

ORIGINAL

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

MAY 06 2004

From  
ConfidentialOperator: License # 5293Name: Helmerich & Payne, Inc.Address 1579 E. 21st StreetCity/State/Zip Tulsa, OK 74114Purchaser: NCRAOperator Contact Person: Sharon LaValleyPhone ( 918 ) 742-5531Contractor: Name: Cheyenne DrillingLicense: 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:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PBDT☒ Commingled ☐ Docket No. C08005☐ Dual Completion ☐ Docket No. \_\_\_\_\_☐ Other (SWD or Inj?) ☐ Docket No. \_\_\_\_\_03-06-00 03-17-00 04-11-00

Spud Date or Date Reached TD Completion Date or

Recompletion Date Recompletion Date

API NO. 15- 081-21264County Haskell- S/2 - S/2 - SW/4 Sec. 12 Twp. 27S Rge. 34 X E W330 Feet from S (circle one) Line of Section1320 Feet from E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)Base Name Government B Well # 2Name Pleasant Prairie SE (Wildcat)Producing Formation Chester & MorrowElevation: Ground 2956' KB 2967'Total Depth 5350' PBDT 5308'Amount of Surface Pipe Set and Cemented at 1903 FeetMultiple Stage Cementing Collar Used? ☒ Yes ☐ NoIf yes, show depth set 3141 3185' Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan A17.1  
(Data must be collected from the Reserve #1)

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name Helmerich & Payne, Inc.Lease Name PPU SWD #1 License No. 5293SW Quarter Sec. 29 Twp. 26 S Rng. 34 E/WCounty Finney Docket No. D-7866

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 Sharon LaValleyTitle Eng. Tech Date 6/16/00Subscribed and sworn to before me this 16 day of June, 2000.Notary Public Lori TyeDate Commission Expires 6/13/2004

K.C.C. OFFICE USE ONLY  
F ☐ Letter of Confidentiality Attached  
C ☒ Wireline Log Received  
C ☒ Geologist Report Received

Distribution  
☐ KCC ☐ SWD/Rep ☐ NGPA  
☐ KGS ☐ Plug ☐ Other  
(Specify)



Notary Public Oklahoma  
OFFICIAL SEAL  
LORI TYE  
TULSA COUNTY  
My Comm. Exp. 6/13/04

Form ACO-1 (9-99)

Operator Name Helmerich & Payne, Inc. Lease Name Government B Well # 2  
☐ East County Haskell  
 Sec. 12 Twp. 27S Rge. 34 ☒ 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.

*On geo 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 Datums ☐ Sample

Name	Top	Datum
Heeber Shale	3950'	(-983)
Toronto	3963'	(-996)
Lansing A	4041'	(-1074)
Kansas City A	4435'	(-1468)
Base KS City	4567'	(-1600)
Marmaton	4582'	(-1615)
Pawnee	4676'	(-1709)
Morrow	4998'	(-2031)
St. Louis	5202'	(-2235)

## 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	1903	35/65 Poz C Class C	630 100	2% S1 CaCl +6% D20 +1/4# Floccel 2% S1 CaCl +1/4# Floccel
Production	7 7/8	5 1/2	15.5	5346	50/50 Poz Cl H	230	2% D20 bent, 1% D65 10% NaCl .2% D46 1/4# Celloflake
				<i>Dr' Tool -3185'</i>	35/65 Poz Cl C 50/50 Poz Cl C	250 100	6% bent, 1/4# Celloflake 2% Bent, 10% D44 CaCl, .2% 1/4# Celloflake

## 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	Chester 5137-5139', 5146-5150'	Acid: 500 gal 7 1/2% Hcl Frac: 22,800 gal Delta Frac + 26,000# 20/40 sand	
4	Morrow 5061-5063', 5076-5081'	Acid: 700 gal 7 1/2% Hcl Frac: 18,480 gals Delta Frac + 26,000# 20/40 sand	
TUBING RECORD		Liner Run	
Size	Set At	Packer At	
2 7/8		5148'	
Date of First, Resumed Production, SWD or Inj. 04-11-00		Producing Method	
		<input checked="" 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.
	34	0	34
		Gas-Oil Ratio Gravity	

Disposition of Gas: ☒ Vented ☐ Sold ☐ Used on Lease

METHOD OF COMPLETION ☒ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled 5061-5150

(If vented, submit ACO-18.) ☐ Other (Specify) \_\_\_\_\_

Production Interval