
WEXPRO COMPANY E-BILL

**Jacks Draw 19
POWDER WASH
Moffat County, Colorado**

Cement Surface Casing
28-Sep-2011

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 343491	Ship To #: 2880480	Quote #:	Sales Order #: 8497104
Customer: WEXPRO COMPANY E-BILL		Customer Rep: SST 88, Wexpro	
Well Name: Jacks Draw		Well #: 19	API/UWI #: 05-081-07616
Field: POWDER WASH	City (SAP): CRAIG	County/Parish: Moffat	State: Colorado
Legal Description: Section 10 Township 11N Range 92W			
Contractor: Wexpro		Rig/Platform Name/Num: SST 88	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: VOLNER, THOMAS		Srvc Supervisor: OLSEN, BARTLEY	MBU ID Emp #: 392185

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
LEATHAM, NOLAN Robert	7.5	482961	OLSEN, BARTLEY Ned	7.5	392185	PUGMIRE, DUANE	7.5	353129
RASMUSSEN, BRYCE L	7.5	489414						

Equipment

HES Unit #	Distance-1 way						
10238645C	100 mile	10688346	100 mile	11288838	100 mile	11318724	100 mile
11380723	100 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
09/28/2011	7	2	09/29/2011	.5	.5			

TOTAL Total is the sum of each column separately

Job

Job Times

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	28 - Sep - 2011	12:30	MST
Form Type	BHST		Job Started	28 - Sep - 2011	17:00	MST
Job depth MD	537.8 ft	Job Depth TVD	Job Completed	28 - Sep - 2011	22:26	MST
Water Depth		Wk Ht Above Floor	Departed Loc	28 - Sep - 2011	23:13	MST
Perforation Depth (MD)	From	To		29 - Sep - 2011	00:30	MST

Well Data

Description	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Conductor Pipe		16.	15.376	55.			.	80.		
Surface Openhole			12.25				80.	537.8		
Surface Casing		9.625	8.921	36.		J-55	.	537.8		

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		HES

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	9 5/8	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	9 5/8	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
1	Fresh Water				20.00	bbl	8.33	.0	0	2	
2	Mountain G	CMT - PREMIUM - CLASS G, 94 LB SK (100003685)			290.0	sacks	15.8	1.16	4.99	4	4.99
	94 lbm	CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)									
	1% (BWOC)	CaCl2 - CALCIUM CHLORIDE (101509387)									
	0.125 lbm	POLY-E-FLAKE (101216940)									
	4.99 gal/sk	FRESH WATER									
3	Displacement Water				39	bbl	8.5	.0	.0	4	
Calculated Values			Pressures			Volumes					
Displacement	38.1	Shut In: Instant			Lost Returns		0	Cement Slurry		60	Pad
Top Of Cement	SURFACE	5 Min			Cement Returns		19	Actual Displacement		39	Treatment
Frac Gradient		15 Min			Spacers		20	Load and Breakdown			Total Job 119
Rates											
Circulating	4	Mixing			4	Displacement		4	Avg. Job		4
Cement Left In Pipe		Amount	44ft	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						

Planned Pump Schedule

Wexpro Jacks Draw 19 Surface

1. Pressure Test HES Lines

2. Pump Spacer

	Name	Density (lb/gal)	Volume (bbls)	Rate (bpm)	Surfactants
2a.	Water	8.33	20	4	

3. Pump Cement

	Name	Density (lb/gal)	Slurry Volume (bbls)	Rate (bpm)	Mix Water Required (bbls)
3a.	W1 - Premium-Primary	15.8	59.7	4	34.5

