

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 67905-0351

Purchaser NA (Injection Well)

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

Contractor: License #
Name Triad

Wellsite Geologist Ed Nichols
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 OWMO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
3/13/88 3/24/88 6/7/88
Spud Date Date Reached TD Completion Date
6425 6347
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1677 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 Halliburton
Invoice # 658267

API NO. 15-175-21,001-0000

County Seward

SW SE NW Sec 27 Twp 33 Rge 34 East
West

2690 Ft North from Southeast Corner of Section
3630 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Etzold Unit South Well # 5-4

Field Name Etzold Unit South

Producing Formation L. Chester

Elevation: Ground 2927 KB 2936

Section Plat

Grid showing section plat with elevations from 330 to 5280.

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:
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 furnished water (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.

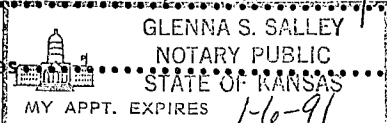
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature M. L. Pease
Title Division Production Manager Date 8/16/88

Subscribed and sworn to before me this 17th day of August 1988

Notary Public Glenna S. Salley

Date Commission Expires



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
KGC SWD/Rep NGPA
KGS Plug Other
(Specify)
8-18-88
Form ACO-1 (5-85)

Section 7 Twp 33 Rge 34

Operator Name Anadarko Petroleum Corp. Lease Name Etzold Unit South Well # 5-4

Sec. 27 Twp. 33 Rge. 34 East West County Seward

WELL LOG

INSTRUCTIONS: Show important tops and base of formation 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
Clay, Sand	0	360'
Sand, Red Bed	360	1060
Red Bed	1060	1500
Red Bed, Anhydrite	1500	1667
Anhydrite	1667	2700
Anhydrite, Dolomite	2700	2945
Dolomite, Lime, Shale	2945	3140
Lime, Shale	3140	3325
Dolomite	3325	3535
Lime, Shale	3535	3800
Shale, Lime	3800	4185
Lime, Shale	4185	4400
Shale, Lime	4400	4795
Lime, Shale	4795	4955
Shale, Lime	4955	5240
Lime, Shale	5240	5350
Shale, Lime	5350	5550
Lime, Shale	5550	5660
Shale, Lime	5660	5985
Lime, Shale	5985	6135
Shale, Lime	6135	6340
Lime, Shale	6340	6425

CASING RECORD Now Used

Report all strings set-conductor, surface, Intermediate, production, etc. ID

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Percent Additives
Surface	12-1/4	8-5/8	24	1677	Poz/Com	575/200	2% cc
Production	7-7/8	5-1/2	15.5	6380	65/35 Poz 50/50 Poz	50 100	6% gel 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	6282-6312	A/1500 gal 7-1/2% MCA

TUBING RECORD Size 2-3/8 fiberglass Set At 6213 Packer at 6213 Liner Run Yes No

Date of First Production NA Producing Method Flowing Pumping Gas Lift Other (explain) Injector

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity

METHOD OF COMPLETION

Interval Injection

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 6282-6312
 Used on Lease Dually Completed
 Coningled