

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 5398
Name ARCO Oil and Gas Company
Address P. O. Box 1620
Midland, Texas 79702
City/State/Zip

Purchaser N/A

Operator Contact Person Don L. Mashburn
Phone 405 256-3369

Contractor: License # 7860
Name Johnson Drilling Company

Supervisor: Lynette Schillo
Wellsite Geologist
Phone 405 249-8000

Designate Type of Completion

- New Well Re-Entry Workover
- Oil SWD Temp Abd
- Gas Inj Delayed Comp.
- Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

8/18/85	8/31/85	10/4/85
Spud Date	Date Reached TD	Completion Date
6450'	4505'	
Total Depth	PBTD	

Amount of Surface Pipe Set and Cemented at 1758 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated from.....feet depth to.....w/.....SX cmt

API NO. 15-189-20,867-0000
County Stevens
C NE SW Sec. 12 Twp. 32S Rge. 35 East West

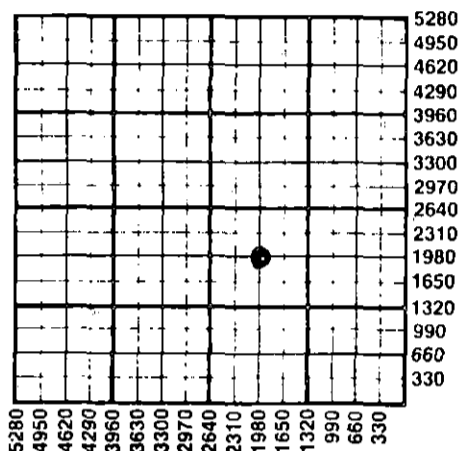
1980 Ft North from Southeast Corner of Section
1980 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Holt "A" Well # 1
Field Name Larrabee

Producing Formation Lansing/Kansas City

Elevation: Ground 2958' KB 2969'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit # T85-795
C E/2 SW/4 SW/4
 Groundwater.....Ft North from Southeast Corner (Well)Ft West from Southeast Corner of Sec 23 Twp 23SRge 35 East West
 Surface Water.....Ft North from Southeast Corner (Stream,pond etc).....Ft West from Southeast Corner Sec Twp Rge East West
 Other (explain).....
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 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. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully compiled with and the statements herein are complete and correct to the best of my knowledge.

Signature Don Mashburn
Title Area Production Superintendent Date 6/23/86

Subscribed and sworn to before me this 23rd day of June 1986.
Notary Public Jonda J. Freeman
Date Commission Expires Dec 2, 1987

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

JUN 25 1986
6-25-1986
CONSERVATION DIVISION
Wichita, Kansas

Sec 12 Twp 32S Rge 35W

SIDE TWO

Operator Name ARCO Oil and Gas Company Lease Name Holt "A" Well # 1

Sec. 12 Twp. 32S Rge. 35 East West County Stevens

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Name	Top	Bottom
Surface Clay & Sand	0	425
Redbed, Sand, Shale	425	1738
Anhydrite	1738	1758
Shale	1758	3291
Lime & Shale	3291	6450

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
Conductor	20"	16"		60'	6-sx grt	5 yds	
Surface	12 1/4"	8-5/8"	24#	1714'	LW Cl "H"	700	2% CaCl
Production	8-3/4"	5-1/2"	15.5#	6414'	50/50 Poz LW Cl "H"	350 350 50	4% FIA 10% Salt

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2 SPF	6078-88, 6092-6104	Brkdn: 300 Gal Diesel & 1500 Gal Diesel	6343
4 SPF	4520-21, 4222-23	Frac: 15,000 gal Diesel & 27,500# sand	
4 SPF	4462-44, 4330-14, 4304-4281	Squeezed 200 sx Cl "H" w/3% CaCl Displ w/189 bbl Chester Water	

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

Date of First Production	Producing Method
N/A	<input 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 CFPB	Gravity
N/A					

METHOD OF COMPLETION N/A Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled