

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

Operator: License # 5293
Name: Helmerich & Payne, Inc.
Address 2606 Fleming
City/State/Zip Garden City, Kansas 67846

Purchaser: _____
Operator Contact Person: Ken Jehlik

Phone (316) 276-3693

Contractor: Name: Cheyenne Drilling

License: _____

Wellsite Geologist: _____

Designate Type of Completion

_____ New Well X Re-Entry X Workover

X Oil _____ SWD _____ SION _____ Temp. Abd.
_____ Gas _____ ENHR _____ SIGW
_____ Dry _____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Reentry: Old Well Info as follows:

Operator: Helmerich & Payne Inc.

Well Name: Cassity 1-33

Comp. Date 4-7-97 Old Total Depth 5300

XXX RENAMED WELL
_____ Deepening XXX Re-perf. _____ Conv. to Inj/SWD
X Plug Back 2855 PBTD

_____ Commingled _____ Docket No. _____

_____ Dual Completion _____ Docket No. _____

WLE Other (SWD or Inj?) Docket No. 194846-C

4-7-97 (C 28095) 6-17-97

Date of START Date Reached TD Completion Date
OF WORKOVER State Test

API NO. 15- 055-215520001

County Finney

_____ - NE - SE Sec. 33 Twp. 26S Rge. 34 X E

2310 Feet from S/N (circle one) Line of Section

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

Footages Calculated from Nearest Outside Section Corner:

NE, SE NW or SW (circle one)
(FORMERLY CASSITY #1-33)

Lease Name Jones Well # 3-2

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 2969 KB 2979

Total Depth 5300 PBTD 2855

Amount of Surface Pipe Set and Cemented at 1898 Feet

Multiple Stage Cementing Collar Used? _____ Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from .2871

feet depth to Surf w/ 475 sx cmt.

Drilling Fluid Management Plan REWORK 8-24 6-27-97
(Data must be collected from the Reserve Pit)

Chloride content 21000 ppm Fluid volume 8500 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 6-25-97

Subscribed and sworn to before me this 25th day of June 19 97.

Notary Public Judy Backman

Notary Commission Expires 8-15-2000

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 IS
(Specify)

Operator Name Helmerich & Payne Inc. Lease Name Jones Well # 3-2
 Sec. 33 Twp. 26S Rge. 34 ☐ East ☒ West
 County Finney

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:
 GRC

☐ 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 $\frac{1}{4}$	8-5/8	28	1898	White C Class C	685 150	2%CC, 1/4# flake 2%CC, 1/4# flake
					65/35 Poz C	350	1/4# flake
Production	7-7/8	5 $\frac{1}{2}$	17	2871	50/50 Poz C	125	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	3200-2980	Class H	75	Open hole plug.

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	2561-2580 Herington	2500 gal 7-1/2% HCl acid 41000 gal 20# gel, 18000 gal	
2	2584-2602 Krider	75 Q foam, 5000 gal 70 Q foam	
2	2626-2634 Winfield	8500 gal 65Q foam, 6000# 30-70sd,	
1 SP2F	2679-2689 U. Ft. Riley	22500# 16-30sd, 25000# 20-40sd and 96000# 12-20sd	
TUBING RECORD None	Size Set At Packer At	Liner Run ☐ Yes ☒ No	

Date of First, Resumed Production, SMD or inj. 6-11-97	Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity
	461

Disposition of Gas: METHOD OF COMPLETION

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

☐ Open Hole ☒ Perforation ☒ Dual Comp: ☐ Commingled
☐ Other (Specify)

2561-2689