

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

Operator: License # 5952Name: Amoco Production CompanyAddress P.O. Box 3092, Rm 3.329City/State/Zip Houston, TX 77253-3092Purchaser: WILLIAMS NATURAL GASOperator Contact Person: Sue SellersPhone (281) 366-2052Contractor: Name: CheyenneLicense: 5382

Wellsite Geologist: _____

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.
☒ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc.)

If Workover/Reentry: Old Well Info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PBDT☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) ☐ Docket No. _____06/28/01 06/30/01 08/29/01

Spud Date Date Reached TD Completion Date

API NO. 15- 093-21673-0000County Kearny - NW - SE - SE Sec. 3 Twp. 23S Rge. 37 X E W1250 S Feet from SN (circle one) Line of Section1250 E Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE NW or SW (circle one)Lease Name Powers Gas Unit Well # 3HTProducing Formation ChaseElevation: Ground 3257' KB 3262'Total Depth 2825' PBDT 2818'Amount of Surface Pipe Set and Cemented at 867' FeetMultiple Stage Cementing Collar Used? Yes X NoIf yes, show depth set FeetIf Alternate II completion, cement circulated from feet depth to w/ sx cmt.Drilling Fluid Management Plan ALT 1 9/4 11/30/01
(Data must be collected from the Reserve Pit)Chloride content 66,000 ppm Fluid volume 750 bblsDewatering method used Dried and Filled

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

 Quarter Sec. Twp. S Rge. E/WCounty 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 [Signature]Title Staff Assistant Date 10/15/01Subscribed and sworn to before me this 15th day of October, 20 01.Notary Public [Signature]Date Commission Expires 06/15/2002

K.C.C. OFFICE USE ONLY

F ☒ Letter of Confidentiality AttachedC ☒ Wireline Log ReceivedC ☐ Drillers Timelog Received
Distribution☐ KCC☐ KGS☐ SWD/Rep☐ Plug☒ NGPA☒ Other(Specify) TDG

Operator Name Amoco Production Company Lease Name Powers Gas Unit Well # 3HI
 Sec. 3 Twp. 23S Rge. 37W ☐ East ☒ West
 County Kearny

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:

Compensated Spectral Natural Gamma Log

☒ Log Formation (Top), Depth and Datums ☐ Sample

Name Top Datum

Chase 2520' 3262' - KB

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#	867'	Prem+Lite	250	2%cc;1/4#floc
					Prem+	150	2%cc;1/4#floc
Production	7 7/8"	4 1/2"	10.5#	2818'	65/35pw6%ge	650	1/4# 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				

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	2546' - 2556'	Acid-w/500 gals 15% HCL	2546-2556
4	2568' - 2578'	Frac-2/50,000# 16/30 Brady sand	2568-2612
4	2602' - 2612'	& 183 bbls 70Q N2 foam	
4	2710' - 2730'	Acid-w/1000 gals 15% HCL	2710-2730
TUBING RECORD		Liner Run ☐ Yes ☒ No	
Size	Set At	Packer At	
2 3/8"	2745	N/A	
Date of First, Resumed Production, SWD or Inj.		Producing Method	
08/29/01		☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity
	0	102	0

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease ☐ Open Hole ☒ Perforation ☐ Dually Comp. ☐ Commingled

(If vented, submit ACO-18.)

☐ Other (Specify) _____

DRILLER'S LOG

AMOCO PRODUCTION
POWERS GU 3 HI
SECTION 3-T23S-R37W
KEARNY COUNTY, KANSAS

COMMENCED: 06-28-01
COMPLETED: 06-30-01

SURFACE CASING: 867' OF 8 5/8" CMTD
W/250 SKS 65:35 POZ C + 2% CC + 6% GEL +
1/4#/SK FLOCELE. TAILED W/150 SKS
CLASS C + 2% CC + 1/4#/SK FLOCELE.

FORMATION

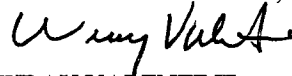
DEPTH

SURFACE HOLE
RED BED
LIMESTONE & SHALE

0 - 867
867 - 2430
2430 - 2825 RTD

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

CHEYENNE DRILLING, INC.



WRAY VALENTINE

STATE OF KANSAS: ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 2ND DAY OF JULY, 2001.

JOLENE K. RUSSELL


NOTARY PUBLIC