
OXY GRAND JUNCTION EBUSINESS

**CC 697-08-37B
GARND VAILLEY
Garfield County , Colorado**

**Cement Surface Casing
01-Mar-2011**

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 344034	Ship To #: 2699487	Quote #:	Sales Order #: 7842750
Customer: OXY GRAND JUNCTION EBUSINESS		Customer Rep: Silva, Marco	
Well Name: CC		Well #: 697-08-37B	API/UWI #:
Field: GARND VAILLEY	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Lat: N 39.536 deg. OR N 39 deg. 32 min. 9.748 secs.		Long: W 108.238 deg. OR W -109 deg. 45 min. 44.428 secs.	
Contractor: H&P 330		Rig/Platform Name/Num: H&P 330	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: DUNNING, DUSTIN		Srvc Supervisor: YOUNG, JEREMY	MBU ID Emp #: 418013

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
DOUT, JACOB J	22	430298	JAMISON, PRICE W	22	229155	JENSEN, SHANE Lynn	22	441759
SWETT, GARY L	22	488924	YOUNG, JEREMY R	22	418013			

Equipment

HES Unit #	Distance-1 way						
10025061	120 mile	10722398	120 mile	10951245	120 mile	10989685	120 mile
11560046	120 mile	11562538	120 mile	11027039	120 mile	10297346	120 mile

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
02/28/2011	10	2	03/01/2011	12	8			
TOTAL	<i>Total is the sum of each column separately</i>							

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
				28 - Feb - 2011	05:30	MST	
Form Type			BHST	28 - Feb - 2011	14:30	MST	
Job depth MD	2689. ft		Job Depth TVD	28 - Feb - 2011	23:23	MST	
Water Depth			Wk Ht Above Floor	01 - Mar - 2011	08:45	MST	
Perforation Depth (MD)	<i>From</i>		<i>To</i>	01 - Mar - 2011	11:40	MST	

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
OPEN HOLE				14.75				.	2705.		
SURFACE CASING	Unknown		9.625	8.921	36.		J-55	.	2689.		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	9.625	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	9.625	1	HES
Stage Tool										Centralizers			

Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

Fluid Data

Stage/Plug #: 1												
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk			
Stage/Plug #: 1												

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Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk		
1	Water Spacer	FRESH WATER	20.00	bbl	8.33	.0	.0	4			
2	Gel Spacer	GEL WATER	20.00	bbl	8.4	.0	.0	6			
3	Water Spacer	FRESH WATER	20.00	bbl	8.33	.0	.0	6.5			
4	Lead Cement	VERSACEM (TM) SYSTEM (452010)	1050.0	sacks	12.3	2.33	12.62	8	12.62		
		12.62 Gal	FRESH WATER								
5	Tail Cement	VERSACEM (TM) SYSTEM (452010)	160.0	sacks	12.8	2.07	10.67	6.5	10.67		
		10.67 Gal	FRESH WATER								
6	Displacement	FRESH WATER	205.00	bbl	8.33	.0	.0	6.5			
7	Topout Cement	HALCEM (TM) SYSTEM (452986)	217	sacks	12.5	1.97	10.96	2.5	10.96		
		10.96 Gal	FRESH WATER								
Calculated Values			Pressures			Volumes					
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad			
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment			
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job			
Rates											
Circulating		Mixing		7		Displacement		6.5		Avg. Job	6.5
Cement Left In Pipe		Amount	28.4 ft	Reason	Shoe Joint						
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID				
The Information Stated Herein Is Correct				Customer Representative Signature							

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Well Name: CC		Well #: 697-08-37B	API/UWI #:
Field: GARND VAILLEY	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Legal Description:			
Lat: N 39.536 deg. OR N 39 deg. 32 min. 9.748 secs.		Long: W 108.238 deg. OR W -109 deg. 45 min. 44.428 secs.	
Contractor: H&P 330		Rig/Platform Name/Num: H&P 330	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: DUNNING, DUSTIN		Srvc Supervisor: YOUNG, JEREMY	MBU ID Emp #: 418013

