

SIDE ONE

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  
Address P.O. Box 5540  
City/State/Zip Denver, Colorado 80217

Purchaser Permian Corporation

Operator Contact Person S.R. Keasler  
Phone (405) 233-4282

Contractor: License # 7860  
Name Johnson Drilling Company

Wellsite Geologist  
Phone

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  
7-13-85 7-24-85 9-9-85  
Spud Date Date Reached TD Completion Date  
6450' 6397'  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 1800 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 20864-00-00  
County Stevens  
C... NW... NW Sec. 12 Twp. 32 Rge. 35  East  West

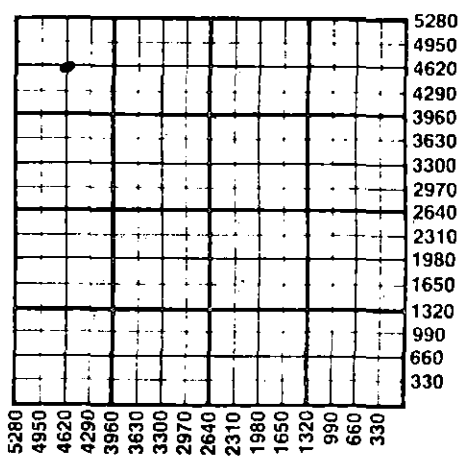
4620 Ft North from Southeast Corner of Section  
4620 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Nipple Well # 2

Field Name Larrabee Miss

Producing Formation Chester

Elevation: Ground 2963' KB 2974'  
Section Plat KC-KC



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 # T85-651  
 Groundwater 560 Ft North from Southeast Corner  
(Well) 4060 Ft West from Southeast Corner of  
Sec 12 Twp 32S Rge 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 complied with and the statements herein are complete and correct to the best of my knowledge.

Signature K.L. Flinn  
Title Drilling Analyst Date 10-14-85

Subscribed and sworn to before me this 14th day of October 1985  
Notary Public  
Date Commission Expires My Commission Expires Nov. 4, 1986

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)  
RECEIVED  
STATE CORPORATION COMMISSION

Form ACO-1 (7-84)  
OCT 18 1985  
10-18-1985  
CONSERVATION DIVISION  
Wichita, Kansas

Sec 12 Twp. 32 Rge 35

ARCO Oil and Gas Company  
A Division of Atlantic Richfield Company

Operator Name ..... Lease Name..... Nipple ..... Well #..... 2

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  
 Drillers  Log  Sample

Name	Top	Bottom
Surface soil & sand	0	1410'
Sand & anhydrite	1410'	1642'
Red bed & anhydrite	1642'	1805'
Shale	1805'	2537'
Lime & shale	2537'	5935'
Shale	5935'	6050'
Lime & shale	6050'	6450'

FORMATION TOPS:

Chase	2592'
Council Grove	2881'
Cherokee	5137'
Morrow	5570'
Chester	5935'
St Genevieve	6110'
St Louis	6251'

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#	1800'	Life	800	3% cc & 1/2#/ex floc
Production	7-7/8"	5-1/2"	15.5#	6446'	Class H 50/50 poz Class H	150 500 50	2% cc 15% salt & 1/2#/ex floc

PERFORATION RECORD  
 Shots Per Foot | Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth

2 SPF	6086'-6081' & 6079-6066'	20,000 gals diesel + 49,500# 20/40 sand	6086-66
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TUBING RECORD  
 Size 2-7/8" Set At 6099' Packer at --- Liner Run  Yes  No

Date of First Production 9-9-85 Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	7215 Bbls	160.6 MCF	95 Bbls	746.768 CFPB	42.7°

METHOD OF COMPLETION Production Interval

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

