

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

Operator: License # 5293Name: Helmerich & Payne, Inc.Address 1579 E. 21st StreetCity/State/Zip Tulsa, OK 74114

Purchaser: _____

Operator Contact Person: Sharon LaValleyPhone (918) 742-5531

Contractor: Name: _____

License: _____

Wellsite Geologist: _____

Designate Type of Completion

 New Well Re-Entry X Workover X Oil SWD SLOW X Temp. Abd. Gas ENHR SIGW Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: Helmerich & Payne, Inc.Well Name: Waechter A-1TA Date 10-05-99 Old Total Depth 2822' X Deepening Re-perf. Conv. to Inj/SWD Plug Back 2660' CIBP PBTD Commingled Docket No. _____ Dual Completion Docket No. _____ Other (SWD or Inj?) Docket No. _____Spud Date 6-3-75 Date Reached TD 2-17-76 Completion Date TA 10-5-99API NO. 15- 093-20195-0001County Kearny - NE - NE - SW Sec. 3 Twp. 26S Rge. 37 X E2310 Feet from SW (circle one) Line of Section2310 Feet from SW (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Waechter Well # A-1Field Name PanomaProducing Formation Council GroveElevation: Ground 3057' KB 3065'Total Depth 2822' PBTD 2810'Amount of Surface Pipe Set and Cemented at 798 FeetMultiple Stage Cementing Collar Used? Yes X NoIf yes, show depth set FeetIf Alternate II completion, cement circulated from feet depth to w/ sx cmt.Drilling Fluid Management Plan OWUC, 2-14-00 v.c.
(Data must be collected from the Reserve Pit)Chloride content ppm Fluid volume bblsDewatering method used Location of fluid disposal if hauled offsite: Operator Name Lease Name License No. Quarter Sec. Twp. S Rng. E/WCounty 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 Sharon LaValleyTitle Eng. Tech Date 1-14-2000Subscribed and sworn to before me this 14th day of Jan2000Notary Public Debra Jane HardestyDate Commission Expires Aug. 17, 2002

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>IOG</u>		

Operator Name Helmerich & Payne, Inc. Lease Name Waechter Well # A-1

☐ East
 Sec. 3 Twp. 26S Rge. 37 ☒ 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:

☐ Log Formation (Top), Depth and Datums ☐ Sample
 Name Top Datum

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	28#	790'	Halliburton Lt Wt Class H	250 150	2% CaCl 3% CaCl
Production	7 7/8	4 1/2	10.5#	2822'		850	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ 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
	Council Grove A 2665-69, 2674-86, 2691-95 Council Grove B 2712-21, C 2735-43, D 2761-66, E 2779-83		
	CIBP @ 2660'		
TUBING RECORD		Liner Run	
Size	Set At	Packer At	Yes No
NA			
Date of First, Resumed Production, SWD or Inj. NA		Producing Method	
		☒ Flowing ☒ Pumping ☒ Gas Lift ☒ Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Gravity
NA			

Disposition of Gas: ☒ Vented ☒ Sold ☒ Used on Lease
 (If vented, submit ACO-18.)

METHOD OF COMPLETION ☒ Open Hole ☒ Perf. ☒ Dually Comp. ☒ Commingled 2665-2783
 Other (Specify) _____

Production Interval