

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION 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: NONE-D&A

Operator Contact Person: DAVID W. KAPPL

Phone (316) 624-6253

Contractor: Name: BIG "A" DRILLING

License: 31572

Wellsite Geologist: _____

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

6-2-98 6-11-98 6-14-98
Spud Date Date Reached TD Completion Date

API NO. 15- 175-21734-0000

County SEWARDS

 - - NW - SE Sec. 21 Twp. 32 Rge. 32 E
 X W

1980 Feet from X/S (circle one) Line of Section

1980 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 H.V. LAMBERT "C" Well # 1

Field Name FEDDER

Producing Formation NONE

Elevation: Ground 2823.9 KB _____

Total Depth 6100 PBTD 0

Amount of Surface Pipe Set and Cemented at 1658 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 ACT 1 9-14-98
(Data must be collected from the Reserve Pit) DP 23

Chloride content 1100 ppm Fluid volume 700 bbls

Dewatering method used DRY, BACKFILL & RESTORE LOCATION.

Location of fluid disposal if hauled offsite:

KCC

Operator Name _____

Lease Name AUG 14 License No. _____

 Sec. Twp. S Rng. E/W

County _____ Docket No. _____

CONFIDENTIAL

STATE CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WICHITA, KANSAS
FILED 97 15
8-17-98

STATE CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WICHITA, KANSAS

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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
L. MARC HARVEY

Title DRILLING TECHNICAL ASSISTANT Date 8-14-98

Subscribed and sworn to before me this 14th day of August 19 98.

Notary Public Shirley J Childers

Date Commission Expires _____

NOTARY PUBLIC - State of Kansas
SHIRLEY J. CHILDERS
My Appt. Exp. 11/14/98

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
RELEASED
Distribution
 KCC SWD/Rep NGPA
 KCS Plug Other
MAY 08 2001
(Specify)

FROM CONFIDENTIAL

ORIGINAL

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name HJV LAMBERT "C" Well # 1

Sec. 21 Twp. 32 Rge. 32 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 Yes No
(Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

List All E.Logs Run: DIL, ML, MSFL, CNL-LDT.

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
B/STONE CORRAL	1692	
CHASE	2596	
COUNCIL GROVE	2932	
B/HEEBNER	4241	
LANSING	4350	
MARMATON	4975	
CHEROKEE	5218	
MORROW	5519	
CHESTER	5634	
STE. GENEVIEVE	5838	
ST. LOUIS	5904	

CASING RECORD

New 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	1658	P+ MIDCON 2/ P+	390/100	3%CC, 1/2%SK FLC/ 2%CC, 1/2%SK FLC.

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
___ Perforate					
___ Protect Casing					
___ Plug Back TD					
___ Plug Off Zone					

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	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

Disposition of Gas: 100% 8 0 YAM METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled

(If vented, submit ACO-18.) Other (Specify) NONE-D&A

ORIGINAL

TRILOBITE TESTING L.L.C.

15-175-21734

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

CONFIDENTIAL

No 10297

Well Name & No. HJU Lambert 'C' #1 Test No. 1 Date 6-12-98
 Company Anadarko Petroleum Corporation Zone Tested Morrow
 Address P.O. Box 351 Liberal, Ks 67905-0351 Elevation 2833 KB 2823 GL
 Co. Rep / Geo. Steve Ridenour Cont. Big A Dalg Est. Ft. of Pay - Por. - %
 Location: Sec. 21 Twp. 32^s Rge. 32^w Co. Seaward State Ks
 No. of Copies _____ Distribution Sheet (Y, N) N Turnkey (Y, N) N Evaluation (Y, N) N

Interval Tested 5400-5640 Initial Str Wt./Lbs. 10000 Unseated Str Wt./Lbs. 112000
 Anchor Length 145 Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 170000
 Top Packer Depth 5400-5495 Tool Weight 2900
 Bottom Packer Depth 5640 Hole Size 7 7/8" yes Rubber Size 6 3/4" yes
 Total Depth 6100 Wt. Pipe Run - Drill Collar Run 710
 Mud Wt. 9.1 LCM 4 Vis. 55 WL 8.8 Drill Pipe Size 4 1/2 XH Ft. Run 4748
 Blow Description _____

IFP - WEAK building to a STRONG Blow in 3 min
FFP - WEAK building to a STRONG Blow in 13 min

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP	%gas	%oil	%water	%mud
<u>190</u>	<u>Mud</u>	<u>190</u>					
Rec. _____	Feet Of _____						
Rec. _____	Feet Of _____						
Rec. _____	Feet Of _____						
Rec. _____	Feet Of _____						

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BHT 123 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 1500 ppm System

