

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

Form ACO-1
September 1999
Form Must Be Typed

CONFIDENTIAL

Operator: License # 6044
Name: Stelbar Oil Corporation, Inc.
Address: 155 North Market, Suite #500
City/State/Zip: Wichita, KS 67202
Purchaser: Cooperative Refining, LLC
Operator Contact Person: Roscoe L. Mendenhall
Phone: () 316 / 264-8378
Contractor: Name: Abercrombie RTD, Inc.
License: 30684
Wellsite Geologist: Dave Goldak
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
04/20/00 04/29/00 05/16/00
Spud Date or Date Reached TD Completion Date or Recompletion Date

STATE CORPORATION COMMISSION
RECEIVED
SEP 28 2000
WICHITA, KANSAS

API No. 15 - 175-217930000
County: Seward
180° W & 180° S
NE SE SE Sec. 20 Twp. 31S S. R. 32W East West
810' feet from S ~~XXX~~ (circle one) Line of Section
510' feet from E ~~XXX~~ (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Lower Well #: 1-20
Field Name: Shamrock NE
Producing Formation: Atoka
Elevation: Ground: 2858' Kelly Bushing: 2870'
Total Depth: 5535' KB Plug Back Total Depth: 5470' KB
Amount of Surface Pipe Set and Cemented at 1722' @ 1720' 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 1800 ppm Fluid volume 5000 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No. _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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: 05/18/99

Subscribed and sworn to before me this 18th day of May, 192000.
Notary Public: Ginger L. Kelley
Date Commission Expires: 07/01/2000

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

KCC Office Use ONLY

Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Stelbar Oil Corporation, Inc. Lease Name: Lower Well #: #1-20

Sec. 20 Twp. 31 S. R. 32W East West County: Seward

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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:

- Spectral Density Dual Spaced Neutron II Log
- High Resolution Induction Log
- Microlog

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
<u>Formation</u>	<u>Sample</u>	<u>E-Log</u>
Swope	4759 -1901	4763 -1893
Marmaton	4898 -2040	4902 -2032
Cherokee Shale	5071 -2213	5075 -2205
Atoka Zone	5368 -2510	5372 -2502
Morrow Shale	5392 -2534	5396 -2526
Miss.-Chester	5496 -2638	5498 -2628

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	# Sacs Used	Type and Percent Additives
Surface	12 1/4"	8 5/8" @ 1720' KB	24#	1720' KB	325 sx. Midcon w/3% cc, 1/2# Floeal, 1/2# FWCA, followed by 125 sx. Premium Plus w/2% cc, 1/4# Floeal.		
Production	7 7/8"	4 1/2" @ 5538' KB	10.5#/ft.	5516' KB	150 sx. self-stress cement w/1.5% fluid loss additive, 2% CaCl, 5#/sk. kolite & .25#/sx. celloflake. Preceded cement w/500 gals. mud flush.		

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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 SPF w/csg. gun	5372' - 5377' (5')	2000 gals. 20% HCL and 14,000 gals. retarded acid containing diesel & 20% HCL.	5372-5377'

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8"	5390'		

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
06/21/00	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	43 BBLs.	146 MCF	2 BBLs.		

Disposition of Gas Vented Sold Used on Lease (If vented, Sumit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled 5372' - 5377'

Production Interval Other (Specify) _____