

FORM MUST BE TYPED

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

Operator Contact Person: DAVID W. KAPPLE

Phone (316) 624-6253

Contractor: Name: NORSEMAN DRILLING

License: 3779

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. _____

9-24-97 10-2-97 P&A 10-3-97

Spud Date Date Reached TD Completion Date

API NO. 15- 189-22228-00-00

County STEVENS plugged 10-2-97

- E/2 - NW - SW Sec. 34 Twp. 33 Rge. 39 E W

1980 Feet from (circle one) Line of Section

1000 Feet from (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE, SE, NW or (circle one)

Lease Name LIGHT "T" Well # 2

Field Name FETERITA

Producing Formation NONE

Elevation: Ground 3259.1 KB _____

Total Depth 5985 PBTB 0

Amount of Surface Pipe Set and Cemented at 1742 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 DFA, 4-7-98 U.C.

(Data must be collected from the Reserve Pit)

Chloride content 1000 ppm Fluid volume 700 bbls

Dewatering method used DRY, BACKFILL & RESTORE LOCATION

Location of fluid disposal if hauled offsite: 10-22-97

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.

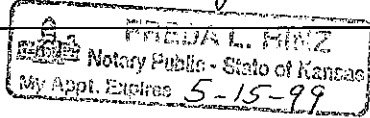
Signature L. Marc Harvey
L. MARC HARVEY

Title DRILLING TECHNICAL ASSISTANT Date 10-20-97

Subscribed and sworn to before me this 20th day of October 1997.

Notary Public Freda L. Hing

Date Commission Expires _____



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)

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name LIGHT "T" Well # 2

Sec. 34 Twp. 33 Rge. 39 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 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, CNL-LDT, ML, SONIC.

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
CHASE	2530	
COUNCIL GROVE	2860	
WABAUNSEE	3304	
TOPEKA	3498	
HEEBNER	4120	
TORONTO	4138	
LANSING	4236	
MARMATON	4910	
CHEROKEE	5166	
MORROW	5754	

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	1742	P+ MIDCON 2/ P+	425/100	3%CC, 1/4#SK FLC/ 2%CC, 1/4#SK FLC.

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Depth		Type of Cement	#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	

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. D+A Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	<u>N-A</u>				

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 _____ D&A _____

ORIGINAL

NORSEMAN DRILLING, INC.
 WICHITA, KANSAS
 DRILLERS' WELL LOG
 15-189-22228
 WELL NAME: Light T-2
 SECTION 34-33S-39W
 STEVENS COUNTY, KANSAS

RECORDED
 OCT 18 1997
 PM 10M 22 P 1:12

COMMENCED: September 23, 1997

COMPLETED: October 3, 1997

OPERATOR: ANADARKO PETROLEUM CORPORATION

Depth	From	To	Formation	Remarks
	0	1275	Sand & Redbed	Ran 42 jts of 23# of
	1276	1385	Glorietta Sand	8 5/8" csg set @ 1743'
	1386	3735	Redbed	Cemented w/425SX premium
	3736	5985	Shale	plus; Tailed w/ 100SX prem. Plus; Plug down @ 4:00 p.m.

Plug well 1st plug set @ 3000' w/100 SX; 2nd plug set @ 1770' w/50 SX; 3rd plug set @ 500' w/40 SX; 4th plug set @ 40' w/10SX; Plug mouse and rat hole; Finished at 8:30 a.m. on 10/3/97; Rig Rel. @ 10:30 a.m. on 10/3/97.

STATE OF KANSAS)
) I the undersigned, being duly sworn on oath, state that the
) above Drillers' Well Log is true and correct to the best of my
 COUNTY OF SEDGWICK) knowledge and belief and according to the records of this office.

NORSEMAN DRILLING, INC.

