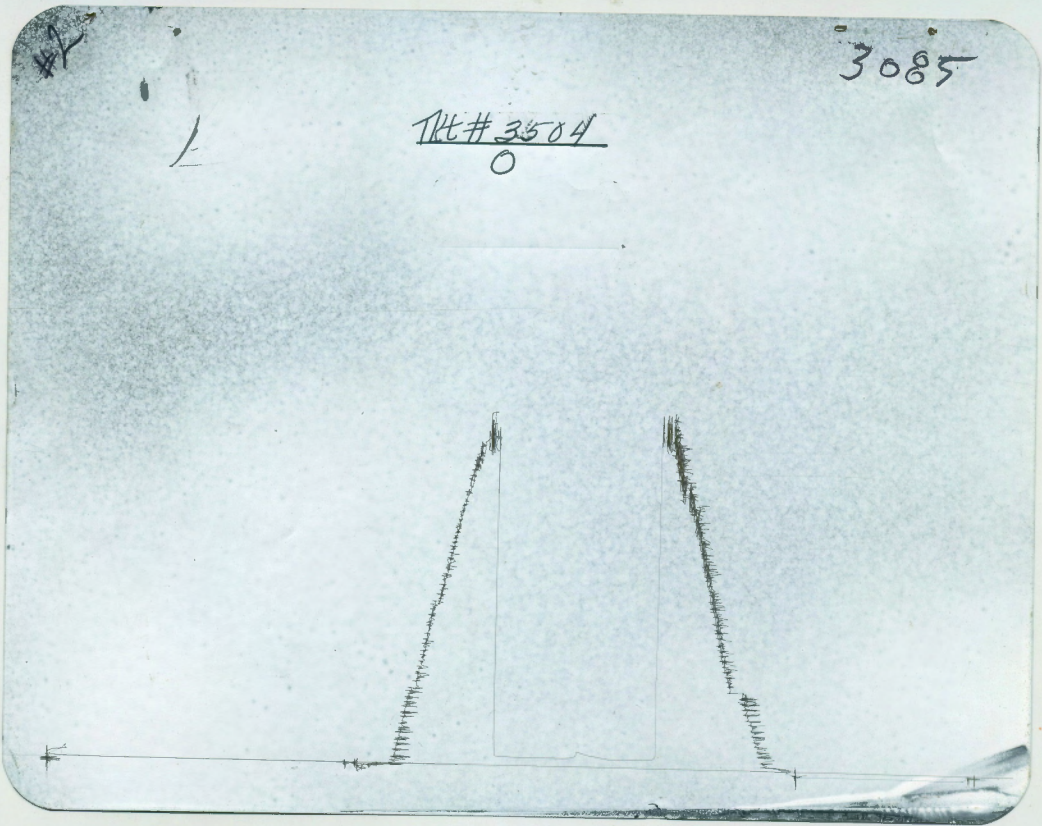
First Flow Pressure
 Breakdown: 6 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

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

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

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

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	0	69	0	58	0	73	0	61
P 2	5	69	3	58	5	73	3	61
P 3	10	64	6	61	10	66	6	61
P 4	15	63	9	63	15	64	9	61
P 5	20	62	12	67	20	62	12	61
P 6	25	61	15	70	25	61	15	61
P 7	30	59	18	74	30	61	18	61
P 8			21	82			21	61
P 9			24	90			24	61
P10			27	94			27	61
P11			30	98			30	62
P12								
P13								
P14								
P15								
P16								
P17								
P18								
P19								
P20								



FORMATION TEST REPORT

COMPANY FOXFIRE EXPLORATION & RUPE OIL, INC.
LEASE AND WELL NO. _____

FLAGGER # 2

SEC. 33

TWP. 11S

RANGE 22W

TEST NO. 3

DATE 1/1

JAN 17 1980



Home Office:

Wichita, Kansas 67201

P. O. Box 1599

Phone (316) 838-0601



Home Office: Wichita, Kansas 67201

P.O. Box 1599 (316) 262-5861

Company Foxfire Exploration & Rupe Oil Co., Inc. Lease & Well No. Flagler #2

Elevation 2380 Kelly Bushing Marmaton Formation Effective Pay -- Ft. Ticket No. 3505

Date 1/12/80 Sec. 33 Twp. 11S Range 22W County Trego State Kansas

Test Approved by D. C. Marchant Western Representative Ken Metzler

Formation Test No. 3 Interval Tested from 3968 ft. to 4005 ft. Total Depth 4005 ft.

