

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

COPY

file

Operator: License # 5293

Name: Helmerich & Payne, Inc.

Address: 1579 E. 21st Street

City/State/Zip: Tulsa, OK 74114

Purchaser:

Operator Contact Person: Sharon LaValley

Phone: (918) 742-5531

Contractor: Name: Cheyenne Drilling

License: 5382

Wellsite Geologist:

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.☐ 03/07/01 ☐ 03/18/01 ☐ 05/09/01Spud Date or
Recompletion Date

Date Reached TD

Completion Date or
Recompletion Date

API No. 15 - 081-21379

County: Haskell

SE - SE - SW Sec. 3 Twp. 27 S. R. 34 East West

330 feet from S N (circle one) Line of Section

2740 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Federal Well #: 3

Field Name: Pleasant Prairie

Producing Formation: Chester

Elevation: Ground: 2966' Kelly Bushing: 2977'

Total Depth: 5370' Plug Back Total Depth: 5292'

Amount of Surface Pipe Set and Cemented at 1900 Feet

Multiple Stage Cementing Collar Used? ☒ Yes ☐ No

If yes, show depth set 3191 Feet

If Alternate II completion, cement circulated from

feet depth to 3191 w/ 3191 sx cmt.

RECEIVED

JUL 06 2001

CONSERVATION DIVISION
WICHITA, KS

KCC

JUL 05 2001

CONFIDENTIAL

AUG 11 2003

Drilling Fluid Management Plan

(Data must be collected from the Reserve pit)

FROM CONFIDENTIAL

Chloride content Est 1000 ppm Fluid volume 2000 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 completed and correct to the best of my knowledge.

Signature: Sharon LaValley

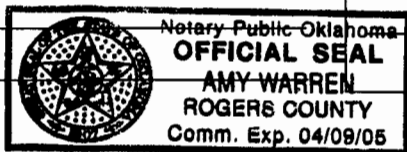
Title: Engineer Tech Date: 7-5-01

Subscribed and sworn to before me this 5 day of July

20 01

Notary Public: Amy Warren

Date Commission Expires: 4/9/05



KCC Office Use Only

☒ Letter of Confidentiality Attached
☒ If Denied, Yes ☐ No Date: _____
☒ Wireline Log Received
☒ Geologist Report Received
☐ UIC Distribution

Side Two

Operator Name: Helmerich & Payne, Inc. Lease Name: Federal Well #: 3
 Sec. 3 Twp. 27 S. R. 34 ☐ East ☒ West County: Haskell

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:

DIL/CNL/CDL/MEL/BHCS

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

Name	Top	Datum
Base of Stone Corral	1,928'	1,038'
Wellington	2,228'	738'
Heeber Shale	3,927'	-961'
Lansing	3,970'	-1,004'
Kansas City	4,418'	-1,452'
Base of Kansas City	4,559'	-1,593'
Atoka	4,940'	-1,974'
Morrow	5,001'	-2,035'
Chester	2,088'	878'
St. Louis	5,254'	-2,288'

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"	24#	1900'	35/65 Poz C	560	6% Bent, +2% CC + 1/8% polyflake
					Class C	150	2% CC + 1/2# polyflake
Production	7 7/8"	5 1/2"	14#	5353'	50/50 Poz Prem Plus	150	1/4" flocele + .6% Halad 322 + 10% salt + .25% D-Air-3000 + .2% D46 antifoamer
					50/50 Poz Prem	540	2.5 lb flocele + 0.6% Halad 322 + 10% Salt, + .25% D-Air-3000 + 4% Cal-Seal

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				

Shot Per Foot	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
4	5178-80, 5166-70	500 gals N-Ver-Sperse plus 30,000# of 16/30 frac sand in Delta Frac gel in stages from 1-4 ppg	
4	5212-5216	No stimulation	
	Cast Iron Bridge plug		5200'
TUBING RECORD			
Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2 7/8"	5134'		
Date of First, Resumed Production, SWD or Enhr. 5-9-01		Producing Method <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
	28	Trace	10
		Gas-Oil Ratio	
		Gravity	

Disposition of Gas

METHOD OF COMPLETION

Production Interval

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

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled 5178-5216'
☐ Other (Specify) _____