FORM MUST BE TYPED

SIDE ONE

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:

License:

Wellsite Geologist:

Designate Type of Completion
____ New Well ____ Re-Entry X Workover

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

If Workover:

Operator: Helmerich & Payne, Inc.

Well Name: Klein 1

Comp. Date 12-20-99 Old Total Depth 2712

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

10/5/51 Spud Date ____ Date Reached TD ____ Completion Date

RECEIVED
STATE CORPORATION COMMISSION
FEB 18 2000
CONSERVATION DIVISION
Wichita, Kansas

API NO. 15- 081-00314

County Haskell

- SE - SE - NE Sec. 2 Twp. 27S Rge. 33 E X W

2540 Feet from S/N (circle one) Line of Section

2540 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 Klein Well # 1

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 2923 KB

Total Depth 2712 PBTD 2712

Amount of Surface Pipe Set and Cemented at ____ Feet

Multiple Stage Cementing Collar Used? ____ Yes ____ No

If yes, show depth set ____ Feet

If Alternate II completion, cement circulated from ____

feet depth to ____ w/ ____ sx cmt.

Drilling Fluid Management Plan
(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. le 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 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 nths). 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 2-16-2000

Subscribed and sworn to before me this 16th day of February, 2000.

Notary Public Susan Jane Harding

Date Commission Expires Aug. 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)

Form ACO-1 (7-91)

SIDE TWO

Operator Name Helmerich & Payne, Inc. Lease Name Klein Well # 1

Sec. 2 Twp. 27S Rge. 33 ☐ 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.) ☐ Yes ☐ No

Samples Sent to Geological Survey ☐ Yes ☐ No

Cores Taken ☐ Yes ☐ No

Electric Log Run (Submit Copy.) ☐ Yes ☐ No

List All E.Logs Run:

☐ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum

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		8 5/8	24	612		300	
Production		5 ½	14	2691		600	

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
8	Krider 2632-2670	Acidized with 200 gals 15% HCL	
	Winfield 2691-2712		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	2684'		▒ Yes ▒X▒ No

Date of First, Resumed Production, SWD or Inj.	Producing Method
01/17/2000	▒X▒ Flowing ▒ Pumping ▒ Gas Lift ▒ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls.	Gas-Oil Ration	Gravity
		134			

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

METHOD OF COMPLETION ▒ Open Hole ▒X▒ Perf. ▒ Dually Comp. ▒ Commingled ▒ Other (Specify) _____

Production Interval 2632-2712