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	02/28/2011 05:30							TD 2705 FT, TP 2689 FT, SHOE 28.44 FT, HOLE 14 3/4 IN, MUD WT 8.8 PPG, CSG 9 5/8 IN 36 LB/FT J-55
Pre-Convoy Safety Meeting	02/28/2011 07:50							WITH ALL HES PERSONNEL
Crew Leave Yard	02/28/2011 08:00							
Arrive At Loc	02/28/2011 14:30							RIG WAS STILL RUNNING CASING UPON HES ARRIVAL
Assessment Of Location Safety Meeting	02/28/2011 21:20							WITH ALL HES PERSONNEL
Other	02/28/2011 21:30							SPOT EQUIPMENT
Pre-Rig Up Safety Meeting	02/28/2011 21:50							WITH ALL HES PERSONNEL
Rig-Up Equipment	02/28/2011 22:00							
Pre-Job Safety Meeting	02/28/2011 23:00							WITH ALL PERSONNEL ON LOCATION
Start Job	02/28/2011 23:23							
Other	02/28/2011 23:24		2	2			40.0	FILL LINES
Test Lines	02/28/2011 23:26							TEST LINES TO 2580 PSI. PRESSURE HOLDING
Pump Spacer 1	02/28/2011 23:30		4	20			85.0	FRESH WATER
Pump Spacer 2	02/28/2011 23:35		6	20			103.0	GEL WATER
Pump Spacer 1	02/28/2011 23:39		6.5	20			150.0	FRESH WATER

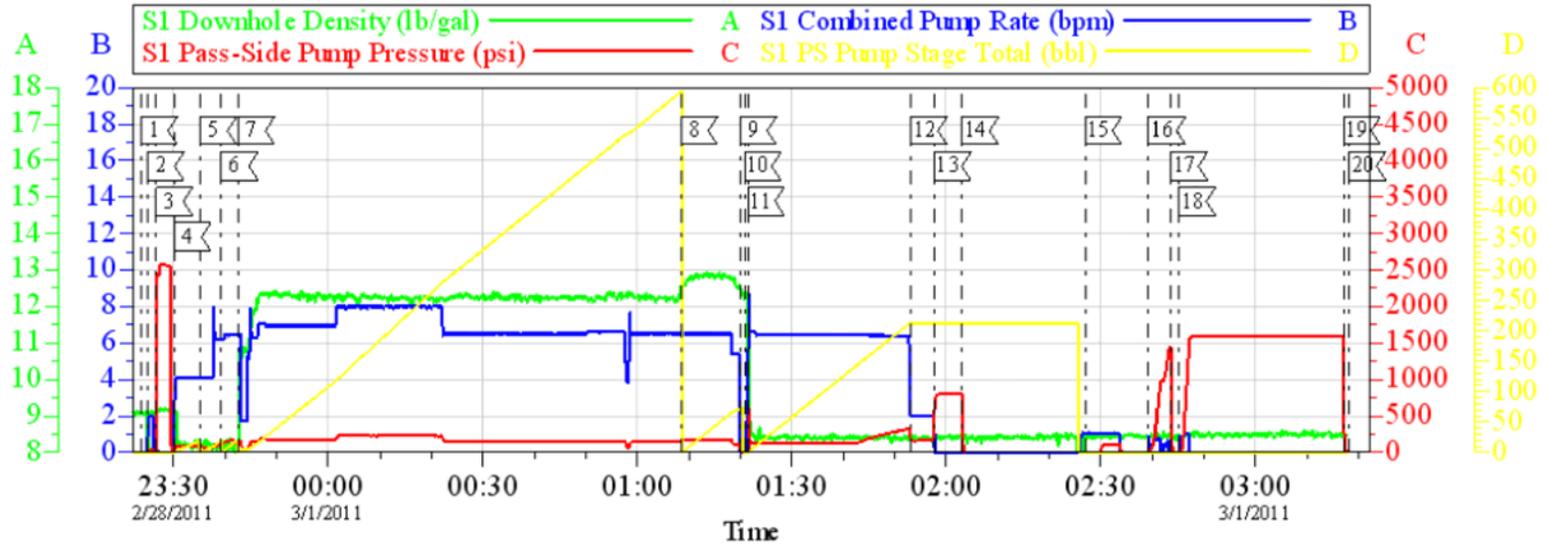
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Lead Cement	02/28/2011 23:42		8	435.7			230.0	1050 SKS AT 12.3 PPG, 2.33 FT3/SK, 12.62 GAL/SK.
Pump Tail Cement	03/01/2011 01:08		6.5	59			160.0	160 SKS AT 12.8 PPG, 2.07 FT3/SK, 10.67 GAL/SK
Shutdown	03/01/2011 01:19							
Drop Top Plug	03/01/2011 01:20							PLUG LAUNCHED
Pump Displacement	03/01/2011 01:21		6.5	195.7			320.0	FRESH WATER
Slow Rate	03/01/2011 01:53		2	10			170.0	SLOW RATE 10 BBLS PRIOR TO CALCULATED DISPLACEMENT
Bump Plug	03/01/2011 01:57		2		205.7		796.0	PLUG BUMPED
Check Floats	03/01/2011 02:03							FLOATS HOLDING
Pump Water	03/01/2011 02:27		1	10			110.0	PUMP SUGAR WATER DOWN PASASITE STRING
Pressure Test	03/01/2011 02:39						1586.0	PRESSURE TEST CASING TO 1500 PSI FOR 30 MINS AS PER COMPANY REP.
Release Casing Pressure	03/01/2011 03:17							
End Job	03/01/2011 03:18							NO CIRCULATION THROUGHOUT JOB. PIPE WAS STATIC DURING JOB.
Start Job	03/01/2011 04:42							TOPOUT JOB #1
Pump Water	03/01/2011 04:42		0.5	0.5			1.0	PUMP FRESH WATER AHEAD OF CEMENT TO CLEAR LINES
Shutdown	03/01/2011 04:43							SHUTDOWN TO MIX UP CEMENT TUB
Pump Cement	03/01/2011 04:46		2.5	42.1			55.0	120 SKS TOPOUT CEMENT AT 12.5 PPG, 1.97 FT3/SK, 10.96 GAL/SK
Pump Water	03/01/2011 05:05		2.5	1			40.0	PUMP FRESH WATER BEHIND TO CLEAR LINES

