

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

Operator: License # 5952

Name: Amoco Production Company

Address P.O. Box 3092

City/State/Zip Houston, TX 77253-3092

Purchaser: WILLIAMS FIELD SERVICES

Operator Contact Person: Sue Sellers

Phone ( 281 ) 366-2052

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.)

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. \_\_\_\_\_

04/03/01 04/05/01 07/09/01

Spud Date Date Reached TD Completion Date

API NO. 15- 055-21724-0000

County Firney

SE - SE - NW - SE Sec. 13 Twp. 23 S Rge. 33  W  E

1460 Feet from S (circle one) Line of Section

1364 Feet from E (circle one) Line of Section

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

Lease Name Hawk Gas Unit Well # 2 HI

Producing Formation Chase

Elevation: Ground 2880.0 KB 2885.0

Total Depth 2927 PBDT 2923

Amount of Surface Pipe Set and Cemented at 1088 Feet

Multiple Stage Cementing Collar Used? \_\_\_\_\_ Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from N/A

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan ALT 1 JZ 9/10/02  
(Data must be collected from the Reserve Pit)

Chloride content 32,000 ppm Fluid volume 800 bbls

Dewatering method used Dried and Filled

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

\_\_\_\_\_ Quarter Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rge. \_\_\_\_\_ EW

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 [Signature]

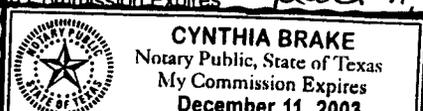
Title Staff Assistant Date 07/26/01

Subscribed and sworn to before me this 26 day of July, 2001.

Notary Public [Signature]

Date Commission Expires Dec 11, 2003

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



Operator Name Amoco Production Company Lease Name Hawk Gas Unit Well # 2 HI  
 East  
 Sec. 13 Twp. 23 S Rge. 33  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 (Attach Additional Sheets.)  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run (Submit Copy.)  Yes  No  
 List All E.Logs Run:  
**Compensated Spectral Natural Gamma Ray**

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums		<input type="checkbox"/> Sample
Name	Top	Datum	
<b>Chase</b>	2530	2885-KB	
<b>Council Grove</b>	2819	2885-KB	

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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
<b>Surface</b>	12 1/4"	8 5/8"	24#	1088	Prem+Lite	325	2%cc;1/4# Flo
					Prem+	150	2%cc;1/4#Floc
<b>Production</b>	7 7/8"	4 1/2"	10.5#	2923	65/35ppw/6%	550	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	2530' - 2540'	Acid - w/500 gals 15% HCL	2660-2670
4	2548' - 2568'	Frac - w/50,000# 16/30 Brady Sand	2530-2568
4	2603' - 2613'	& 643 bbls 70Q N2 foam	
4	2660' - 2670'		

TUBING RECORD		Size <b>2 3/8"</b>	Set At <b>2685'</b>	Packer At <b>N/A</b>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. <b>07/09/01</b>			Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls. <b>0</b>	Gas Mcf <b>50</b>	Water Bbls. <b>0</b>	Gas-Oil Ratio	Gravity

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  
HAWK GU 2 HI  
SECTION 13-T23S-R33W  
FINNEY COUNTY, KANSAS

COMMENCED: 04-03-01  
COMPLETED: 04-05-01

SURFACE CASING: 1088' OF 8 5/8" CMTD  
W/325 SKS PREMIUM PLUS LITE + 2% CC +  
1/4#/SK FLOCELE. TAILED W/150 SKS  
PREMIUM PLUS + 2% CC + 1/4#/SK FLOCELE.

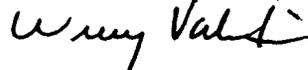
FORMATION

DEPTH

SURFACE HOLE	0 - 1088
RED BED	1088 - 2230
LIMESTONE & SHALE	2230 - 2630
LIMESTONE, SHALE & CHASE	2630 - 2930 RTD

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

CHEYENNE DRILLING, INC.

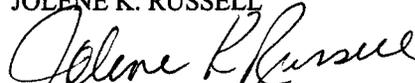


WRAY VALENTINE

STATE OF KANSAS: ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 10TH DAY OF APRIL, 2001.

JOLENE K. RUSSELL



NOTARY PUBLIC