

FORM MUST BE TYPED

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

SIDE ONE

API NO. 15- <sup>21550</sup> ~~175-21550~~

**COPY**

County Seward  
NE - SW - SW Sec. 16 Twp 31s Rge. 34 X E/W

Operator: License # 5293

Name: Helmerich & Payne, Inc.

Address: P. O. Box 558

City/State/Zip: Garden City, Kansas 67846

Purchaser: Panhandle Eastern Pipeline

Operator Contact Person: Ken Jehlik

Phone: (316) 276-3693

Contractor: Name: Norseman

License: 3779

Wellsite Geologist: None

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  SLOW  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  PBSD

Commingled  Docket No. \_\_\_\_\_

Dual Completion  Docket No. \_\_\_\_\_

Other (SWD or Inj?)  Docket No. \_\_\_\_\_

06-15-96 06-18-96 7-29-96  
Spud Date Date Reached TD Completion Date  
State Test

1250' Feet from SN (circle one) Line of Section  
4030' Feet from EW (circle one) Line of Section

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

Lease Name Baughman Well # 1-2

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 2773 KB 2784

Total Depth 2773 PBSD 2743

Amount of Surface Pipe Set and Cemented at 594 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 2762  
feet depth to Surface w/ 500 sx cmt.

Drilling Fluid Management Plan ALT 2 JH 3-25-97  
(Data must be collected from the Reserve Pit)

Chloride content 4500 ppm Fluid volume 700 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

Title District Manager Date 8-2-96

Subscribed and sworn to before me this 2nd day of August,  
1996.

Notary Public Judith Richman

Date Commission Expires August 16, 1996

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
	<input type="checkbox"/>	SWD/Rep
	<input type="checkbox"/>	Plug
	<input type="checkbox"/>	NGPA
	<input type="checkbox"/>	Other (Specify) <u>FS</u>

AUG 05 1996

Form ACO-1 (7-91)

Operator Name Helmerich & Payne, Inc. SIDE # 100  
 Lease Name Baughman Well # 1-2  
 Sec. 16 Twp. 31s Rge. 34  East County Seward  
 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 (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	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

CASING RECORD							
Report all strings set-conductor, surface, intermediate, production, etc.				New	Used		
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	594	65/35 Poz C	170	2XCC, 1/4# flake
Production	7-7/8	5-1/2	15.5	2762	Class C	255	
					65/35 Poz C	375	1/4# flake
					50/50 Poz C	125	1/4# flake, 10% salt

ADDITIONAL CEMENTING/SQUEEZE RECORD (To re-cement Hugoton-Council Grove)				
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 TD				
<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)	Depth
2	Herington 2454-2474	3000 gallon 7-1/2% HCl acid	
2	Krider 2482-2506	40000 gallon 25# linear gel	
2	Winfield 2522-2546	6000 gal 25# x-link gel, 4000# 30-70sd, 18500# 20-40 sd., 48000# 12-20sd	

<b>TUBING RECORD</b>	Size 2-1/16	Set At 2569	Packer At None	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. 7-23-96 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production	Oil Bbls.	Gas 263 Mcf	Water 0 Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas: **METHOD OF COMPLETION** Production Interval  
 Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
 (If vented, submit ACO-18.)  Other (Specify) \_\_\_\_\_ 2454-2546