James P. Reilly

 JAMES P. REILLY, PRESIDENT

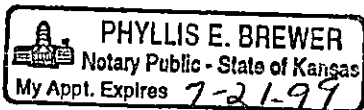
Subscribed & sworn to before me this October 8, 1997

My Appointment Expires:

July 21, 1999

Phyllis E. Brewer

 Phyllis E. Brewer, Notary Public
 11817 Jamesburg
 Wichita, KS 67212 (74)



JOB SUMMARY 4239-1

REGION North America		NWA/COUNTRY U.S.A		TICKET # 224895	TICKET DATE 9-25-97
MBU ID / EMP # 40105 D-4360		EMPLOYEE NAME Robert Elwood		BDA / STATE KANSAS	COUNTY STEVENSON
LOCATION LEASER KS		COMPANY ANADARKO		PSL DEPARTMENT 5001 CMT	CUSTOMER REP / PHONE 500620
TICKET AMOUNT		WELL TYPE 02		API / UWI # 189-222280000	
WELL LOCATION KTAARVA KS		DEPARTMENT 5001 CMT		JOB PURPOSE CODE 035 010	
LEASE / WELL # LEASER T-2		SEC / TWP / RNG 34 33 S 30 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
S. GRANT 11:45			
D. CORFENBERG 11:44			
S. ORESTS 13:10			

ORIGINAL

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
38240 P.D.	91						
52937 7131	91						
4115 75212	13						
4037-5742	13						

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
	9-25-97 09:30	9-25-97 11:30	9-25-97 14:53	9-25-97 15:53

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe <i>Insert w/ pin #1</i>	1	Hobas
Guide Shoe		
Centralizers	4	
Bottom Plug		
Top Plug		
Head	1	
Packer	1	
Other		

WELL DATA

NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	23	9 5/8	H.B	1755	
Liner					
Liner					
Tbg/D.P.					
Tbg/D.P.					
Open Hole			1844	5.2	1746 SHOTS/FT.
Perforations					
Perforations					
Perforations					

MATERIALS

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

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
TOTAL		TOTAL		

HYDRAULIC HORSEPOWER
 ORDERED Avail. Used:
 TREATED AVERAGE RATES IN BPM
 Disp. Overall
 FEET CEMENT LEFT IN PIPE
 Reason

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	425	P+Mason	A	3% C.C., 11 #/in. flocc	3.20	11.1
	100	Pracm Pac	B	2% C.C., 14 #/in. flocc	1.54	14.8

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



JOB LOG 4239-5

TICKET # 234025	TICKET DATE 9.25.12
BDA / STATE KANSAS	COUNTY SENECA
PSL DEPARTMENT	CUSTOMER REP / PHONE
API / UWI # 199-222220000	JOB PURPOSE CODE 075 010

REGION North America	NWA/COUNTRY U.S.A
MBU ID / EMP #	EMPLOYEE NAME
LOCATION Ingot No	COMPANY HALLIBURTON
TICKET AMOUNT	WELL TYPE 02
WELL LOCATION	DEPARTMENT SP1 CONT
LEASE / WELL # 1 LEAS T. 2	SEC / TWP / RNG 31 22 E 22 N

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
...

ORIGINAL

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	0930							CALLER OUT READY 11:30
	1130							ON LOS RIG DRIP.
	1150							T.O.O. H.
	1330							START CSG
	1425							CSG ON BOTTOM
	1432							CIRC WITH PIG
	1453							HEAD TO HALLIBURTON
	1451	7	243			100		START LEAD CONT @ 11.1 #/gal
	1525	7	23.5			100		START TAIL CONT @ 14.7 #/gal
	1539					UNC		SHOT DOWN
	1539					UNC		DEEP PLUG
	1530	5.8	99.6			UNC		START DISPLACEMENT WASH TANK
	1547	2	10			300		SLOW RATE
	1552					350		PLUG DOWN
	1553					0		RELEASE BACK FLOAT HOLDING

Cont. Checked to P.T. ✓
 BATS 55
 SRS 91

THANK YOU FOR CALLING
 HALLIBURTON
 ROBERT S. CAW



JOB SUMMARY 4239-1

TICKET # 234913	TICKET DATE 10-3-97
BDA / STATE KS	COUNTY Stevens
PSL DEPARTMENT Cement	
CUSTOMER REP / PHONE	
API / UWI #	
JOB PURPOSE CODE 115	

