

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) 742-5531Contractor: Name: Cheyenne DrillingLicense: 5382

Wellsite Geologist: _____

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: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PBTD☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) ☐ Docket No. _____07-12-99 07-15-99 10-10-99

Spud Date _____ Date Reached TD _____ Completion Date _____

API NO. 15- 093-21644County KearnyNE NW SE Sec. 3 Twp. 26S Rge. 37 E W2365 Feet from S N (circle one) Line of Section1710 Feet from E W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE NW or SW (circle one)Lease Name Waechter A Well # 1AField Name PanomaProducing Formation Council GroveElevation: Ground 3049' KB 3054'Total Depth 2888' PBTD 2830'Amount of Surface Pipe Set and Cemented at 669 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 2888'feet depth to surface _____ w/ 525 sx cmt.Drilling Fluid Management Plan AH-1, 1-19-00 ur
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

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 Sharon LaValleyTitle Eng. Tech Date 11/9/99Subscribed and sworn to before me this 9th day of November, 19 99.Notary Public Teresa Payne HancockDate Commission Expires Aug. 17, 2002

K.C.C. OFFICE USE ONLY
F No Letter of Confidentiality Attached
C ✓ Wireline Log Received
C _____ Geologist Report Received

Distribution
☒ KCC ☐ SWD/Rep ☐ NGPA
☒ KGS ☐ Plug ☐ Other (Specify) IS

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

☐ 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 sheets if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E.Logs Run:				
N/D/GR , CBL				

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#	669'	Class C 35/65 Class C	100 200	2% SI 2% CC 1/4# FC
Production	7 7/8	5 1/2	14#	2883	35/65 Poz C 50/50 Poz C	400 125	6% D20 bent & 1/4# sk of D29 Cello. 6% D20 bent & 10% D44 slk & 1/4# sk D29 Cello.

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 Top Bottom		Type of Cement	#Sacks Used	Type and Percent Additives

Shots per foot	PERFORATION RECORD		Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)	
4	2654-2658' 16 holes		22000 gal 25# x-link gel 70Q N2 foam pad, 52000 gal x-link gel 70Q N2 foam w/ 260,000# 16/30 sd & 2650 gal 70W N2 foam flush		
4	2662-2676' 56 holes				
4	2680-2684' 16 holes				
TUBING RECORD				Liner Run	
Size		Set At		Packer At	
2 3/8		2544			
				<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Inj. 10-10-99			Producing Method		
			<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
	0		78		0.5
				Gas-Oil Ratio	
				Gravity	

Disposition of Gas: METHOD OF COMPLETION

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

Production Interval

☒ Open Hole ☒ Perf. ☒ Dually Comp. ☒ Commingled 2654-2684'
 Other (Specify) _____