

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

CONFIDENTIAL

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: DAVID W. KAPPLER

Phone (316) 624-6253

Contractor Name: BIG "A" DRILLING

License: 31572

Wellsite Geologist: \_\_\_\_\_

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: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SWD

Plug Back  PBTB

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

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

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

8-6-97 8-16-97 9-17-97

Spud Date Date Reached TD Completion Date

API NO. 15- 175-21651-00-00

County SEWARD

C - SW - SE Sec. 4 Twp. 34 Rge. 32 X W

660 Feet from X (circle one) Line of Section

1980 Feet from X (circle one) Line of Section

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

Lease Name ALEXANDER "C" Well # 1

Field Name CONDIT

Producing Formation MORROW

Elevation: Ground 2779.0 KB \_\_\_\_\_

Total Depth 6500 PBTB 6000

Amount of Surface Pipe Set and Cemented at 1602 Feet

Multiple Stage Cementing Collar Used?  Yes  No

Yes, show depth set \_\_\_\_\_ Feet

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

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

Drilling Fluid Management Plan ALT 1 97 6-12-98  
(Data must be collected from the Reserve Pft)

Chloride content 1100 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. \_\_\_\_\_

FROM CONFIDENTIAL

OCT 31

CONFIDENTIAL

STATE CORPORATION COMMISSION  
KANSAS  
11-3-97

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 10-31-97

Subscribed and sworn to before me this 31st day of October 19 97.

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)

SIDE TWO

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

Sec. 4 Twp. 34 Rge. 32  East County SEWARD  
 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  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: SBT-CCL-GR, DIL, CNL-LDT-ML, SONIC.

Log Formation (Top), Depth and Datums  Sample

Name	Top	Datum
CHASE	2646	
COUNCIL GROVE	2998	
HEEBNER	4359	
TORONTO	4397	
LANSING	4536	
MARMATON	5094	
CHEROKEE	5354	
MORROW	5754	
CHESTER	5924	
STE. GENEVIEVE	6257	
ST. LOUIS	6333	

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UNTIL 10-31-99

CASING RECORD							
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	1602	P+ MIDCON 2/ P+	365/100	3%CC, 1/4#SK FLC/ 2%CC, 1/4#SK FLC.
PRODUCTION	7-7/8"	5-1/2"	15.5	6363	VERSASET	160	.6% HALAD 322, 5% KCL, .9% VERSASET, 1/4#SK FLC.

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth		#Sacks Used	Type and Percent Additives
	Top	Bottom		
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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	
	2	6110-6117, 6164-6171, 6219-6232. CIBP @ 6000.		ACID: 1800 GAL 7 1/2% FeHCL.
2	5888-5910, 5918-5922.		ACID: 1800 GAL 7 1/2% FeHCL.	5888-5922 (OA)
			FRAC: 38200 GAL FOAMED GEL & 130000#	5888-5922 (OA)
			20/40 SD.	

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. 10-2-97 Producing Method:  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		1025	0		

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: 5888-5922 (OA)



JOB SUMMARY 4239-1

TICKET # 234901 TICKET DATE 8-7-97

REGION North America NWA/COUNTRY Mid Cont. BDA / STATE KS COUNTY Seward

MBU ID / EMP # 40109 / 85257 EMPLOYEE NAME John Klofik PSL DEPARTMENT Cement

LOCATION Land COMPANY Anadarko CUSTOMER REP / PHONE

TICKET AMOUNT WELL TYPE 01 API / UWI #

WELL LOCATION N.E. of Liberal KS DEPARTMENT JOB PURPOSE CODE 010

LEASE / WELL # Alexander C-1 SEC / TWP / RANG 4-34S-32W

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ORIGINAL

Table with 4 columns: HES EMP NAME/EMP#/(EXPOSURE HOURS) ;HRS. Rows include S. Koon, E. McDonald, P. David, Wayne.

Table with 4 columns: HES UNIT NUMBERS, R/T MILES. Rows include 50502-75305, 52276-7649, 420045, 52947-75496.

