

STATE COMMISSION 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 OWO: old well info as follows:

Operator: N/A

Well Name:

Comp. Date Old Total Depth

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

7/1/90

7/3/90

Spud Date Date Reached ID Completion Date

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. L. Hampton

Title Sr. Staff Admin. Supv. Date 10/30/90

Subscribed and sworn to before me this 30 day of October,
19 90.

Notary Public Julie A. Victor

Date Commission Expires 4/7/94

API NO. 15- 093-21063

County Kearny

NE SW NW Sec. 21 Twp. 25 Rge. 37 East X West

3710 ft. North from Southeast Corner of Section

4030 ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

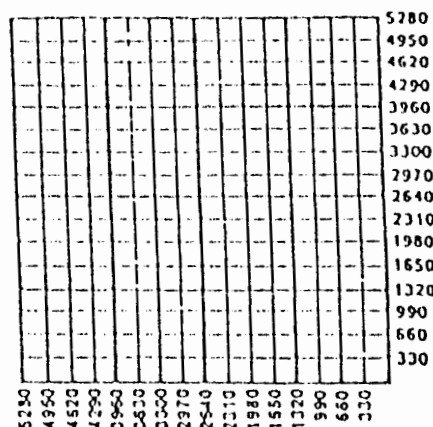
Lease Name McDowell G.U. Well # 3HI

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3110' KB 3122'

Total Depth 2603' PBID



Amount of Surface Pipe Set and Cemented at 646 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.

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 McDowell G.U. Well # 3HI
 Sec. 21 Twp. 25 Rge. 37 ☐ East ☒ West
 County Kearny

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

☐ Log ☒ Sample

Name Top Bottom
 Chase 2345' 2610'

CASING RECORD

☒ New ☐ 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#	646'	Howco Lite	165	CACL 3%
					Howco Prem	150	CACL 3%
Production	7-7/8"	5-1/2"	15.5#	2651'	Howco Lite	575	
					Howco Prem	100	

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

Frac with 156,500 gal. gelling agent and 737,920# 8/16 Brady sand 2349-2603

TUBING RECORD

Size Set At Packer At

None

Liner Run ☐ Yes ☒ No

Date of First Production Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease
 (If vented, submit ACO-18.)

☐ Open Hole ☐ Perforation ☐ Dually Completed ☐ Confining
☒ Other (Specify) slotted casing

2349-2603'