

copy

13-24-39W

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

Operator: License # 5293
Name: Helmerich & Payne, Inc.
Address P.O. Box 558
Garden City, KS 67846
Purchaser: K.N. Energy
Operator Contact Person: Ken Jehlik
Phone (316) 276-3693
Contractor: Name: Cheyenne Drilling
License: 5382
Wellsite Geologist: None
Designate Type of Completion
 New Well Re-Entry Workover

Oil SVD SICW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSV, Expl., Cathodic, etc)
Hugoton Infill

If Workover/Re-Entry: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SVD
 Plug Back PSTD
 Cemented Decket No. _____
 Dual Completion Jacket No. _____
 Other (SVD or Inj?) Decket No. _____
7-12-93 7-14-93 5-24-94
Spud Date Date Reached TD Completion Date
STATE TEST

API NO. 15- 075-20506
County Hamilton
App. NW NE NW Sec. 13 Twp. 24 Rge. 39W
5130 Feet from S (circle one) Line of Section
3960 Feet from E (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE NW or SW (circle one)
Lease Name Hubbell Well # 1-2
Field Name Hugoton
Producing Formation Chase
Elevation: Ground 3246 KB 3257
Total Depth 2715 PSTD 2669
Amount of Surface Pipe Set and Cemented at 798 7/8'
Multiple Stage Cementing Collar Used? Yes X
If yes, show depth set _____
If Alternate II completion, cement circulated from 2712
feet depth to surface w/ 725 sx
Drilling Fluid Management Plan ALT 1 & H 11-1-94
(Data must be collected from the Reserve Pit)
Chloride content 82000 ppm Fluid volume 3200
Deswatering method used Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name _____
Lease Name _____ License No. _____
Quarter Sec. Twp. Rng. _____
County _____ Decket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colo Derby Building, 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 Ken Jehlik AC
Title District Manager CONSERVATION DIVISION
Date 7-1-94 Wichita, Kansas
Subscribed and sworn to before me this 15th day of July, 1994.
Notary Public Judy Redmeier
Date Commission Expires August 15, 1994

RECEIVED
STATE CORPORATION COMMISSION
JUL 05 1994
K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SVD/Rep NSPA
 KGS Plug Other
(Specify)

Operator Name WFA-10-01

Helmerich & Payne, Inc.

Lease Name Hubbell

Well # 1-2

Sec. 13 Twp. 24S Rge. 39

East
 West

County Hamilton

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 sheets 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:
Comp Neutron-Density & Dual Induction

Log	Formation (Top), Depth and Datum	Sample
<input checked="" type="checkbox"/>	Name: Base Stone Corral Top: 1970 Datum: +1287	
	Herington 2395 +862	
	Krider 2432 +825	
	Winfield 2484 +773	
	U. Ft. Riley 2545 +712	
	L. Ft. Riley 2582 +67	

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 1/2	8-5/8	24#	782	HLW "C" Class C	220 150	2%CC, 1/2#floc 2%CC, 1/2#floc
Production	7-7/8	5 1/2	15.5#	2712	HLW "C" 50/50 Poz C	600 125	1/2# flocele 10% salt 1/2# flocele

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TB				
<input type="checkbox"/> 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)
2	Herington 2403-2409	2500 gal 7 1/2% HCl acid, 55000 gal 25# linear gel, 24000 gal 30# x-link gel, 7500# 100 mesh sand 45000# 20-40 sd & 63000# 10-20 sd.
2	Herington 2413-2418	
2	Krider 2437-2455	
2	Winfield 2486-2507	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8	2454	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method
5-24-94 State Test	<input checked="" type="checkbox"/> Flowing <input 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	Gravity
		176	6		

Disposition of Gas: Vented Sold Used on Lease

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Cemented

Production Interval: 2403-2507

DRILLERS LOG

HELMERICH & PAYNE, INC.
HUBBELL #1-2
SECTION 13-T24S-R39W
HAMILTON COUNTY, KANSAS

COMMENCED: 07-12-93
COMPLETED: 07-15-93

SURFACE CASING: 782' OF 8 5/8"
CMTD W/220 SX LT "C", 2% C.C.,
1/4#/SX FLO-CELE; TAILED IN W/
150 SX "C", 2% C.C., 1/4#/SX FLO-CELE

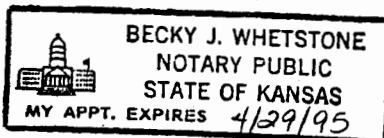
FORMATION	DEPTH
SURFACE HOLE	0- 794
LIME & SHALE	794-1620
SHALE & LIME	1620-1860
SHALE & RED BED	1860-2447
SHALE	2447-2710 RTD

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.
A.J. Jacques
A.J. JACQUES

STATE OF KANSAS :ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 15TH DAY OF JULY, 1993.



Becky J. Whetstone
BECKY J. WHETSTONE, NOTARY PUBLIC