

ORIGINAL

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

API NO. 15- 175-21743-00-00  
County SEWARD  
W/2 - NE - SE Sec. 7 Twp. 35 Rge. 33 X W

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: NA-WOPL & PROD EQUIP

Operator Contact Person: DAVID W. KAPPLF

Phone (316) 624-6253

Contractor: Name: BIG "A" DRILLING

License: 31572

Wellsite Geologist: 12-10-98

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: KCC

Operator: DEC 08 1998

Well Name: CONFIDENTIAL

Comp. Date 8-12-98 Old Total Depth 8-23-98

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBT  
 Commingled  Docket No.                       
 Dual Completion  Docket No.                       
 Other (SWD or Inj?)  Docket No.                     

Spud Date 8-12-98 Date Reached TD 8-23-98 Completion Date 10-2-98

2310 Feet from X (S) (circle one) Line of Section

660 Feet from (E) X (circle one) Line of Section

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

Lease Name LEMERT "C" Well # 1

Field Name WILDCAT

Producing Formation CHESTER

Elevation: Ground 2853.0 KB                     

Total Depth 6950 PBTD 6620

Amount of Surface Pipe Set and Cemented at 1612 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 AH 1, 2-2-99 U.C.  
(Data must be collected from the Reserve Pit)

Chloride content 1300 ppm Fluid volume 700 bbls

Dewatering method used DRY, BACKFILL & RESTORE LOCATION.

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 L. Marc Harvey  
Title DRILLING TECHNICAL ASSISTANT Date 12-7-98

Subscribed and sworn to before me this 7th. day of December 19 98.

Notary Public Freda L. Hinz

Date Commission Expires                     

**FREDA L. HINZ**  
Notary Public - State of Kansas  
My Appt. Expires 5-15-99

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  
(Specify)  
**RELEASED**  
DEC 08 2000

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name LEMERT "C" Well # 1

Sec. 7 Twp. 35 Rge. 33  East  West County SEWARD

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 (Attach Additional Sheets.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run (Submit Copy.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No List All E.Logs Run: SBT-CCL-GR, DIL, CNL-LDT-ML, 3 ARM SONIC.	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample Name <u>COUNCIL GROVE</u> Top Datum CHASE 2627 COUNCIL GROVE 3008 HEEBNER 4353 TORONTO 4386 LANSING 4517 MARMATON 5240 CHEROKEE 5570 ATOKA 5726 MORROW 5907 CHESTER 6214 ST. LOUIS 6679 SPERGEN 6859
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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"	23.0	1612	P+ MIDCON 2/ PREM PLUS	325/100	3%CC, 1/4#SK FLC/ 2%CC, 1/4#SK FLC.
PRODUCTION	7-7/8"	5-1/2"	15.5	6881	50/50 POZ	145	.75% HALAD 322, 10% SALT, 1/4#SK FLC.

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing	6703-6712	CLASS H PREM	50	0.5% HALAD 9.
<input type="checkbox"/> Plug Back TD				
<input checked="" type="checkbox"/> Plug Off Zone	6660-6674	CLASS H PREM	50	0.5% HALAD 9.

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
4	6703-6712. SQUEEZED.		ACID: 1000 GAL 15% HCL.	6703-6712
1/1.5	6660-6674. SQUEEZED.		ACID: 700 GAL 7 1/2% HCL.	6660-6674
2	6626-6638. CIBP @ 6622.		ACID: 600 GAL 7 1/2% HCL.	6626-6638
4	6588-6606.		FRAC: 26130 GAL FOAMED GEL & 68500# 20/40 SD.	6588-6606
TUBING RECORD	Size 2 3/8"	Set At 6565	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. WOPL & PRD EQUIP Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24-Hours	Oil 233 Bbls.	Gas TWTM Mcf	Water 199 Bbls.	Gas-Oil Ratio TWTM	Gravity
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Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Conmingled  Other (Specify) \_\_\_\_\_ Production Interval 6588-6606





**JOB SUMMARY** **CONFIDENTIAL**

TICKET #	384188	TICKET DATE	8-24-98
BDA / STATE	KS	COUNTY	SEWARD
PSL DEPARTMENT	ZONAL ISOLATION		
CUSTOMER REP / PHONE	STEVE RIDENOUR		
API / UWI #			
JOB PURPOSE CODE	Q35	KCC	

REGION	North America	NWA/COUNTRY	Mid CONTINENT
MBU ID / EMP #	LT104 62573	EMPLOYEE NAME	JOHN WOODROW
LOCATION	LIBERAL KS	COMPANY	ANADARCO PETROLEUM
TICKET AMOUNT	\$ 8957.25	WELL TYPE	01
WELL LOCATION	LIBERAL	DEPARTMENT	CEMENT
LEASE / WELL #	LEMERT C-1	SEC / TWP / RNG	7-35S-334

HES EMP NAME/EMP#/(EXPOSURE HOURS)   HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)   HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)   HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)   HRS
J. Woodrow 62573			
G. HUMPHRIES 49692			
R. HUMPHRIES 76170			

ORIGINAL

CONFIDENTIAL

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
54218 / 76900	2						
2827 / 75237	32						

Form Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Form Thickness \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At \_\_\_\_\_  
 Bottom Hole Temp. \_\_\_\_\_ Pressure \_\_\_\_\_  
 Misc. Data \_\_\_\_\_ Total Depth \_\_\_\_\_

	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE	8-23-98	8-23-98	8-24-98	8-24-98
TIME	1530	1845		0400

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY	MAKE
Float Collar JUSPEI 5/8	1	H
Float Shoe		
Guide Shoe RTG 5/8	1	O
Centralizers S-41 5/8	9	
Bottom Plug		W
Top Plug S-6W 5/8	1	
Head p/c 5/8	1	C
Packer		
Other		O

**WELL DATA**

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	15.5	5 1/2	KB	68%	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole						SHOTS/FT.
Perforations						
Perforations						
Perforations						

**MATERIALS**

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perpac Balls	Qty.	
Other		
Other		
Other		
Other		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				<p style="text-align: center;">RECEIVED</p> <p style="text-align: center;">SEP 10 1998</p> <p style="text-align: center;">CONSERVATION DIVISION</p>
<b>TOTAL</b>		<b>TOTAL</b>		

**HYDRAULIC HORSEPOWER**  
 Avail. \_\_\_\_\_ Used \_\_\_\_\_

**AVERAGE RATES IN BPM**  
 Disp. \_\_\_\_\_ Overall \_\_\_\_\_

**CEMENT LEFT IN PIPE**  
 Reason SLOT JOINT

**CEMENT DATA** **RELEASED**

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	145	PERM 50/50 PER	B	.75% HALAD-322, 10% SALT, 10% FIOSELE	1.28	14.4

DEC 08 2000

FROM CONFIDENTIAL

Circulating	Displacement	Preflush:	Gal - (BB) 10	Type	SLOT FISH
Breakdown	Maximum	Load & Bkdn:	Gal - BB	Pad:	BB - Gal
Average	Frac Gradient	Treatment	Gal - BB	Disp:	(BB) Gal 163
Shut In: Instant	5 Min _____ 15 Min _____	Cement Slurr	Gal - (BB) 33		
		Total Volume	Gal - BB		

Frac Ring #1 \_\_\_\_\_ Frac Ring #2 \_\_\_\_\_ Frac Ring #3 \_\_\_\_\_ Frac Ring #4 \_\_\_\_\_

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER'S REPRESENTATIVE SIGNATURE  
Steve Ridenour



