

ORIGINAL

Jane

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

API NO. 15- 081-21256

County Haskell

 - SE - NE - SW Sec. 10 Twp. 27S Rge. 34 ^E _W

Operator: License # 5293

1750 Feet from N (circle one) Line of Section

Name: Helmerich & Payne, Inc.

2075 Feet from E (circle one) Line of Section

Address 1579 E. 21st Street

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

City/State/Zip Tulsa, OK 74114

Lease Name Kuhn Well # 6-10

Purchaser:

Field Name Pleasant Prairie

Operator Contact Person: Sharon LeMay

Producing Formation Chester

Phone (918) 742-5531

Elevation: Ground 2961' KB 2971'

Contractor: Name: Cheyenne Drilling

Total Depth 5310' PBD

License: 5382

Amount of Surface Pipe Set and Cemented at 1876 Feet

Wellsite Geologist: Brad Rine

Multiple Stage Cementing Collar Used? X Yes No

Designate Type of Completion
X New Well Re-Entry Workover

If yes, show depth set 3199' Feet

X Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

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

If Workover:

Drilling Fluid Management Plan ALT 1 JH 6-30-00
(Data must be collected from the Reserve Pit)

Operator:

Chloride content ppm Fluid volume bbls

Well Name:

Dewatering method used KCC

Comp. Date Old Total Depth

Location of fluid disposal if hauled offsite: MAR 02 2000

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

Operator Name **CONFIDENTIAL**

Lease Name License No.

10-21-99 10-28-99 12-5-99
Spud Date Date Reached TD Completion Date

 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 3-2-00
Subscribed and sworn to before me this 2nd day of March, 2000.
Notary Public Jessie Payne Harold
Date Commission Expires August 17, 2002

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)

Release
MAY 05 2004
From
Confidential

Operator Name Helmerich & Payne, Inc. Lease Name Kuhn Well # 6-10

Sec. 10 Twp. 27S Rge. 34 East West County Haskell

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 No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)
 List All E.Logs Run: DIL/DIN/GR/S/ML/SL/CBL

Log Name	Formation (Top), Depth and Datums	Sample Datum
Heeber	3892'	
Toronto	3904'	
Lansing	3932'	
Kansas City	4382'	
Marmaton	4551'	
Cherokee	4692'	
Atoka	4898'	
Morrow	4960'	
Chester Shale	5032'	
Chester Sand	5091'	
St. Louis	5177'	
TD	5311'	

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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#	1876'	35/65 Poz C Class C	685 150	2% ST CaCl & 1/4#/SX, D1 Flocel 2% D1 - 1/4 D1
Production	7 7/8	5 1/2	17#	5300'	(Btm) 50/50 Poz Cl H	150	2% bent, 1% D65
					(Top) 35/65 Poz Lead Class C	350	6% bent, 1/4# celloflake
					50/50 Poz Cl C	75	2% bent, 10% NaCl, .25% D46 & 1/4# Celloflake

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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 <input checked="" type="checkbox"/> Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record		
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used) Depth		
4	5091-5109' (18') 72 holes		Frac with 33,430 gel x-link gel w/96,000# 16/30 sd.		
2	5118-5130' (12') 24 holes				
TUBING RECORD			Liner Run		
Size	Set At	Packer At	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
	2 7/8	5035'	NA		
Date of First, Resumed Production, SWD or Inj.			Producing Method		
12-5-99			<input checked="" type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input checked="" type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls.	Gas-Oil Ratio	Gravity
	232	124			

Disposition of Gas: Vented Sold Used on Lease
 (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled 5091'-5130'

Production Interval: _____

Other (Specify) _____