

The Road to Excellence Starts with Safety

Sold To #: 343492		Ship To #: 3088112		Quote #:		Sales Order #: 900657544	
Customer: BILL BARRETT CORPORATION E-BILL				Customer Rep: SANDERS, KENNY			
Well Name: Narraguinnep State			Well #: #1		API/UWI #: 05-033-06131		
Field: WILD CAT		City (SAP): DOLORES		County/Parish: Montezuma		State: Colorado	
Legal Description:							
Lat: N 37.686 deg. OR N 37 deg. 41 min. 7.836 secs.				Long: W 108.559 deg. OR W -109 deg. 26 min. 27.96 secs.			
Contractor: WORKOVER			Rig/Platform Name/Num: Workover				
Job Purpose: Plug to Abandon Service						Ticket Amount:	
Well Type: Development Well			Job Type: Plug to Abandon Service				
Sales Person: ERDMANN, LANCE			Srv Supervisor: KUKUS, CRAIG			MBU ID Emp #: 369124	

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	08/10/2013 05:00							
Safety Meeting - Service Center or other Site	08/10/2013 07:05							ALL HES CREW FOR JOB PRESENT
Arrive At Loc	08/10/2013 11:00							RIG ON BOTTOM
Circulate Well	08/10/2013 11:02							RIG,
Safety Meeting - Assessment of Location	08/10/2013 11:05							WALK THRU SAFETY ASSESMENT
Safety Meeting - Pre Rig-Up	08/10/2013 11:10							ALL HES FOR JOB PRESENT
Rig-Up Equipment	08/10/2013 11:15							RIG UP IRON TO STAND PIPE AND RIG FLOOR / USED MANIFOLD AND TIED INTO BACK SIDE AND IRON TO CLEAN UP TANK
Start Job	08/10/2013 12:00							TP AT 2658 FT TUBBING 2 3/8 IN 4.7# CSG 5.5 IN 17#
Prime Pumps	08/10/2013 12:12		1.5	2			165.0	PRIME LINES AND PUMPS
Test Lines	08/10/2013 12:14		0.5			3500.0		PRESSURE TEST LINES
Other	08/10/2013 12:18							MIX TUB OF CEMENT/ 25 SKS PLUG CEMENT
Pump Spacer 2	08/10/2013 12:21		1.5	3			120.0	PUMP H2O AHEAD
Pump Cement	08/10/2013 12:23		1.5	5.2			125.0	PUMP 25 SKS PLUG CEMENT AT 15.8 PPG 1.15 Y 4.99 GAL/SKS
Pump Displacement	08/10/2013 12:26		1.5	9.3			48.0	PUMP H2O FRESH WATER DISPLACEMENT

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Sunday, August 11, 2013 02:39:00

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Shutdown	08/10/2013 12:30							SHUT DOWN / CHECK FLOW BACK/ WELL ON SUCK FOR SHORT TIME
End Job	08/10/2013 12:32							END PLUG 1 / BAL PLUG / HAD RETURNS THRU OUT THE JOB
Other	08/10/2013 12:34							RIG POOH 20 STANDS / PIPE PULLED DRY
Other	08/11/2013 07:00							RIG CREW ON LOC / RUN IN WITH TUBBING TO TAG / TAG AT 2501 FT
Start Job	08/11/2013 10:29							START PLUG 2 RETAINER SET AT 671 FT TUBBING 2 3/8 IN 4.7# CSG 5.5 17#
Other	08/11/2013 10:30		1.5	5			370.0	LOAD BACK SIDE H2O
Shutdown	08/11/2013 10:33							SHUT DOWN / SWAP MANIFOLD FOR DOWN HOLE
Other	08/11/2013 10:41							PRIME LINES WITH H2O / PRESSURE CAME UP TO 500 PSI AT 2 BBLS / SHUT DOWN FOR TEST
Test Lines	08/11/2013 10:43		0.5			3500. 0		TEST LINES
Injection Test	08/11/2013 10:48		0.5	0.4			1189. 0	PUMP H2O INJECTION TEST WAS ABLE TO PUMP .4 BBLS AWAY PRESSURE MAINTAINING 1180 PSI
Shutdown	08/11/2013 11:10							SHUT DOWN / KENNY MADE CALL FOR NEW PLAN / PLAN IS TO PUMP 200 FT BAL PLUG ON TOP OF RETAINER
Other	08/11/2013 11:15							SET UP FOR BAL PLUG PUMP
Start Job	08/11/2013 11:44							START PLUG 2 BAL PLUG ON TOP OF RETAINER 200 FT 2 3/8 IN TUBBING 5.5 CSG
Other	08/11/2013 11:45		5	2			100.0	PUMP H2O AHEAD

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Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Cement	08/11/2013 11:52		1	4.6			10.0	PUMP 23 SKS PLUG CEMENT AT 15.8 PPG 1.15 Y 4.99 GAL/SKS 2% CC
Pump Displacement	08/11/2013 11:56		1.5	1.5			10.0	PUMP DISPLACEMENT H2O
Shutdown	08/11/2013 11:57							SHUT DOWN / RIG POOH / WAS UP PUMP TO PIT TANK / TUBBING PULLED DRY
End Job	08/11/2013 11:58							END PLUG 2 BAL PLUG / GET 1 IN TUBBING READY / WOC
Start Job	08/11/2013 13:34							START PLUG 3 / 100 FT USING 1 IN TUBBING TO 100 FT
Other	08/11/2013 13:35		2	1.5			48.0	PRIME LINES WITH FRESH WATER
Pump Cement	08/11/2013 13:36		1	7.5			58.0	PUMP 39 SKS PLUG CEMENT AT 15.8 PPG 1.15Y 4.99 GAL/SKS 2% CC TOTAL CC FOR JOB 160#
Pump Displacement	08/11/2013 13:50		1	0.5			48.0	PUMP H2O BEHIND
Shutdown	08/11/2013 13:50							SHUT DOWN/ POOH
End Job	08/11/2013 13:51							END JOB / DID NOT USE 225 SKS BLEND CMT
Safety Meeting - Pre Rig- Down	08/11/2013 13:54							ALL HES FOR JOB PRESENT
Rig-Down Equipment	08/11/2013 14:00							RIG CELLAR DOWN /WASH UP TO PIT TANK / RIG DOWN RACK UP
Safety Meeting - Departing Location	08/11/2013 14:45							ALL HES FOR JOB PRESENT
Comment	08/11/2013 14:50							THANK YOU FOR USING HALLIBURTON CEMENT SERVICES AND THE CREW OF CRAIG KUKUS

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