
MESA ENERGY PARTNERS LLC

**BDU BDU 6607B G11 299
WILD CAT
Rio Blanco County , Colorado**

**Squeeze Perfs
19-Sep-2010**

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 358666	Ship To #: 2802539	Quote #:	Sales Order #: 7646366
Customer: MESA ENERGY PARTNERS LLC		Customer Rep: Chaney, Phil	
Well Name: BDU	Well #: BDU 6607B G11 299	API/UWI #: 05-103-11601	
Field: WILD CAT	City (SAP): RANGELY	County/Parish: Rio Blanco	State: Colorado
Lat: N 39.894 deg. OR N 39 deg. 53 min. 36.938 secs.		Long: W 108.469 deg. OR W -109 deg. 31 min. 50.228 secs.	
Contractor: FRONTIER		Rig/Platform Name/Num: FRONTIER 2	
Job Purpose: Squeeze Perfs			
Well Type: Development Well		Job Type: Squeeze Perfs	
Sales Person: KOHL, KYLE		Srvc Supervisor: STILLSON, ERIC	MBU ID Emp #: 393789

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
DYK, KORY Stephen	10	421946	JAMISON, PRICE W	10	229155	JENKINS, DEMON Lashaun	10	457892
MUHLESTEIN, RYAN Herrick	10	453609	STILLSON, ERIC W	10	393789			

Equipment

HES Unit #	Distance-1 way						
10616651C	180 mile	10784064	180 mile	10951246	180 mile	10995025	180 mile
11006314	180 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
09-19-10	10	6						

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	19 - Sep - 2010	01:30	MST	
Form Type	BHST		Job Started	19 - Sep - 2010	00:00	MST	
Job depth MD	890. ft	Job Depth TVD	890. ft	Job Completed	19 - Sep - 2010	00:00	MST
Water Depth		Wk Ht Above Floor	4. ft	Departed Loc	19 - Sep - 2010	00:00	MST
Perforation Depth (MD)	<i>From</i>	<i>To</i>					

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
Sales/Rental/3rd Party (HES)											

Description	Qty	Qty uom	Depth	Supplier
R/A DENSOMETER W/CHART RECORDER, /JOB, ZI	1	JOB		
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			
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	Injection Test		30.00	bbl	8.4	.0	.0	2		
2	SqueezeCem	SQUEEZECM (TM) SYSTEM (452971)	50.0	sacks	15.8	1.15	4.97	1.5	4.97	
		4.97 Gal FRESH WATER								
3	Displacement		11.9	bbl	8.4	.0	.0	1.5		
4	REVERSE OUT		24.00	bbl	8.4	.0	.0	5		
5	SqueezeCem	SQUEEZECM (TM) SYSTEM (452971)	225.0	sacks	12.5	1.95	10.88	1.5	10.88	
		10.88 Gal FRESH WATER								
6	Displacement		12.5	bbl	8.4	.0	.0	1.5		
Calculated Values			Pressures			Volumes				
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad		
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment		
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job		
Rates										
Circulating		Mixing		1.5		Displacement		1.5		
Cement Left In Pipe		Amount 0 ft		Reason						
Frac Ring # 1 @		ID	Frac ring # 2 @		ID	Frac Ring # 3 @		ID	Frac Ring # 4 @	
The Information Stated Herein Is Correct				Customer Representative Signature						

The Road to Excellence Starts with Safety

Sold To #: 358666	Ship To #: 2802539	Quote #:	Sales Order #: 7646366
Customer: MESA ENERGY PARTNERS LLC		Customer Rep: Chaney, Phil	
Well Name: BDU	Well #: BDU 6607B G11 299	API/UWI #: 05-103-11601	
Field: WILD CAT	City (SAP): RANGELY	County/Parish: Rio Blanco	State: Colorado
Legal Description:			
Lat: N 39.894 deg. OR N 39 deg. 53 min. 36.938 secs.		Long: W 108.469 deg. OR W -109 deg. 31 min. 50.228 secs.	
Contractor: FRONTIER		Rig/Platform Name/Num: FRONTIER 2	
Job Purpose: Squeeze Perfs			Ticket Amount:
Well Type: Development Well		Job Type: Squeeze Perfs	
Sales Person: KOHL, KYLE		Srvc Supervisor: STILLSON, ERIC	MBU ID Emp #: 393789

