

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

Operator: License # 5293
Name: Helmerich & Payne, Inc.
Address: 1437 S. Boulder, Suite 1300
City/State/Zip: Tulsa, OK 74119
Purchaser: _____
Operator Contact Person: Sharon LaValley
Phone: (918) 295-1673
Contractor: Name: Cheyenne Drilling
License: 5382
Wellsite Geologist: NONE

Designate Type of Completion:

X New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
X 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. _____

6/24/02 6/27/02 9-10-02 (WOPLC)
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 055-21785
County: Finney
 - SW - SW - NW Sec. 8 Twp. 26 S. R. 31 ☐ East ☒ West
2986 feet from S / N (circle one) Line of Section
4931 feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: D.R. Lightner Well #: 1-2
Field Name: Hugoton
Producing Formation: Chase
Elevation: Ground: 2833 Kelly Bushing: 2839
Total Depth: 2845 Plug Back Total Depth: 2798
Amount of Surface Pipe Set and Cemented at 434 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 2835'
feet depth to surface w/ 530 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the reserve pit)

Chloride content Est 2000 ppm Fluid volume 800 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite: _____

Operator Name: K&L
Lease Name: Morris B1 SWD License No.: 8757
Quarter Sec. 19 Twp. 24 S. R. 31 ☐ East ☒ West
County: Finney Docket No.: C-16812 (96930-C)

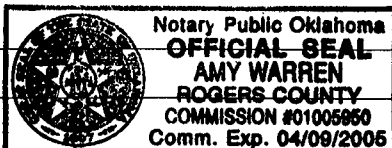
240 bbls hauled

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 completed and correct to the best of my knowledge.

Signature: Sharon LaValley
Title: Engineer Tech Date: 10/8/02
Subscribed and sworn to before me this 8th day of October,
2002.

Notary Public: Amy Warren
Date Commission Expires: 4/9/05



KCC Office Use Only

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

Operator Name: Helmerich & Payne, Inc. Lease Name: D.R. Lightner Well #: 1-2
 Sec. 8 Twp. 26 S. R. 31 ☐ East ☒ West County: Finney

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 Takes ☐ Yes ☒ No
 Electric Log Run ☒ Yes ☐ No
 (Submit Copy)

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

List All E. Logs Run:

Dual Spaced Neutron

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.
Surface	12 1/4	8 5/8	23	434	Prem Plus Lite C	100	2% CC + 1/4# Flocele
					Prem Plus C	125	2% CC + 1/4# Flocele
Production	7 7/8	5 1/2"	14 & 15.5#	2835	Prem Plus Lite C	400	1/4# Flocele mixed
					50/50 Poz Prem Plus C	125	10% Salt, 1/4# flocele

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ Plug Off Zone				

Shot Per Foot 4	PERFORATIONS RECORD – Bridge Plugs Set/Type Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)		Depth
	U. Krider 2671-2678'		19000 gals 70Q N2 Delta Foam w/41000# 16/30 White Sand		
TUBING RECORD					
Size	Set At	Packer At	Liner Run ☐ Yes ☒ No		
2 3/8	2710				
Date of First, Resumed Production, SWD or Enhr. 9/9/02		Producing Method			
		☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls	Gas Mcf	Water Bbls	Gas-Oil Ratio	Gravity
	0	75	110		

Disposition of Gas

METHOD OF COMPLETION

Production Interval

2671'-2678'

☐ Vented ☒ Sold ☐ Used on Lease
 (If Vented, Submit ACO-18)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify)