

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 52 Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If (XXX) old well info as follows:
Operator: N/A

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

6/15/90 6/17/90 7-20-90
Spud Date Date Reached ID Completion Date

API NO. 15- 067-21045-0000

County Grant

SE NW NW sec. 29 Twp. 27 Rge. 37

4030 ft. North from Southeast Corner of Sec

4000 ft. West from Southeast Corner of Sect
(NOTE: Locate well in section plat bel.)

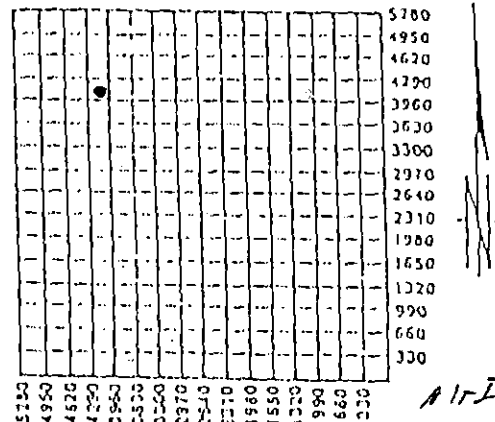
Lease Name E. Williams G.U. Well # 3HI

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3072' KB 3084'

Total Depth 2613' PDID _____



Amount of Surface Pipe Set and Cemented at 663 ft.

Multiple Stage Cementing Collar Used? Yes

If yes, show depth set _____ ft.

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ SX CH.

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-1 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. A. Victor DEC 20 1990

Title Sr. Staff Admin. Supv. Date 12-18-90

Subscribed and sworn to before me this 18 day of December 19 90.

Notary Public Julie A. Victor

Date Commission Expires 1/7/94

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
 W Wireline Log Received
 C Drillers Time Log Received

Distribution

KCC SWD/Rep HGA
 KGS Plug Other
 (Specify)

SIDE VIEW

Operator Name Amoco Production Company Lease Name E. Williams G.U. Well # 3HI

Sec. 29 Twp. 27 Rge. 37 East West
 County Grant

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	Formation Description <input type="checkbox"/> Log <input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
		Name: Chase Top: 2340' Bottom: 2615'

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#	663'	Howco Lite	150	CACL2 3%
Production	7-7/8"	5-1/2"	15.5#	2610	Howco Prem	150	CACL2 3%
					Pacesetter	350	Cello-Seal
					Premium C	100	Cello-Seal
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth			
Shots Per Foot	Specify Footage of Each Interval Perforated			Frac with 189,126 gals. crosslink agent and 950,000# 8/16 sand			2345-2610
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	Size	Set At	Packer At	None			
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)						
ST							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
		1500					

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-10.)

METHOD OF COMPLETION: Open Hole Perforation Dually Completed Conningled Other (Specify) slotted casing

Production Interval: 2345-2610

DRILLERS LOG

AMOCO PRODUCTION COMPANY
 E. WILLIAMS G.U. NO. 3 HI
 SECTION 29-T27S-R37W
 GRANT COUNTY, KANSAS

COMMENCED: 06-15-90
 COMPLETED: 06-17-90

SURFACE CASING: 660' OF 8 5/8"
 CMTD W/150 SX LT. "C", 3% C.C.,
 1/4#/SX FLO-CELE; TAILED IN W/150 SX
 SX "C", 3% C.C., 1/4#/SX FLO-CELE

FORMATION	DEPTH
SURFACE HOLE	0- 663
RED BED	663-1324
GLORIETTA SAND	1324-1445
SHALE	1445-1880
SHALE & LIME	1880-2317
LIME & SHALE	2317-2613 RTD

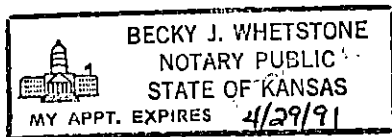
I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.

A. J. Jacques
 A.J. JACQUES

STATE OF KANSAS :ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 19TH DAY OF JUNE, 1990.



Becky J. Whetstone
 BECKY J. WHETSTONE, NOTARY PUBLIC

STAMP: JUN 21 1990