

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

API NO. 15- 035-23, 2080001 *gnd*
County Cowley
-NE-SW-NE Sec. 21 Twp. 32S Rge. 4 E
 W

Operator: License # KCC # 31865
Name: Cooper Service Co.
Address Albert L. Cooper
P.O. Box 381
City/State/Zip Winfield, Kansas 67156

1650 Feet from S (circle one) Line of Section
1680 Feet from E (circle one) Line of Section

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

Lease Name M.T. Frazier Well # 1
Field Name _____
Producing Formation Cattlemen
Elevation: Ground 1125 KB 1130
Total Depth 3030 PBDT 2930
Amount of Surface Pipe Set and Cemented at 220 Feet

COPY

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 REENTRY *JK 7-17-97*
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____
Lease Name _____ License No. _____
Quarter Sec. Twp. S Rng. E/W
County _____ Docket No. _____

Purchaser: Total
Operator Contact Person: Albert L. Cooper
Phone (316) 221-1599

Contractor: Name: Cooper Service Co.
License: above

Wellsite Geologist: none

Designate Type of Completion
New Well Re-Entry Workover

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

If Workover:
Operator: Jas Oil Co Inc
Well Name: Frazier #1
Comp. Date 12-5-82 Old Total Depth 3030

Deepening _____ Re-perf. _____ Conv. to Inj/SWD
 Plug Back 2930 PBDT
Commingled _____ Docket No. _____
Dual Completion _____ Docket No. _____
Other (SWD or Inj?) _____ Docket No. _____

4-10-97 4-15-97 4-21-97
Date of REENTRY Date Reached TD Completion Date

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 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 Albert L. Cooper
Title Owner Cooper Service Co. Date 6.19.97
Subscribed and sworn to before me this 19th day of June, 1997.
Notary Public Mitchell Moulton
Date Commission Expires 6.10.2001

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

Operator Name Cooper Service Co. Lease Name Frazier Well # 1
 Sec. 21 Twp. 32S Rge. 4 East West
 County Cowley

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:

Log Sample
 Formation (Top), Depth and Datum
 Name CATTLEMAN SAND Top 2886' Datum

CASING RECORD <input 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	8 5/8"			220			
production	5 1/2"			3015			

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	
	1 shot per ft.	3000' to 3008'	750 gal of mud acid	
1 shot per ft.	2888' to 2904'	750 gal of mud acid		
	CIBP @ 2930'			

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 7/8	2880	2884	
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)			
4-21-97 ?					
Estimated Production Per 24 Hours	Oil <u>0.5</u> Bbls.	Gas <u>Trace</u> Mcf	Water <u>5</u> Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: **METHOD OF COMPLETION** Production Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 2888' - 2904'
 (If vented, submit ACO-18.) Other (Specify) _____