

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 Lavelley
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. _____

9/22/00 9/30/00 11/2/00
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API NO. 15- 081-21332

County Haskell
SW NW SE Sec. 3 Twp. 27S Rge. 34 E X W

1625 Feet from S (circle one) Line of Section
2490 Feet from E (circle one) Line of Section

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

Lease Name Federal Well # 2
Field Name Pleasant Prairie

Producing Formation Chester
Elevation: Ground 2965 KB 2976

Total Depth 5350 PBTD 5302
Amount of Surface Pipe Set and Cemented at 1884 Feet

Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 3101 Feet

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

Drilling Fluid Management Plan Part 1 4/1/01 JB
(Data must be collected from the Reserve Pit)

Chloride content EST 2000 ppm Fluid volume _____ bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name **RELEASED**

Lease Name JAN 19 2002 License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County Haskell 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 Lavelley

Title Eng-Tech Date 1-19-02

Subscribed and sworn to before me this 19th day of January, 2002

Notary Public Teresa Jayne Houtchett

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)

SIDE TWO

Operator Name Helmerich & Payne, Inc. Lease Name Federal Well # 2

Sec. 3 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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heeber Shale	3922'	-946'
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lansing	3964'	-988'
List All E.Logs Run: LD/CN/GR/SP/Cal, DIL/GR/SP, Sonic/GR/CAL & Microlog		Kansas City "A"	4412'	-1436'
		Base Kansas City	4560'	-1584'
		Marmaton	4580'	-1604'
		Atoka	4946'	-1970'
		Morrow Shale	5003'	-2027'
		St. Louis	5242'	-2266'
		TD	5131'	-2155'

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	1884	PP "C"	600	2% CC 1/4# flake
					PP	150	2% CC 1/4# flake
Production	7 7/8	5 1/2	14	5350	50/50 Poz H	155	2% gel, 10% slt, 1/4# flake, .6% Halad 322, .25% D-Air-3000
				3101 DV	50/50 Poz Class C	470	4% Calseal, 10% slt, .5% Halad 12, 1/4# flocele, .25% D-Air-3000

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 - 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 5165-5179' (14')		1000 gals N-Ver-Sperse, 36,000 gals 25# Delta Frac gel + 64,800 lbs 16/30 sd	5165-5179
TUBING RECORD			Liner Run	
Size	Set At	Packer At	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
2 7/8	5135			
Date of First, Resumed Production, SWD or Inj.			Producing Method	
10-28-00			<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio
	100	0	0	

Disposition of Gas: **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 5165-5179

(If vented, submit ACO-18.) Other (Specify) _____