

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

API NO. 15- 155-21,231-0000 ORIGINAL

County Reno  
40' S & 40' W  
NW $\frac{1}{4}$ -SW $\frac{1}{4}$ -NE $\frac{1}{4}$  - Sec. 3 Twp. 25S Rge. 8 X W

Operator: License # #6944 / #9855  
Stelbar Oil Corporation, Inc. -  
Name: Grand Mesa Operating Co.

3110 Feet from S/W (circle one) Line of Section  
2270 Feet from E/W (circle one) Line of Section

Address 155 N. Market  
Suite #500

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)

City/State/Zip Wichita, KS 67202

Lease Name Trembley Well # 1-3

Purchaser: \_\_\_\_\_

Field Name Unknown

Operator Contact Person: Roscoe L. Mendenhall

Producing Formation Mississippian

Phone (316) 264-8378

Elevation: Ground 1579' KB 1588'

Contractor: Name: Duke Drilling Co., Inc.

Total Depth 3975' PBDT 3922'

License: #5929 FEB 18

Amount of Surface Pipe Set and Cemented at 268' Feet

Wellsite Geologist: Steve Stribling CONFIDENTIAL

Multiple Stage Cementing Collar Used? \_\_\_\_\_ Yes X No

Designate Type of Completion

X New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover

If yes, show depth set \_\_\_\_\_ Feet

X Oil \_\_\_\_\_ SWD \_\_\_\_\_ S10W \_\_\_\_\_ Temp. Abd.

If Alternate II completion, cement circulated from \_\_\_\_\_

\_\_\_\_\_ Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cnt.

\_\_\_\_\_ Dry \_\_\_\_\_ Other (Core, WSW, Expl., Cathodic, etc)

Drilling Fluid Management Plan 3-3-83  
(Data must be collected from the Reserve Pit)

If Workover/Re-Entry: old well info as follows:

Operator: \_\_\_\_\_ RELEASED

Chloride content 10,000 ppm Fluid volume 200 bbls

Well Name: \_\_\_\_\_ 11/1994

Dewatering method used Vacuum Truck & Evaporation.

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

\_\_\_\_\_ Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_ Conv. to Inj/SWD

FROM CONFIDENTIAL

\_\_\_\_\_ Plug Back \_\_\_\_\_ PBDT

Operator Name C & C Tank Service, Inc.

\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_

Lease Name Roach License No. #30708

\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_

SW $\frac{1}{4}$  Quarter Sec. 14 Twp. 23 S Rng. 9 X W

\_\_\_\_\_ Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

County Reno Docket No. #22208

11/19/92 11/28/92

Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Roscoe L. Mendenhall  
(Roscoe L. Mendenhall)  
Title Petroleum Engineer Date 02/18/93

Subscribed and sworn to before me this 18th day of February, 19 93.

Notary Public Ginger L. Kelley  
(Ginger L. Kelley)

Date Commission Expires July 1, 1996

GINGER L. KELLEY  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appl. Exp. 7-1-96

2-19-93 RECEIVED  
K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
DISTRIBUTION DIVISION  
KCC \_\_\_\_\_ SWD \_\_\_\_\_  
KGS \_\_\_\_\_ Plug \_\_\_\_\_ Other \_\_\_\_\_  
(Specify)

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
(Attach Additional Sheets.)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
(Submit Copy.)

List All E.Logs Run:  
Compensated Neutron/Compensated Photo-Density Log.  
Array Induction Shallow Focused Electric Log.  
Acoustic Cement Bond Log.

Log Formation (Top), Depth and Datum  Sample

Name	Sample	E-Log
Heebner Shale	2972 -1384	2975 -1387
Lansing	3164 -1576	3163 -1575
Stark Shale	3468 -1880	3465 -1877
Hushpuckney Sh.	3507 -1919	3505 -1917
B/Kansas City	3564 -1976	3564 -1976
Basal Penn. Lst.	3678 -2090	3673 -2085
Mississippi	3712 -2124	3712 -2124
Gilmore City	3785 -2197	3786 -2198
Kinderhook Shale	3810 -2222	3808 -2220
Total Depth	3975 -2387	

CASING RECORD

New  Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Conductor	17 1/4"	13 3/8"		59' KB	---	50	Quick Set
Surface	12 1/4"	8 5/8"	20#	268' KB	60/40 Poz	170	2% gel-3% cc
Production	7 7/8"	5 1/2"	15.5#	3970' KB	50/50 Poz	175	2% gel-10% salt

