
ELM RIDGE EXPLORATION CO LLC - EBUS

IGE 117

IGNACIO / BLANCO
La Plata County , Colorado

Cement Production Casing

15-May-2013

Job Site Documents

The Road to Excellence Starts with Safety

Sold To #: 302056		Ship To #: 2997634		Quote #:		Sales Order #: 900440291	
Customer: ELM RIDGE EXPLORATION CO LLC - EBUS				Customer Rep: Snyder, Randy			
Well Name: IGE			Well #: 117			API/UWI #:	
Field: IGNACIO / BLANCO		City (SAP): IGNACIO		County/Parish: La Plata			State: Colorado
Contractor: Bear cat			Rig/Platform Name/Num: Bear Cat 1				
Job Purpose: Cement Production Casing							
Well Type: Producing Well			Job Type: Cement Production Casing				
Sales Person: FLING, MATTHEW			Srvc Supervisor: WOOD, BRANDON			MBU ID Emp #: 412753	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BEGAY, LYDELL James	6.5	479804	CHEE, NEWMAN Lamar	6.5	515460	FABREY, KENDALL Edward	6.5	488836
WOOD, BRANDON M	6.5	412753						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10001398C	45 mile	10025040	45 mile	10822043	45 mile	11223557	45 mile
11338219	45 mile	11583925	45 mile				

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours

TOTAL Total is the sum of each column separately

Job

Job Times

Formation Name				Date	Time	Time Zone
Formation Depth (MD)	Top	Bottom		Called Out	15 - May - 2013	12:30 MST
Form Type		BHST		On Location	15 - May - 2013	16:00 MST
Job depth MD	3354. ft	Job Depth TVD	3309.4 ft	Job Started	15 - May - 2013	00:00 MST
Water Depth		Wk Ht Above Floor	4. ft	Job Completed	15 - May - 2013	00:00 MST
Perforation Depth (MD)	From	To		Departed Loc	15 - May - 2013	00:00 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
7.875" Open Hole				7.875				350.	3150.		
5.5" Production Casing	Unknown		5.5	4.95	15.5				3150.		
8.625" Surface Casing	Unknown		8.625	8.097	24.				350.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
SUGAR, GRANULATED, IMPERIAL	200	LB		
PLUG,CMTG,TOP,5 1/2,HWE,4.38 MIN/5.09 MA	1	EA		

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 ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	CHEMICAL WASH	CHEMICAL WASH - SBM (21914)	20.00	bbl	8.4	.0	.0	.0	
2	Halliburton Light	HALLIBURTON LIGHT PREMIUM - SBM (12311)	385.0	sacks	12.4	1.97	10.22		10.22
	0.25 lbm	POLY-E-FLAKE (101216940)							
	5 lbm	KOL-SEAL, BULK (100064233)							
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)							
	10.22 Gal	FRESH WATER							
3	Tail Cement	POZ PREMIUM 50/50 - SBM (12302)	300.0	sacks	13.5	1.34	5.62		5.62
	0.125 lbm	POLY-E-FLAKE (101216940)							
	5 lbm	KOL-SEAL, BULK (100064233)							
	0.1 %	CFR-3, W/O DEFOAMER, 50 LB SK (100003653)							
	5.62 Gal	FRESH WATER							
4	Displacement		76.80	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures		Volumes					
Displacement	76.8	Shut In: Instant		Lost Returns	NO	Cement Slurry		Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	35	Actual Displacement	77.3	Treatment	
Frac Gradient		15 Min		Spacers	30	Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe	Amount	44.58 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					