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**CHEVRON - MID-CONTINENT EBIZ**

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**MB LARSEN C1125**

**Rio Blanco County , Colorado**

**Plug to Abandon Service**

**24-Jan-2012**

**Job Site Documents**

*The Road to Excellence Starts with Safety*

<b>Sold To #:</b> 338668		<b>Ship To #:</b> UNKNOWN		<b>Quote #:</b>		<b>Sales Order #:</b> 9229275	
<b>Customer:</b> CHEVRON - MID-CONTINENT EBIZ				<b>Customer Rep:</b> JEFF			
<b>Well Name:</b> MB LARSEN			<b>Well #:</b> C1125		<b>API/UWI #:</b>		
<b>Field:</b>		<b>City (SAP):</b> UNKNOWN		<b>County/Parish:</b> Rio Blanco		<b>State:</b> Colorado	
<b>Contractor:</b> WORKOVER			<b>Rig/Platform Name/Num:</b> Workover				
<b>Job Purpose:</b> Plug to Abandon Service							
<b>Well Type:</b> Development Well				<b>Job Type:</b> Plug to Abandon Service			
<b>Sales Person:</b> SPENCER, WESTON			<b>Srvc Supervisor:</b> DEAN, MARK			<b>MBU ID Emp #:</b> 454214	

**Job Personnel**

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
DEAN, MARK Christophe	9	454214	ELDER, DENNIS Ray	9	505202	ESTEP, KENNETH	9	214387

**Equipment**

HES Unit #	Distance-1 way						

**Job Hours**

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
01-24-2012	9	9						

**TOTAL** *Total is the sum of each column separately*

**Job**

**Job Times**

Formation Name	Date	Time	Time Zone
Formation Depth (MD) Top	Called Out	24 - Jan - 2012	03:00 MST
Formation Depth (MD) Bottom	On Location	24 - Jan - 2012	08:00 MST
Form Type	Job Started	24 - Jan - 2012	10:43 MST
Job depth MD	Job Completed	24 - Jan - 2012	12:50 MST
Water Depth	Departed Loc	24 - Jan - 2012	14:00 MST
Perforation Depth (MD) From			
4128 ft			
To			

**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
7" Production	Unknown		7.	6.366	23.				5000.		
2.875 Tubing	Unknown		2.875	2.441	6.5		N-80		3350.		

**Sales/Rental/3<sup>rd</sup> Party (HES)**

Description	Qty	Qty uom	Depth	Supplier
SUGAR - GRANULATED	20	LB		

**Tools and Accessories**

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
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 <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	

1	Fresh Water		15	bbl	8.33	.0	.0	.0	
2	PlugCem	PLUGCEM (TM) SYSTEM (452969)	50	sacks	16.0	1.12	4.76		4.76
	4.76 Gal	FRESH WATER							
3	Water Displacement		14.5	bbl	8.33	.0	.0	.0	
<b>Calculated Values</b>		<b>Pressures</b>			<b>Volumes</b>				
Displacement	15.12	Shut In: Instant		Lost Returns	0	Cement Slurry	9.97	Pad	
Top Of Cement	3904 ft	5 Min		Cement Returns	6	Actual Displacement	14.5	Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	54
<b>Rates</b>									
Circulating	2	Mixing	2	Displacement	3	Avg. Job	2		
Cement Left In Pipe	Amount	0 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
<b>The Information Stated Herein Is Correct</b>				Customer Representative Signature					

*The Road to Excellence Starts with Safety*

<b>Sold To #:</b> 338668	<b>Ship To #:</b> UNKNOWN	<b>Quote #:</b>	<b>Sales Order #:</b> 9229275
<b>Customer:</b> CHEVRON - MID-CONTINENT EBIZ		<b>Customer Rep:</b> JEFF	
<b>Well Name:</b> MB LARSEN	<b>Well #:</b> C1125	<b>API/UWI #:</b>	
<b>Field:</b>	<b>City (SAP):</b> UNKNOWN	<b>County/Parish:</b> Rio Blanco	<b>State:</b> Colorado
<b>Legal Description:</b>			
<b>Lat:</b>		<b>Long:</b>	
<b>Contractor:</b> WORKOVER		<b>Rig/Platform Name/Num:</b> Workover	
<b>Job Purpose:</b> Plug to Abandon Service			<b>Ticket Amount:</b> \$11,662.49
<b>Well Type:</b> Development Well		<b>Job Type:</b> Plug to Abandon Service	
<b>Sales Person:</b> SPENCER, WESTON		<b>Srvc Supervisor:</b> DEAN, MARK	<b>MBU ID Emp #:</b> 454214

