

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

Form ACO-1
September 1999
Form Must Be Typed

RECEIVED
KCC WICHITA
COPY

Operator: License # 5293
Name: Helmerich & Payne, Inc.
Address: 1579 E. 21st Street
City/State/Zip: Tulsa, OK 74114
Purchaser: _____
Operator Contact Person: Sharon LaValley
Phone: (918) 742-5531
Contractor: Name: Cheyenne Drilling
License: 5382
Wellsite Geologist: _____
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/Re-entry: Old Well Info as follows:

Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
☐ Deepening ☐ Re-perf. ☐ Conv. To Enhr./SWD
☐ Plug Back ☐ Plug Back Total Depth
☐ Commingled ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☐ Other (SWD or Enhr.?) ☐ Docket No. _____

6/10/02 6/12/02 7/18/02
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 175-21874
County: Seward
SE - NW - NW Sec. 33 Twp. 31 S. R. 32 ☐ East ☒ West
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:
(circle one) NE SE NW SW
Lease Name: C.S. High Well #: 1-2
Field Name: Hugoton
Producing Formation: Chase
Elevation: Ground: 2855' Kelly Bushing: 2861'
Total Depth: 2835' Plug Back Total Depth: 2790'
Amount of Surface Pipe Set and Cemented at 547 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 2782'
feet depth to surface w/ 525 sx cmt.

Drilling Fluid Management Plan ALT 2 8/9 9/18/02
(Data must be collected from the reserve pit)

Chloride content Est 2000 ppm Fluid volume Est 800 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite: _____

Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. ☐ East ☐ West
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 of 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 completed and correct to the best of my knowledge.

Signature: Sharon LaValley
Title: Engineer Tech Date: 8/9/02
Subscribed and sworn to before me this 9th day of September
2002.

Notary Public: Amy Warren
Date Commission Expires: _____



KCC Office Use Only

Letter of Confidentiality Attached
☒ If Denied, Yes ☐ Date: _____
Wireline Log Received
Geologist Report Received
UIC Distribution

Operator Name: Helmerich & Payne, Inc. Lease Name: C.S. High Well #: 1-2
 Sec. 33 Twp. 31 S. R. 32 ☐ East ☒ West County: Seward

Instructions: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☐ Yes ☒ No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey ☒ Yes ☐ No
 Cores Takes ☐ Yes ☒ No
 Electric Log Run ☒ Yes ☐ No
 (Submit Copy)

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

List All E. Logs Run:

Dual Spaced Neutron

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"	23#	547'	Prem Plus Lite C	160	2% CC + 1/2# flocele
					Prem Plus Lite C	125	2% CC + 1/2# flocele
Production	7 7/8"	5 1/2"	14#	2782'	Prem Plus Lite C	400	1/2# flocele Mixed
					50/50 Poz Prem Plus Lt C	125	10% salt, 1/2# flocele

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				

Shot Per Foot	PERFORATIONS RECORD – Bridge Plugs Set/Type Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)		Depth
4	2654-2664 and 2678-2692		34700 gals 70Q N2 Delta foam & 63000 lbs 16/30 white sand.		
TUBING RECORD			Liner Run		
Size	Set At	Packer At	☐ Yes ☒ No		
2 3/8"	2699'				
Date of First, Resumed Production, SWD or Enhr.		Producing Method			
7/18/02		☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls	Gas Mcf	Water Bbls	Gas-Oil Ratio	Gravity
		95	20		

Disposition of Gas ☐ Vented ☒ Sold ☐ Used on Lease (If Vented, Submit ACO-18) METHOD OF COMPLETION ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify) _____ Production Interval 2654'-2664'
2678'-2692'