

FORM MUST BE TYPED

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

SIDE ONE

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: ANADARKO ENERGY SERVICES

Operator Contact Person: G. B. SMITH

Phone (316) 624-6253

Contractor: Name: NA

License: NA

Wellsite Geologist: NA

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  SIOW  Temp. Abd.

Gas  ENHR  SIGW

Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: ANADARKO PETROLEUM CORPORATION

Well Name: OLSON A-1

Comp. Date 12-2-87 Old Total Depth 6615

Deepening  Re-perf.  Conv. to Inj/SWD

Plug Back 6192  PBSD

Commingled  Docket No. \_\_\_\_\_

Dual Completion  Docket No. \_\_\_\_\_

Other (SWD or Inj?)  Docket No. \_\_\_\_\_

8-20-97 -- 10-29-97

Spud Date 8-20-97 Date Reached TD -- Completion Date 10-29-97

API NO. 15- 189-21121-00-01

County STEVENS

NE - SW - SE Sec. 32 Twp. 33S Rge. 38 X E

1250 Feet from (S)N (circle one) Line of Section

1390 Feet from (E)W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, (SE) NW or SW (circle one)

Lease Name OLSON "A" Well # 1

Field Name GENTZLER

Producing Formation MORROW

Elevation: Ground 3215 KB \_\_\_\_\_

Total Depth 6615 PBSD 6192

Amount of Surface Pipe Set and Cemented at 1735 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan Rework, 5-7-98 U.C.  
(Data must be collected from the Reserve Pit)  
NOT APPLICABLE

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

\_\_\_\_\_ Quarter Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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 Shawn D. Young

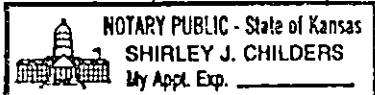
SHAWN D. YOUNG

Title DIVISION PRODUCTION ENGINEER Date 2/13/98

Subscribed and sworn to before me this 13th day of February 19 98.

Notary Public Shirley J. Childers

Date Commission Expires 11/14/98



K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
DATE FOR 2-17-98 (Specify)  
FEB 17 1998

Form ACO-1 (7-91)

CONFIDENTIAL

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name OLSON "A" Well # 1

Sec. 32 Twp. 33S Rge. 38  East County STEVENS  
 West

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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.)  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Submit Copy.)  List All E.Logs Run:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample Name Top Datum   SEE ATTACHED ORIGINAL ACO-1 FORM
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** Original Completion 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"	24.0	1735	POZMIX COMMON	650 200	4% GEL 2% CC 2% CC
** PRODUCTION	7-7/8"	5-1/2"	15.5	6360	LW/50/50	75/135	

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth		#Sacks Used	Type and Percent Additives
	Top	Bottom		

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	
4	6119-6124, 6128-6132	ACIDIZE: 7500 GAL NZ FOAMED 15% FE HCL ACID(75 GAL) W/100 BS (1.3SG)+ADDITIVES	5914-6210
		FRAC'D: 19000 GAL 70QUAL BINARY FOAMED 30# LINEAR GEL + 24000# 20/40 SMD	

TUBING RECORD	Size 2-3/8	Set At 6107'	Packer At NA	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. RESUMED: 10-23-97		Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil -- Bbls.	Gas 694 Mcf	Water 8 Bbls.	Gas-Oil Ratio -- Gravity

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_



Operator Name Anadarko Petroleum Corporation..... Lease Name OILSON #2..... Well # 1.....

Sec...32... Twp...33S.. Rge...38.....  East  West County...STAVES.....

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

DST #1 6183-6196 Misrun

DST #2 6183-6209 (Morrow G), 30-60-120-180, IHP 2941#, First flow 77.8-53.5#, ICIP 953#, Second flow 73.5-90.4#, FCIP 1851#, FHP 2918.7#, BHT 138 deg F @ 6204, rec 120' GCM. During second flow GTS 263 MCFD.

Name	Top	Bottom
Cased Hole	0'	30'
Sand Redbed	30'	480'
Sand, Redbed, Gyp	480'	1150'
Redbed, Gyp	1150'	1540'
Redbed, Anhy	1540'	1736'
Anhy, Shale	1736'	2100'
Shale, Lime	2100'	2760'
Lime, Shale	2760'	3230'
Shale, Lime	3230'	3665'
Lime, Shale	3665'	6209'
DST #2	6133.5'	6209'
Shale, Lime	6209'	6225'
Lime, Shale	6225'	6438'
Lime	6438'	6535'
Lime, Shale	6535'	6615'
TD		6615'

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
.....	.....	.....	.....	.....	Pozmix	650	4% gel 2% cc
..Surface.....	..12-1/4..	..8-5/8.....	..24#.....	..1735...	Common	200	2% cc.....
..Production..	..7-7/8..	..5-1/2.....	..15.5#.....	..6360...	LW/50/50	75/135	.....
DV Tool				3001	LW/"C"	100/100	
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.....	.....6215-24.....			A/500 gals. 7.1/2% MCA.....			
..Set Cement	Retainer at 6210'			.....			
.....2.....	.....6195-6206.. 6168-6186.....			A/3000 gals. 75 Quality Ni-.....			
.....	.....			..7.1/2% HCl.....			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size		Set At		Packer at			
2 1/16		6185					
Date of First Production		Producing Method					
.....		Testing <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
WOPL		Oil		Gas		Water Gas-Oil Ratio Gravity	