ADDITIONAL CEMENTING/SQUEEZE RECORD

5#/sx gilsonite  
1.5% Halad 322

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

PERFORATION RECORD - Bridge Plugs Set/Type  
Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record  
(Amount and Kind of Material Used) Depth

2 Shots Per-Ft	Mississippi / 3722' - 3736'	Acidize w/ 2000 gals. 7 1/2% HCL	3722'-3736'

TUBING RECORD Size Set At Packer At Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. Not yet on production. Producing Method (When placed on production)  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	80	TSTM	8		35

Disposition of Gas:  
 Vented  Sold  Used on Lease  
(If vented, submit ACD-18.)

METHOD OF COMPLETION  
 Open Hole  Perf.  Dually Comp.  Commingled  
 Other (Specify)

Production Interval  
3722' - 3736'



**DIAMOND TESTING**  
 P. O. Box 157  
 HOISINGTON, KANSAS 67544  
 (316) 653-7550

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**CONFIDENTIAL**  
 Page 1 of 8 Pages

Company Stelbar Oil/Grand Mesa Oper. Co. Lease & Well No. Trembley No. 1-3  
 Elevation 1588 KB Formation Mississippi Effective Pay 27 Ft. Ticket No. 900  
 Date 11-26-92 Sec. 3 Twp. 25S Range 8W County Reno State Kansas  
 Test Approved By Steve Stribling Diamond Representative Roger D. Friedly

Formation Test No. 1 Interval Tested from 3,713 ft. to 3,740 ft. Total Depth 3,740 ft.  
 Packer Depth 3,708 ft. Size 6 3/4 in. Packer Depth ft. Size in.  
 Packer Depth 3,713 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set \_\_\_\_\_  
 Top Recorder Depth (Inside) 3,695 ft. Recorder Number 13386 Cap. 3,875 psi  
 Bottom Recorder Depth (Outside) 3,737 ft. Recorder Number 13556 Cap. 4,425 psi  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_

Drilling Contractor Duke Drilling Co., Inc. - Rig 5 Drill Collar Length -- I.D. -- in  
 Mud Type Chemical Viscosity 53 Weight Pipe Length 557 ft. I.D. 2 7/8 in  
 Weight 9.4 Water Loss 7.2 cc. Drill Pipe Length 3,125 ft. I.D. 3 1/2 in  
 Chlorides 5,000 P.P.M. Test Tool Length 31 ft. Tool Size 3 1/2 -IF in  
 Jars: Make Bowen Serial Number 1 Anchor Length 27 ft. Size 4 1/2 -FH in  
 Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in  
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 -XH in

Blow: 1st Open: Strong blow. Off bottom of bucket in 30 secs. Gas to surface in 8 mins. Good  
blow back on shut-in. (SEE GAS VOLUME REPORT)  
 2nd Open: Strong blow. Off bottom of bucket immediately. Good blow back on shut-in.

Recovered 62 ft. of mud cut gassy oil = .49786 bbls. (Grind out: 2% water; 15% mud; 5% gas; 78% oil)  
 Recovered 124 ft. of muddy oil = .99572 bbls. (Grind out: 2% water; 5% mud; 5% gas; 88% oil)  
 Recovered 124 ft. of muddy oil = .99572 bbls. (Grind out: 2% mud; 7% water; 10% gas; 81% oil)  
 Recovered 242 ft. of muddy oil = 1.94326 bbls. (Grind out: 1% mud; 7% water; 92% oil)  
 Recovered 126 ft. of mud cut gassy oil = 1.47884 bbls. (Grind out: 5% water; 7% mud; 10% gas; 78% oil)  
 Recovered 63 ft. of muddy oil = .74907 bbls. (Grind out: 1% mud; 2% water; 10% gas; 87% oil)  
 Recovered 94 ft. of muddy oil = 1.11766 bbls. (Grind out: 1% water; 99% oil) Gravity: 39° @ 60°  
 Recovered 32 ft. of water = .38048 bbls. (Chlorides: 48,000 Ppm; P.H.: 6.5)

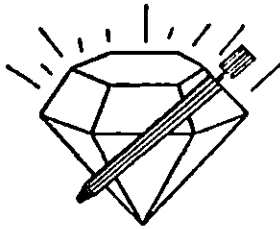
Recovered 867 ft. of TOTAL FLUID = 8.15861 bbls.