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Shutdown	03/01/2011 05:05							
End Job	03/01/2011 05:06							NO CEMENT RETURNS.
Start Job	03/01/2011 08:12							TOPOUT JOB #2
Pump Water	03/01/2011 08:13		1	1			3.0	PUMP FRESH WATER AHEAD TO CLEAR LINES
Shutdown	03/01/2011 08:14							SHUTDOWN TO MIX UP CEMENT TUB
Pump Cement	03/01/2011 08:17		2.5	26			60.0	97 SKS TOPOUT CEMENT AT 12.5 PPG, 1.97 FT3/SK, 10.96 GAL/SK
Shutdown	03/01/2011 08:28							SHUTDOWN TO SEE IF CEMENT FALLS BACK AS PER COMPANY REP
Resume	03/01/2011 08:33		2	2			50.0	RESUME PUMPING AFTER CEMENT FELL
Shutdown	03/01/2011 08:33				28			SHUTDOWN TO SEE IF CEMENT FALLS BACK AS PER COMPANY REP
Resume	03/01/2011 08:38		2	6			40.0	RESUME PUMPING AFTER CEMENT FELL
Shutdown	03/01/2011 08:42				34			
Pump Water	03/01/2011 08:43		1	1			10.0	PUMP FRESH WATER BEHIND TO CLEAR LINES
Shutdown	03/01/2011 08:44							
End Job	03/01/2011 08:45							HES RETURNED 2 BBLs OF CEMENT TO SURFACE
Pre-Rig Down Safety Meeting	03/01/2011 09:30							WITH ALL HES PERSONNEL
Rig-Down Equipment	03/01/2011 09:45							
Pre-Convoy Safety Meeting	03/01/2011 11:30							WITH ALL HES PERSONNEL
Crew Leave Location	03/01/2011 11:40							HES LEFT APPROX 370 SKS OF TOPOUT CEMENT ON LOCATION

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Comment	03/01/2011 11:41							THANK YOU FOR USING HALLIBURTON CEMENT DEPARTMENT. JEREMY YOUNG AND CREW.

