

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

COPY

Operator: License # 5293Name: Helmerich & Payne, Inc.Address: 1579 E. 21st StreetCity/State/Zip: Tulsa, OK 74114

Purchaser: _____

Operator Contact Person: Sharon LaValleyPhone: (918) 742-5531Contractor: Name: Cheyenne DrillingLicense: 5382

Wellsite Geologist: _____

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. _____02/01/01 02/02/01 03/15/01Spud Date or
Recompletion Date Date Reached TD Completion Date or
Recompletion DateAPI No. 15 - 081-21368County: Haskell - NW - NE - SE Sec. 24 Twp. 28 S. R. 32 ☐ East ☒ West2540 feet from (S) N (circle one) Line of Section1250 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE (SE) NW SWLease Name: Wiedner Well #: 1-2Field Name: HugotonProducing Formation: ChaseElevation: Ground: 2926 Kelly Bushing: 2932Total Depth: 2852' Plug Back Total Depth: 2795'Amount of Surface Pipe Set and Cemented at 614 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 2840feet depth to surface w/ 525 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the reserve pit)

Chloride content Est 1000 ppm Fluid volume 1000 bblDewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name: _____ Not Hauled

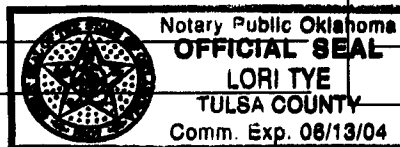
Lease Name: _____ License No.: _____

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 LaValleyTitle: Engineer Tech Date: 5/17/01Subscribed and sworn to before me this 17th day of May20 01Notary Public: Lori TyeDate Commission Expires: 6/13/04

KCC Office Use Only

N Letter of Confidentiality AttachedV If Denied, Yes ☐ Date: _____
Wireline Log ReceivedN Geologist Report Received

UIC Distribution

Operator Name: Helmerich & Payne, Inc. Lease Name: Wiedner Well #: 1-2Sec. 24 Twp. 28 S. R. 32 ☐ 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 ☒ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy)

List All E. Logs Run:

Dual Spaced Neutron

☐ Log Formation (Top), Depth and Datum ☐ Sample
Name Top Datum
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#	614'	Prem Plus Lite C	180	2% CC + 1/4# Flocele
					50/50 Poz Prem Plus C	125	2% CC + 1/4# Flocele
Production	7 7/8"	5 1/2"	15.5#	2840'	Prem Light	400	1/4# flocele
					50/50 Poz	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	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
	Herrington 2730-2738'		21600 gal of 70Q n2 foam count 41000 lbs 16/30 white sand in 1 – 4 ppg		
TUBING RECORD		Size 2 3/8"	Set At 2761	Packer At	Liner Run ☐ Yes ☒ No
Date of First, Resumed Production, SWD or Enhr. 03/15/01			Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls	Gas Mcf	Water Bbls	Gas-Oil Ratio	Gravity
		52	30		

Disposition of Gas

METHOD OF COMPLETION

Production Interval

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

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled 2730-2738'
☐ Other (Specify) _____