REGION North America	NWA/COUNTRY Mid Continent
MBU ID / EMP # KT0101 E3601	EMPLOYEE NAME D. Mc Lane
LOCATION Liberal	COMPANY Anadarko Petroleum
TICKET AMOUNT	WELL TYPE 32
WELL LOCATION Land	DEPARTMENT Cement
LEASE / WELL # Light T-2	SEC / TWP / RNG 34 33S 39W

ORIGINAL

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
E. McDonald 49285			
D. Carpening 42441			

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
420045	90						
52997-75496	90						
4115-75817	26						

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. _____
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 _____	Qty. _____
Perfpac Balls _____	Qty. _____	
Other		
Other		
Other		
Other		

DATE	TIME	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
10-3-97	0020	10-3-97	0230	10-3-97	0540
					0836

WELL DATA

NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing					
Liner					
Tbg/D.P.	U	16.6	4 1/2	KB	3038
Open Hole					SHOTS/FT.
Perforations					
Perforations					
Perforations					

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				See Job Log
TOTAL		TOTAL		

HYDRAULIC HORSEPOWER
 ORDERED _____ Avail. _____ Used _____
AVERAGE RATES IN BPM
 TREATED _____ Disp. _____ Overall _____
CEMENT LEFT IN PIPE
 FEET _____ Reason _____

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	225	60/10 P62	15	6% Gel	115	13.0

Circulating _____	Displacement _____	Preflush: Gal - BBI _____	Type _____
Breakdown _____	Maximum _____	Load & Bkdn: Gal - BBI _____	Pad: BBI - Gal _____
Average _____	Frac Gradient _____	Treatment Gal - BBI _____	Disp: BBI - Gal _____
Shut in: Instant _____	5 Min _____ 15 Min _____	Cement Slurr Gal _____	
		Total Volume Gal - BBI 60	



JOB LOG 4239-5

TICKET #	TICKET DATE
234117	11-17
BDA / STATE	COUNTY
KS	Stearns
PSL DEPARTMENT	
Cement	
CUSTOMER REP / PHONE	
API / UWI #	
JOB PURPOSE CODE	
115	

REGION	NWA/COUNTRY
North America	Mid East
MBU ID / EMP #	EMPLOYEE NAME
173111 67211	D. Kane
LOCATION	COMPANY
1111	Halliburton Petroleum
TICKET AMOUNT	WELL TYPE
	02
WELL LOCATION	DEPARTMENT
1111	Cement
LEASE / WELL #	SEC7 TWP / RNG
1111 T. 2	34 33S 3911

ORIGINAL

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
D. Kane 117311							
D. Kane 117311							

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psl)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	0620							Job Ready Now
	0620							Called for 305
	0130							on location Rig running in P.P set up pump truck Rig Laying Down D.P to 3038
								Job Procedure Sic Plug @ 3038
	0540	6	10	✓		0/100		Start Fresh water
	0542	6	26.5	✓		100		Start Cement @ 13#/gal
	0546	6	3.5	✓		100		Start Fresh water
	0547	6	32.5	✓		100		Start mud Displacement
	0548					0		Shut Down
	0550							Knock Losse / Pull D.P to 1785'
								Pull Dry
								2nd Plug @ 1785'
	0630	6	10	✓		0/90		start fresh water
	0632	6	13	✓		90		Start Cement @ 13#/gal
	0635	6	3.5	✓		90		Start Fresh water
	0636	6	18.5	✓		90		Start mud Displacement
	0639					0		Shut Down
	0641							Knock Losse / Pull D.P to 501'
								Pull Dry
								3rd Plug @ 501'
	0715	6	4.0	✓		0/90		Circulate hole with water
	0723	6	10.5	✓		0/50		Start Cement @ 13#/gal
	0728		4	✓				Start Fresh water Displacement
	0729							Shut Down
	0731							Knock Losse / Pull D.P to 40'
								Pull Dry
								40' Plug
	0830	6	3.0	✓		0		Circulate hole with water
	0833	6	3.6	✓		0		Start Cement @ 13#/gal
	0834					0		Shut Down / Knock Losse
	0836		6.5	✓		0	0	Plug RH & MH

Thank You For Calling Halliburton
Danny & Crew