

FORM MUST BE TYPED

COPY

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 and Payne, Inc.

Address: P. O. Box 558

City/State/Zip: Garden City, Kansas 67846

Purchaser: Colorado Interstate Gas

Operator Contact Person: Ken Jehlik or Art Childers

Phone: (316) 276-3693

Contractor: Name: Murfin Drilling

License: _____

Wellsite Geologist: Wes Hansen

Designate Type of Completion
New Well _____ Re-Entry ☒ Workover _____

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

If Workover:

Operator: Helmerich and Payne, Inc.

Well Name: Waechter "B" #1

Comp. Date 2-28-95 Old Total Depth 5450

Deepening ☒ Re-perf. _____ Conv. to Inj/SWD _____
☒ Plug Back 2,640' PBTB _____
_____ Commingled _____ Docket No. _____
_____ Dual Completion _____ Docket No. _____
_____ Other (SWD or Inj?) _____ Docket No. _____

3-1-95 Date OF START Date Reached TD 4-21-95
OF WORKOVER STATE TEST

SIDE ONE **Exception location Docket**
#191-906-C
C-27, 375

API NO. 15-093-21423-0001

County Kearny
NW SE NE Sec. 3 Twp. 26s Rge. 37 E

1430 Feet from S (circle one) Line of Section

910 Feet from E (circle one) Line of Section

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

Lease Name Waechter Well # 1-2

Field Name Hugoton

Producing Formation Hugoton Chase

Elevation: Ground 3,048' KB 3,057'

Total Depth 5450' PBTB 2,640'

Amount of Surface Pipe Set and Cemented at 1,724'

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 REWORK 274 11-8-95
(Data must be collected from the Reserve Pit)

Chloride content 2000 ppm Fluid volume 4000 bbls

Dewatering method used _____ evaporation _____

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. 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 Dist Mgr Date 5-2-95

Subscribed and sworn to before me this 2nd day of May 19 95

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) <u>IS</u>

SIDE TWO

Operator Name Helmerich & Payne, Inc. Lease Name Waechter Well # 1-2
☐ East County Kearny
 Sec. 3 Twp. 26s Rge. 37 ☒ 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 ☐ Yes ☒ No
 (Attach Additional Sheets.)

Samples Sent to Geological Survey ☒ Yes ☐ No

Cores Taken ☐ Yes ☒ No

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

Previously submitted with Waechter "B" #1

List All E.Logs Run:

GR - CNL - CPDL

Microlog

GR - DIL - SFL

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

Name	Top	Datum
Herington	2370	+687
Krider	2387	+670
Winfield	2428	+629
U. Ft. Riley	2481	+576
L. Ft. Riley	2532	+525

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	1724	Lite Common	600	3% CC 1/4#/ sx flake
						150	3% CC 1/4# sx flake
Production	7-7/8	5-1/2	15.5	2690	65/35 Poz "C"	375	6% gel 1/4#/sx flocele
					50/50 Poz "H"	150	2% gel, 10% salt, 0.75% D-60 1/4#/sx flocele

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing	2760 3000	Class "H"	75	None
☒ 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
2	2371'-2385' Herington	Acidize with 4000 gallons 7-1/2% HCl
2	2389'-2404' Krider	
2	2429'-2450' Winfield	Frac w/ 58,500 gallons 25# linear gel.
1	2470'-2475' Winfield	
1	2482'-2486' U. Fort Riley	53500 gallons/25# x-link gel, 12000#
1 per 3 feet	2492'-2516' U. Fort Riley	
1 per 3 feet	2535'-2541' L. Fort Riley	30/70, 50500 #20/40, 219000## 10/20 sand

TUBING RECORD	Size None	Set At	Packer At	Liner Run ☐ Yes ☒ No
Date of First, Resumed Production, SWD or Inj. April 21, 1995 State Test	Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	-	619	0	

Disposition of Gas: METHOD OF COMPLETION

☐ Vented ☒ Sold ☐ Used on Lease ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☒ Commingled 2,371' -2,541' overall
 (If vented, submit ACO-18.) ☐ Other (Specify) _____