**RELEASED**

Remarks \_\_\_\_\_ MAR 11 1994

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Time Set Packer(s) <u>1:35</u> <del>P.M.</del> <u>A.M.</u>	Time Started Off Bottom <u>6:35</u> <del>P.M.</del> <u>A.M.</u>	Maximum Temperature <u>112°</u>
Initial Hydrostatic Pressure ..... (A) <u>1835</u> <u>P.S.I.</u>		
Initial Flow Period ..... Minutes <u>30</u> (B) <u>156</u> <u>P.S.I. to (C)</u>		RECEIVED STATE CORPORATION COMMISSION
Initial Closed In Period ..... Minutes <u>60</u> (D) <u>1080</u> <u>P.S.I.</u>		
Final Flow Period ..... Minutes <u>90</u> (E) <u>183</u> <u>P.S.I. to (F)</u>		FEB 19 1993 P.S.I.
Final Closed In Period ..... Minutes <u>120</u> (G) <u>1037</u> <u>P.S.I.</u>		CONSERVATION DIVISION Wichita, Kansas
Final Hydrostatic Pressure ..... (H) <u>1828</u> <u>P.S.I.</u>		



**DIAMOND TESTING**  
 P. O. Box 157  
 HOISINGTON, KANSAS 67544  
 (316) 653-7550  
**GAS VOLUME REPORT**

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**CONFIDENTIAL**  
 Page 2 of 8 Pages

Company Stelbar Oil/Grand Mesa Oper. Co. Lease & Well No. Trembley No. 1-3  
 Date 11-26-92 Sec. 3 Twp. 25 S Rge. 8 W Location & 2270' FEL, SEC County Reno State KS  
 Drilling Contractor Duke Drilling Co., Inc. - Rig 5 Formation Mississippi DST No. 1  
 Remarks: 1st Open: Gas to surface in 8 mins.

No H<sub>2</sub>S detected. Gas did burn. Gas sample taken 20 mins. into final flow.

**INITIAL FLOW**

Open Tool: 1:35 a.m.

Time O'Clock	Orifice Size	Gauge	CF/D
1:50 a.m.	1/2 in.	3 psi	59,200
1:55 a.m.	1/2 in.	3 1/2 psi	64,000
2:05 a.m.	1/2 in.	4 psi	68,800
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	

**FINAL FLOW**

Open Tool: 3:05 a.m.

Time O'Clock	Orifice Size	Gauge	CF/D
3:20 a.m.	1/2 in.	4 psi	68,800
3:35 a.m.	1/2 in.	3 1/2 psi	64,000
* 3:50 a.m.	1/4 in.	9 1/2 psi	29,900
4:05 a.m.	1/4 in.	9 1/2 psi	29,900
4:20 a.m.	1/4 in.	9 1/2 psi	29,900
4:35 a.m.	1/4 in.	9 1/2 psi	29,900
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	

\* Blow decreasing. Changed to 1/4 in.  
 Mist of flammable condensation thru orifice

**RELEASED**

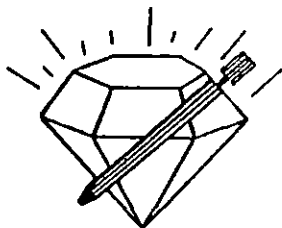
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 P. O. Box 157  
 HOISINGTON, KANSAS 67544  
 (800) 542-7313

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**FLUID SAMPLE DATA**

Company Stelbar Oil/Grand Mesa Oper. Co.

Lease & Well No. Trembley No. 1-3

Date 11-26-92 Sec. 3 Twp. 25 S Range 8 W

Formation Test No. 1 Interval Tested From 3,713 ft. to 3,740 ft. Total Depth 3,740 ft.

