

FORM MUST BE TYPED

SIDE ONE

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  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  PBSD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

5-27-97 6-3-97 6-25-97  
Spud Date Date Reached TD Completion Date

API NO. 15- 129-21514 -00-00

County MORTON

NE NW Sec. 19 Twp. 34 Rge. 41 X W

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

1980 Feet from X(W) (circle one) Line of Section

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

Lease Name TURNER "D" Well # 2

Field Name TALOGA NE

Producing Formation CHEROKEE

Elevation: Ground 3462.3 KB \_\_\_\_\_

Total Depth 5200 PBSD 4465

Amount of Surface Pipe Set and Cemented at 1420 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set 3260 Feet

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

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

Drilling Fluid Management Plan Att. 1, 3-4-98 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: \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

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

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

RECEIVED  
KANSAS CORPORATION COMMISSION  
1997 SEP 25 12:12 PM

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 9-24-97

Subscribed and sworn to before me this 24th day of September 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 TURNER "D" Well # 2

Sec. 19 Twp. 34 Rge. 41  East County MORTON  
 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 (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, ML, CNL-LDT, SONIC.	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <th style="width:60%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Datum</th> </tr> <tr> <td>WELLINGTON ANHY.</td> <td>1874</td> <td></td> </tr> <tr> <td>CHASE</td> <td>2108</td> <td></td> </tr> <tr> <td>COUNCIL GROVE</td> <td>2402</td> <td></td> </tr> <tr> <td>WABAUNSEE</td> <td>2776</td> <td></td> </tr> <tr> <td>TOPEKA</td> <td>3024</td> <td></td> </tr> <tr> <td>LANSING</td> <td>3504</td> <td></td> </tr> <tr> <td>KANSAS CITY</td> <td>3675</td> <td></td> </tr> <tr> <td>MARMATON</td> <td>4014</td> <td></td> </tr> <tr> <td>CHEROKEE</td> <td>4242</td> <td></td> </tr> <tr> <td>MORROW</td> <td>4478</td> <td></td> </tr> <tr> <td>MISSISSIPPIAN</td> <td>5120</td> <td></td> </tr> </table>	Name	Top	Datum	WELLINGTON ANHY.	1874		CHASE	2108		COUNCIL GROVE	2402		WABAUNSEE	2776		TOPEKA	3024		LANSING	3504		KANSAS CITY	3675		MARMATON	4014		CHEROKEE	4242		MORROW	4478		MISSISSIPPIAN	5120	
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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	1420	P+ MIDCON 2/ P+	340/100	3%CC, 1/4#SK FLC/ 2%CC, 1/4#SK FLC.
PRODUCTION	7-7/8"	5-1/2"	15.5	4520	VERSASET	90	.6% HALAD 322, 5% KCL, .9% VERSASET, 1/4#SK FLC.
			D.V. TOOL @	3260	P+ MIDCON 2	230	2%CC, 2%ECONOLITE, .6% HALAD 322.

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth		Type of Cement	#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	4379-4396.	ACID: 850 GAL 7 1/2% FeHCL. <span style="float: right;">4379-4396</span>
		FRAC: 11000 GAL FOAMED 2%KCL WTR. & <span style="float: right;">4379-4396</span>
		44200# 16/30 SD.

TUBING RECORD	Size 2 3/8"	Set At 4356	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. 6-27-97	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil 6 Bbls.	Gas 658 Mcf	Water 20 Bbls.	Gas-Oil Ratio	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.  Commingled

Other (Specify) \_\_\_\_\_

Production Interval 4379-4396



**JOB SUMMARY** 4239-1

TICKET #	185722	TICKET DATE	6/5/97
BDA / STATE	Ks.	COUNTY	WARTON
PSL DEPARTMENT	Cement	<b>ORIGINAL</b>	
CUSTOMER REP / PHONE	Ja Stunk		
APY / UWI #		JOB PURPOSE CODE	035

REGION	North America	NWA/COUNTRY	Midcont.
MBU ID / EMP #	48120	EMPLOYEE NAME	T. ROVER
LOCATION	Liberal Ks.	COMPANY	Quadracko Prod.
TICKET AMOUNT		WELL TYPE	Gas
WELL LOCATION	N.W. Wilburton, Ks.	DEPARTMENT	Cement
LEASE / WELL #	Tur Noe D-2	SEC / TWP / RNG	19-34S-41...

