

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
12/2/86 12/14/86 2/1/87
Spud Date Date Reached TD Completion Date
6430 6377
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 1642 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. 15-175-20,920-0000

County Seward

660' FNL&990' FWL 27 33S Rge 34 East West

4605 Ft North from Southeast Corner of Section
4313 Ft West from Southeast Corner of Section
(NOTE: Locate well in section plat below)

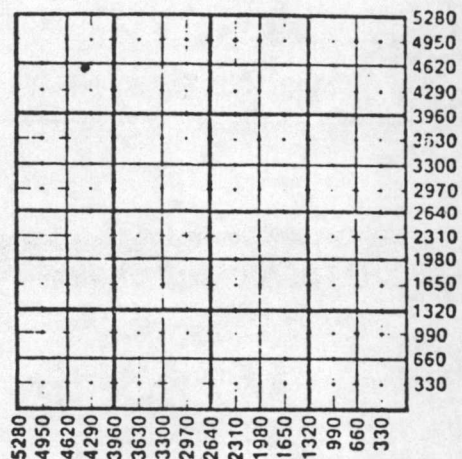
Lease Name ETZOLD UNIT SOUTH Well # 4-2

Field Name ETZOLD UNIT SOUTH Shuck

Producing Formation L. Chester

Elevation: Ground 2903 2916 KB

Section Plat



WATER SUPPLY INFORMATION

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

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

Title BEVERLY J. WILLIAMS
NOTARY PUBLIC
STATE OF KANSAS
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

ST. DISTRIBUTION COMMISSION

KCC SWD/Rep NGPA
 KGS MARCH 2, 1987 Other (Specify)

CONSERVATION DIVISION
WICHITA, KANSAS

Form ACO-1 (7-84)

Sec. 27, Twp. 33, Rge. 34

Operator Name Anadarko Petroleum Corporation Lease Name ETZOLD UNIT SOUTH 4-2

Sec. 27 Twp. 33S Rge. 34W 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, Redbed	30'	845'
Redbed, Gyp	845'	1115'
Sand	1115'	1245'
Sand, Anhy	1245'	1643'
Anhy, Redbed	1643'	2005'
Shale, Lime Stks	2005'	2320'
Lime, Shale	2320'	2550'
Shale, Lime	2550'	2835'
Lime, Shale	2835'	6215'
Lime	6215'	6265'
Lime, Shale	6265'	6430'

RELEASED

APR 19 1988

FROM CONFIDENTIAL

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#	1642'	50/50 Poz	575	4% Gel 2% CC
Production	7-7/8"	5-1/2"	15.5#	6429'	Common IW 50/50 Poz	200 50 100	2% CC 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	6250-6303			Breakdown w/5300 gal diesel Frac with 14,000 gal gel diesel + 25,000# 20/40 sand			
TUBING RECORD		Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
		2-3/8"	6252'				
Date of First Production		Producing Method					
1/29/87		<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	
38 Bbls		111 MCF	trace Bbls	2921 CFPB			

METHOD OF COMPLETION

Production Interval

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

6250-6303 O.A.
 OIL & GAS
 S.E. CORNER
 OF SECTION 27
 TOWNSHIP 33S
 RANGE 34W
 COUNTY SEWARD
 STATE NEBRASKA