

ORIGINAL

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 093-21073-0660

County Kearney

NE SW SW Sec. 12 Twp. 24 Rge. 37 East West

1250 ✓ Ft. North from Southeast Corner of Section

3995.20 ✓ Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Green Gas Unit ✓ Well # 3

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3239.8 KB 3249.8

Total Depth 2900 PBDT 2851

Operator: License # 05398

Name: ARCO Oil & Gas Company

Address Box 1610

City/State/Zip Midland, TX 79702

Purchaser: ARCO Oil & Gas Company

Operator Contact Person: Ken W. Gosnell

Phone (915) 688-5672

Contractor: Name: Exeter

License: 03098

Wellsite Geologist: Ben Francka

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If O/W/O: old well info as follows:

Operator: _____

Well Name: _____

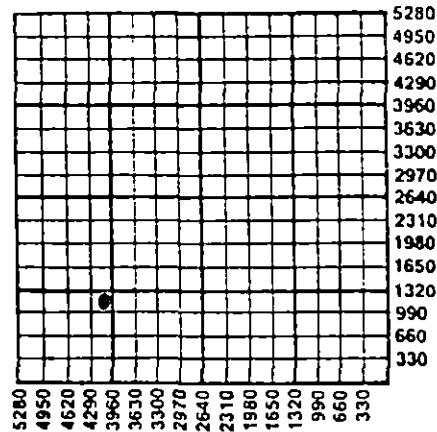
Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

6-29-90 7-4-90

Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 797 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 Ken W. Gosnell

Title Regulatory Coordinator Date 3-19-91

Subscribed and sworn to before me this 19th day of March, 19 91

Notary Public LISA A. GARDY

Notary Public, State of Texas
Date Commission Expires 6-6-92

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)

12 24 37W

PI

SIDE TWO

Operator Name ARCO Oil & Gas Company Lease Name Green Gas Unit Well# 3
 Sec. 12 Twp. 24 Rge. 27 East West County Kearney

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 checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Bottom
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Glorieta Sand		
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Stone Corral	1930	
		Chase	2518	
		Krider	2535	
		Winfield	2578	
		Towando	2640	
		Lower Ft. Riley	2685	
		Florence	2720	
		Wreford	2768	
		Council Grove	2785	

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	797	C	550	2%CC+1/4#CF
Production	7 7/8	4 1/2	9.5	2900	POZ C	1230	gel+1/4#CF
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Amount and Kind of Material Used		Depth	
4	2644-59, 2662-72, 2675-84			A w/3400 gals. Frac w/5277 bbls			
				& 571,200# sd			
2	2518-56, 2578-2604			A w/10,000 gals			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
None		Size	Set At	Packer At			
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)						
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio
							Gravity

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

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

Production Interval: 2518-2684