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. Orange	4346						
C. ASHLEY	44061						

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
420044	PIU						
53554/26900	BIT						
51944/20031	BIT						

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
6-4-97	18:00	6-4-97	2200	6-5-97	0518
					1058

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY	MAKE
Float Collar LD Baffle	1	H
Float Shoe	1	A
Guide Shoe		
Centralizers 5.5	30	L
Bottom Plug		
Top Plug LD Plug Set		C
Head 5.5	1	
Packer DV	1	O
Other Basket	1	

**WELL DATA**

NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing New	15.5#	5.5	KB	4536	
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	Qty.
Perfpac Balls		Qty.
Other		
Other		
Other		
Other		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				9' 10' 25' 10' 15' 14'
<b>TOTAL</b>		<b>TOTAL</b>		

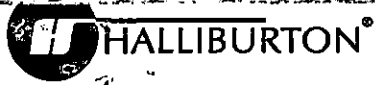
**HYDRAULIC HORSEPOWER**  
 Avail. \_\_\_\_\_ Used \_\_\_\_\_  
**AVERAGE RATES IN BPM**  
 TREATED \_\_\_\_\_ Overall \_\_\_\_\_  
**CEMENT LEFT IN PIPE**  
 FEET 44.5 Reason Choke Joint

**CEMENT DATA**

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
1	115	Prem. (H)	B	.9% Versa set, 5% KEL, 4.0% Halad - 322, 1/16" E/lock	1.41	148.84
2	25	"H"	B	( 25 sacks Ret + 17 House Hole )	2.00	118.88
2	230	17' down PP	B	2% CC, 4.0% Halad - 322		

Circulating _____	Displacement _____	Preflush: Gal - (BB) 10-2	Type Superflush
Breakdown _____	Maximum _____	Load & Bkdn: Gal - (BB)	Pad: BBI - Gal
Average _____	Frac Gradient _____	Treatment Gal - (BB)	Disp: (BB) - Gal 107/18
Shut In: Instant _____	5 Min _____ 15 Min _____	Cement Slurr Gal - (BB) 22.5	LC 32 216.5
		Total Volume Gal - (BB) 1200	

Frac Ring #1 \_\_\_\_\_ Frac Ring #2 \_\_\_\_\_ Frac Ring #3 \_\_\_\_\_ Frac Ring #4 \_\_\_\_\_  
**THE INFORMATION STATED HEREIN IS CORRECT**  
 CUSTOMER'S REPRESENTATIVE SIGNATURE: *[Signature]*



**JOB LOG** 4239-5

TICKET # <b>185722</b>	TICKET DATE <b>6/5/77</b>
BDA / STATE <b>Ks.</b>	COUNTY <b>WARTON</b>
PSL DEPARTMENT <b>Cement</b>	CUSTOMER REP / PHONE <b>SR Stuck</b>
API / UWI #	JOB PURPOSE CODE <b>035</b>

REGION <b>North America</b>	NW/COUNTRY <b>USA</b>
MBU ID / EMP # <b>L-104</b>	EMPLOYEE NAME <b>T. PETER</b>
LOCATION <b>...</b>	COMPANY <b>...</b>
TICKET AMOUNT	WELL TYPE
WELL LOCATION <b>...</b>	DEPARTMENT
LEASE / WELL # <b>...</b>	SEC / TWP / RNG <b>19-343-41W</b>