Formation Mississippi

		MUD PIT	RECOVERY	
Viscosity	<b>RELEASED</b>	<u>53.0</u> CP	<u>*</u> CP	No clean mud recovered.
Weight	<b>MAR 11 1994</b>	<u>9.4</u>	<u>*</u>	Mostly mud cut oil & muddy oil.
Water Loss	<b>FROM CONFIDENTIAL</b>	<u>7.2</u> CC	<u>*</u> CC	
PH Factor		<u>9.5</u>	<u>*</u>	

	RESISTIVITY			CHLORIDE CONTENT
Recovery Water	<u>.14</u>	@	<u>60 °F.</u>	<u>60,000</u> ppm
Recovery Mud	<u>--</u>	@	<u>-- °F.</u>	<u>--</u> ppm
Recovery Mud Filtrate	<u>--</u>	@	<u>-- °F.</u>	<u>--</u> ppm
Mud Pit Sample	<u>1.1</u>	@	<u>56 °F.</u>	<u>6,000</u> ppm
Mud Pit Sample Filtrate	<u>.8</u>	@	<u>60 °F.</u>	<u>9,000</u> ppm

Sample Taken By Roger D. Friedly

Witness By Steve Stribling

Remarks Pit tube chlorides were 5,000 Ppm.

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FEB 19 1993

CONSERVATION DIVISION  
 Wichita, Kansas

DIAMOND TESTING  
 CALCULATION OF FORMATION CHARACTERISTICS  
 FROM DST DATA

\*\*\*\*\*

FOR: STELBAR / GRAND MESA  
 LEASE: TREMBLEY # 1-3 DST #1 FEB 18  
 LOCATION: 3-25-8, 3590'FSL & 2270'FEL  
 COUNTY: RENO, KS  
 GAUGE DEPTH: 3737

FORMATION: MISS  
 ELEVATION: 1588 KB  
 DATUM: -2149

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\*\*\*\*\*TEST PARAMETERS\*\*\*\*\*

TEST INTERVAL: 3713 - 3740	POROSITY FRACTION: .25
INTERVAL TESTED: 27	VISCOSITY: 2.5 CP
EST PAY: 27	OIL GRAVITY: 39 @60 DEG.
TIME INTERVAL: 30 - 63 - 90 - 123	
INITIAL FLOW PRESS: 155.3- 124.4	TOTAL FT RECOVERY: 867 FT
FINAL FLOW PRESS: 215.9- 301.1	D.C. CAPACITY: 0.0000
	D.C. LENGTH: 0 FT
SHUT-IN PRESS(I-F): 1078.7-1039.4	W.P. CAPACITY: 0.00803
	W.P. LENGTH: 557 FT
BOTTOM HOLE TEMP.: 112 DEG F	D.P. CAPACITY: 0.01189
HOLE SIZE: 7.875	BBLs RECOVERY: 8.15723

\*\*\*\*\*EXTRAPOLATED PRESSURE\*\*\*\*\*

EXTRAPOLATED INITIAL SHUT-IN PRESSURE (PSI): 1200  
 SLOPE (PSI-CYCLE): 527 POINTS USED: 8

EXTRAPOLATED FINAL SHUT-IN PRESSURE (PSI): 1200  
 SLOPE (PSI-CYCLE): 463 POINTS USED: 12

**RELEASED**

MAR 11 1994

FROM CONFIDENTIAL

\*\*\*\*\*CALCULATIONS\*\*\*\*\*

PRODUCTION POTENTIAL (B/D)	:	97.89
TRANSMISSIBILITY (MD-FT/CP)	:	34.38
FLOW CAPACITY (MD.-FT.)	:	85.94
EFFECTIVE PERMEABILITY (MD)	:	3.18
PRODUCTIVITY INDEX (B/D/PSI)	:	0.1089
DAMAGE RATIO	:	0
SKIN FACTOR (S)	:	0
PRESSURE DROP DUE TO SKIN (PSI)	:	-652.1
APPROXIMATE RADIUS OF INVESTIGATION (FT)	:	1500
DRAWDOWN FACTOR (%)	:	0.000
POTENTIOMETRIC SURFACE (FT)	:	6338

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DIAMOND TESTING  
CALCULATION OF FORMATION CHARACTERISTICS  
FROM DST DATA

\*\*\*\*\*

FOR: STELBAR / GRAND MESA  
LEASE: TREMBLEY # 1-3 DST #1 CONFIDENTIAL  
LOCATION: 3-25-8, 3590'FSL & 2270'FEL  
FORMATION: MISS  
COUNTY: RENO, KS ELEVATION: 1588 KB  
GAUGE DEPTH: 3737 DATUM: -2149

