

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

Operator: License # 5293Name: Helmerich & Payne Inc.Address 2606 FlemingCity/State/Zip Garden City, Kansas 67846Purchaser: N/AOperator Contact Person: Ken JehlikPhone (316) - 276-3693Contractor: Name: Chevenne DrillingLicense: Wellsite Geologist: Ron Nelson

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/Reentry: Old Well Info as follows:

Operator: Well Name: Comp. Date Old Total Depth ☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PBTD☐ Commingled ☐ Docket No. ☐ Dual Completion ☐ Docket No. ☐ Other (SWD or Inj?) Docket No. 3-31-974-7-974-7-97

Date

Date Reached TD

Completion Date

Set 5 1/2" csg for Hugoton Fufill-Jones 3-2

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 JehlikTitle District Manager Date 4-8-97Subscribed and sworn to before me this 8 day of April97Notary Public [Signature]Date Commission Expires August 18, 2000API NO. 15- 055-22552-0000County Finney- - NE - SE Sec. 33 Twp. 26S Rge. 34 X W2310 Feet from (S/N) (circle one) Line of Section990 Feet from (E/W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

X NE, (SE), NW or SW (circle one)Lease Name Cassity Well # 1-33Field Name Pleasant PrairieProducing Formation NoneElevation: Ground 2969 KB 2979-2980Total Depth 5300 PBTD Amount of Surface Pipe Set and Cemented at 1898 FeetMultiple Stage Cementing Collar Used? Yes X NoIf yes, show depth set FeetIf Alternate II completion, cement circulated from feet depth to w/ sx cmt.Drilling Fluid Management Plan D&A JH 6-30-97
(Data must be collected from the Reserve Pit)Chloride content 21000 ppm Fluid volume 8500 bblsDewatering method used EvaporationLocation of fluid disposal if hauled offsite: Operator Name Lease Name License No. Quarter Sec. Twp. S Rng. E/WCounty Docket No.

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) IS

Operator Name Helmerich & Payne, Inc. Lease Name Cassity Well # 1-33
☐ East County Finney
 Sec. 33 Twp. 26S 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.

Drill Stem Tests Taken (Attach Additional Sheets.)	☐ Yes ☒ No	☒ Log	Formation (Top), Depth and Datums	☐ Sample
Samples Sent to Geological Survey	☒ Yes ☐ No	Name	Top	Datum
Cores Taken	☐ Yes ☒ No	HEEBNER	3908	-928
Electric Log Run (Submit Copy.)	☒ Yes ☐ No	LANSENG	3950	-970
List All E.Logs Run:		KC A	4382	-1402
Microlog GR		KC B	4436	-1456
Induction		BASE KC	4520	-1540
CNL/CDL		MARMATON	4542	-1562
Sonic		ATOKA	4900	-1920
		MORROW SHALE	4954	-1974
		ST. GENEVIEVE	5036	-2056
		ST. LOUIS	5076	-2096

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	28	1898	Howcolite G Class C	685 150	2%CC, 1/4# flocele 2%CC, 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				

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

TUBING RECORD	Size	Set At	Packer At	Liner Run ☐ Yes ☐ No
Date of First, Resumed Production, SWD or Inj.	Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)			
Estimated Production Per 24 Hours	Oil <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u> Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas: METHOD OF COMPLETION

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

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