**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 (BBU)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	6:00							Call out
	9:00							ON LOCATION setting up IRON RIG Laying DOWN DRILL PIPE
	0245							RUN csg @ 5 1/2" IS
	0345							RUN D.V. Tool - S.O. 52136 - Lot 953
	0510							On Bottom
	0518							Hook-up & circ. & reciprocate
	0550	0-2	3	✓		0/30		Plug RAT
	0600	0-2	2	✓		0/30		Plug mouse
								Hook-up & cement
	0601	0-5	8	✓		0/200		Pump H <sub>2</sub> O
	0608	5	10	✓		200		Pump SUPER FLUSH
	0610	5	8	✓		200		Pump H <sub>2</sub> O
	0612	5	23	✓		200		Pump cmt.
	0618	5-0				20%		Shut down - Drop plug - Wash up tank.
	0623	0-7	30	✓		0/200		Pump H <sub>2</sub> O
	0627	7	77	✓		0/500		Pump misc.
	0638	7-3 1/2		✓		50%		Reduce Rate
	0640	3.5-0		✓		40%		Plug DOWN
	0641			✓		1500%		RELEASE PRESS. - Plug latch
	0644			✓				Drop opening plug
	0655	0-3	2	✓		0/150		Open MSC
	0659							Hook up to rig and circ.
								Hook up to cmt
	1024	0-5 1/2	20	✓		0/250		Pump H <sub>2</sub> O
	1028	5-8	82	✓		25%		Pump cmt
	1038	8-0				20%		Shut down - Drop plug - Wash up tank
	1045	0-7	78	✓		0/200		Pump H <sub>2</sub> O
	1053	7-3 1/2	7	✓		30%		Reduce Rate
	1058	3 1/2-0		✓		45%		Plug Down
	1058			✓		11400%		RELEASE PRESS. - MSC "closed"
								RELEASE from loc.

TRANSFERRED  
 10/7 SEP 28  
 12 14

MBU ID / EMP # LE 104 EMPLOYEE NAME J. Woodrow PSL DEPARTMENT Cement  
 LOCATION Wilburton COMPANY ANADARKO PETRO. CUSTOMER REP / PHONE \_\_\_\_\_  
 TICKET AMOUNT \_\_\_\_\_ WELL TYPE LNIS API / UWT # \_\_\_\_\_ **ORIGINAL**  
 WELL LOCATION New Wilburton DEPARTMENT Cement JOB PURPOSE CODE 035 010  
 LEASE / WELL # TURNER 0-2 SEC / TWP / RING \_\_\_\_\_

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
<u>J. Woodrow 62573</u>			
<u>C. Chance 43456</u>			
<u>3 Telford</u>			
<u>W. Marshall</u>			

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
<u>420644</u>	<u>PLU 140</u>	<u>30404266</u>	<u>28</u>				
<u>5353410406</u>	<u>PLT 140</u>	<u>41157</u>	<u>28</u>				

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

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY	MAKE
Float <u>205</u>	<u>1</u>	<u>H</u>
Float Shoe		
Guide Shoe <u>8 5/8</u>	<u>1</u>	<u>A</u>
Centralizers <u>1 5/8</u>	<u>4</u>	<u>L</u>
Bottom Plug		
Top Plug <u>8 5/8 SW</u>	<u>1</u>	<u>C</u>
Head		
Packer		
Other <u>BASKET</u>	<u>1</u>	<u>D</u>

**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		

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
	<u>5-23-97</u>	<u>5:30</u>	<u>5:28-97</u>	<u>5:28-97</u>
	<u>1330</u>	<u>15:30</u>	<u>1805</u>	<u>1900</u>

**WELL DATA**

NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	<u>New</u>	<u>234</u>	<u>6 5/8</u>	<u>KB</u>	<u>MZC</u>
Liner					
Liner					
Tbg/D.P.					
Tbg/D.P.					
Open Hole					SHOTS/FT.
Perforations					
Perforations					
Perforations					

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
<b>TOTAL</b>		<b>TOTAL</b>		

ORDERED \_\_\_\_\_ HYDRAULIC HORSEPOWER \_\_\_\_\_  
 Avail. \_\_\_\_\_ Used \_\_\_\_\_  
 TREATED \_\_\_\_\_ AVERAGE RATES IN RPM \_\_\_\_\_  
 Disp. \_\_\_\_\_ Overall \_\_\_\_\_  
 CEMENT LEFT IN PIPE \_\_\_\_\_  
 Reason Stick Joint

