

FORM MUST BE TYPED

SIDE ONE

ORIGINAL

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: ANADARKO ENERGY SERVICES

Operator Contact Person: DAVID W. KAPPLF

Phone (316) 624-6253

Contractor: Name: CHEYENNE DRILLING

License: 5382

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. \_\_\_\_\_

4-14-97 4-2-97 5-1-97  
Spud Date Date Reached TD Completion Date

API NO. 15- 189-22149-00-00

County STEVENS

C - NW - NW Sec. 25 Twp. 33 Rge. 35 X W

660 Feet from X (circle one) Line of Section

660 Feet from X (circle one) Line of Section

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

Lease Name MYRICK "A" Well # 2

Field Name SHUCK

Producing Formation MORROW

Elevation: Ground 2974.8 KB \_\_\_\_\_

Total Depth 6550 PBTB 6100

Amount of Surface Pipe Set and Cemented at 1708 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set 3245 Feet

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

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

Drilling Fluid Management Plan Alt. 1 3-16-98 v.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: \_\_\_\_\_

Operator Name 7-18-97

Lease Name \_\_\_\_\_ License No: \_\_\_\_\_

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

County \_\_\_\_\_ Docket No. 57

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 7-15-97

Subscribed and sworn to before me this 15<sup>th</sup> day of July 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)

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name MYRICK "A" Well # 2

Sec. 25 Twp. 33 Rge. 35  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: SBT-CCL-GR, DIL, ML, CNL-LDT, SONIC.

Name	Top	Datum
CHASE	2647	
COUNCIL GROVE	2971	
HEEBNER	4256	
TORONTO	4295	
LANSING	4387	
MARMATON	5097	
CHEROKEE	5330	
MORROW	5746	
CHESTER	6066	
STE. GENEVIEVE	6368	
ST. LOUIS	6434	

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	1708	P+ MIDCON 2/ P+	325/100	3%CC, 1/4#SK FLC/ 2%CC, 1/4#SK FLC.
PRODUCTION	7-7/8"	5-1/2"	15.5	6530	VERSASET	130	.6% HALAD 322, 5% KCL, .9% VERSASET, 1/4#SK FLC.
			F.O. TOOL @	3245	P+ MIDCON 2	60	3%CC, 1/4#SK FLC.

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	
	3	6336-6349, CIBP @ 6320.		ACID: 650 GAL 7 1/2% FeHCL.
3	6253-6265, CIBP @ 6100.		ACID: 600 GAL 7 1/2% FeHCL.	6253-6265
3	6048-6056, 6014-6020.		ACID: 700 GAL 7 1/2% FeHCL. FRAC: 49500 GAL GLD KCL WTR & 147000# 16/30 SD.	6014-6056 (OA) 6014-6056 (OA)

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
5-12-97	<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 Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		897M	9		

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: 6014-6056 (OA)

ORIGINAL

ANADARKO PETROLEUM CORPORATION  
MYRICK A-2  
SECTION 25-T33S-R35W  
SEWARD COUNTY, KANSAS

15-189-22149

COMMENCED: 03-24-97  
COMPLETED: 04-04-97

SURFACE CASING: 1707 OF 8 5/8" CMTD  
W/325 SKS PREMIUM PLUS MIDCON + 3% CC  
+ 1/4 #/SK FLOCELE. TAILED IN W/100 SKS  
PREMIUM PLUS + 2% CC + 1/4 #/SK FLOCELE.

FORMATION	DEPTH
SURFACE HOLE	0 - 1708
RED BED	1708 - 1730
RED BED & SHALE	1730 - 2185
LIMESTONE & SHALE	2185 - 6550 RTD

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.



WRAY VALENTINE

STATE OF KANSAS : ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 4TH DAY OF APRIL, 1997.

JOLENE K. RUSSELL

  
NOTARY PUBLIC

RECEIVED  
KANSAS STATE COMMISSION  
1997 JUL 18 P 12:53



TICKET # **185242**      TICKET DATE **3-26-97**

REGION <b>North America</b>	NWA/COUNTRY <b>USA</b>	BDA / STATE <b>K.S.</b>	COUNTY <b>STEVENS.</b>
MBU ID / EMP # <b>L10103 F4550</b>	EMPLOYEE NAME <b>Tyce Davis</b>	PSL DEPARTMENT <b>CMT</b>	
LOCATION <b>Liberat</b>	COMPANY <b>Anadarko.</b>	CUSTOMER REP / PHONE <b>Jim Bartow J. Schilling</b>	
TICKET AMOUNT	WELL TYPE <b>02</b>	API / UWI #	
WELL LOCATION <b>Land.</b>	DEPARTMENT <b>CMT</b>	JOB PURPOSE CODE <b>010 8 5/8 S.P.</b>	
LEASE / WELL # <b>Myrick.</b>	SEC / TWP / RNG <b>25-33s-35W</b>		

