

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- 175-21524-0000

County Seward

Approx. SE - NW - NW Sec. 2 Twp 31s Rge. 34 X W

4030' Feet from S/N (circle one) Line of Section

4030' Feet from E/W (circle one) Line of Section

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

Lease Name Royce Well # 1-2

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 2955 KB 2961

Total Depth 2820 PBD 2798'

Amount of Surface Pipe Set and Cemented at 580 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set Feet

If Alternate II completion, cement circulated from 2813

feet depth to surface w/ 500 sx cmt.

Drilling Fluid Management Plan alt I 6-6-96
(Data must be collected from the Reserve Pit)

Chloride content 26000 ppm Fluid volume 2000 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.

Operator: License # 5293

Name: Helmerich & Payne, Inc.

Address: P. O. Box 558

City/State/Zip: Garden City, Kansas 67846

Purchaser: Panhandle Eastern

Operator Contact Person: Ken Jehlik or Art Childers

Phone: (316) 276-3693

Contractor: Name: Cheyenne Drilling

License: 5382

Wellsite Geologist: None

Designate Type of Completion

X New Well Re-Entry Workover

Oil SWD SIOW 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 PBD

Commingled Socket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

02-21-96

02-22-96

4-9-96

Spud Date

Date Reached TD

Completion Date
State Test

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

Title Dist Mgr Date 4-15-96

Subscribed and sworn to before me this 15 day of April 19 96.

Notary Public

Date Commission Expires

August 15, 1998

K.C.C. OFFICE USE ONLY	
F	Letter of Confidentiality Attached
C	Wireline Log Received
C	Geologist Report Received
Distribution	
KCC	SWD/Rep
KGS	Plug
	NGPA
	Other (Specify)

Form ACO-1 (7-91)

Operator Name Helmerich & Payne, Inc.

SIDE TWO

Lease Name Royce Well # 1-2Sec. 2 Twp. 31s Rge. 34☐ EastCounty 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.)☐ Yes ☒ No

Samples Sent to Geological Survey

☐ Yes ☒ No

Cores Taken

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

List All E.Logs Run:

☐ Log

Formation (Top), Depth and Datums

☐ Sample

Name

Top

Datum

Cased Hole GRN

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	580	65/35 C Class "C"	175 100	2% CC, 1/4# sx flake 2% CC, 1/4# sx flake
Production	7-7/8	5-1/2	15.5	2816	65/35 C	275.307	1/4# flake
					50/50 C	125.193	1/4# flake, 10% salt

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
2	2604-2630 Herington	3000 gal 7-1/2% HCl, 48800 gal 25#	
2	2640-2659 Krider	linear gel, 7500 gal 25# x-link gel,	
1	2660-2702 Winfield	6000# 30-70 sd, 24000# 20-40 sd, and	
1 per 3'	2731-2740 U. Ft. Riley	68000# 12-20 sd.	

TUBING RECORD		Size None	Set At	Packer At	Liner Run	☐ Yes ☒ No		
Date of First, Resumed Production, SWD or Inj. State Test - 4-2-96		Producing Method				☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)		
Estimated Production	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	-		224		0			

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Solid ☒ Used on Lease
(If vented, submit ACO-18.)☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____

2604-2740