

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 # 4549  
Name Anadarko Petroleum Corp.  
Address P. O. Box 351  
City/State/Zip Liberal, Kansas 67901

Purchaser NA

Operator Contact Person M. L. Pease  
Phone 316-624-6253

Contractor: License # 7860  
Name Johnson Drilling Company

Wellsite Geologist Carl Burdick  
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 OKWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
9/30/86 10/11/86 NA  
Spud Date Date Reached TD Completion Date  
6400 3038  
Total Depth PBT  
Amount of Surface Pipe Set and Cemented at 1799 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 3226 feet  
If alternate 2 completion, cement circulated from feet depth to w/SX cmt

API NO. 15-189-20,932-0000  
County Stevens  
C... NR... SW Sec. 2 Twp. 32S Rge. 36  East  West

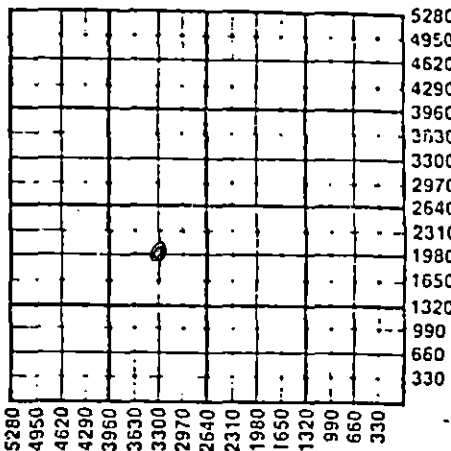
1980 Ft North from Southeast Corner of Section  
3300 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name BROLLIER "E" Well # 1

Field Name Cutter South Prospect

Producing Formation NA

Elevation: Ground 3059 KB 3070  
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 #  
 Groundwater... Ft North from Southeast Corner (Well) ... Ft West from Southeast Corner of Sec Twp Rge  East  West  
 Surface Water... Ft North from Southeast Corner (Stream, pond etc)... Ft West from Southeast Corner Sec Twp Rge  East  West  
 Other (explain) Contractor provided water... (purchased from city, R.W.D. #)

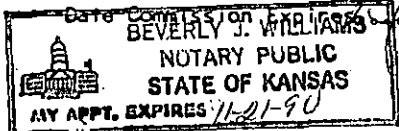
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply. Information on side two of this form will be held 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 M. L. Pease  
Title Division Production Manager Date 7/6/87

Subscribed and sworn to before me this 6th day of July 1987  
Notary Public Beverly J. Williams

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 OKCCSGIC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)  
1987 7-9-87



Sec. 2, Twp. 32S, Rge. 36E

SIDE TWO

Operator Name Anadarko Petroleum Corporation Lease Name BROLLIER "E" Well # 1

Sec. 2 Twp. 32S Rge. 36  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

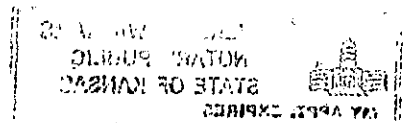
Name	Top	Bottom
Surface, Clay, Sand	0'	520'
Redbed, Sand, Shale	520'	1790'
Anhydrite	1790'	1800'
Shale	1800'	2805'
Lime & Shale	2805'	5185'
Lime	5185'	5300'
Lime & Shale	5300'	5470'
Shale	5470'	5677'
Lime & Shale	5677'	6098'
Lime	6098'	6188'
Lime & Shale	6188'	6317'
Lime	6317'	6400'

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	1799	poz/com	825	4% gel 2% salt
Production	7-7/8"	4-1/2"	11.6	5760	LW-50/50 poz	560	10% salt
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			
Shots Per Foot	Specify Footage of Each Interval Perforated					Depth	
2	5617-22			A/750 gal 7-1/2% FF Frac w/21,000 gal foamed 2% KCL, 30,000 @ 16/30 sand. Set CIBP @ 3160			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production	Producing Method <input 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		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

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



JOHNSON *Drilling Company, Inc.*



RECEIVED

OCT 20 1986

PRODUCTION DEPT.

OFFICES IN LIBERAL, KANSAS  
EVANSVILLE, INDIANA  
TEL. (812) 428-7911  
OKLAHOMA CITY, OKLAHOMA  
TEL. (405) 943-7667

*Handwritten signature*  
10/20

REPLY TO:

3535 N. W. 58th - Suite 710  
Oklahoma City, Oklahoma 73112

*Handwritten notes:*  
LB  
PDM  
PDM  
will  
File

October 16, 1986

Anadarko Petroleum Corporation  
P. O. Box 351  
Liberal, Kansas 67901

Attn: Mr. M. L. Pease

DRILLERS LOG for:

Brollier "E" # 1  
Section 2-32S-36W  
Stevens County, Kansas

0' - 520'  
520' - 1790'  
1790' - 1800'  
1800' - 2805'  
2805' - 5185'  
5185' - 5300'  
5300' - 5470'  
5470' - 5677'  
5677' - 6098'  
6098' - 6188'  
6188' - 6317'  
6317' - 6400'

Surface, Clay, & Sand  
Redbed, Sand, & Shale  
Anhydrite  
Shale  
Lime & Shale  
Lime  
Lime & Shale  
Shale  
Lime & Shale  
Lime  
Lime & Shale  
Lime

JOHNSON DRILLING COMPANY, INC.

Signed by: *Claude D. Moore*  
Claude D. Moore, Manager

STATE OF OKLAHOMA:

COUNTY OF OKLAHOMA:

RECEIVED  
STATE CORPORATION COMMISSION  
7-9-87  
OCT 9 1987

Subscribed and sworn to before me this 16th day of October, 1986, Liberal, Kansas

CONSERVATION DIVISION  
Liberal, Kansas

*Barbara Foley*  
Notary Public  
My Commission Expires: *October 24, 1988*