FEB 1 8

\*\*\*\*\*TEST PARAMETERS\*\*\*\*\*

TEST INTERVAL: 3713 - 3740 EST PAY: 27  
TIME INTERVAL: 30 - 63 - 90 - 123 GAS COMPRESSIBILITY: 1.22  
INITIAL FLOW PRESS: 155.3- 124.4 VISCOSITY OF GAS: .033  
FINAL FLOW PRESS: 215.9- 301.1 POROSITY FRACTION: .25  
SHUT-IN PRESS(I-F):1078.7-1039.4 D.C. CAPACITY: 0.00000  
BOTTOM HOLE TEMPERATURE: 112 W.P. CAPACITY: 0.00803  
TOTAL FEET OF RECOVERY: 867 D.P. CAPACITY: 0.01189  
STAB FLOW RATE: 29.9 MCF TOTAL BBLs FLUID: 8.1572

\*\*\*\*\*EXTRAPOLATED PRESSURE\*\*\*\*\*

EXTRAPOLATED INITIAL SHUT-IN PRESSURE (PSI): 1200  
SLOPE (PSI<sup>2</sup>-CYCLE): 987071 POINTS USED: 8

EXTRAPOLATED FINAL SHUT-IN PRESSURE (PSI): 1200  
SLOPE (PSI<sup>2</sup>-CYCLE): 896831 POINTS USED: 12

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\*\*\*\*\* GAS CALCULATIONS \*\*\*\*\*

TRANSMISSIBILITY (MD-FT/CP) : 38.09  
THEORETICAL FLOW CAPACITY (MD-FT) : 1.26  
INDICATED FLOW CAPACITY (MD-FT) : 0.88  
AVERAGE EFFECTIVE PERMABILITY (MD) : 0.05  
DAMAGE RATIO : 1.425  
SKIN FACTOR (S) : -3.9  
DRAWDOWN FACTOR (%) : 0.000  
APPROXIMATE RADIUS OF INVESTIGATION (FT) : 2.4  
POTENTIOMETRIC SURFACE (FT) : 633.8

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11-27-1992 STELBAR / GRAND MESA

TREMBLEY # 1-3  
INITIAL & FINAL SHUT-IN

DST #1

INITIAL

FINAL

FROM CONFIDENTIAL

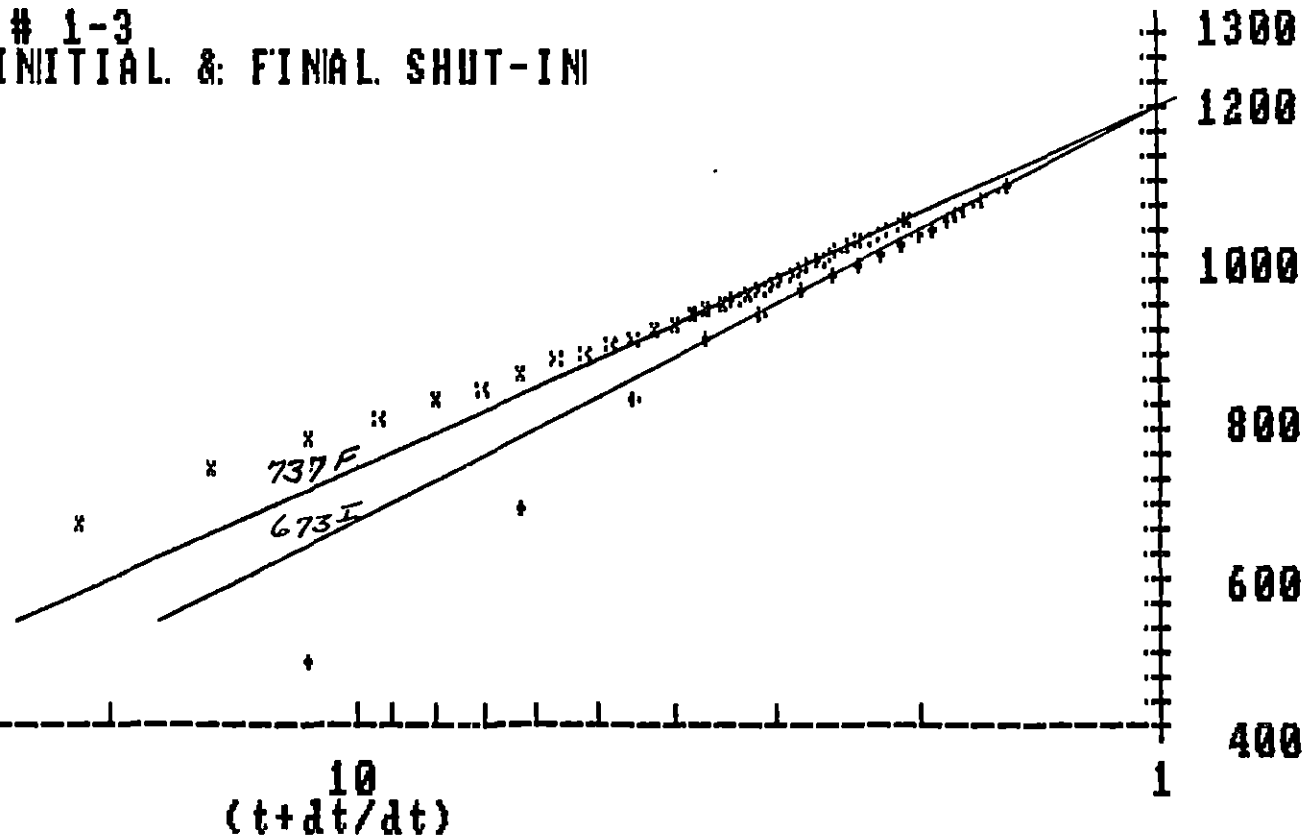
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CONSERVATION DIVISION  
Wichita, Kansas