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	09/18/2010 20:00							
Pre-Convoy Safety Meeting	09/18/2010 22:30							ENTIRE CREW, OBSERVE ALL SAFE DRIVING PROCEDURES.
Arrive At Loc	09/19/2010 01:30							ARRIVED EARLY
Assessment Of Location Safety Meeting	09/19/2010 01:35							ASSESSED WORK AREA, REVIEWED EMERGENCY PLAN, AND SPOTTED EQUIPMENT
Pre-Rig Up Safety Meeting	09/19/2010 01:55							ENTIRE CREW, WALKED THROUGH RIG UP LOOKING FOR HAZARDS.
Rig-Up Equipment	09/19/2010 02:00							1 PICK UP, 1 HT400 PUMP TRUCK, 1 660 BULK CEMENT TRUCK, 1 SQUEEZE MANIFOLD, 1 DRILL PIPE SWAGE
Pre-Job Safety Meeting	09/19/2010 04:30							ENTIRE CREW CO REPS, AND RIG CREW.
Start Job	09/19/2010 04:58							RETAINER @ 870, 4 1/2 16.6# DRILL PIPE IN 9 5/8 36# CASING, PERFS AT 700, 810, AND 890. CO REP SIGNED CIRCULATION SQUEEZE RELEASE FORM.
Pump Water	09/19/2010 04:59		1	1			500.0	FILL LINES BEFORE TESTING

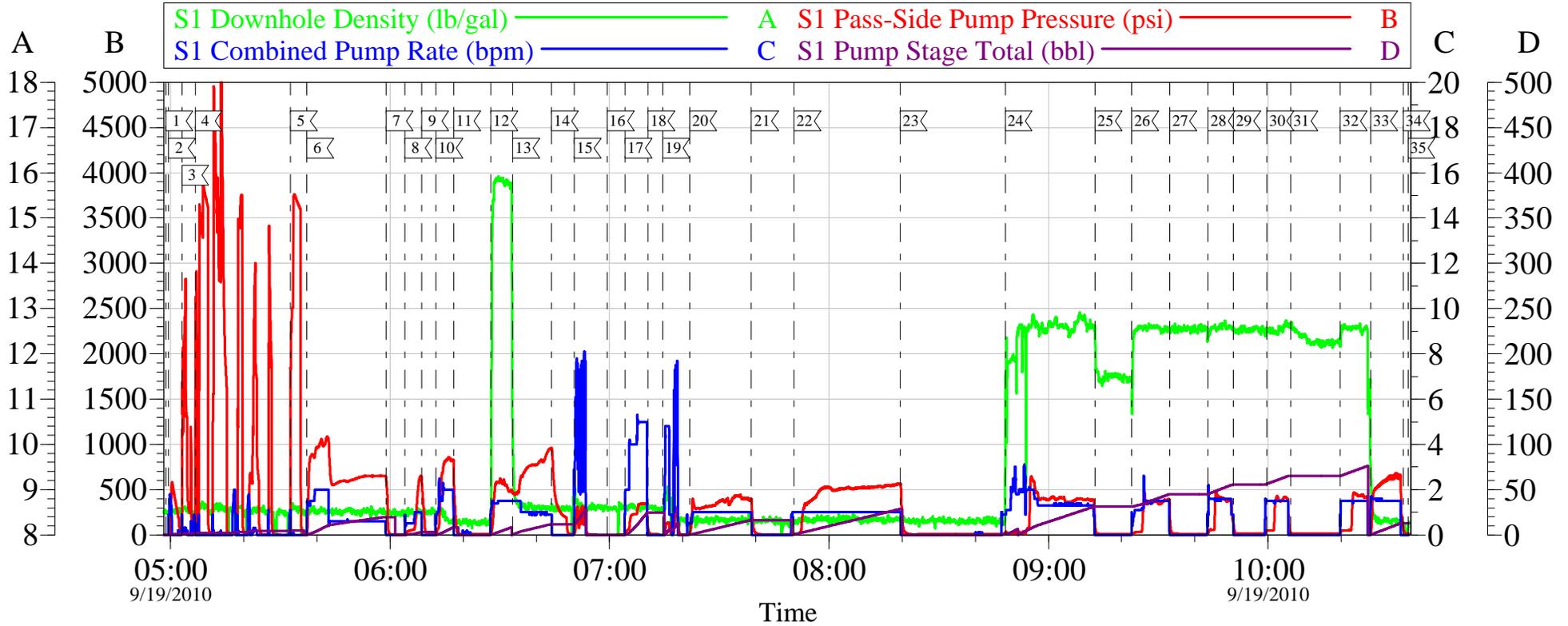
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pressure Test	09/19/2010 05:03		0.5	0.1			3500.0	PRESSURE DID NOT HOLD, WENT THROUGH AND TESTED TRUCK, ALL VAVLES IN MANIFOLD AND THE LINE TO THE BACKSIDE UNTIL FOUND THE PROBLEM, REPLACED LO-TORC ON FLOOR ON DRILL PIPE AND RETESTED.
Pressure Test	09/19/2010 05:32		0.5	0.1			3700.0	PRESSURE HELD, NO LEAKS.
Injection Test	09/19/2010 05:37		2	20			1066.0	SLOWED RATE TO .5 BPM PER CO REP AT 11 BBL GONE. DID NOT GAIN CIRCULATION.
Shutdown	09/19/2010 05:58							
Injection Test	09/19/2010 06:04		1	3			620.0	GAINED RETURNS AS SOON AS STARTING PUMPING, PUMPED 3 BBL AND SHUTDOWN PER CO REP.
Shutdown	09/19/2010 06:08							WAIT 4 MIN
Injection Test	09/19/2010 06:12		2	6.5			845.0	PUMP ANOTHER 6.5 BBL TO MAKE SURE OF GOOD RETURNS.
Shutdown	09/19/2010 06:17							ISIP WAS 825, START MIXING CEMENT AND WEIGH WITH SCALES.
Pump Tail Cement	09/19/2010 06:27		1.5	10			585.0	50 SKS SQUEEZECM, 15.8 PPG, 1.15 CUFT/SK, 4.97 GAL/SK
Pump Displacement	09/19/2010 06:33		1.5	11.9			960.0	LEFT 1/2 BBL ON TOP OF RETAINER PER CO REP.
Shutdown	09/19/2010 06:44							SWAP VALVES TO CLEAN LINES.
Clean Lines	09/19/2010 06:50							CLEAN LINES BEFORE REVERSING OUT.

