
OXY GRAND JUNCTION EBUSINESS

**CC 697-09-64A
GRAND VALLEY
Garfield County , Colorado**

**Cement Surface Casing
01-Jan-2011**

Post Job Summary

HALLIBURTON

Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 344034	Ship To #: 344034	Quote #:	Sales Order #: 7841364
Customer: OXY GRAND JUNCTION EBUSINESS		Customer Rep: Dillon, Pat	
Well Name: CC	Well #: 697-09-64A	API/UWI #: 05-045-18009	
Field: GRAND VALLEY	City (SAP): Parachute	County/Parish: Garfield	State: Colorado
Legal Description:			
Lat: N 39.529 deg. OR N 39 deg. 31 min. 46.196 secs.		Long: W 108.213 deg. OR W -109 deg. 47 min. 12.329 secs.	
Contractor: H&P Drilling		Rig/Platform Name/Num: H&P 353	
Job Purpose: Cement Surface Casing		Ticket Amount:	
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: DUNNING, DUSTIN		Srv Supervisor: SMITH, CHRISTOPHER	MBU ID Emp #: 452619

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Depart Yard Safety Meeting	01/01/2011 16:30							
Crew Leave Yard	01/01/2011 16:45							
Arrive At Loc	01/01/2011 21:30							
Safety Meeting - Assessment of Location	01/01/2011 21:40							
Other	01/01/2011 21:50							SPOT EQUIPMENT
Pre-Rig Up Safety Meeting	01/01/2011 22:00							
Rig-Up Equipment	01/01/2011 22:10							
Pre-Job Safety Meeting	01/02/2011 00:30							
Start Job	01/02/2011 00:47							
Test Lines	01/02/2011 00:51		2	2			2500.0	2500 psi ON TRUCK AND LINES
Pump Spacer 1	01/02/2011 00:59		4	20			80.0	H2O
Pump Spacer 1	01/02/2011 01:07		4	20			80.0	GEL H2O
Pump Spacer 1	01/02/2011 01:13		4	20			85.0	H2O
Pump Lead Cement	01/02/2011 01:19		5	332.8			160.0	802sks PUMPED AT 12.3ppg 2.33y 12.62wr TOP OF CEMENT 0'. COMPUTER SHUT OFF DURING LEAD AND TURNED BACK ON DURING LEAD.

Sold To #: 344034

Ship To #: 344034

Quote #:

Sales Order #:

7841364

SUMMIT Version: 7.20.130

Sunday, January 02, 2011 06:28:00

HALLIBURTON

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Tail Cement	01/02/2011 02:55		5	46.1			140.0	125sks PUMPED AT 12.8ppg 2.07y 10.67wr TOP OF CEMENT 2343.4'
Drop Top Plug	01/02/2011 03:09							PLUG AWAY
Pump Displacement	01/02/2011 03:11		7	203.9			850.0	H2O
Other	01/02/2011 03:53							SLOW RATE TO 1.5 BPM
Bump Plug	01/02/2011 04:01							HELD 1250 PSI TO TEST CASING
Check Floats	01/02/2011 04:04							HOLDING
Other	01/02/2011 04:22							PUMP 8 BBLS OF SUGAR WATER DOWN PARISITE
End Job	01/02/2011 04:58							
Safety Meeting - Departing Location	01/02/2011 07:00							
Crew Leave Location	01/02/2011 07:15							THANK YOU FOR USING HALLIBURTON CEMENT, CHRIS SMITH AND CREW.