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 H4639			
T. Weiland J0033			
C. Woods E0783			

## 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
52947-75496	44						
51984-77031	32						
4461-6611	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	3-26-97	3-26-97	3-26-97	3-26-97
TIME	0115	0245	0725	0830

#### TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar <b>1 3/4" 8 1/2"</b>	1	H
-Float-Shoe <b>Filler</b>	1	
Guide Shoe <b>1 1/2"</b>	1	O
Centralizers <b>54</b>	4	
Bottom Plug		W
Top Plug <b>5W</b>	1	
Head <b>P.C.</b>	1	L
Packer		
Other <b>Basket</b>	1	O

#### WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	PV.	23	8 7/8	10E	1720	
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	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
3-26-97	6 1/2	3-26-97	1 hr 10 min	CMT 8 5/8 S.P.
TOTAL		TOTAL		

ORDERED \_\_\_\_\_      HYDRAULIC HORSEPOWER  
 Avail. \_\_\_\_\_ Used \_\_\_\_\_  
 TREATED \_\_\_\_\_      AVERAGE RATES IN BPM  
 Disp. \_\_\_\_\_ Overall \_\_\_\_\_  
 FEET **45**      CEMENT LEFT IN PIPE  
 Reason **Shoe String**

#### CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
1	325	P+MC	B	370cc 1/4" #F10	3.22	11.1
1	100	PI	B	290cc 1/4" #F10	1.32	14.2

Circulating _____	Displacement _____	Preflush: _____	Gal - BBI _____	Type _____
Breakdown _____	Maximum _____	Load & Bkdn: _____	Gal - BBI _____	Pad: BBI - Gal _____
Average _____	Frac Gradient _____	Treatment _____	Gal - BBI _____	Disp: BBI - Gal <b>107.2</b>
Shut In: Instant _____	5 Min _____ 15 Min _____	Cement Slurr _____	Gal - BBI <b>156 L.L.</b>	<b>27.5 P.P.</b>
		Total Volume _____	Gal - BBI _____	

North America	NW/COUNTRY	BOA / STATE	COUNTY
EMP #	EMPLOYEE NAME	PSL DEPARTMENT	
LOCATION	COMPANY	CUSTOMER REP / PHONE	J. Schilling
TICKET AMOUNT	WELL TYPE	API / UWI #	
WELL LOCATION	DEPARTMENT	JOB PURPOSE CODE	ORIGINAL
LEASE / WELL #	SEC / TWP / RNG		

*Murick*

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 (BBB)/(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	0115							Called out for job.
	0245							on loc. rig #18
	0435							start SB-OP.
	0535							out of hole w/d.p. rig up casers.
	0605							start 8 5/8 CSG & F.E.
	0700							CSG on bottom hook up 8 5/8 P.C. & circ iron.
	0710							Brk circ. w/lig
	0712							circ to pit
	0720							Phru. circ. Hook Iron to P.F.
	0724	6.0	186		✓			120 PUMP 325sx pt ml H+ 11.1 #1891
	0753	6.0	23.5		✓			130 pump 100sx pt at 14.8 #1891
	0757	0	23.5		✓			shut down prop plug
	0758	6.0	107.2		✓			80 pump 0150?
	0813	2.0	107.2		✓			250-20 bbls in - cmf to surf.
	0817	2.0	107.2		✓			87 bbls in s10 rate
	0817	1.0	107.2		✓			300 97 bbls in s10 rate.
	0823	1.0	107.2		✓			350/680 Land plug.
	0824	0	107.2		✓			680 Reopse float -
	0830		107.2		✓			Job over
								Thanks for calling Tyce Sem & crew

20 bbls cmf to pit  
3.55x cmf to pit

11.1 #1891  
 14.8 #1891  
 11.1 #1891  
 14.8 #1891



**JOB SUMMARY** 4239-1

TICKET # <b>185249</b>	TICKET DATE <b>4-4-97</b>
BDA / STATE <b>KS</b>	COUNTY <b>Stevens</b>
PSL DEPARTMENT <b>Cmt</b>	
CUSTOMER REP / PHONE <b>Shilling</b>	
API / UWI #	
JOB PURPOSE CODE <b>035</b>	