11-27-1992

STELBAR / GRAND MESA  
LEASE: TREMBLEY  
INITIAL FLOW  
DST #:1

=====

RECORDER NO: 13556 DEPTH: 3737 FT.  
INITIAL FLOW TIME: T = 30 MIN.

DT(MIN)	PRESSURE(PSIG)
0	155.3
3	121.1
6	112.3
9	107.9
12	106.8
15	104.6
18	103.5
21	104.6
24	104.6
27	112.3
30	124.4

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11-27-1992

STELBAR / GRAND MESA  
LEASE: TREMBLEY  
FINAL FLOW  
DST #:1

=====

RECORDER NO: 13556 DEPTH: 3737 FT.  
FINAL FLOW TIME: T = 90 MIN.

DT(MIN)	PRESSURE(PSIG)
0	196.0
3	185.0
6	182.8
9	182.8
12	182.8
15	182.8
18	186.1
21	189.4
24	193.8
27	199.3
30	203.7
33	208.1
36	212.6
39	220.3
42	225.8
45	233.5
48	239.0
51	245.6
54	250.0
57	254.4
60	258.8
63	264.3
66	268.7
69	275.3
72	281.3
75	286.8
78	291.2
81	295.6
84	298.9
87	300.0
90	301.1

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STATE CORPORATION COMMISSION

FEB 19 1995  
CONSERVATION DIVISION  
Wichita, Kansas

LEASE:TREMBLEY # 1-3  
DST #:1  
INITIAL SHUT-IN

RECORDER NO: 13556 DEPTH: 3737 FT.  
INITIAL FLOW TIME: T = 30 MIN.

DT(MIN)	LOG((T+DT)/DT)	PRESSURE(PSIG)
3	1.041	478.0
6	0.778	673.6
9	0.637	809.0
12	0.544	882.2
15	0.477	918.2
18	0.426	944.4
21	0.385	964.1
24	0.352	980.4
27	0.325	993.5
30	0.301	1004.4
33	0.281	1015.4
36	0.263	1025.2
39	0.248	1032.8
42	0.234	1041.6
45	0.222	1048.1
48	0.211	1054.7
51	0.201	1062.3
54	0.192	1065.6
57	0.184	1070.0
60	0.176	1075.4
63	0.169	1078.7

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LEASE:TREMBLEY # 1-3  
DST #:1  
FINAL SHUT-IN

RECORDER NO: 13556 DEPTH: 3737 FT.  
TOTAL FLOW TIME: T = 120 MIN.