4. Shutdown, Drop Top Plug

5. Displacement

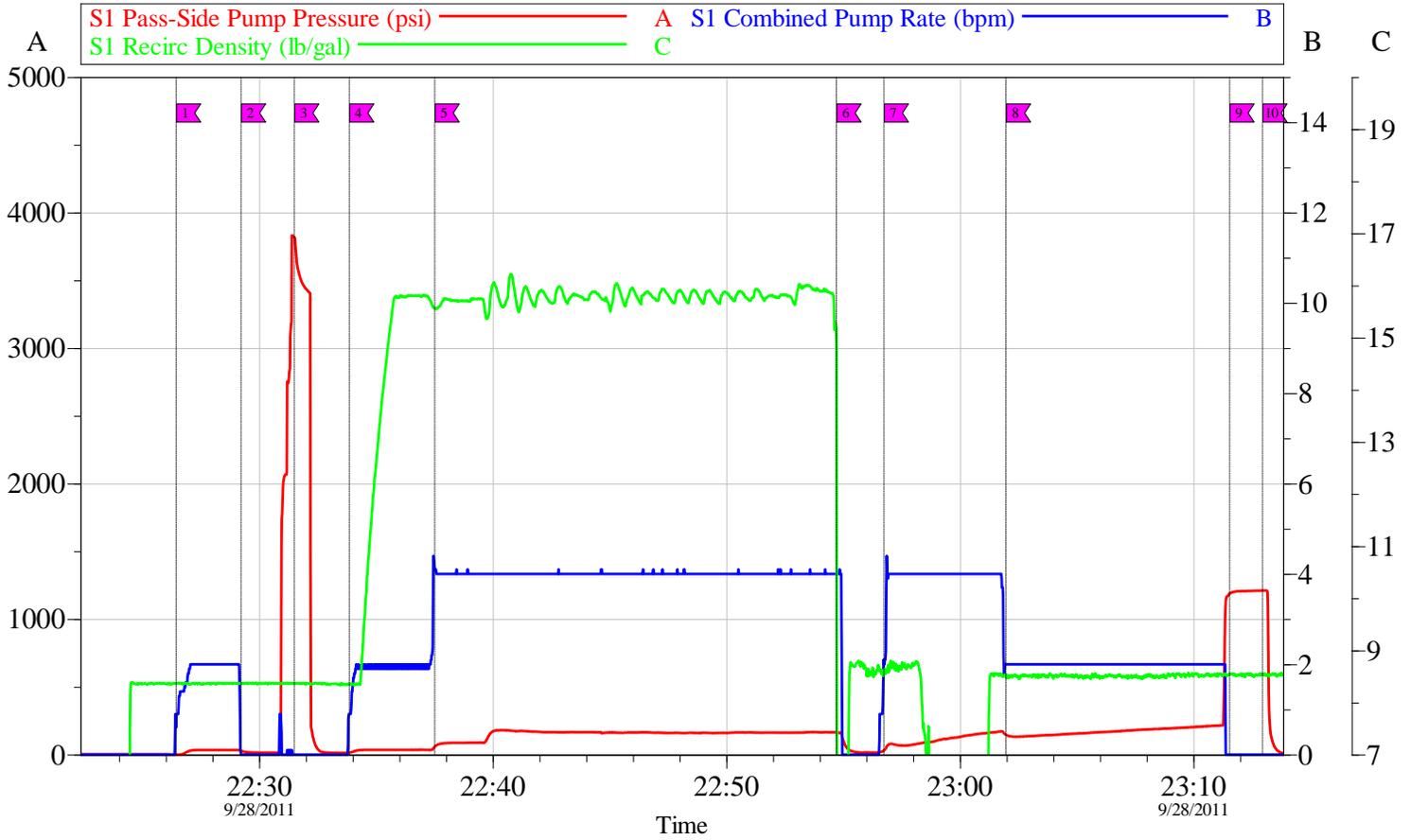
	Name	Density (lb/gal)	Volume (bbls)	Rate (bpm)
5a.	Water	8.33	20.0	4
5b.	Water	8.33	20.0	2

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Field: POWDER WASH	City (SAP): CRAIG	County/Parish: Moffat	State: Colorado
Legal Description: Section 10 Township 11N Range 92W			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor: Wexpro		Rig/Platform Name/Num: SST 88	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: VOLNER, THOMAS		Srvc Supervisor: OLSEN, BARTLEY	MBU ID Emp #: 392185

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	09/28/2011 12:30							
Pre-Convoy Safety Meeting	09/28/2011 14:15							
Crew Leave Yard	09/28/2011 14:30							
Arrive At Location	09/28/2011 17:00							
Assessment Of Location Safety Meeting	09/28/2011 17:10							
Rig-Up Equipment	09/28/2011 17:20							
Rig-Up Completed	09/28/2011 19:00							
Pre-Job Safety Meeting	09/28/2011 22:10							ON BOTTOM AT 21:30 CIRCULATED 4 BBLs/MIN, 62 PSI, 0 UNITS OF GAS
Start Job	09/28/2011 22:26	1						
Pump Water	09/28/2011 22:26	1	2	3	3		35.0	
Shutdown	09/28/2011 22:29	2						
Pressure Test	09/28/2011 22:31	3						PRESSURE TEST HES IRON TO 4000 PSI
Pump Spacer	09/28/2011 22:33	4	4	17	20		15.0	H2O SPACER
Pump Cement	09/28/2011 22:37	5	4	60	60		58.0	290 SKS W1- PREMIUM-PRIMARY AT 15.8 LB/GAL, 1.16 YLD, 4.99 GAL/SK
Shutdown	09/28/2011 22:54	6						
Drop Top Plug	09/28/2011 22:54	6						USED HES TOP PLUG ONLY

