

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 521
City/State/Zip Tulsa, Okla 74102

Operator Contact Person S. R. Keasler
Phone (405) 233 4862

Contractor: License # KCC 1296
Name Johnson Drilling Co.

Wellsite Geologist
Phone

PURCHASER: ARCO Petroleum Products
P. O. Box 521, Tulsa, Ok 74102

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

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
11-15-84 11-27-84 1-17-85
Spud Date Date Reached TD Completion Date
6450' 6406'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 1797 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 20,781-000b
County Stevens
C S/2 NW Sec 12 Twp 32 Rge 35 East West

3300 Ft North from Southeast Corner of Section
3960 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

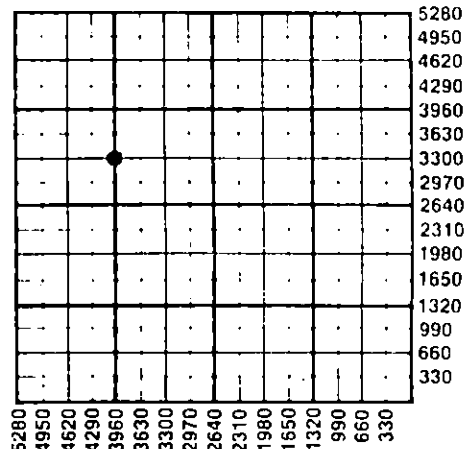
Lease Name Nipple Well # 1

Field Name Larrabee

Producing Formation Chester

Elevation: Ground 2899' KB 2907'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit # 84-853

Groundwater 560 Ft North from Southeast Corner (Well) 4060 Ft West from Southeast Corner of Sec 12 Twp 32 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.#)

Disposition of Produced Water: Disposal Repressuring

Docket #

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 Carl W. Brown
Title Opns Info Asst Date 1-18-85

Subscribed and sworn to before me this 18th day of January 1985.

Notary Public Mary Mallory
Date Commission Expires July 23, 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

JAN 24 1985
1-29-7485

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
Chase	2540'	
Council Grove	2829	
Heebner	4054	
Lansing/K.C.	4194	
Marmaton	4882	
Cherokee	5077	
Morrow	5510	
Chester	5830	
Surface, Clay & Sand	0	440'
Red bed & shale	440	1109
Glorieta Sand	1109	1292
Shale	1292	1700
Anhydrite	1700	1714
Shale	1714	2635
Lime & shale	2635	6450

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 csg	12-1/4"	8-5/8"	24	1797'	LW	700	3% cc, 1/4# Floccel/sk
Production	7-7/8"	5-1/2"	15.5	6450'	Cl.H. 50-50 poz. DV tool @ 3613'	200	2% cc
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
2	5991-6002'			Treat w/4000 gals diesel		5991-6002'	
				Frac w/20,000 gals gel diesel			
				& 32,000# 20/40 sd		5991-6002'	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size 2-3/8"		Set At 5928'		Packer at 5928'			
Date of First Production	Producing Method						
1-10-85	<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	Gas	Water	Gas-Oil Ratio		Gravity	
	93	1,743	0	18,741:1			
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 5991 - 6002'
 Used on Lease
 SI f/sales line conn. Dually Completed
 Commingled