DT(MIN)	LOG((T+DT)/DT)	PRESSURE(PSIG)
3	1.613	545.1
6	1.322	657.3
9	1.156	728.2
12	1.041	764.3
15	0.954	789.4
18	0.885	813.4
21	0.827	829.8
24	0.778	845.0
27	0.736	862.5
30	0.699	872.3
33	0.666	883.3
36	0.637	892.0
39	0.610	901.8
42	0.586	911.6
45	0.564	919.3
48	0.544	928.0
51	0.525	934.6
54	0.508	943.3
57	0.492	949.9
60	0.477	955.3
63	0.463	960.8
66	0.450	966.2
69	0.438	972.8
72	0.426	977.2
75	0.415	982.6
78	0.405	988.1
81	0.395	992.4
84	0.385	996.8
87	0.376	1001.2
90	0.368	1006.6
93	0.360	1009.9
96	0.352	1013.2
99	0.345	1016.5
102	0.338	1018.6
105	0.331	1021.9
108	0.325	1024.1
111	0.318	1027.4
114	0.312	1030.7
117	0.307	1033.9
120	0.301	1036.1
123	0.296	1039.4

RELEASED  
MAR 11 1994  
FROM CONFIDENTIAL

RECEIVED  
STATE CORPORATION COMMISSION

FEB 19 1993

CONSERVATION DIVISION  
Wichita, Kansas

DST # 1 Outside 13556

3213-3740

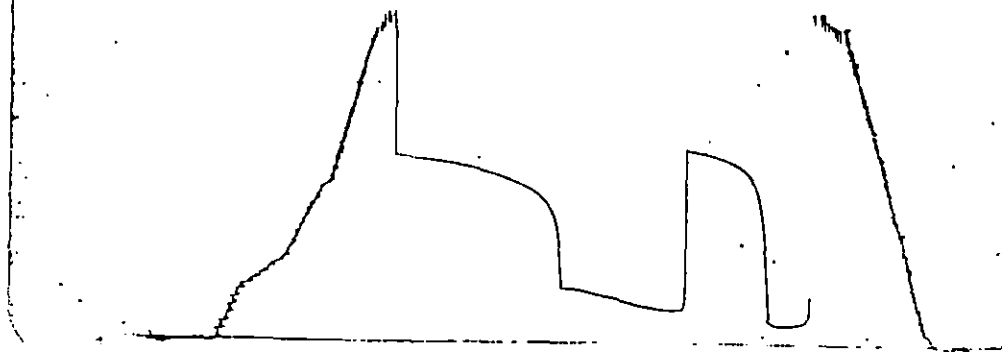
Clock 19121

MISS

LOC 3737

FEB 1 8

CONFIDENTIAL



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud .....	1835	1838	PSI
(B) First Initial Flow Pressure.....	156	155	PSI
(C) First Final Flow Pressure .....	134	124	PSI
(D) Initial Closed-in Pressure .....	1080	1079	PSI
(E) Second Initial Flow Pressure .....	183	196	PSI
(F) Second Final Flow Pressure.....	299	301	PSI
(G) Final Closed-in Pressure.....	1037	1039	PSI
(H) Final Hydrostatic Mud .....	1828	1837	PSI

RELEASED

MAR 11 1994

FROM CONFIDENTIAL



Phone 913-483-2627, Russell, Kansas  
 Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

FEB 18

**ALLIED CEMENTING CO., INC.**

Home Office P. O. Box 31

Russell, Kansas 67665

3463

New

Date	11-20-92	Sec.	3	Twp.	25	Range	8	Called Out	6:00 AM	On Location	6:00 AM	Job Start	7:30 AM	Finish	8:00 AM
Lease	Trembley	Well No.	1-3	Location			Arlington	W-34N			County	RENO	State	KY	

Contractor	Duke		
Type Job	SURFACE		
Hole Size	12 1/4	T.D.	268
Csg.	8 5/8	Depth	268
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.	15'	Shoe Joint	
Press Max.		Minimum	
Meas Line		Displace	12.50
Perf.			