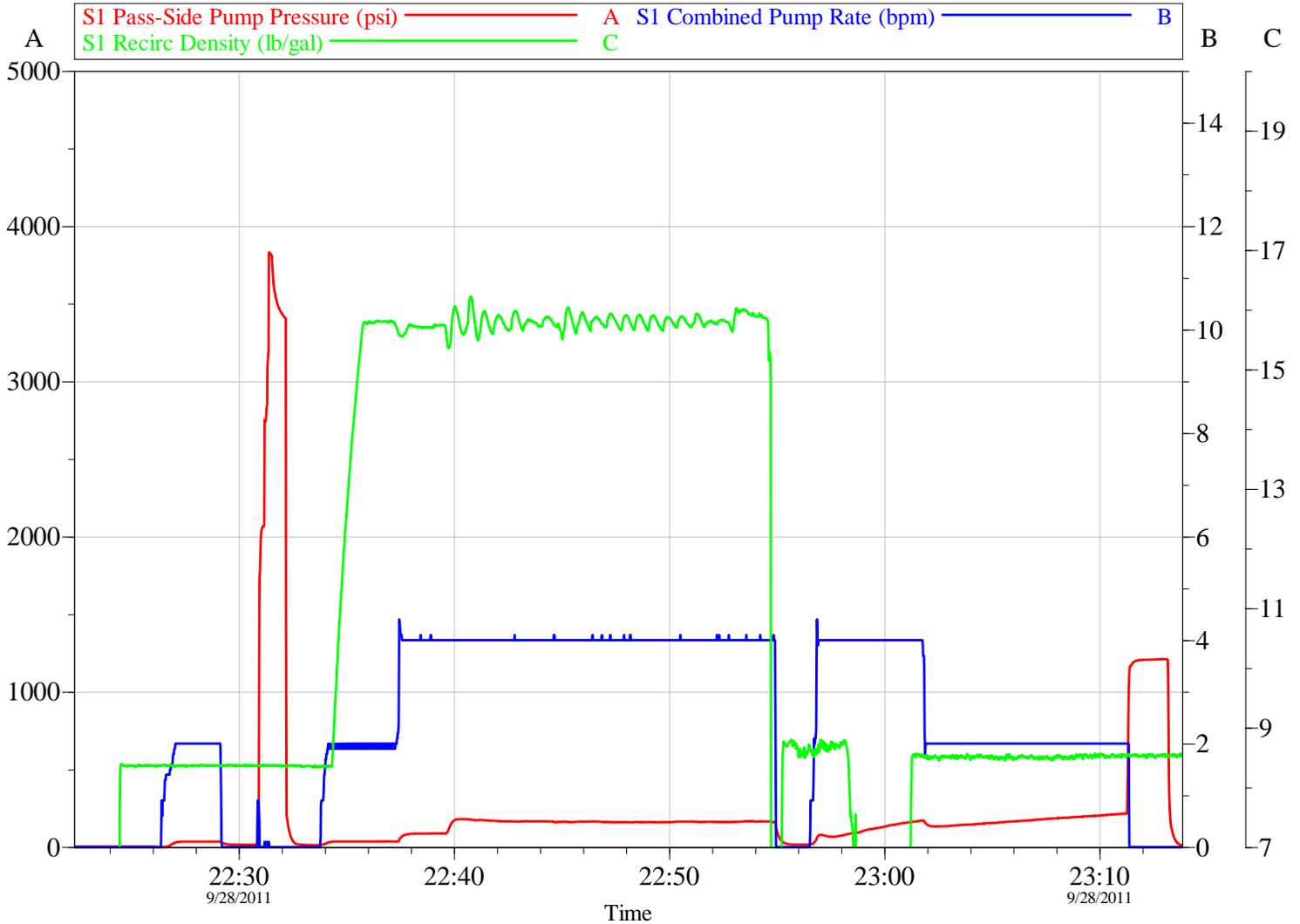
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Displacement	09/28/2011 22:56	7	4	20	20		32.0	H2O DISPLACEMENT
Slow Rate	09/28/2011 23:02	8	2	19	39		146.0	
Bump Plug	09/28/2011 23:11	9					1189.0	FINAL CIRCULATING PRESSURE 250 PSI BROUGHT UP TO 1189 PSI
Check Floats	09/28/2011 23:13	10					1211.0	FLOATS HELD, 0.5 BBL BACK, FULL RETURNS DURING THE JOB 19 BBLS OF CEMENT TO SURFACE
End Job	09/28/2011 23:13	10						
Pre-Rig Down Safety Meeting	09/28/2011 23:20							
Rig-Down Equipment	09/28/2011 23:25							
Rig-Down Completed	09/28/2011 23:54							
Pre-Convoy Safety Meeting	09/29/2011 00:15							
Crew Leave Location	09/29/2011 00:30							NO INJURIES OR SPILLS WHILE ON LOCATION



Intersection	SPPP	Intersection	SPPP	Intersection	SPPP
1 START JOB/FILL LINES	22:26:26 0.000	2 SHUTDOWN	22:29:13 28.40	3 PRESSURE TEST HES IRON	22:31:30 3816
4 PUMP H2O SPACER	22:33:51 15.00	5 PUMP CEMENT	22:37:31 58.66	6 SHUTDOWN/DROP PLUG	22:54:43 165.0
7 START DISPLACEMENT	22:56:45 32.79	8 SLOW RATE	23:01:58 146.3	9 BUMP PLUG/SHUTDOWN	23:11:33 1189
10 CHECK FLOATS/END JOB	23:12:57 1211				

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Well Description: SURFACE	Well #: 19	Supervisor: BART OLSEN

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