

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

Operator: License # 5293

Name: Helmerich & Payne, Inc.

Address: P. O. Box 558

City/State/Zip: Garden City, Kansas 67846

Purchaser: Panhandle Eastern Pipeline

Operator Contact Person: Ken Jehlik or Art Childers

Phone: (316) 276-3693

Contractor: Name: Gabbeet and Jones

License: 5842

Wellsite Geologist: None

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: Anadarko Petroleum

Well Name: Federal Land Bank A-3

Comp. Date was TA'd Old Total Depth 5750

Deepening ☒ Re-perf. ☐ Conv. to Inj/SWD
☒ Plug Back 2724 PBD
☐ Commingled Docket No.
☐ Dual Completion Docket No.
☐ Other (SWD or Inj?) Docket No.

2-95 Date of REENTRY 6-5-95 Completion Date

SIDE ONE

API NO. 15- 175-21450-0001

County Seward

- SW - SW Sec. 15 Twp. 31s Rge. 34 X W

660' Feet from SN (circle one) Line of Section

4620' Feet from EW (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Federal Land Bank Well # 1-2

Field Name Hugoton

Producing Formation Hugoton Chase

Elevation: Ground 2861 KB 2871

Total Depth 5750 PBD 2724

Amount of Surface Pipe Set and Cemented at 1683 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

Drilling Fluid Management Plan REENTRY 8/2 5-16-96
(Data must be collected from the Reserve Pit)

Chloride content 1200 ppm Fluid volume 5000 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

Quarter Sec. 25 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, 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 Ken Jehlik AC

Title DISTRICT MANAGER Date 6-15-95

Subscribed and sworn to before me this 15th day of June, 1995.

Notary Public

Date Commission Expires August 15, 1996

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)

Operator Name Helmerich & Payne, Inc. Lease Name Federal Land Bank Well # 1-2
 Sec. 15 Twp. 31s Rge. 34 ☐ East ☒ West County Seward

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.) ☒ Log Formation (Top), Depth and Datums ☐ Sample
 Samples Sent to Geological Survey ☐ Yes ☒ No Name Top Datum
 Cores Taken ☐ Yes ☒ No Base Stone Corral 1670
 Electric Log Run ☒ Yes ☐ No Upper Krider 2525
 (Submit Copy.) Lower Krider 2554
 Winfield 2608
 Upper Fort Riley 2648

List All E.Logs Run:
 DIL, CNL-LDT, ML, Sonic

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	1683	Premium Plus Lt.-540 Premium Plus	160	2%, CC, 1/4#/ sx flake
Production	7-7/8	5-1/2	15.5	2749	65/35 Poz "C"	325	6% gel 1/4#/ sx flake
					50/50 Poz "C"	150	2% gel, 10% salt, 0.5% Haid 322 1/4#/ sx 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				

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	
2	Upper Krider 2534'-2552'		Acidize w/ 3000 gallons	
2	Lower Krider 2564'-2588'		7-1/2% HCl. Frac w/ 40,000 gallons	
2	Winfield 2608'-2628'		25# linear gel, 6000 gallons x-link	
1 per 2'	Upper Fort Riley 2658'-2662'		gel, 4000# 30/70, 18,500# 20/40, 48000# 10/20.	
TUBING RECORD		Size 2-3/8"	Set At 2575	Packer At
		Liner Run ☐ Yes ☒ No		
Date of First, Resumed Production, SWD or Inj. 6-5-95 State Test		Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)		
Estimated Production	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
		534	0	

Disposal Method of Completion

☐ Vented ☒ Sold ☐ Used on Lease
 (If vented, submit ACO-18.)

☐ Open Hole ☒ Perf.
☐ Other (Specify)

Production Interval
 2534'-2662'