HALLIBURTON

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Contractor: H&P Drilling	Rig/Platform Name/Num: H&P 353		
Job Purpose: Cement Surface Casing			
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: DUNNING, DUSTIN	Srv Supervisor: SMITH, CHRISTOPHER	MBU ID Emp #: 452619	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
FEUERBORN, JOHN William	7.5	381677	KEANE, JOHN Donovan	7.5	486519	LYNGSTAD, FREDRICK D	7.5	403742
SALAZAR, PAUL Omar	7.5	445614	SMITH, CHRISTOPHER Scott	7.5	452619			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10744648C	120 mile	10867425	120 mile	10897891	120 mile	10951248	120 mile
10998508	120 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
01.01.2011	2	0	01.02.2011	5.5	4.5			
TOTAL								

Total is the sum of each column separately

Job

Formation Name	Formation Depth (MD)	Top	Bottom	Form Type	Job depth MD	Job Depth TVD	Water Depth	Perforation Depth (MD)	From	To
				BHST	2710. ft	2710. ft				
							Wk Ht Above Floor			4. ft

Job Times

	Date	Time	Time Zone
Called Out	01 - Jan - 2011	13:30	MST
On Location	01 - Jan - 2011	21:30	MST
Job Started	02 - Jan - 2011	00:41	MST
Job Completed	02 - Jan - 2011	05:15	MST
Departed Loc	02 - Jan - 2011	07:15	MST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbf/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
14 3/4" Open Hole				14.75					2730.		
9 5/8" Surface Casing	New		9.625	8.921	36.				2730.		

Sales/Rental/3rd Party (HES)

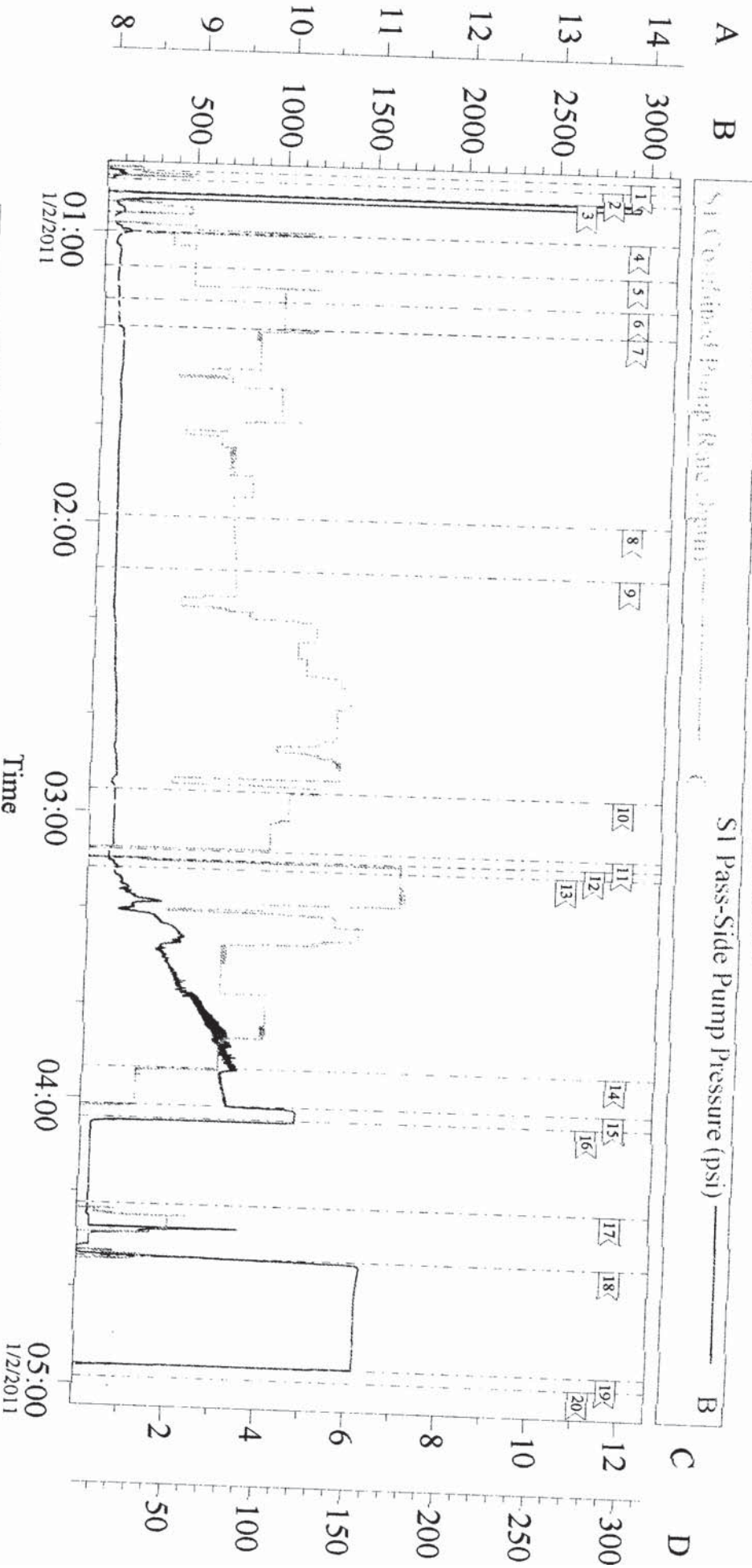
Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG,TOP,9 5/8,HWE,8.16 MIN/9.06 MA	1	EA		
R/A DENSOMETER W/CHART RECORDER,/JOB,ZI	1	JOB		
PORT. DATA ACQUIS. W/OPTICEM RT W/HES	1	EA		
ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI	1	JOB		

