

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: \_\_\_\_\_

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     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. \_\_\_\_\_

05/15/01    05/16/01    07/16/01

Spud Date    Date Reached TD    Completion Date

API NO. 15- 055-21723-0000

County Finney

     - NW - SE - SE Sec. 12 Twp. 23 S Rge. 34 X      E  
W

680S Feet from (S)N (circle one) Line of Section

680E Feet from (E)W (circle one) Line of Section

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

Lease Name Kraus Gas Unit Well # 2 HI

Producing Formation Chase

Elevation: Ground 2938 KB 2943

Total Depth 2912 PBDT 2905

Amount of Surface Pipe Set and Cemented at 1125 Feet

Multiple 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 see 1 BH 8-12-02  
(Data must be collected from the Reserve Pit)

Chloride content 26,000 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. \_\_\_\_\_ 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 [Signature]

Title Staff Assistant Date 09/06/01

Subscribed and sworn to before me this 6 day of SEPT. 2001.

Notary Public [Signature]

Date Commission Expires 02/02  
HELENYA PALAC  
NOTARY PUBLIC  
STATE OF TEXAS  
My Commission Expires 05-26-2002

K.C.C. OFFICE USE ONLY		
F <u>NO</u>	Letter of Confidentiality Attached	
C <u>✓</u>	Wireline Log Received	
C <u>NO</u>	Drillers Timelog Received	
Distribution		
_____ KCC	_____ SWD/Rep	_____ NGPA
_____ KGS	_____ Plug	_____ Other
(Specify)		

Operator Name Amoco Production Company Lease Name Kraus Gas Unit Well # 2 HI  
 Sec. 12 Twp. 23 S Rge. 34 County Finney  
 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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Chase</b>	<b>2570</b>	<b>2943-KB</b>
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>Council Grove</b>	<b>2855</b>	<b>2943-KB</b>
List All E.Logs Run: <b>Compensated Spectral Natural Gamma Ray</b>				

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>	<b>12 1/4"</b>	<b>8 5/8"</b>	<b>24#</b>	<b>1125</b>	<b>Prem+Lite</b>	<b>350</b>	<b>2%;1/4#Flocel</b>
					<b>Prem+</b>	<b>150</b>	<b>2%;1/4#Flocel</b>
<b>Production</b>	<b>7 7/8"</b>	<b>4 1/2"</b>	<b>10.5#</b>	<b>2905</b>	<b>65/35w/6%ge</b>	<b>450</b>	<b>1/4# Flocele</b>

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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
<b>4</b>	<b>2570' - 2580'</b>	<b>Acid-w/500 gals 15% HCL</b>	<b>2570-2600</b>
<b>4</b>	<b>2590' - 2600'</b>	<b>Frac-w/80,000# 16/30 Brady Sand &amp;</b>	<b>2570-2600</b>
<b>4</b>	<b>2640' - 2650'</b>	<b>308 bbls 70Q N2 Foam</b>	
<b>4</b>	<b>2694' - 2704'</b>	<b>acid-w/500 gals of 15% HCL</b>	<b>2694-2704</b>

TUBING RECORD	Size <b>2 3/8"</b>	Set At <b>2719</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.	Producing Method			
<b>07/16/01</b>	<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>113</b>	Water Bbls. <b>0</b>	Gas-Oil Ratio

Disposition of Gas:  Vented  Sold  Used on Lease  Open Hole  Perforation  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

METHOD OF COMPLETION: \_\_\_\_\_

Production Interval: \_\_\_\_\_

(If vented, submit ACO-18.)

DRILLER'S LOG

AMOCO PRODUCTION  
KRAUS #2 HI  
SECTION 12-T23S-R34W  
FINNEY COUNTY, KANSAS

COMMENCED: 05-14-01  
COMPLETED: 05-16-01

SURFACE CASING: 1125' OF 8 5/8" CMTD  
W/350 SKS 65:35 POZ C + 2% CC + 1/4#/SK  
FLOCELE. TAILED W/150 SKS PREMIUM  
PLUS + 2% CC + 1/4#/SK FLOCELE.

FORMATION

DEPTH

---

SURFACE HOLE	0 - 1125
RED BED	1125 - 1520
GLORIETTA	1520 - 1700
RED BED	1700 - 2750
LIMESTONE & SHALE	2750 - 2912 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 21ST DAY OF MAY, 2001.

JOLENE K. RUSSELL



NOTARY PUBLIC