

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  
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 OWMO: old well info as follows:  
Operator: N/A  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

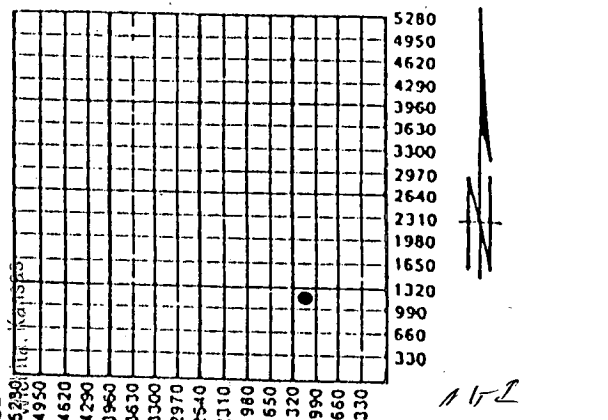
Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
11/16/89 11/20/89 2/6/90  
Spud Date Date Reached TD Completion Date

API NO. 15- 129-21024-00-00  
County Morton  
NW SE SE Sec. 32 Tmp. 32 Rge. 39 East West  
1250 Ft. North from Southeast Corner of Section  
1250 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Lease Name Vaughn G.U. Well # 3HI  
Field Name Hugoton  
Producing Formation Chase  
Elevation: Ground 3244' KB 3256'  
Total Depth 2713' PBTD 2712'

RECEIVED  
STATE CORPORATION COMMISSION

MAY 29 1990



Amount of Surface Pipe Set and Cemented at 614 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. Hampton  
Title Sr. Staff Admin. Supv. Date 5/18/90  
Subscribed and sworn to before me this 18 day of May, 1990.  
Notary Public Julie A. Victor  
Date Commission Expires 4/7/94

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

91 X

ORIGINAL

**SIDE TWO**

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

Sec. 32 Twp. 32 Rge. 39  East  West  
 County Morton

**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.)

Formation Description		
Name	Top	Bottom
Chase	2424'	
Herrington	2436'	
Krider	2490'	
Winfield	2508'	
Towanda	2580'	
Ft. Riley	2640'	

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#	614'	Lite C	175	CACL 2%
Production	7-7/8"	5-1/2"	15.5#	2712'	Premium C	150	CACL 2%
					Lite C	320	Flocele
					Premium C	120	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
Shots Per Foot	Specify Footage of Each Interval Perforated	Amount and Kind of Material Used	Depth
		Frac with 224,952 gal. crosslink gel and 984,300# 8/16 sand	2422-2712

TUBING RECORD	Size	Set At	Packer At	Liner Run
	None		None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First Production	Producing Method	Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
SI-waiting on pipeline	<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			1123			

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

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

Production Interval: 2422-2712'