Owner Same  
 To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.  
 Charge To Stelhan Oil Corp Inc.  
 Street 155 N. Market Suite 500  
 City Wichita State Ko. 67202  
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.  
*[Signature]*  
**CEMENT**

Amount Ordered	170 SK 60/40 2+3
Consisting of	
Common	102 5.50 561.00
Poz. Mix	68 2.50 170.00
Gel.	3 6.75 NIC
Chloride	5 21.00 105.00
Quickset	

<b>RELEASED</b>	
Handling	170 MAR 11 1994 1.00 170.00
Mileage	34 FROM CONFIDENTIAL 231.20
Sub-Total	
Total 12.37.20	

Floating Equipment  
 Total \$ 1659.20  
 Disc - 3 31.84

EQUIPMENT		
Pumptrk	No. 195	Cementer Don H
		Helper Kent R
Pumptrk	No.	Cementer
		Helper
Bulktrk	68	Driver Jack S
Bulktrk		Driver

DEPTH of Job		
Reference:	1 8 5/8 Plug	42.00
	Pump Trk	380.00
	Mileage	NIC
Total		422.00

Remarks: Cement did circulate  
 BY Allied Cementing  
 Thanks Don Hains

\$ 1327.36 RECEIVED  
 STATE CONSERVATION COMMISSION

FEB 22 1993  
 CONSERVATION DIVISION  
 Wichita, Kansas

FORM 1908 R-11

WELL NO.—FARM OR LEASE NAME <b>TREMBLEY #1-3</b>		COUNTY <b>RENO</b>	STATE <b>Ks.</b>	CITY/OFFSHORE LOCATION <b>PRATT, KANSAS</b>	DATE <b>11/27/92</b>
CHARGE TO <b>STELBAR OIL CORPORATION</b>		OWNER <b>STELBAR OIL CORPORATION</b>	TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>		NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ADDRESS		CONTRACTOR <b>DUKE DRUG CO., INC.</b>	LOCATION <b>1 PRATT, Ks.</b>		CODE <b>25555</b>
CITY, STATE, ZIP		SHIPPED VIA <b>4410</b>	FREIGHT CHARGES <input type="checkbox"/> FPD <input type="checkbox"/> COLLECT		LOCATION <b>2</b>
WELL TYPE <b>01</b>	WELL CATEGORY <b>01</b>	WELL PERMIT NO.	DELIVERED TO <b>LOCATION</b>		LOCATION <b>3</b>
TYPE AND PURPOSE OF JOB <b>035-5 1/2" LONG STRING</b>		<b>B-573004</b>	ORDER NO.		REFERRAL LOCATION

**CONFIDENTIAL**

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state whose services are performed or equipment or materials are furnished.

Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C.	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
					QTY	MEAS	QTY	MEAS		
000-117		1		MILEAGE ON PUMP TRUCK	32	MILES			2.60	83.20
001-016		1		PUMP CHARGE	8	HRS	3975	FR.	1240.	1,240.00
019-241		1		ROTATING HEAD	1	EA.			155.00	155.00
018-317		1		SUPER FLUSH	12	SKS.			98.00	1,176.00
030-016		1		TOP PLUG SW	1	EA.	5 1/2	IN.	50.00	50.00
12R	825.705	1		REGULAR GUIDE SHOE	1	EA.	5 1/2	IN.	121.00	121.00
019-000	815.19251	1		INSERT FLOAT VALVE	1	EA.	5 1/2	IN.	209.	209.00
019-000	815.19311	1		FILL UP ASSEMBLY	1	EA.	5 1/2	IN.	NC	NC.
40	807.93022	1		S4 CENTRALIZERS	10	EA.	5 1/2	IN.	44.00	440.00
7350	890.10802	1		HALLIBURTON WELD	1	EA.			11.50	11.50
66	807.64031	1		FRESH AIR UNIT CLAMP	1	EA.	5 1/2	IN.	11.30	11.30
209-027		1		APPROXIMATE HOURS	6	HRS			180.	1,080.00

THIS IS NOT AN INVOICE

RELEASED

MAR 11 1994

FROM CONFIDENTIAL

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.

**B-573004**

**2800.25**

WAS JOB SATISFACTORILY COMPLETED? \_\_\_\_\_

WAS OPERATION OF EQUIPMENT SATISFACTORY? \_\_\_\_\_

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? \_\_\_\_\_

X **Jerry D. Bairo**  
CUSTOMER OR HIS AGENT (PLEASE PRINT)

X **[Signature]**  
CUSTOMER OR HIS AGENT (SIGNATURE)

WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.

**JERRY D. BAIRO**  
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL \_\_\_\_\_

CUSTOMER

STATE OF KANSAS RECEIVED CORPORATION COMMISSION

SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE

**FEB 2 1993**

CONSERVATION DIVISION  
Winhita, Kansas