

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

Operator: License # 5886
Name: Chief Drilling, Inc.
Address 120 S. Market, #300
Wichita, KS 67202
City/State/Zip
Purchaser: Koch
Operator Contact Person: Douglas W. Thimesch
Phone (316) 262-3791
Contractor: Name: Cheyenne Well Service
License: 6454
Wellsite Geologist: n/a
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/Re-Entry: old well info as follows:
Operator: Chief Drilling, Inc.
Well Name: Brower #1
Comp. Date 12-22-86 Old Total Depth 4610
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
7-6-94 n/a 7-13-94
Spud Date Date Reached TD Completion Date

API NO. 15- 171-20,349000 ORIGINAL
County Scott
SW SW SE SE Sec. 23 Twp. 17S Rge. 31W E
330 FSL Feet from S/N (circle one) Line of Section
2310 FEL Feet from E/W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name Brower Well # 1
Field Name 9
Producing Formation Marmaton & Hushpuckney & Cherokee
Elevation: Ground 2917 KB 2924
Total Depth 4610 PBTD 4585
Amount of Surface Pipe Set and Cemented at 279 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2200' Feet
If Alternate II completion, cement circulated from 2200'
feet depth to surface w/ 200 sx cmt.
Drilling Fluid Management Plan
(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. _____

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 read with and the statements herein are complete and correct to the best of my knowledge.
Signature: [Signature]
Title Douglas W. Thimesch, President Date 7-28-94
Subscribed and sworn to before me this 28 day of July
19 94
Notary Public [Signature]

K.C.C. OFFICE USE ONLY - III 29 1994
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)
RECEIVED
STATE CORPORATION COMMISSION
CONSERVATION DIVISION
Wichita, Kansas

Date Commissioned BETTY M. ABBOTT 7-22-95
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 7-22-95

Operator Name Chief Drilling, Inc.

Lease Name Brower Well # 1

County Scott

Sec. 23 Twp. 17S Rge. 31W
 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 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.)

Log Formation (Top), Depth and Datums Sample
 Name Top Datum

List All E. Logs Run:

All information filed 1986.

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		279	pozmix	150	3%cc, 2%gel
production		4 1/2		4600	ASC	175	20 bbl 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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	
4	4304'-4310'	4	4262'-4264'	500 gal. 15% INS
2	4272'-4275'			
2	4532'-4534'			
2	4541'-4546'			

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
136 jts		2 3/8"	4505.35'	4283'		
Date of First, Resumed Production, SWD or Inj.			Producing Method			
7-13-94			<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.
	25		-0-		175	
						Gas-Oil Ratio
						Gravity

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

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

Production Interval: 4304-10'
 Commingled BY: _____