Packer Depth 3963 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3968 ft. Size 6 3/4 in. Packer Depth =---- ft. Size -- in.

Depth of Selective Zone Set --

Top Recorder Depth (Inside) 3996 ft. Recorder Number 1564 Cap. 3150

Bottom Recorder Depth (Outside) 3999 ft. Recorder Number 3085 Cap. 4500

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

Drilling Contractor Red Tiger Drilling Rig #7 Drill Collar Length -- I. D. -- in.

Mud Type starch Viscosity 46 Weight Pipe Length 937 I. D. 3.34 in.

Weight 9.9 Water Loss 8.0 cc. Drill Pipe Length 3094 I. D. 3.8 in.

Chlorides 34,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 in.

Jars: Make NO Serial Number -- Anchor Length 37 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 FH in.

Blow: Weak blow building to strong first opening. Weak blow building to good second opening.

Recovered 275 ft. of gas in pipe

Recovered 73 ft. of gas cut mud and gas cut oil (16 1/2% mud; 1/2% water; 83% oil)

Recovered 234 ft. of muddy oil (2 1/2% mud; 1/2% water; 97% oil)

Recovered 15 ft. of clean oil

Recovered 322 ft. of Total fluid

Remarks: _____

Time Set Packer(s) 6:57 A.M. PM Time Started Off Bottom 11:00 A.M. PM Maximum Temperature 116°

Initial Hydrostatic Pressure (A) 2270 P.S.I.

Initial Flow Period Minutes 60 (B) 57 P.S.I. to (C) 99 P.S.I.

Initial Closed In Period Minutes 60 (D) 1154 P.S.I.

Final Flow Period Minutes 60 (E) 129 P.S.I. to (F) 161 P.S.I.

Final Closed In Period Minutes 60 (G) 1135 P.S.I.

Final Hydrostatic Pressure (H) 2258 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 1/12/80 Test Ticket No. 3505
 Recorder No. 1564 Capacity 3150 Location 3996 Ft.
 Clock No. -- Elevation 2380 Kelly Bushing Well Temperature 116 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2270	P.S.I.	6:57A	M
B First Initial Flow Pressure	57	P.S.I.	60	Mins. 60 Mins.
C First Final Flow Pressure	99	P.S.I.	60	Mins. 60 Mins.
D Initial Closed-in Pressure	1154	P.S.I.	60	Mins. 60 Mins.
E Second Initial Flow Pressure	129	P.S.I.	60	Mins. 60 Mins.
F Second Final Flow Pressure	161	P.S.I.		
G Final Closed-in Pressure	1135	P.S.I.		
H Final Hydrostatic Mud	2258	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure
 Breakdown: 12 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: 20 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	0	57	0	99	0	129	0	161
P 2	5	57	3	180	5	126	3	467
P 3	10	57	6	802	10	124	6	995
P 4	15	59	9	1022	15	124	9	1022
P 5	20	64	12	1051	20	126	12	1040
P 6	25	68	15	1076	25	129	15	1055
P 7	30	73	18	1080	30	133	18	1066
P 8	35	78	21	1093	35	139	21	1076
P 9	40	84	24	1101	40	144	24	1084
P10	45	87	27	1109	45	149	27	1090
P11	50	91	30	1114	50	153	30	1097
P12	55	95	33	1120	55	157	33	1102
P13	60	99	36	1126	60	161	36	1108
P14			39	1131			39	1113
P15			42	1136			42	1118
P16			45	1141			45	1120
P17			48	1144			48	1125
P18			51	1147			51	1128
P19			54	1150			54	1131
P20			57	1152			57	1133
			60	1154			60	1135

