WESTERN TESTING CO., INC.
FORMATION TESTING TICKET № 5507

P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Elevation 1229KB Formation BV Eff. Pay ____ Ft.

S220 District Augusta Date 7-27-84 Customer Order No. ____

COMPANY NAME Stelbar Oil Corp. ~~Inc.~~

ADDRESS 450 Fourth Financial Center Wichita, Ks 67202

LEASE AND WELL NO. Daves #33 COUNTY COWLEY STATE KS Sec 10 Twp 30S Rge 4 E

Mail Invoice To Co. Name Same Address No. Copies Requested 1

Mail Charts To #33 DAVES UNIT Address Same No. Copies Requested 5

Formation Test No. 1 Interval Tested From 2797 ft. to 2840 ft. Total Depth 2840 ft.

Packer Depth 2792 ft. Size 6.75 in. Packer Depth — ft. Size ____ in.

Packer Depth 2797 ft. Size 6.75 in. Packer Depth — ft. Size ____ in.

Depth of Selective Zone Set ____

Top Recorder Depth (Inside) AP 2784 ft. Recorder Number 5666 Cap. 3950

Bottom Recorder Depth (Outside) 2802 ft. Recorder Number 13265 Cap. 3975

Below Straddle Recorder Depth — ft. Recorder Number ____ Cap. ____

Drilling Contractor Range #2

Mud Type Chem Viscosity 47

Weight 9.9 Water Loss 15.0 cc.

Chlorides 1800 P.P.M.

Jars: Make — Serial Number ____

Did Well Flow? NO Reversed Out NO

Drill Collar Length 115 I. D. 2.25 in.

Weight Pipe Length ____ I. D. ____ in.

Drill Pipe Length 2657 I. D. 3.8 in.

Test Tool Length 25 ft. Tool Size 5.5 in.

Anchor Length 43 ft. Size 5.5 in.

Surface Choke Size .75 in. Bottom Choke Size .75 in.

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

Blow: Strong thru out

Recovered 500 ft. of Gas in Pipe

Recovered 30 ft. of Slight Oil & Gas Cut Mud 10% oil

Recovered 120 ft. of Heavy Gas and Oil Cut Mud 50% gas 30% oil

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Chlorides ____ P.P.M. Sample Jars used 3 Remarks: Communication w/ Hydrostat! per LDK.

Time On Location 7:00 ~~A.M.~~ P.M. Time Pick Up Tool 9:00 ~~A.M.~~ P.M. Time Off Location 4:30 ~~P.M.~~ A.M.

Time Set Packer(s) 10:30 ~~A.M.~~ P.M. Time Started Off Bottom 11:30 ~~P.M.~~ A.M. Maximum Temperature 105°F

Initial Hydrostatic Pressure		(A) 1470	P.S.I.	
Initial Flow Period	Minutes 30	(B) 90	P.S.I. to	(C) 70 P.S.I.
Initial Closed In Period	Minutes 30	(D) 780	P.S.I.	
Final Flow Period	Minutes 60	(E) 110	P.S.I. to	(F) 80 P.S.I.
Final Closed In Period	Minutes 60	(G) 1360?	P.S.I.	
Final Hydrostatic Pressure		(H) 1450	P.S.I.	#13265

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By [signature]
Signature of Customer or his authorized representative

Western Representative Allen Edgington DS28

FIELD INVOICE

Open Hole Test	$ 550
Misrun	$
Straddle Test	$
Jars	$
Selective Zone	$
Safety Joint	$
Standby	$
Evaluation	$
Extra Packer	$
Circ. Sub.	$
Mileage	$
Fluid Sampler	$
Extra Charts	$
Insurance	$
Telecopier	$
TOTAL	$

WESTERN TESTING CO., INC.

Pressure Data

Date 7/27/84 Test Ticket No. 5507

Recorder No. 13265 Capacity _____ Location _____ Ft.

Clock No. — — — — Elevation _____ Well Temperature _____ °F

Point		Pressure	
A	Initial Hydrostatic Mud	1474	P.S.I.
B	First Initial Flow Pressure	66	P.S.I.
C	First Final Flow Pressure	69	P.S.I.
D	Initial Closed-in Pressure	179	P.S.I.
E	Second Initial Flow Pressure	83	P.S.I.
F	Second Final Flow Pressure	86	P.S.I.
G	Final Closed-in Pressure	1340	P.S.I.
H	Final Hydrostatic Mud	1448	P.S.I.

