

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 & Gas Co.
Address Box 1610
City/State/Zip Midland, TX 79702

Purchaser Not assigned

Operator Contact Person Ken W. Gosnell
Phone (915) 688-5672

Contractor: License # 07345
Name Triad Drilling Co.

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
4-3-87 4-13-87 5-5-87
Spud Date Date Reached TD Completion Date
6475 6165
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 1802 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
Cement Company Name
Invoice #

API NO. 15-189-21,024-00-00
County Stevens
C NE 23 33 Rge 35 East
..... Sec..... Twp..... Rge..... West

3960 Ft North from Southeast Corner of Section
1320 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

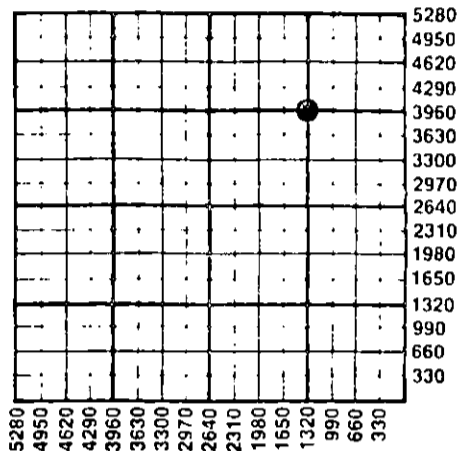
Lease Name Groethe 1-B Unit Well # 2

Field Name Becker

Producing Formation Lower Morrow

Elevation: Ground 2954 KB 2968

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water: T 86-400
Division of Water Resources Permit #

Groundwater 1085 Ft North from Southeast Corner
4740 Ft West from Southeast Corner of
Sec 13 Twp 33S 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 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. 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 Ken W. Gosnell

Title Engr. Tech. Date 7-28-87

Subscribed and sworn to before me this 28 day of July 1987

Notary Public Beth Geiger

Date Commission Expires 11-14-90

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)

SIDE TWO

Operator Name ARCO Oil & Gas Company Lease Name Groethe 1-B Unit Well # 2

Sec. 23 Twp. 33S 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
Chase	2634	
Council Grove	2960	
Lansing KC	4368	
Marmaton	5072	
Morrow	5716	
Chester	6097	
St. Gen	6290	
St. Louis	6430	

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	1802	Lite. & H	900	
Production	7-7/8	5-1/2	15.5	6469	Poz. & H	1200	
Conductor	26	16		60		25	
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	6233-6241			Frac. w/10,000 gals. & 12,500# sand		6180	
4	5996-6012			set CIBP w/15' cmt. AF w/500 gals. HCL, 19,000 gals. foam & 33,000# sand			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size	Set At	Packer at					
2-7/8	5914	5914					
Date of First Production	Producing Method						
5-5-87	<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
Estimated Production Per 24 Hours	Condensate	Gas	Water	Gas-Oil Ratio	Gravity		
	0.5 bbls	1066 MCF	3 bbls	2,132,000 CFPB			

METHOD OF COMPLETION

Production Interval

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

Dually Completed Commingled

OCT 30 1987
 CONSERVATION DIVISION
 Wichita, Kansas