(A) Initial Hydrostatic Mud	<u>2670</u>	<u>2672</u>	PSI	Recorder No. <u>3027</u>	T-Started <u>1545</u>
(B) First Initial Flow Pressure	<u>132</u>	<u>124</u>	PSI	(depth) <u>5630</u>	T-Open <u>1820</u>
(C) First Final Flow Pressure	<u>172</u>	<u>124</u>	PSI	Recorder No. <u>10270</u>	T-Pulled <u>2250</u>
(D) Initial Shut-in Pressure	<u>574</u>	<u>489</u>	PSI	(depth) <u>5504</u>	T-Out _____
(E) Second Initial Flow Pressure	<u>279</u>	<u>156</u>	PSI	Recorder No. <u>11085</u>	
(F) Second Final Flow Pressure	<u>233</u>	<u>177</u>	PSI	(depth) <u>5660</u>	
(G) Final Shut-in Pressure	<u>781</u>	<u>697</u>	PSI	Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/>
(H) Final Hydrostatic Mud	<u>2670</u>	<u>2599</u>	PSI	Initial Shut-in <u>60</u>	Jars <input checked="" type="checkbox"/>
	<u>Alpine</u>	<u>AK-1</u>		Final Flow <u>60</u>	Safety Joint <input checked="" type="checkbox"/>
				Final Shut-in <u>120</u>	Straddle <input checked="" type="checkbox"/>
				<u>onloc 1300</u>	Circ. Sub _____
				<u>offloc 0500</u>	Sampler <input checked="" type="checkbox"/>
					Extra Packer <input checked="" type="checkbox"/>
					Elect. Rec. <input checked="" type="checkbox"/>
					Other _____

RELEASED

MAY 0.8 2001

FROM CONFIDENTIAL

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Steve Ridenour

ORIGINAL

CONFIDENTIAL

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 10297 Date 6-12-98
 Company Name Anadarko Petroleum Corporation
 Lease HJU Lambert "C"-1 Test No. 1
 County Seward Sec. 21 Twp. 32^s Rng. 32^w

CONSERVATION DIVISION
Wichita, Kansas

7/16/98

RECEIVED

SAMPLER RECOVERY

Gas — ML
 Oil — ML
 Mud 3000 ML
 Water — ML
 Other — ML
 Pressure 200 PSI
 Total 3000 ML

PIT MUD ANALYSIS

Chlorides 1500 ppm.
 Resistivity 1.7 ohms @ 70 F
 Viscosity 55
 Mud Weight 9.1 KCC
 Filtrate 8.8
 Other 4# LCM
 AUG 14

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SAMPLER ANALYSIS

Resistivity 1.7 ohms @ 70 F
 Chlorides 1600 ppm.
 Gravity — corrected @ 60 F

PIPE RECOVERY

TOP
 Resistivity _____ ohms @ _____ F
 Chlorides _____ ppm.
 MIDDLE
 Resistivity _____ ohms @ _____ F
 Chlorides _____ ppm.
 BOTTOM
 Resistivity _____ ohms @ _____ F
 Chlorides _____ ppm.

RELEASED
 MAY 08 2001
 FROM CONFIDENTIAL

TICKET #	382865	TICKET DATE	6-3-98
BDA / STATE	Kansas	COUNTY	Seward
PSL DEPARTMENT	21	CUSTOMER REP / PHONE	IKE
API / UWI #	15-175-217340000	JOB PURPOSE CODE	010

REGION	North America	NWA/COUNTRY	MidCoast USA
MBU ID / EMP #	L:0110	EMPLOYEE NAME	Nick Korbe
LOCATION	H3115 Liberal	COMPANY	Anadarko Pet Corp
TICKET AMOUNT		WELL TYPE	02
WELL LOCATION	N of Liberal	DEPARTMENT	Cement
LEASE / WELL #	H3V Lambert #1	SEC / TWP / RNG	21-32S-32W

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
N. Korbe	H3115						
S. Tate	E0568						
D. Fulk	T0673						
B. Humphries	J6070						

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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	1130							called out
	1400							on loc Held safety mtg setup Taks
	1700							rig lay down D.P.
	1800							start F.F.
	1810							Drop ball Break circ
	1922	5	0			125		Start Locent 390 sks MidCan P.P. 11.1%
	1904	6	223/0			100		" Locent 100 sks Perm P. 14.8%
	1908		24			75		end cent
	1909							rebase plug
	1910	6	0			50		start disp
	1930	2	105			375/850		Bump plug release pres float held
	1931							circ 50 sks to pit X KCC
								AUG 14
								wash up Taks rack up Taks
								Job complete
								Thank you
								Nick, Scary, Dusty, Buck

RELEASED

MAY 08 2001

FROM CONFIDENTIAL



JOB SUMMARY ORIGINAL

TICKET # **234383** TICKET DATE **6-13-98**

REGION North America	NWA/COUNTRY U.S.A.	BDA / STATE Ks	COUNTY SEWARD
MPU ID / EMP # LT0105 P-4360	EMPLOYEE NAME ROBERT ELWOOD	PSL DEPARTMENT 5001	
LOCATION LIBERAL KANSAS	COMPANY NNORRKO PET. CORP.	CUSTOMER REP / PHONE STEVE REEDMAN	
TICKET AMOUNT 6384.48	WELL TYPE 01	API / UWI # 15-175-21734	
WELL LOCATION LIBERAL KANSAS	DEPARTMENT 5001	JOB PURPOSE CODE 115	CONFIDENTIAL
LEASE / WELL # H.S.V. LAMBERT C #1	SEC / TWP / RNG R1 - 32 S. - 34 W.		