	Time Given	Time Computed
Open Tool	M	
First Flow Pressure	Mins.	Mins.
Initial Closed-in Pressure	Mins.	Mins.
Second Flow Pressure	Mins.	Mins.
Final Closed-in Pressure	Mins.	Mins.

PRESSURE BREAKDOWN

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

Point	Mins.	Press.
P 1	0	66
P 2	5	
P 3	10	
P 4	15	
P 5	20	66
P 6	25	67
P 7	30	69
P 8	35	
P 9	40	
P10	45	
P11	50	
P12	55	
P13	60	
P14		
P15		
P16		
P17		
P18		
P19		
P20		

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

Point Minutes	Press.
0	69
3	75
6	81
9	91
12	101
15	114
18	131
21	151
24	172
27	179
30	
33	
36	
39	
42	
45	
48	
51	
54	
57	
60	

Second Flow Pressure
Breakdown: 13 Inc.
of 5 mins. and a
final inc. of 0 Min.

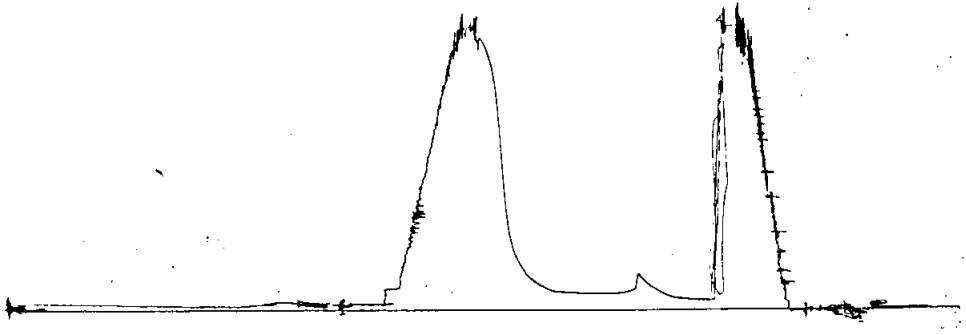
Point Minutes	Press.
0	83
5	
10	
15	
20	
25	
30	
35	
40	83
45	84
50	85
55	86
60	86
65	
70	
75	
80	
85	
90	

Final Shut-In
Breakdown: 21 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	86
3	89
6	93
9	101
12	109
15	119
18	133
21	150
24	172
27	202
30	238
33	291
36	356
39	465
42	604
45	760
48	942
51	1111
54	1217
57	1290
60	1340

TCK# 5507

I

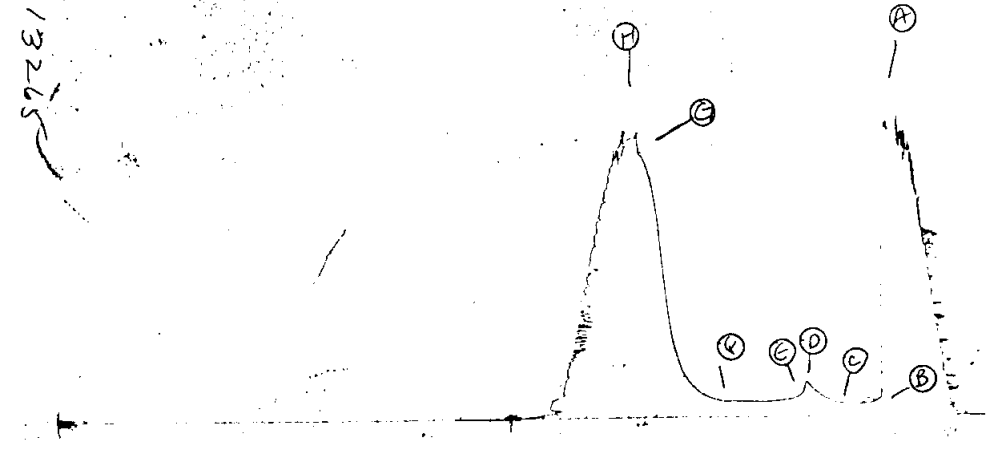


TCF# 5507

0

5507

13725



mpany STELBAR OIL CORPORATION Lease and Well No. #33 DAVES UNIT Sec. 0 Twp. Rge. Test No. Date

