

ORIGINAL

SIDE ONE

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 800, Rm. 1833

City/State/Zip Denver, CO 80201

Purchaser: \_\_\_\_\_

Operator Contact Person: J. A. Victor

Phone (303) 830-4009

Contractor: Name: Cheyenne Drilling

License: 5382

Wellsite Geologist: \_\_\_\_\_

Designate Type of Completion:  
 New Well  Re-Entry  Workover

Oil  SWD  Temp. Abd.  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply, etc.)

If OAKO: old well info as follows:  
Operator: N/A

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

10/29/90      10/31/90      12/11/90  
Spud Date      Date Reached ID      Completion Date

API NO. 15- 187-20508-0000

County Stanton

SW    NE    NE    Sec. 11 Twp. 29 Rge. 39  E/W

4030 Ft. North from Southeast Corner of Section

1250 Ft. West from Southeast Corner of Section

(NOTE: Locate Well in section plat below)

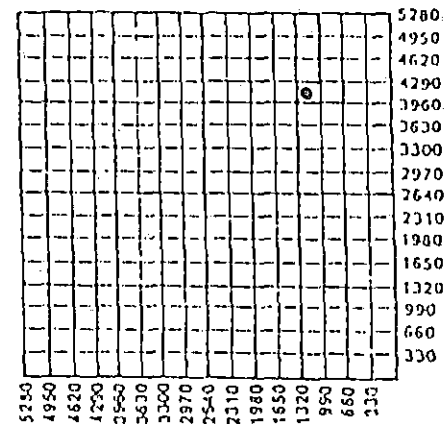
Lease Name Brown G.U. D Well # 3HI

Field Name Hugoton

Producing Formation Chase

Elevations: Ground 3153' KD 3165'

Total Depth 2572' PBD \_\_\_\_\_



Amount of Surface Pipe Set and Cemented at 624 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

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 J. J. Hampton

Title Sr. Staff Admin. Supv. Date 1/22/91

Subscribed and sworn to before me this 22 day of January, 1991.

Notary Public Julie A. Victor

Date Commission Expires 4/7/94

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

SIDE TWO

Operator Name Amoco Production Company Lease Name Brown G.U. D Well # 3HI  
 Sec. 11 Twp. 29 Rge. 39  East County Stanton  
 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	Name  Chase	Formation Description	
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Log <input checked="" type="checkbox"/> Sample	
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Top	Bottom
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2265'	2580'

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
Surface	12-1/4"	8-5/8"	24#	624'	POZ-C 65/35	165	
Production	7-7/8"	5-1/2"	15.5#	2572'	Class C	150	
					POZ-C 65/35	450	
					Class C	100	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Depth			Depth
				Frac with 184,338 gals gelled water and 878,380# 8/16 Brady sand			2273-2572
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
SI							
Estimated Production Per 24 Hours		Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio		Gravity
			1500				

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION:  Open Hole  Perforation  Dually Completed  Conningled  Other (Specify) Slotted Casing

Production Interval: 2273-2572'

11-29-39 W

K C C

DRILLERS LOG

NOV 05 1990

AMOCO PRODUCTION COMPANY  
BROWN GLJ "D" NO. 3 HI  
SECTION 11-T29S-R39W ✓  
STANTON COUNTY, KANSAS

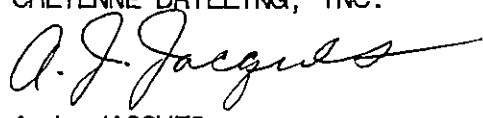
COMMENCED: 10-29-90  
COMPLETED: 10-31-90

SURFACE CASING: 612' OF 8 5/8"  
CMTD W/165 SX LT "C", 3% C.C.,  
1/4#/SX FLO-CELE; TAILED IN W/150  
SX "C", 3% C.C., 1/4#/SX FLO-CELE

FORMATION	DEPTH
SURFACE HOLE	0- 624
RED BED	624-1160
ANHYDRITE	1160-1260
SAND, ANHYDRITE, & RED BED	1260-2180
RED BED & SHALE	2180-2475
SHALE	2475-2572 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

STATE OF KANSAS :ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 1ST DAY OF NOVEMBER, 1990. NOV 5 1990


 BECKY J. WHETSTONE  
 NOTARY PUBLIC  
 STATE OF KANSAS  
 MY APPT. EXPIRES 4/29/91

Becky J. Whetstone  
BECKY J. WHETSTONE, NOTARY PUBLIC