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
R. ELWOOD P-4360 6.5			
S. RAZVES H.3377 6.5			
D. FULK J.0763 6.5			

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
53552-78202	22						
420041 P.U.	22						
52420-7649	50						

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

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe		
Guide Shoe		
Centralizers		
Bottom Plug		
Top Plug		
Head		
Packer		
Other		

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	In
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
6-13-98	10:15	6-13-98	6-13-98	6-13-98
			14:50	18:10

WELL DATA

NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing					
Liner					
Liner					
D.P.	U	16.26	4 1/2	K.B	3000
Tbg/D.P.					
Open Hole			7 7/8	G.L.	5900 SHOTS/FT.
Perforations					
Perforations					

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				KCC AUG 14 CONFIDENTIAL
TOTAL		TOTAL		

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	210	60/40 Pbz	B	6% Gel	1.57	13.4
				RELEASED		
				MAY 08 2001		

Circulating _____ Displacement _____ Preflush: Gal - BBI _____ Type _____
 Breakdown _____ Maximum **FROM CONFIDENTIAL** Load & Bkdn: Gal - BBI **SEE** Pad: BBI - Gal _____
 Average _____ Frac Gradient _____ Treatment Gal - BBI **Job** Disp: BBI - Gal _____
 Shut In: Instant _____ 5 Min _____ 15 Min _____ Cement Slurr Gal - BBI **105** Total Volume Gal - BBI _____

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3 _____ Frac Ring #4 _____
 THE INFORMATION STATED HEREIN IS CORRECT CUSTOMER REPRESENTATIVE SIGNATURE **Steve Reedman**

TICKET #	234383	TICKET DATE	6-13-98
REGION	North America	NWA/COUNTRY	U.S.A.
MBU ID / EMP #	L10105 D-4360	EMPLOYEE NAME	ROBERT ELWOOD
LOCATION	LIBERAL KANSAS	COMPANY	ANADARKO PET. CORP.
TICKET AMOUNT	6384.48	WELL TYPE	01
WELL LOCATION	LIBERAL KANSAS	DEPARTMENT	5001
LEASE #WELL	H2V Lambert "C" #1	SEC / TWP / RNG	21 32 S 34 W
BDA / STATE	Ks	PSL DEPARTMENT	5001
COUNTY	SEWARD	CUSTOMER REP / PHONE	STEVE REEDWORTH
		API / UWI #	15-175-21734
		JOB PURPOSE CODE	115

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
R. ELWOOD 0-4360	16.5						
S. RAINES 11337	16.5						
D. FULK 0763	16.5						

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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psl)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	1012							CALLED OUT READY 13:00
	1215							DEPART BASE
	1235							ON LOCATION Rig Circulating
	1330							LAY DOWN DRILL PIPE
	1445							SAFETY MEETING
	1445							CIRCULATE W/ RIG
	1450							SET 1ST Plug @ 3,000 FT 100 SRS
	1450	1.16	10			0		HOOK to HALLIBURTON
	1556	5.58	27.9			0		START H2O AHEAD
	1501	3.5	3.5			100		START CNT @ 13.4 #/gal
	1502	4.6	31.9			120		START H2O BEHIND
	1509					VAC		START H2O Displacement
	1516							SHUT DOWN
								LAY DOWN DRILL PIPE
	1530							SET 2ND Plug 50 SRS @ 11658'
	1551	2.5	10			0		HOOK to HALLIBURTON
	1555	4.6	13.9			75		START H2O AHEAD
	1558	1	3.5			75		START CNT @ 13.4 #/gal
	1559	4.1	16.5			100		START H2O BEHIND
	1603					VAC		START H2O Displacement
	1604							SHUT DOWN
								LAY DOWN DRILL PIPE
	1637	6	30			0		SET 3RD Plug @ 1600 FT 25 SRS
	1642	3.5	7			50		Pump H2O AHEAD
	1644	2.2	1.7			VAC		CNT @ 13.4 #/gal
	1645							Displace H2O
								SHUT DOWN
	1800		4			0		Plug SURFACE 10 SRS
	1805		4			0		Plug RAT 15 SRS
	1810		3			0		Plug Mouse 10 SRS

KCC

AUG 14

CONFIDENTIAL

RELEASED

MAY 08 2001

FROM CONFIDENTIAL

THANK YOU FOR CALLING
HALLIBURTON
ROBERT, STERLING, & DUSTY