Form Name \_\_\_\_\_ Type: \_\_\_\_\_ Form Thickness \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

TOOLS AND ACCESSORIES table with columns: TYPE AND SIZE, QTY, MAKE. Includes Float Collar, Guide Shoe, Centralizers, etc.

MATERIALS table with columns: Name, Density, Size, Gal./Lb. Includes Treat Fluid, Disp. Fluid, Prop. Type, etc.

Table with 4 columns: DATE, TIME, CALLED OUT, ON LOCATION, JOB STARTED, JOB COMPLETED. Includes handwritten entries for 8-6-97 and 8-7-97.

WELL DATA table with columns: NEW/USED, WEIGHT, SIZE, FROM, TO, MAX ALLOW. Includes Casing, Liner, Tbg/D.P., etc.

Table with 3 columns: HOURS ON LOCATION, OPERATING HOURS, DESCRIPTION OF JOB. Includes handwritten entries for dates and hours.

Table with 2 columns: ORDERED, TREATED, FEET. Includes handwritten entry 43.18.

CEMENT DATA table with columns: STAGE, SACKS, CEMENT, BULK/SKS, ADDITIVES, YIELD, LBS/GAL. Includes handwritten entries for stages 1 and 2.

Circulating \_\_\_\_\_ Displacement \_\_\_\_\_ Preflush: Gal - BBI \_\_\_\_\_ Type \_\_\_\_\_

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

THE INFORMATION STATED HEREIN IS CORRECT CUSTOMER'S REPRESENTATIVE SIGNATURE [Handwritten Signature]

REGION North America		NWA/COUNTRY	TICKET #	TICKET DATE
MBU ID / EMP #		EMPLOYEE NAME	BDA / STATE	COUNTY
LOCATION		COMPANY	PSL DEPARTMENT	
TICKET AMOUNT		WELL TYPE	CUSTOMER REP / PHONE	
WELL LOCATION		DEPARTMENT	API / UWI #	<b>ORIGINAL</b>
LEASE / WELL #		SEC / TWP / RNG	JOB PURPOSE CODE	

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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

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
8-6-97	22:00							Call Out
8-7-97	01:00							On Location
	01:15							Rig up - & Safety Meeting
	03:17							Run Lost Equipment
	04:30							Drop Ball
	01:50							Circulate w/ rig
	05:27	6.5	209.32			150		Hook-up Halliburton
	05:59	6.5	23.50			99		Mike Pump Lead Cmt @ 11.1
	06:10							" Tail Cmt @ 14.8
	06:11		100.93			was 225 325 510		Shut Down / Drop Plug
	06:28							Start D. placement
	06:29							Land Plug
	06:30							Release Back / Plug Held
								End Job

OCT 31

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Thank You  
Shane - Eddie - David - Wayne

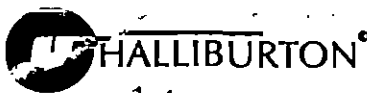
John

RECEIVED

OCT 06 2000

FROM: CONFIDENTIAL

STATISTICAL  
NEW  
DATE 10/10/00



**JOB SUMMARY** 4239-1

TICKET #	234677	TICKET DATE	8-17-97
BDA / STATE	Ks	COUNTY	Seaworth
PSL DEPARTMENT	5001	<b>ORIGINAL</b>	
CUSTOMER REF / PHONE			
API / UWI #		JOB PURPOSE CODE	035 5/8 Prod String

REGION	North America	NWA/COUNTRY	
MBU ID / EMP #	Li0162	EMPLOYEE NAME	59179 Dennis Carter
LOCATION	25540 Liberal Ks	COMPANY	Alexandria Co Retiro
TICKET AMOUNT		WELL TYPE	01
WELL LOCATION	AJE of Liberal Ks	DEPARTMENT	5001
LEASE / WELL #	S-1 Alexandria	SEC / TWP / RNG	4 / 34 S 32 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
Davis 59179	L Pateron #8710		
Clay 09259			