FORMATION TEST REPORT

WESTERN TESTERS

Home Office: Wichita, Kansas 67201

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

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 7/27/84 TICKET #5507
CUSTOMER: STELBAR OIL CORPORATION LEASE: DAVES UNIT
WELL: 33 TEST: 1 GEOLOGIST: BAKER
ELEVATION (KB): 1229 FORMATION: BARTLESVILLE
SECTION: 10 TOWNSHIP: 30S
RANGE: 4E COUNTY: COWLEY STATE: KANSAS
GAUGE SN #13265 RANGE: 3975 CLOCK: 12

INTERVAL TEST FROM: 2797 FT TO: 2840 FT TOTAL DEPTH: 2840 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 2792 FT SIZE: 6 3/4 IN PACKER DEPTH: 2797 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: RANGE DRLG
MUD TYPE: CHEMICAL VISCOSITY: 47
WEIGHT: 9.9 WATER LOSS (CC): 15.0
CHLORIDES (P.P.M.): 1800
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 115 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 2657 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 25 FT TOOL SIZE: 5 1/2 IN
ANCHOR LENGTH: 43 FT SIZE: 5 1/2 IN
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 XH IN

BLOW: STRONG BLOW THROUGHOUT TEST.

RECOVERED: 500 FT OF: GAS ABOVE FLUID.
RECOVERED: 20 FT OF: SLIGHTLY OIL & GAS CUT MUD. 10% OIL.
RECOVERED: 120 FT OF: HEAVY GAS & OIL CUT MUD. 50% GAS: 30% OIL.
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS: COMMUNICATION WITH HYDROSTAT.

TIME SET PACKER(S): 10:30 PM TIME STARTED OFF BOTTOM: 1:30 AM
WELL TEMPERATURE: 105 °F

INITIAL HYDROSTATIC PRESSURE:		(A) 1474	PSI	
INITIAL FLOW PERIOD	MIN: 30	(B) 66	PSI TO (C) 69	PSI
INITIAL CLOSED IN PERIOD	MIN: 27	(D) 179	PSI	
FINAL FLOW PERIOD	MIN: 60	(E) 83	PSI TO (F) 86	PSI
FINAL CLOSED IN PERIOD	MIN: 60	(G) 1340	PSI	
FINAL HYDROSTATIC PRESSURE		(H) 1448	PSI	

WESTERN TESTING CO. INC.
PRESSURE DATA

DATE: 7/27/84 TICKET #5507
CUSTOMER: STELBAR OIL CORPORATION LEASE: DAVES UNIT
WELL: 33 TEST: 1 GEOLOGIST: BAKER
ELEVATION (KB): 1229 FORMATION: BARTLESVILLE
SECTION: 10 TOWNSHIP: 30S
RANGE: 4E COUNTY: COWLEY STATE: KANSAS
GAUGE SN #13265 RANGE: 3975 CLOCK: 12

(A)	INITIAL HYDROSTATIC PRESSURE:	1474	PSI
(B)	FIRST INITIAL FLOW PRESSURE:	66	PSI
(C)	FIRST FINAL FLOW PRESSURE:	69	PSI
(D)	INITIAL CLOSED-IN PRESSURE:	179	PSI
(E)	SECOND INITIAL FLOW PRESSURE:	83	PSI
(F)	SECOND FINAL FLOW PRESSURE:	86	PSI
(G)	FINAL CLOSED-IN PRESSURE:	1340	PSI
(H)	FINAL HYDROSTATIC PRESSURE:	1448	PSI
WELL TEMPERATURE:		105	'F

OPEN TOOL: 10:30 PM

	TIME - GIVEN		TIME - ACTUAL	
FIRST FLOW PRESSURE:	30	MIN	30	MIN
INITIAL CLOSED-IN PRESSURE:	30	MIN	27	MIN
SECOND FLOW PRESSURE:	60	MIN	60	MIN
FINAL CLOSED-IN PRESSURE:	60	MIN	60	MIN

PRESSURE BREAKDOWN

	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
PT	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	0	66	0	69	0	83	0	86
2	5	66	3	75	5	83	3	89
3	10	66	6	81	10	83	6	93
4	15	66	9	91	15	83	9	101
5	20	66	12	101	20	83	12	109
6	25	67	15	114	25	83	15	119
7	30	69	18	131	30	83	18	133
8			21	151	35	83	21	150
9			24	172	40	83	24	172
10			27	179	45	84	27	202
11					50	85	30	238
12					55	86	33	291
13					60	86	36	356
14							39	465
15							42	604
16							45	760
17							48	942
18							51	1111
19							54	1217
20							57	1290
21							60	1340
22								
23								
24								
25								
26								
27								
28								
29								
30								