OXY

CC 697-08-37B, 9 5/8 SURFACE



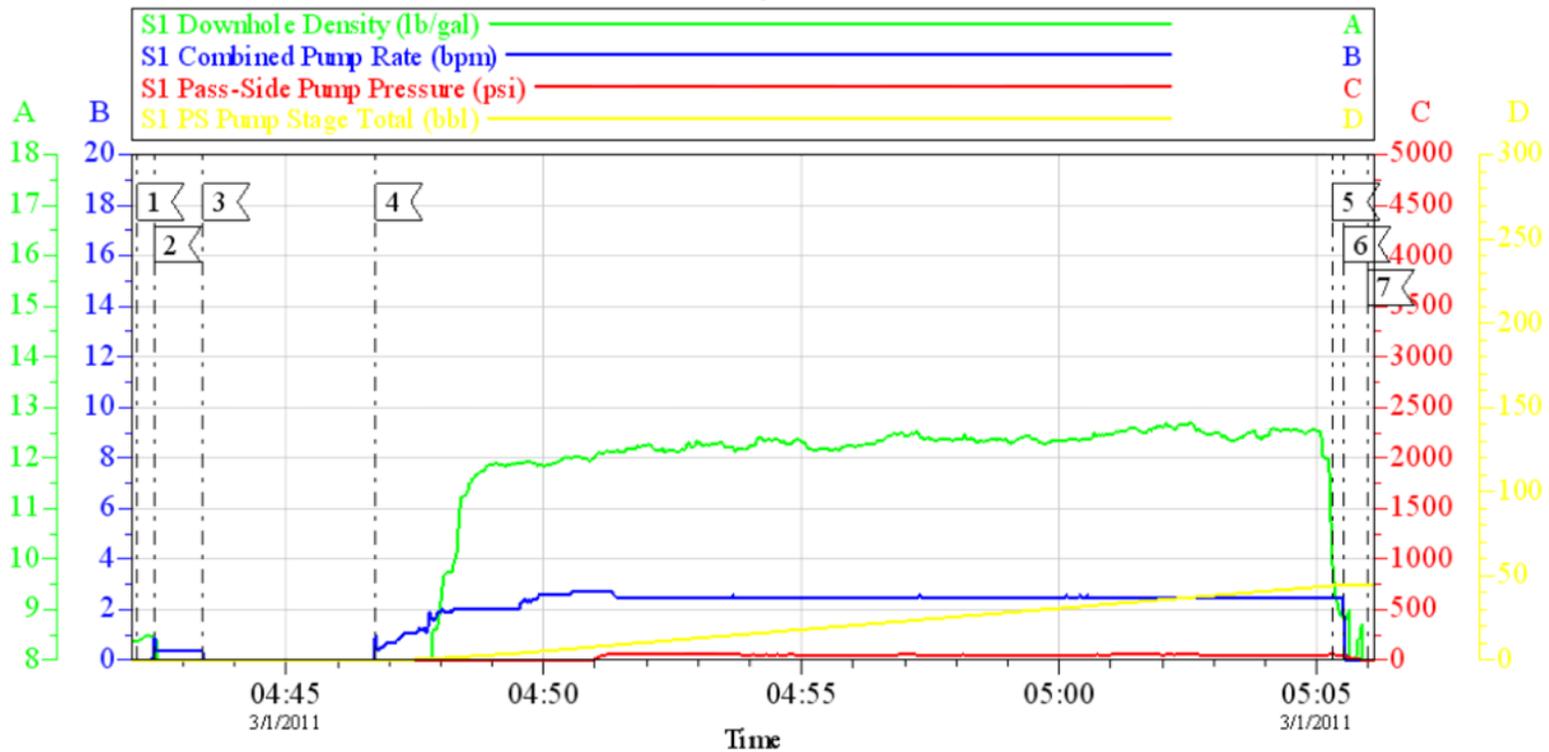
1	START JOB	2/28/2011 23:23:40	2	FILL LINES	2/28/2011 23:24:55
3	TEST LINES	2/28/2011 23:26:37	4	PUMP H2O SPACER 1	2/28/2011 23:30:08
5	PUMP GEL WATER SPACER	2/28/2011 23:35:09	6	PUMP H2O SPACER 2	2/28/2011 23:39:17
7	PUMP LEAD CEMENT	2/28/2011 23:42:33	8	PUMP TAIL CEMENT	3/1/2011 01:08:28
9	SHUTDOWN	3/1/2011 01:19:57	10	DROP TOP PLUG	3/1/2011 01:20:49
11	PUMP DISPLACEMENT	3/1/2011 01:21:28	12	SLOW RATE	3/1/2011 01:53:09
13	BUMP PLUG	3/1/2011 01:57:42	14	CHECK FLOATS	3/1/2011 02:03:08
15	PUMP DOWN PARASITE STRING	3/1/2011 02:27:00	16	PRESSURE TEST CASING	3/1/2011 02:39:17
17	RELEASE PRESSURE TO FIX LEAK	3/1/2011 02:43:34	18	PRESSURE TEST CASING	3/1/2011 02:45:07
19	RELEASE PRESSURE	3/1/2011 03:17:07	20	END JOB	3/1/2011 03:18:11

Customer:	OXY	Job Date:	28-Feb-2011	Sales Order #:	7842750
Well Description:	CC 697-08-37B	Job Type:	SURFACE	ADC Used:	YES
Customer Rep:	MARCO SILVA	Service Supervisor:	JEREMY YOUNG	Pump#/Operator:	5/SHANE JENSEN

