

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

API NO. 15- 093-21643-00-00

County Kearny

NW - NW - SW - SE Sec. 4 Twp. 25S Rge. 35 X W

1250 Feet from SW (circle one) Line of Section

2616 Feet from EW (circle one) Line of Section

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

Lease Name Shields Well # 1-2

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 2989 KB 2995

Total Depth 2755 PBDT 2704

Amount of Surface Pipe Set and Cemented at 536 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 2750

feet depth to 0 w/ 525 sx cmt.

Drilling Fluid Management Plan ALT II WITHM 8-10-06
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume 880 bbls

Dewatering method used _____ Evaporation _____

Location of fluid disposal if hauled offsite:

Operator Name Helmerich & Payne, Inc.

Lease Name Waechter A-1A License No. 5293

Quarter _____ Sec. 3 Twp. 26 S Rng. 37 E/W

County Kearny Docket No. _____

Operator: License # 5293

Name: Helmerich & Payne, Inc.

Address 1579 E. 21st Street

City/State/Zip Tulsa, OK 74114

Purchaser: _____

Operator Contact Person: David Cook/Mike LaMascus

Phone (918) 742-5531

Contractor: Name: Cheyenne Drilling

License: 5382

Wellsite Geologist: _____

Designate Type of Completion.

X New Well _____ Re-Entry _____ Workover _____

Oil _____ SWD _____ SLOW _____ Temp. Abd.

X 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 _____ PBDT _____

Commingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

Other (SWD or Inj?) _____ Docket No. _____

05/12/99 05/15/99 8-21-99

Spud Date _____ Date Reached TD _____ Completion Date _____

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 David L Cook

Title N. Region Prod Supt Date 8/25/99

Subscribed and sworn to before me this _____ day of _____, 19 _____.

Notary Public _____

Date Commission Expires _____

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)

RECEIVED
STATE CORPORATION COMMISSION

Form ACO-1 (7-91)

SEP 1 5 1999
943-1999

CONFIDENTIAL

Operator Name Helmerich & Payne, Inc. Lease Name Shields Well # 1-2

Sec. 4 Twp. 25S Rge. 35 East West County Kearny

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.)
 List All E.Logs Run:
 GR/Neutron/CCL

Log Sample
 Formation (Top), Depth and Datums
 Name Top Datum
 Herrington 2430
 Krider 2450
 Winfield 2492
 U.Ft. Riley 2540

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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	536	35/65 Poz C Class C	150 100	6% D20 +2% S1 2% S1
Production		5 1/2	14	2750	35/65 Poz C	400	6% D20 Bentonite + 1/4# SK D29 Flake
					50/50 Poz C	125	2% D20 Bentonite 10% D-44 Salt 1/4# SK D-29 Flake

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			

Shots per foot	PERFORATION RECORD <input checked="" type="checkbox"/> Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
4 jspf	Herrington 2430-2442	58000# 10/30 Sd + 30000 gals 25# linear gel 70Q N2 Foam.
4 jspf	Krider 2450-2468	
4 jspf	Winfield 2492-2504	69000# 10/30 Sd + 33000 gals 25# linear gel 70Q N2 foam
1 jspf	U. Ft. Riley 2540-2552	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8	2580		<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.			Producing Method		
9-2-99			<input checked="" type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input checked="" type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls.	Gas-Oil Ratio	Gravity
		179			

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled
 Production Interval: 2430-2552
 Other (Specify) _____