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	01/24/2012 03:00							CREW CALLED OUT, GOT TRUCKS PREPPED FOR CONVOY AND JOB
Pre-Convoy Safety Meeting	01/24/2012 04:45							DISCUSSED CONVOY PROCEDURES, ROUTE, STOP, ROAD HAZARDS, TRAFFIC, WILDLIFE, WEATHER HAZARDS, EMERGENCY, AND BREAKDOWN PROCEDURES
Depart from Service Center or Other Site	01/24/2012 05:00							CREW DEPARTED IN CONVOY
Arrive At Loc	01/24/2012 07:00							MET CUSTOMER DOWN ROAD FROM LOCATION. CHAINS WERE REQUIRED FOR THE APPROACH.
Pre-Rig Up Safety Meeting	01/24/2012 08:00							ASSESED LOCATION. DISCUSSED RIG UP PROCEDURES, PINCH POINTS, LIFTING, HAMMERING, RED ZONES, AND SLIPS/TRIPS/FALLS (SPIKES REQUIRED)
Rig-Up Equipment	01/24/2012 08:15							RIGGED UP SAFELY AND TO BOTH HALLIBURTON AND CHEVRON STANDARDS
Activity Description	Date/Time	Cht #	Rate bbl/min	Stage	Total	Tubing	Casing	Comments

Sold To # : 338668

Ship To # : UNKNOWN

Quote # :

Sales Order # :

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Pre-Job Safety Meeting	01/24/2012 10:30							DISCUSSED JOB PROCEDURE, RIG ISSUES, SAFETY ISSUES, HAZARDS WITH PRESSURE, EMERGENCY, AND EVACUATION PROCEDURES
Test Lines	01/24/2012 10:45							TESTED LINES TO 3000 PSI - LEAK IN PRESSURE GUAGE ON 3RD PARTY MANIFOLD
Resolving Safety Issues - Start Time	01/24/2012 10:46							SHUTDOWN & SECURED PRESSURE GUAGE CONNECTION
Test Lines	01/24/2012 10:48							TESTED LINES TO 3000 PSI (PRESSURE HELD)
Circulate Well	01/24/2012 10:55		2	10		220.0		PUMPED 10 BBL BRINE WATER
Pump Water	01/24/2012 11:00		2	5		270.0		PUMPED 5 BBL FRESH BEHIND
Shutdown	01/24/2012 11:03							SHUTDOWN AND STARTED MIXING CMT
Pump Cement	01/24/2012 11:06		2	9.97		250.0		PUMPED 9.97 BBL OF PLUGCEM 16# - Y: 1.12 - W: 4.76 (50SKS) (0.5% Halad 322 MIXED ON FLY)
Pump Displacement	01/24/2012 11:13		3	14.5		75.0		PUMPED A TOTAL OF 14.5 BBL OF FRESHWATER DISPLACEMENT
Shutdown	01/24/2012 11:19							SHUTDOWN & PULLED 10 STANDS (645')
Reverse Circ Well	01/24/2012 11:37		3	30		500.0		6 BBL CMT BACK TO PIT
Shutdown	01/24/2012 11:47							SWAPPED VALVES TO PRESSURE UP WELL
Pressure Up Well	01/24/2012 11:52					750.0		PRESSURED UP TO 750 PSI (HELD @ 450 PSI & HESITATED FOR 30 MINUTES)
Pressure Up Well	01/24/2012 12:29					750.0		PRESSURED UP TO 750 PSI (PRESSURE HELD FOR 20 MINUTES)
Other	01/24/2012 12:50							SHUT IN PRESSURE AND LEFT 2 INCH LO TORQ VALVE ON WELL.

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Post-Job Safety Meeting (Pre Rig-Down)	01/24/2012 12:55							DISCUSSED PPE & HAZARDS
Clean Lines	01/24/2012 13:00							WASHED PUMP & LINES TO PIT
Rig-Down Equipment	01/24/2012 13:05							RIGGED DOWN EQUIPMENT SAFELY
Pre-Convoy Safety Meeting	01/24/2012 13:50							DISCUSSED FATIGUE & SAFE DRIVING
Depart Location for Service Center or Other Site	01/24/2012 14:00							THANKYOU FOR CHOOSING HALLIBURTON!