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 ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk		
1	Water Spacer		20.00	bbl	8.33	.0	.0	4			
2	Gel Water Spacer		20.00	bbl	.	.0	.0	4			
3	Water Spacer		20.00	bbl	.	.0	.0	4			
4	VersaCem Lead Cement	VERSACEM (TM) SYSTEM (452010)	802.0	sacks	12.3	2.33	12.62	4	12.62		
12.62 Gal		FRESH WATER									
5	VersaCem Tail Cement	VERSACEM (TM) SYSTEM (452010)	125.0	sacks	12.8	2.07	10.67	5.5	10.67		
10.67 Gal		FRESH WATER									
6	Displacement		204.00	bbl	.	.0	.0	5.5			
7	Topout Cement	HALCEM (TM) SYSTEM (452986)		sacks	12.5	1.97	10.96		10.96		
10.96 Gal		FRESH WATER									
Calculated Values			Pressures			Volumes					
Displacement	203.9	Shut In: Instant		Lost Returns		Cement Slurry	378.9	Pad			
Top Of Cement	SURFACE	5 Min		Cement Returns	15	Actual Displacement	203.9	Treatment			
Frac Gradient		15 Min		Spacers	60	Load and Breakdown		Total Job	652.8		
Rates											
Circulating	RIG	Mixing	5	Displacement	5	Avg. Job	5				
Cement Left In Pipe	Amount	52 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							

OXY **9.625" SURFACE**



Local Event Log			
1	START JOB	00:47:23	2
4	PUMP H2O SPACER	00:59:53	5
7	PUMP LEAD CEMENT	01:19:27	8
10	PUMP TAIL CEMENT	02:55:21	11
13	PUMP H2O DISPLACEMENT	03:11:40	14
16	CHECK FLOATS	04:04:05	17
19	RELEASE PRESSURE	04:56:01	20
2	FILL LINES	00:49:16	3
5	PUMP GEL SPACER	01:07:01	6
8	CEMENTERS COMPUTER OFF LINE	01:58:33	9
11	SHIFT DOWN	03:07:51	12
14	SLOW RATE	03:53:18	15
17	PUMP PARASITE	04:22:30	18
20	END JOB	04:58:38	
3	TEST LINES	00:51:49	
6	PUMP H2O SPACER	01:13:49	
9	CEMENTERS COMPUTER ON LINE	02:09:29	
12	DROP PLUG	03:09:45	
15	BUMP PLUG	04:01:14	
18	PRESSURE TEST CASING	04:33:39	

Customer: OXY
Well Description: CC 697-09-64A
Company Rep: ALEX

Job Date: 02-Jan-2011
Job Type: SURFACE
Cement Supervisor: CHRIS SMITH

Sales Order #: 7841364
ADC Used: YES
Elite #: 6/P. SALAZAR