

3658

COPY 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

County Haskell

SE NW Sec. 2 Twp. 27 Rge. 33 East West

3950 Ft. North from Southeast Corner of Section

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

Lease Name Klein Well # 1-2

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 2929 KB 2937

Total Depth 2894 PBTD 2877

Operator: License # 5293

Name: Helmerich & Payne, Inc.

Address P.O. Box 558

City/State/Zip Garden City, Ks. 67846

Purchaser: Williams Natural Gas

Operator Contact Person: Millard Lindsay

Phone (316) 276-3693

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 OWM: old well info as follows:
Operator: _____

Well Name: _____

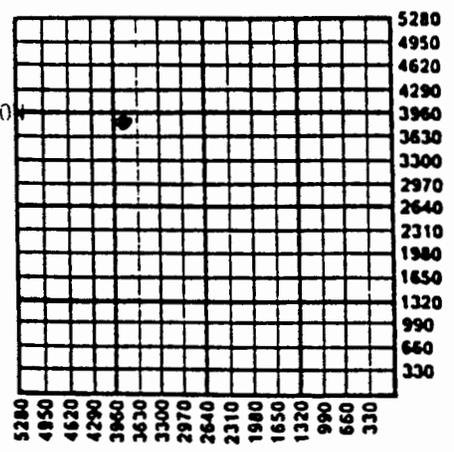
Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

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

Spud Date 4-7-90 Date Reached TD 4-10-90 Completion Date 5-27-91
State Test

RECEIVED
STATE CORPORATION COMMISSION
JUN 26 1991



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, 19 91.

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 KGS SWD/Rep Plug NGPA Other (Specify)

SIDE TWO

Operator Name Helmerich & Payne, Inc Lease Name Klein Well # 1-2
 Sec. 2 Twp. 27S Rge. 33 East County Haskell
 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.) Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.)	<p style="text-align: center;">Formation Description</p> <p><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Bottom</th> </tr> </thead> <tbody> <tr><td>Base Stone Corral</td><td>1930</td><td></td></tr> <tr><td>Herrington</td><td>2640</td><td></td></tr> <tr><td>Krider</td><td>2660</td><td></td></tr> <tr><td>Winfield</td><td>2695</td><td></td></tr> <tr><td>U. Ft. Riley</td><td>2749</td><td></td></tr> <tr><td>L. Ft. Riley</td><td>2806</td><td></td></tr> <tr><td>LTD</td><td>2898</td><td></td></tr> <tr><td>DTD</td><td>2894</td><td></td></tr> </tbody> </table>	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	
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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 3/4	8 5/8	24	828	Litewate (C) Class C	2302	100% floccle
Production	7 7/8	4 1/2	10.5	2877	Litewate (C) 50/50 poz (C)	5006	100% salt, 2% gel

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Dept
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 <u>2 3/8</u>	Set At <u>2754</u>	Packer At <u>None</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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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