

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

Purchaser JM Petroleum

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

Contractor: License # 5842  
Name Gabbert-Jones, Inc

Wellsite Geologist Ed Nicholes  
Phone 316-624-2623

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  
11/18/86 11/29/86 1/25/87  
Spud Date Date Reached TD Completion Date  
6420 6333  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1637 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. 15-175-20,919-0000

County Seward

100' W&S C NE SW 22 33S 34  East  
Sec..... Twp..... Rge.....  West

1880 Ft North from Southeast Corner of Section  
3398 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

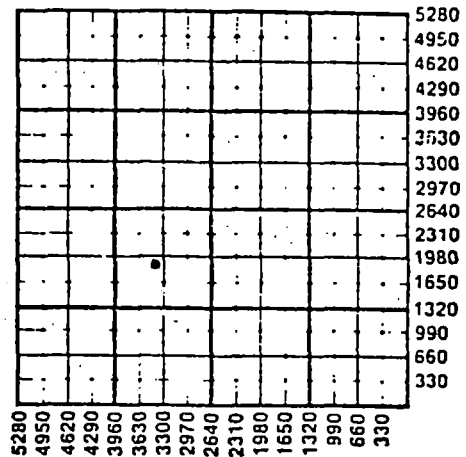
Lease Name ETZOLD UNIT NORTH Well # 3-5

Field Name ETZOLD UNIT NORTH Shuck

Producing Formation L. Chester

Elevation: Ground 2892 KB 2905

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket # CD-18119(C-20,064)  Repressuring

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) water purchased from farmer (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 David W. Kapple  
David W. Kapple  
Division Production Engineer Date 3/10/87

Notary Public BEVERLY J. WILLIAMS  
STATE OF KANSAS  
My Appl. Expires 11-21-90  
Subscribed and sworn to before me this 10th day of March 1987  
Notary Public Beverly J. Williams  
Date Commission Expires November 21, 1990

K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Time Log Received

Distribution CO:  KCC  SWD/Reg  NGPA  
 KGS  Plug  Other

STATE OF KANSAS  
CONSERVATION DIVISION  
Wichita, Kansas

Sec. 22 Twp. 33S Rge. 34E

Operator Name Anadarko Petroleum Corporation Lease Name ETZOLD UNIT NORTH Well # 3-5

Sec. 22 Twp. 33S Rge. 34  East  West County Seward

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
Cased hole	0'	30'
Sand	30'	275'
Sand, Redbed	275'	1037'
Glorietta Sand, & Redbed	1037'	1080'
Sand	1080'	1260'
Redbed, Anhy	1260'	1638'
Anhy, Shale	1638'	1777'
Shale, Lime	1777'	3895'
Lime, Shale	3895'	5255'
Lime	5255'	5320'
Lime, Shale	5320'	6419'

RELEASED

APR 19 1988

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#	1637	50/50 Poz Common	550 200	2% CC 2% CC
Production	7-7/8"	5-1/2"	15.5#	6420	LW 50/50 Poz	50 100	10% Salt
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	6286-92			A/600 gal 10% NE			
2	6230-86			A/3100 gal 10% NE. Frac with 13,000 gal gelled diesel + 21,000# 20/40 sand			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size 2-3/8"		Set At 6228		Packer at --			
Date of First Production		Producing Method					
1/18/87		<input type="checkbox"/> Flowing <input checked="" 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	
→		31 bbls	69 MCFD	5 bbls	2226 CFPB		

METHOD OF COMPLETION

Production Interval

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

6230-6292