**ORIGINAL**

REGION <b>North America</b>	NWA/COUNTRY <b>USA</b>
MBU ID / EMP # <b>L1103 G3601</b>	EMPLOYEE NAME <b>D. McHane</b>
LOCATION <b>Liberia</b>	COMPANY <b>Anadarko</b>
TICKET AMOUNT	WELL TYPE <b>01</b>
WELL LOCATION <b>hand</b>	DEPARTMENT <b>Cmt</b>
LEASE / WELL # <b>Myrick A-2</b>	SEC / TWP / RNG <b>25-33-35</b>

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
<b>T. Davis 54530</b>			
<b>S Grant H 4634</b>			
<b>S Telford H 4817</b>			

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
<b>420042</b>	<b>40</b>						
<b>52947-75496</b>	<b>40</b>						
<b>50737-75817</b>	<b>32</b>						

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

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
	<b>4-3-97</b>	<b>4-3-97</b>	<b>4-4-97</b>	<b>4-4-97</b>
TIME	<b>2:00</b>	<b>2:30</b>	<b>4:57</b>	<b>6:57</b>

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY	MAKE
Float Collar Insert 5/2	1	H
Float Shoe		
Guide Shoe Reg 5/2	1	O
Centralizers 5/2	16	
Bottom Plug		W
Top Plug 5/2	1	
Head PIC 5/2	1	C
Packer Port Collar 5/2	1	Baker
Other Basket 5/2	1	O

**WELL DATA**

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	D	15.5	5/2	KB	6538	
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 _____	
Perfpac Balls _____ Qty. _____	
Other _____	
Other _____	
Other _____	
Other _____	

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
4-3-97	1	4-4-97	1:35	see Job log
4-4-97	6.5			
<b>TOTAL</b>		<b>TOTAL</b>		

ORDERED \_\_\_\_\_ HYDRAULIC HORSEPOWER Avail. \_\_\_\_\_ Used \_\_\_\_\_  
 TREATED \_\_\_\_\_ AVERAGE RATES IN BPM Disp. \_\_\_\_\_ Overall \_\_\_\_\_  
 FEET **5** CEMENT LEFT IN PIPE Reason **Shoe Joint**

**CEMENT DATA**

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	130	Prem	B	.9% Veraset 5% KCL 410% Hlad 322	1.41	14.5
	25	Prem	B		1.18	15.6

Circulating _____ Displacement _____	Preflush: Gal (BB) <b>8-10-8</b>	Type <b>H2O 55</b>
Breakdown _____ Maximum _____	Load & Bkdn: Gal - BBI _____	Pad: BBI - Gal _____
Average _____ Frac Gradient _____	Treatment Gal - BBI _____	Disp: (BB) Gal <b>155.6</b>
Shut In: Instant _____ 5 Min _____ 15 Min _____	Cement Slurr Gal - (BB) <b>32.6</b> 5:2	
	Total Volume Gal - BBI _____	

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

# 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

CHART NO.	TIME	RATE (BPM)	VOLUME (GAL)	PUMPS		PRESS. (psig)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	2100							Called for Job
	2300							on location Rig keying down P.P Setup P.T
	2400							Job Ready
	030							Rig out of hole
	148							Start Running 5 1/2 Csg @ Start Csg.
	440							Go on Bitten
	457							Hook up P/C Circulating Iron
	541	3	3	X		0		Hold Safety Meeting
	545	3	2	X		0		Plug RIT
	553							Plug MH
	556	3	8		X	0/250		through Circulating
	559	3	10		X	250/300		Start Fresh water spacer
	601	3	8		X	300		Start Super Plug
	602	6	32.6		X	500/350		Start Fresh water spacer
	607							Start mixing Cmt @ 14.5
	608	0			X	0		through mixing Cmt
	609							Shut Down & Release Plug
	602	6	155.6		X	0/300		Wash pumps & lines
	637					635		Start Displacement
						639/1200		max PST Before Plug landed
								Plug landed Release Start
								Start held

Thank You !  
Dennis Tyce & Crew

11:00 AM  
12:00 PM  
1:00 PM  
2:00 PM  
3:00 PM  
4:00 PM  
5:00 PM  
6:00 PM  
7:00 PM  
8:00 PM  
9:00 PM  
10:00 PM  
11:00 PM

REGION <b>North America</b>	NWA/COUNTRY <b>MIN CONTINENT</b>	BDA / STATE <b>Ks</b>	COUNTY <b>STEUBENS</b>
MBU ID / EMP # <b>L10101 74604</b>	EMPLOYEE NAME <b>TIM BROADFOOT</b>	PSL DEPARTMENT <b>CEMENT</b>	
LOCATION <b>LIBERAL Ks.</b>	COMPANY <b>ANADARKO PETROLEUM CORP.</b>	CUSTOMER REP / PHONE	
TICKET AMOUNT	WELL TYPE <b>01</b>	API / UWI #	
WELL LOCATION <b>LAND</b>	DEPARTMENT <b>CEMENT</b>	JOB PURPOSE CODE <b>205-150</b>	<b>ORIGINAL</b>
LEASE / WELL # <b>MURICK A-2</b>	SEC / TWP / RNG <b>25-33S-35W</b>		

