

ORIGINAL

SIDE ONE

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

API NO. 15- 081-20606 -00-00
County Haskell
SE NW Sec. 2 Twp. 27 Rge. 33 East West

Operator: License # 5293

3950 Ft. North from Southeast Corner of Section

Name: Helmerich & Payne, Inc.

3830 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Address P.O. Box 558

Lease Name Klein Well # 1-2

City/State/Zip Garden City, Ks. 67846

Field Name Hugoton

Purchaser: Williams Natural Gas

Producing Formation Chase

Operator Contact Person: Millard Lindsay

Elevation: Ground 2929 KB 2937

Phone (316) 276-3693

Total Depth 2894 PBDT 2877

Contractor: Name: Service Drilling

License: _____

Wellsite Geologist: None

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWO: old well info as follows:

Operator: _____

Well Name: _____

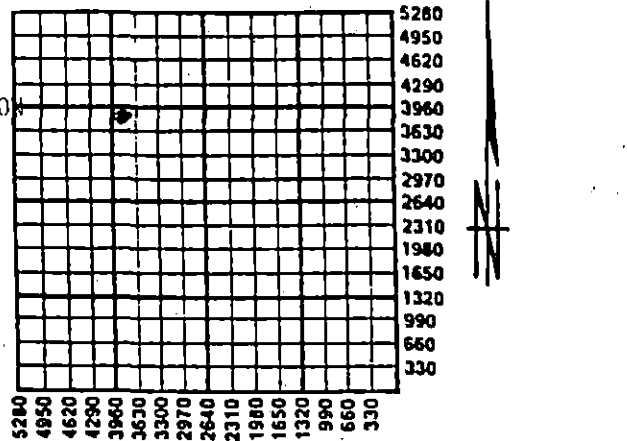
Comp. Date _____ Old Total Depth _____

Drilling Method: _____

Mud Rotary Air Rotary Cable

4-7-90 4-10-90 5-27-91

Spud Date _____ Date Reached TD _____ Completion Date _____
State Test



Amount of Surface Pipe Set and Cemented at 828 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 2877

feet depth to Surface w/ 675 sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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.

Note: Logs and cementing tickets mailed previously with Delayed Completion Report.

Signature Millard Lindsay

Title District Production Manager Date 6-25-91

Subscribed and sworn to before me this 6th day of June, 1991.

Notary Public - State of Kansas
JUDY J. RICHMEIER
My Comm. Expires August 1, 1992

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

ORIGINAL

SIDE TWO

Operator Name Helmerich & Payne, Inc. Lease Name Klein Well # 1-2
 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 Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

Formation Description		
Name	Top	Bottom
Base Stone Corral	1930	
Herrington	2640	
Krider	2660	
Winfield	2695	
U. Ft. Riley	2749	
L. Ft. Riley	2806	
LTD	2898	
DTD	2894	

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	828	Litewate (C) Class C	2302% CC	1/2# flocele
Production	7 7/8	4 1/2	10.5	2877	Litewate (C) 50/50 poz (C)	5006% gel, 17510% salt	1/2# flocele

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)
2	Herrington 2642 - 2658	2500 gals 7 1/2% HCl
2	Krider 2662 - 2680	4200 gal 40# foamed to 70 quality 5000# 100 mesh sd
2	Winfield 2698 - 2701	107000# 12-20 sand
2	Winfield 2709 - 2718	40 BPM @ 1380#

TUBING RECORD Size 2 3/8 Set At 2754 Packer At None Liner Run Yes No

Date of First Production 3-20-91 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil <u>0</u> Bbls.	Gas <u>310</u> Mcf	Water <u>42</u> Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled Other (Specify) _____

Production Interval 2642-2718