**CEMENT DATA**

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
<u>1</u>	<u>340</u>	<u>M. G. G. 100</u>	<u>340</u>	<u>3% CC, 1/4# Flocide</u>	<u>2.63</u>	<u>20.19</u>
<u>2</u>	<u>100</u>	<u>Plum + G</u>	<u>100</u>	<u>2% CC, 1/4# Flocide</u>	<u>1.32</u>	<u>6.3</u>

Circulating _____	Displacement _____	Preflush: _____	Gal - BBI _____	Type _____
Breakdown _____	Maximum _____	Load & Bkdn: _____	Gal - BBI _____	Pad: BBI - Gal _____
Average _____	Frac Gradient _____	Treatment _____	Gal - BBI _____	Disp: BBI - Gal <u>83.5</u>
Shut In: Instant _____	5 Min _____	15 Min _____	Cement Slurr _____	Gal - BBI <u>195</u>
			Total Volume _____	Gal - BBI <u>215</u>

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

THE INFORMATION STATED HEREIN IS CORRECT  
 CUSTOMER REPRESENTATIVE SIGNATURE \_\_\_\_\_

WBU ID / EMP # <b>11704 / 62573</b>	EMPLOYEE NAME <b>F. Woodrow</b>	PSL DEPARTMENT <b>CEMENT</b>
LOCATION <b>LIBERAL KS</b>	COMPANY <b>AMUNDIA PRT</b>	CUSTOMER REP / PHONE <b>Jim Barlow</b>
TICKET AMOUNT	WELL TYPE <b>02-015</b>	API / UWI #
WELL LOCATION <b>NW 1/4 LIBERAL</b>	DEPARTMENT <b>Cement</b>	JOB PURPOSE CODE <b>010</b>
LEASE / WELL # <b>TURNER D-2</b>	SEC / TWP / RANG	

**ORIGINAL**

WES EMP NAME/EMP#(EXPOSURE HOURS) HRS	WES EMP NAME/EMP#(EXPOSURE HOURS) HRS	WES EMP NAME/EMP#(EXPOSURE HOURS) HRS	WES EMP NAME/EMP#(EXPOSURE HOURS) HRS
<b>P. Clancy 113456</b>			
<b>S. J. Ford</b>			
<b>G. Humphries</b>			

CHART NO.	TIME	RATE (BPM)	VOLUME (BBU/GAL)	PUMPS		PRESS. (PSI) Tbg Cap	JOB DESCRIPTION / REMARKS
				T	C		
	1630						<b>JOB ready</b>
	1730						<b>called out for job</b>
	1530						<b>pump truck on location / Rig tripping out</b>
	1600						<b>Drill pipe / set up pump truck</b>
	1645						<b>out of hole with D-P.</b>
	1745						<b>START Running RTN CSG &amp; PRT Equip</b>
	1751						<b>CASING ON BOTTOM 1420' / Hook up RTN pit &amp; circulating fluid</b>
							<b>START circulating with rig pump</b>
							<b>Hold safety meeting</b>
							<b>THROUGH circulating / Hook up to pump truck</b>
							<b>JOB PROCEEDING</b>
	1807	70	195			9250	<b>START mixing 340 SEC lead cement at 11.1 gal</b>
	1832	70	235			100/140	<b>START mixing 100 SEC tail cement at 14.8 gal</b>
	1836		218				<b>THROUGH mixing cement / STOP DOWN</b>
	1837						<b>RELEASE PLUG / START DISPLACING</b>
	1850						<b>HAVE 90.000 GAL out / PLUG cement return to surface</b>
	1900	99				300	<b>MIX LIFT PRESSURE BEHIND LIFTING PLUG /</b>
						1750	<b>PLUG DOWN / RELEASE FLOAT</b>
							<b>FLOAT UP</b>
							<b>CIRCULATED (40 BBL / 70 SKS TO PIT)</b>
							<b>THANK YOU! FOR CALLING HALLIBURTON</b>
							<b>Woody + Keldie</b>

RECEIVED  
 11/25/97 11:14 AM