

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

Operator: License # 5952Name: Amoco Production CompanyAddress P.O. Box 800, Rm. 2118City/State/Zip Denver, CO 80201

Purchaser: _____

Operator Contact Person: Julie VictorPhone (303) 830-4009Contractor: Name: Cheyenne DrillingLicense: 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: _____

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. _____6/9/936/12/937/8/93

Spud Date

Date Reached TD

Completion Date

API No. 15 - 129-21164County MortonSW - SW - NE - NW Sec. 36 Twp. 32 Rge. 40 ☒ East ☐ West4030 Feet from S (circle one) Line of Section3690 Feet from E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW, or SW (circle one)Lease Name Drew G.U. A Well # 3HIField Name HugotonProducing Formation ChaseElevation: Ground 3218' KB 3230'Total Depth 2757' PBTD 2710'Amount of Surface Pipe Set and Cemented at 522 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan P-1293
(Data must be collected from the Reserve Pit)Chloride content 5800 ppm Fluid Volume 2140 bblsDewatering method used dried and filled

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, 200 Colorado Derby Building, 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 to the best of my knowledge.

Signature Julie VictorTitle Permitting Representative Date July 27, 1993Subscribed and sworn to before me this 27 day of July, 1993Notary Public Susan CallahanDate Commission Expires August 02, 1994

K.C.C. OFFICE USE ONLY	
F	☒ Letter of confidentiality Attached
C	☒ Wireline Log Received
C	☐ Drillers Timelog Received
Distribution	
☒ KCC	☐ SWD/Rep
☒ KGS	☐ Plug
<u>Aug 2 6 1993</u> (Specify) <u>JS</u>	

SIDE TWO

Operator Name Amoco Production Company Lease Name Drew G.U. A Well # 3HI
 County Morton
 Sec. 36 Twp. 32 Rge. 40 ☐ East ☒ 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 ☐ Yes ☒ No
 (Attach Additional Sheets.)

☒ Log

Formation (Top), Depth and Datums

☐ Sample

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☐ Yes ☒ No

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

List All E. Logs Run:

Name	Top	Datum
Herington	2,331'	
Krider	2,355'	
Winfield	2,399'	
Towanda	2,474'	
Ft. Riley	2,534'	
Council Grove	2,638'	

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#	522'	Class C	320	
Production	7-7/8"	5-1/2"	15.5#	2,757'	Class C	450	

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
4	2332-2336'; 2360-2378'; 2400-2420'; 2476-2512'; 2530-2560'	Frac with 64,500 gal. fluid and 245,080# 12/20 Brady sand	2332-2560'

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
N/A					
Date of First, Resumed Production, SWD or Inj	Producing Method	☒ Flowing	☐ Pumping	☐ Gas Lift	☐ Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled 2332-2560'
 (If vented, submit ACO-18) ☐ Other (Specify) _____

DRILLERS LOG

AMOCO PRODUCTION COMPANY
DREW GU "A" NO. 3 HI
SECTION 36-T32S-R40W
MORTON COUNTY, KANSAS

COMMENCED: 06-09-93
COMPLETED: 06-11-93

SURFACE CASING: 512' OF 8 5/8"
CMTD W/170 SX LT "C", 2% C.C.,
1/4#/SX FLO-CELE; TAILED IN W/
150 SX "C", 2% C.C., 1/4#/SX FLO-CELE.

FORMATION	DEPTH
SURFACE HOLE	0- 522
RED BED & SAND	522- 531
RED BED	531- 778
WATER SAND	778- 840
RED BED	840-2240
SHALE	2240-2600
SHALE & LIME	2600-2757 RTD

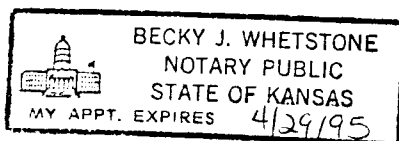
I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT
TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.

A.J. Jacques
A.J. JACQUES

STATE OF KANSAS :ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 15TH DAY OF JUNE, 1993.



Becky J. Whetstone
BECKY J. WHETSTONE, NOTARY PUBLIC