OptiCem v6.4.9
01-Mar-11 04:03

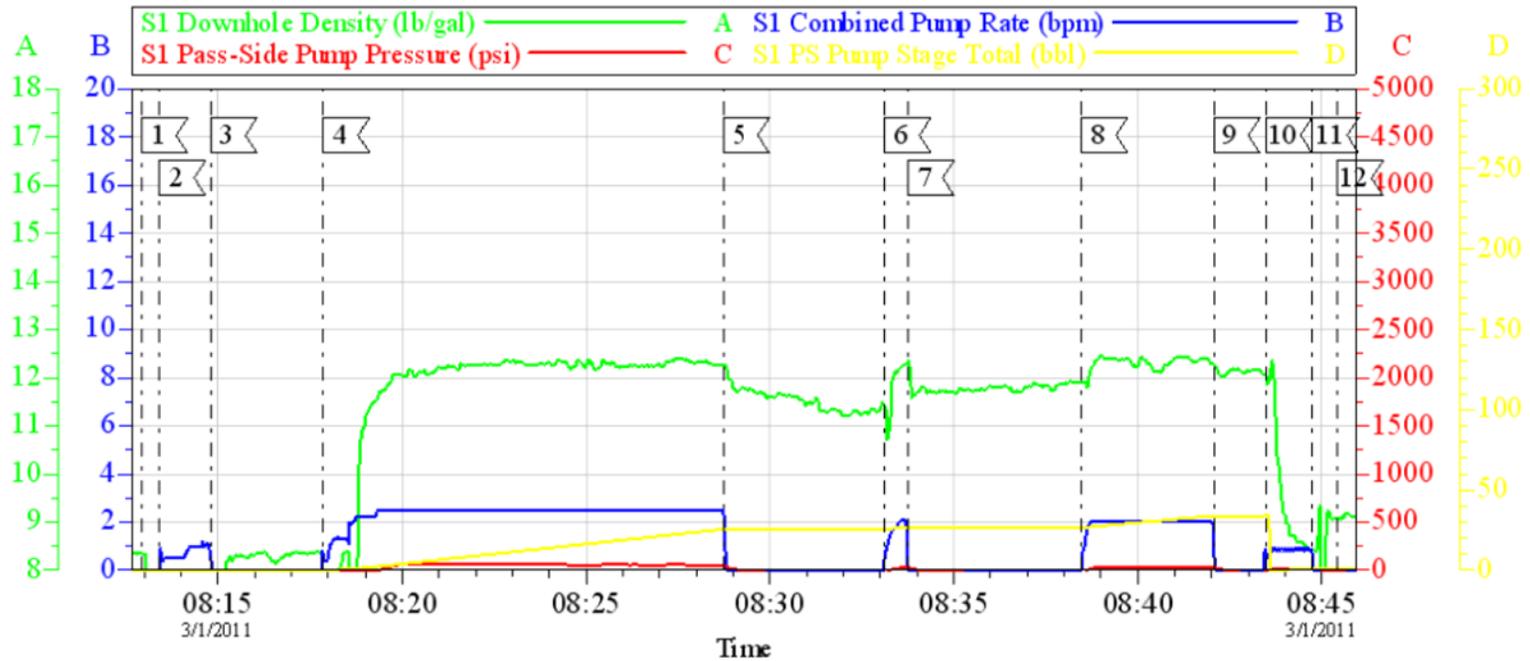
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CC 697-08-37B, TOPOUT #1



- | | | | | | |
|---|-------------------|----------|---|--------------------|----------|
| 1 | START JOB | 04:42:06 | 2 | PUMP WATER AHEAD | 04:42:26 |
| 3 | SHUTDOWN | 04:43:23 | 4 | PUMP TOPOUT CEMENT | 04:46:44 |
| 5 | PUMP WATER BEHIND | 05:05:18 | 6 | SHUTDOWN | 05:05:31 |
| 7 | END JOB | 05:05:59 | | | |

OXY CC 697-08-37B, TOPOUT #2



1	START JOB	08:12:56	2	PUMP WATER AHEAD	08:13:25
3	SHUTDOWN	08:14:49	4	PUMP TOPOUT CEMENT	08:17:52
5	SHUTDOWN	08:28:44	6	RESUME PUMPING	08:33:07
7	SHUTDOWN	08:33:45	8	RESUME PUMPING	08:38:28
9	SHUTDOWN	08:42:03	10	PUMP WATER BEHIND	08:43:28
11	SHUTDOWN	08:44:44	12	END JOB	08:45:24

Customer: OXY	Job Date: 01-Mar-2011	Sales Order #: 7842750
Well Description: CC 697-08-37B	Job Type: TOPOUT	ADC Used: YES
Customer Rep: MARCO SILVA	Service Supervisor: JEREMY YOUNG	Pump #/Operator: 5/SHANE JENSEN