

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 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 ☐ SLOW ☐ 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 ☐ PBTD
☐ Commingled ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☐ Other (SWD or Inj?) ☐ Docket No. _____

9/9/00 9/20/00 12/26/00
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API NO. 15- 081-21349

County Haskell

SE SE SE Sec. 33 Twp. 28S Rge. 34 X W

330 Feet from S/N (circle one) Line of Section

330 Feet from E/W (circle one) Line of Section

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

Lease Name Eubank D Well # 5

Field Name Eubank

Producing Formation Chester

Elevation: Ground 3005' KB 3016'

Total Depth 5500' PBTD 5258'

Amount of Surface Pipe Set and Cemented at 1841 Feet

Multiple Stage Cementing Collar Used? X Yes ☐ No

If yes, show depth set 3342 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/sx cmt.

Drilling Fluid Management Plan API 1101 B.5.03
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. 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 Sharon LaValley

Title Eng. Tech Date 1/19/01

Subscribed and sworn to before me this 19th day of January, 2001.

Notary Public Dana Jayne Hardist

Date Commission Expires August 17, 2002

K.C.C. OFFICE USE ONLY 1-23-01/DPW
F Deny Letter of Confidentiality Attached
C X Wireline Log Received
C X Geologist Report Received

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

Operator Name Helmerich & Payne, Inc. Lease Name Eubank D Well # 5☐ EastCounty HaskellSec. 33 Twp. 28S 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 ☒ 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:
DIL/GR/SP, LD/CN/GR/SP/Cal, Microlog & Sonic Log

☐ Log	Formation (Top), Depth and Datums	☐ Sample
Name	Top	Datum
Heeber Shale	3980'	-964'
Lansing	4037'	-1021'
Kansas City "A"	4500'	-1484'
Base Kansas City	4580'	-1564'
Marmaton	4587'	-1571'
Atoka	4953'	-1937'
Morrow Shale	5128'	-2112'
St. Genevieve	5382'	-2366'
St. Louis	5440'	-2424'
TD	5500'	-2484'

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	1841	HLC Class C	600	2% CC 1/4# flake
					Prem	150	2% CC 1/4# flake
Production	7 7/8	5 1/2	14	5501	50/50 Poz H	350	2% gel + 10% slit, 1/4# flocele, .6% Halad, .25% D-Air-3000
				3342 DV	50/50 Poz C	590	10% Slit, 4% Calseal, .5% Halad 12, 1/4# flocele, .25% D-Air

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
4	Chester 5374-5376		1200 gal 4% KCL & 250 gal 7 1/2% HCL	5374-5376
4	Morrow 5190-5194, 5204-5209, 5240-42, 5222-46		1000 gal 2% KCL & 1500 gal 7 1/2% HCL, Frac 36,000 gal 25# Delta Gel + 58,000# 20/40 Sd	5190-5246
4	Atoka 4957-4963 & 4979-4981		1200 gal 2% KCL + 1000 gal 15% HCL	4957-4981
TUBING RECORD		Size Set At	Packer At	Liner Run
		2 7/8	5313	
Date of First, Resumed Production, SWD or Inj.		Producing Method		
11-9-00		☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio Gravity
	30	800	5	26,667 CF/bbl

Disposition of Gas: METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, submit ACO-18.)☐ Open Hole ☐ Perf. ☐ Dually Comp. ☒ Commingled 4957-5376☐ Other (Specify)