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HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
420041		4115-75237	39				
53552-78202							

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

DATE TIME	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
8-17-97 1130		8-17-97 1345	8-17-97 2105	8-17-97 2300

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY	MAKE
Float Collar <i>Insert</i>	1	<i>Hauss</i>
Float Shoe <i>HT</i>	1	
Guide Shoe <i>HT</i>	1	
Centralizers	15	
Bottom Plug		
Top Plug		
Head	1	
Packer		
Other		

**WELL DATA**

NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	15.5	5 1/2	KB	6379	
Liner					
Liner					
Tbg/D.P.					
Tbg/D.P.					
Open Hole		7 7/8		6500	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 _____		
Perfpac Balls _____ Qty. _____		
Other _____		
Other _____		
Other _____		
Other _____		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				5/8 Prod String
<b>TOTAL</b>		<b>TOTAL</b>		

HYDRAULIC HORSEPOWER: Avail. \_\_\_\_\_ Used \_\_\_\_\_

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

CEMENT LEFT IN PIPE: Reason *Shoe Joint*

FROM CO. IN FILE REF. 4510

**CEMENT DATA**

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	160	Versot	Prum	4/16 90 Haled 322 3% KCL 9% Versot 1/4" # Flock	1.117	141.5
	2.5	Prum		19g RAT = Mouse Hole	1.18	156

Circulating _____ Displacement _____	Preflush: Gal - BBI _____ 10	Type _____ <i>Super Fluid</i>
Breakdown _____ Maximum _____	Load & Bkdn: Gal - BBI _____	Pad: BBI - Gal _____
Average _____ Frac Gradient _____	Treatment Gal - BBI _____	Disp: BBI - Gal _____ 150.3
Shut In: Instant _____ 5 Min _____ 15 Min _____	Cement Slurr Gal - BBI _____ 140.46	Total Volume Gal - BBI _____

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

**THE INFORMATION STATED HEREIN IS CORRECT**

CUSTOMER'S REPRESENTATIVE SIGNATURE: *Dennis Carter*



JOB LOG 4239-5

TICKET #	234677	TICKET DATE	8-17-97
BDA / STATE	Ks	COUNTY	Sevier

REGION - North America	NWA/COUNTRY	BDA / STATE	Ks	COUNTY	Sevier
MBU ID / EMP #	Li0102	EMPLOYEE NAME	59179 Dennis Corie	PSL DEPARTMENT	5001
LOCATION	23540 Liberal Ks	COMPANY	Amador Co Petro.	CUSTOMER REP / PHONE	
TICKET AMOUNT		WELL TYPE	01	API / UWI #	
WELL LOCATION	N/E of Liberal Ks	DEPARTMENT	5001	JOB PURPOSE CODE	035 5 1/2 Prod Stang.
LEASE / WELL	C-1 Alexander	SEC / TWP / RANG	4 / 34 S 32 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
L. Corie 59179	L. Alexander 11925		

ORIGINAL

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	1130							Time Called
	1530							Time Ready
	1345							Time on loc.
	1745							START Ring Casings -
	2105							Casings in Hole
	2105							Hookup to Create Casings
	2112							Check the casing w/ pump
	2114							Check the hole to check levels
	2145							Conn. reliable 15 <sup>th</sup> Measure #1 10 <sup>th</sup> sec.
	2200							Hookup to Pump Truck
	2205	5	8			1		Start Water Almond
	2207		10					Start Super. Plug
	2209		8					Start water behind.
	2211	5 <sup>s</sup>						Start Mix Cement
	2219		40 <sup>th</sup>			200		Finish Mix Cement
	2220					200		Shut Down
	2224	6				75		Start Displacement
	2300	4.6	150.36					100% Plug Done
								Float Held, Check the fluid. Threw out clots
								Thanks For Calling
								Halliburton
								FROM CONFIDENTIAL
								Dennis Corie
								Levy

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DOT 31  
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RELEASED

1997 06 2000

Dennis Corie  
Levy