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
<b>T. BROADFOOT 74604</b>			
<b>S. GRANT 44639</b>			
<b>S. TELFORD 44817</b>			
<b>A. NEAL 50642</b>			

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
<b>38242</b>	<b>40</b>	<b>3801</b>	<b>40</b>				
<b>57947-75496</b>	<b>40</b>						
<b>57937-75505</b>	<b>17</b>						

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

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
	<b>4-15-97</b>	<b>4-15-97</b>	<b>4-15-97</b>	<b>4-15-97</b>
TIME	<b>0400</b>	<b>0700</b>	<b>0800</b>	

**TOOLS AND ACCESSORIES**

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

**WELL DATA**

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	<b>U</b>	<b>15.5</b>	<b>5 1/2</b>	<b>6.6</b>	<b>3245</b>	
Liner	<b>U</b>	<b>15.5</b>	<b>5 1/2</b>	<b>6.6</b>	<b>6420</b>	
Liner						
Tbg/D.P.	<b>U</b>	<b>4.6</b>	<b>2 3/8</b>	<b>G.L.</b>	<b>3245</b>	
Tbg/D.P.	<b>U</b>	<b>4.6</b>	<b>2 3/8</b>	<b>G.L.</b>	<b>6420</b>	
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. <b>250</b>	% <b>7 1/2</b>
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	
				UNIT Job
				WEPT WELL
<b>TOTAL</b>		<b>TOTAL</b>		

ORDERED	HYDRAULIC HORSEPOWER 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
<b>1</b>	<b>60</b>	<b>MIBCOW PREM Plus</b>	<b>B</b>	<b>3% C.C - 1/4 SK 7LOCLE</b>	<b>3.22</b>	<b>11.1</b>

Circulating _____	Displacement _____	Preflush: Gal <b>(BB)</b> <b>15</b>	Type <b>H2O</b>
Breakdown _____	Maximum _____	Load & Bkdn: Gal - <b>BB</b>	Pad: <b>BB</b> - Gal
Average _____	Frac Gradient _____	Treatment Gal - <b>BB</b>	Disp: <b>(BB)</b> - Gal <b>12</b>
Shut In: Instant _____	5 Min _____ 15 Min _____	Cement Sturr Gal <b>(BB)</b> <b>34.4</b>	
		Total Volume Gal - <b>BB</b>	



TICKET #	TICKET DATE
BDA / STATE	COUNTY
PSL DEPARTMENT	
CUSTOMER REP / PHONE	
API / UWI #	
JOB PURPOSE CODE	

ORIGINAL

REGION North America	NWA/COUNTRY
MBU ID / EMP #	EMPLOYEE NAME
LOCATION	COMPANY
TICKET AMOUNT	WELL TYPE
WELL LOCATION	DEPARTMENT
LEASE / WELL #	SEC / TWP / RNG

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. RECORD 14871			
D. NEAC 50642			

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	0740							CALLED OUT - READ 0800
	0745							ON, NOCI - WAIT ON ORDERS
	0800	1/2	2			1500		HOOK UP TO LOG. - SAFETY MEETING
	0804	0	0			900		PRESSURE TEST TOOL RELEASED OPEN UP 100L
	0807	7	15			900		GET INJECTION RATE
	0811	0	0			0	0	SHUT OFF TRX CMT
	0819	5	34.4			1500	1500	START CMT 11.1"/GAL
	0826					1500	1500	SHUT OFF PRESSURE TEST TOOL
	0830	1/2	1			1500		TEST TOOL
	0832	0	0			0	0	SHUT OFF RUN 2 JTS.
	0840	3	18			6/0	6/0	START REVERSE OUT
	0846	0	0			0	0	SHUT OFF RUN LOG TO BOTTOM TO PICKLE
	0930							ACID ON NOCI
	1012	7.4	6			1500		HOOK UP PUMP ACID
			25					DISPLACEMENT
	1019	2.7	30			0	0	SHUT OFF REVERSE ACID OUT TO
	1032					1500		HOLDING TANK.

0745  
6

THANKS FOR CALLING  
 HALLIBURTON ENERGY SERVICES  
 LIBERAL H'S.  
 HAVE A GOOD DAY  
 Job WENT WELL

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