

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

Operator: License # 6044

CONFIDENTIAL

Name: Stelbar Oil Corporation, Inc.

Address: 155 N. Market

Suite #500

City/State/Zip Wichita, KS 67202

Purchaser: Farmland Industries, Inc.

Operator Contact Person: Roscoe L. Mendenhall

Phone (316) 264-8378

Contractor: Name: Sterling Drilling Company

License: 5142

Wellsite Geologist: Dave Goldak

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD S10W Temp. Abd.
 Gas ENHR S16W
 Dry Other (Core, WSW, Expl., Cathodic, etc)

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

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

10/03/97 10/10/97 10/30/97
Spud Date Date Reached TD Completion Date

API NO. 15- 077-21337

County Harper

50
EofC-SW/4NW/4- Sec. 26 Twp. 33S Rge. 6W XXX W

1980' Feet from ~~SWN~~ (circle one) Line of Section

710' Feet from ~~SWW~~ (circle one) Line of Section

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

Lease Name Carothers Well # 1-26

Field Name _____

Producing Formation Mississippian

Elevation: Ground 1308' KB 1317'

Total Depth 4570' PBD 4507'

Amount of Surface Pipe Set and Cased at 199' 8 5/8"@
210' KB Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

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

Chloride content 28,000 ppm Fluid volume 900 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name KCC License No. _____

Quarter SE 23 Twp. 3 Rng. E/W

County _____

CONFIDENTIAL

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
Title Engineer Date 01/22/98

Subscribed and sworn to before me this 22nd day of January, 19 98.

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

Date Commission Expires 07/01/2000

GINGER L. KELLEY
Notary Public - State of Kansas
My Appt. Expires 07-01-2000

K.C.C. OFFICE USE ONLY
Letter of Confidentiality Attached
Wireline Log Received
Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

SIDE TWO CAROTHERS

Operator Name Stelbar Oil Corporation, Inc. Lease Name Carothers Well # 1-26
 County Harper
 Sec. 26 Twp. 33S Rge. 6W
 East West

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 pressure, 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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<u>Formation</u>	<u>E-Log</u>
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<u>Iatan</u>	<u>3533 (-2216)</u>
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<u>Stalnaker</u>	<u>3570 (-2253)</u>
List All E.Logs Run:			<u>Kansas City</u>	<u>3810 (-2493)</u>
1. Dual Induction Log.			<u>Stark</u>	<u>3966 (-2149)</u>
2. Neutron / Density Porosity Log.			<u>Hushpuckney</u>	<u>4020 (-2703)</u>
3. Sonic Cement Bond Log.			<u>B/Kansas City</u>	<u>4063 (-2746)</u>
			<u>Marmaton</u>	<u>4122 (-2805)</u>
			<u>Cherokee Shale</u>	<u>4254 (-2937)</u>
			<u>Miss. Chert</u>	<u>4446 (-3129)</u>
			<u>Miss. Ls.</u>	<u>4486 (-3169)</u>
			<u>Miss. Dolomite</u>	<u>4514 (-3197)</u>

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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
Surface	12 1/4"	8 5/8"	24#	210' KB	60/40 poz	165	2% gel 3% CaCl ₂ 10% salt
Production		5 1/2"	15.5# (944')	4659' KB	50/50 poz	175	5# sk. silicate cement
		5 1/2"	14# (3631')	27 gal. w/500	1.5% Halad	322	Preceded cement gals. superflush.

ADDITIONAL CEMENTING/SQUEEZE RECORD				
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				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used) Depth	
2 SPF	Mississippian - 4448'-4476'		Acidize well w/1000 gals. 15% HEPK acid. Max. Pr. -1650psig. Avg. Pr. -900psig. Avg. rate after acid on perf. was 7BPM. ISIP = 600psig. 15min. SIP = 50psig.	
	Frac perfs. 4448'-4476' w/31,500 gals. gelled water & 43,000 lbs. 12/20 sand. Gelled water contained 25#/gal. gel & used borate crosslinker. Max. treating Pr. -1700psig. Avg. treating Pr. -1500 psig. Avg. rate = 25BPM. Max. sand conc. = 3#/gal. ISIP = 454psig. Well on vacuum in 5min. Total load = 856 bbls.			

TUBING RECORD		Size	Set At	Locker At	Liner Run	Production Interval	
		2 3/8"	4470'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<u>4448'-4476'</u>	
Date of First, Resumed Production, SWD or Inj.			Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
12/04/97							
Estimated Production Per 24 Hours	Oil	Gals.	Gas	Mcf	Water	Gals.	Gravity
	2		TSTM		300		36

Disposition of Gas: vented sold Used on Lease (if vented, submit ACD-18.)

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