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Quote #:

Sales Order #:

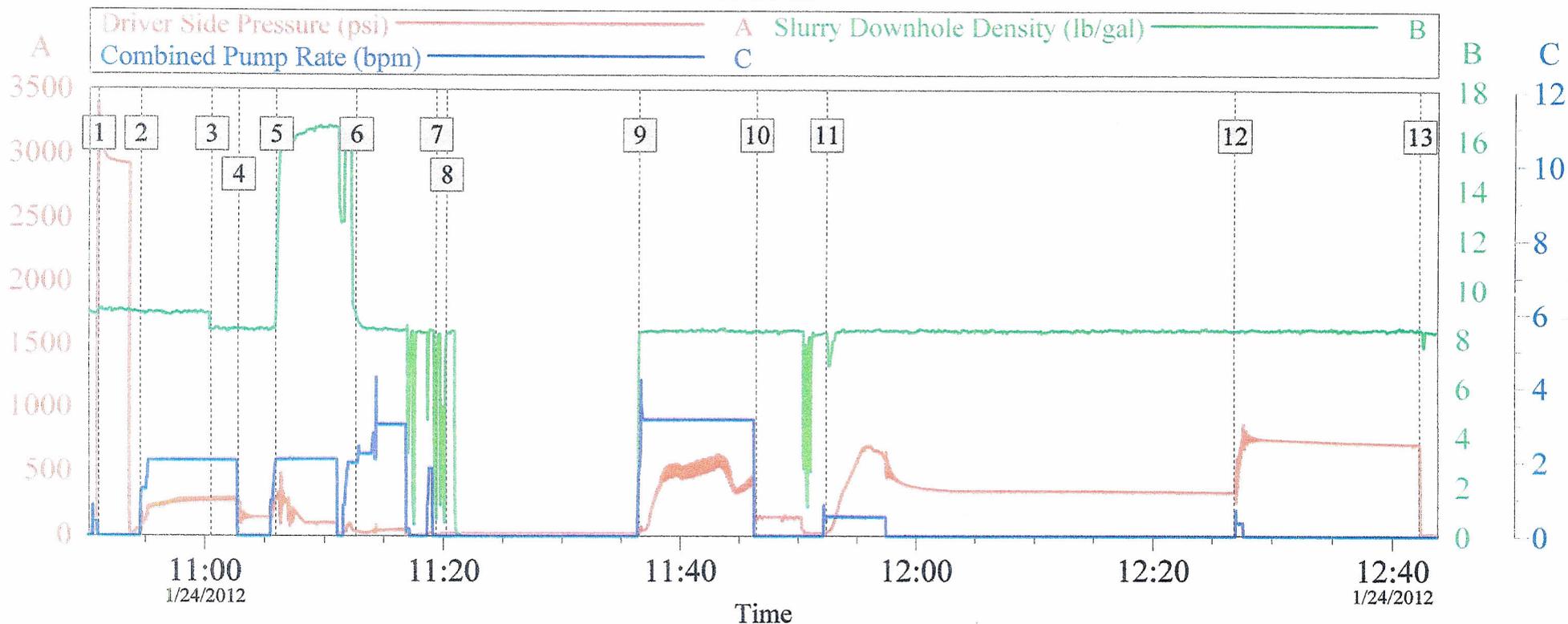
9229275

SUMMIT Version: 7.3.013

Tuesday, January 24, 2012 01:31:00

# CHEVRON 2.875 BALANCED PLUG JOB

01-24-12



## Global Event Log

1	Test Lines	10:51:02	2	Circulate Well	10:54:35
3	Pump Water	11:00:32	4	Shutdown	11:02:48
5	Pump Cement	11:05:56	6	Pump Displacement	11:12:39
7	Shutdown	11:19:22	8	Pull 10 Stands	11:20:16
9	Reverse Out	11:36:32	10	Shutdown	11:46:28
11	Pressure Up Well	11:52:24	12	Pressure Up Well	12:26:52
13	Shut-In Pressure @ 25 Minutes	12:42:14			

Customer: Halliburton  
Well Description: RTD

Job Date: 24-Jan-2012  
UWI:

Sales Order #: 10:08:32

OptiCem v6.4.10  
24-Jan-12 13:50