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Open Bypass / Sting Out	09/19/2010 06:59							RIG STING OUT AND PULLED UP 3 STANDS TO SET DRILL PIPE @596 FT.
Reverse Circ Well	09/19/2010 07:04		5	24			345.0	REVERSED OUT 24 BBLS, NO CEMENT TO PIT.
Clean Lines	09/19/2010 07:14							CLEAN PUMP AND LINES WHILE WAITING ON RIG TO PUT TIW VALVE ON DRILL PIPE.
Circulate Well	09/19/2010 07:21		1	16.5			425.0	PUMP FRESH WATER TO TRY TO ESTABLISH RETURNS , NO RETURNS.
Shutdown	09/19/2010 07:38							
Circulate Well	09/19/2010 07:50		1	29			560.0	NO RETURNS
Shutdown	09/19/2010 08:19							MIX UP CEMENT TUB AND WEIGH WITH SCALES PER CO REP.
Pump Lead Cement	09/19/2010 08:48		1.5	31	31		470.0	225 SKS SQUEEZECEM, 12.5 PPG, 1.95 CUFT/SK, 10.88 GAL/SK, HESITATED 4 TIMES.
Shutdown	09/19/2010 09:12							SHUTDOWN WAIT 10 MIN PER CO REP, STILL NO RETURNS.
Pump Lead Cement	09/19/2010 09:22		1.5	14	45		400.0	NO RETURNS
Shutdown	09/19/2010 09:33							WAIT 10 MINS.
Pump Lead Cement	09/19/2010 09:43		1.5	10	55		420.0	NO RETURNS
Shutdown	09/19/2010 09:50							WAIT 10 MIN
Pump Lead Cement	09/19/2010 09:59		1.5	10	65		425.0	NO RETURNS
Shutdown	09/19/2010 10:06							WAIT 15 MIN.
Pump Lead Cement	09/19/2010 10:19		1.5	13	78		465.0	PUMP REST OF CEMENT

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Displacement	09/19/2010 10:28		1.5	12.5			650.0	FRESH WATER DISPLACEMENT, GOT A SMALL TRICKLE OF RETURNS THE LAST 4 BBLS.
Shutdown	09/19/2010 10:37							RIG SHUT IN TIW VALVE ON DRILL PIPE, RELEASE PRESSURE ON HES IRON
End Job	09/19/2010 10:38							
Post-Job Safety Meeting (Pre Rig-Down)	09/19/2010 10:40							ENTIRE CREW
Rig-Down Equipment	09/19/2010 11:00							
Pre-Convoy Safety Meeting	09/19/2010 12:25							ENTIRE CREW
Crew Leave Location	09/19/2010 12:30							THANK YOU FOR USING HALLIBURTON, ERIC STILLSON AND CREW.

MESA ENERGY PARTNERS

SQUEEZE PERFS



Local Event Log								
1	START JOB	04:58:45	2	FILL LINES	04:59:21	3	TEST LINES	05:03:05
4	TEST VALVES/FIND PROBLEM	05:06:42	5	RETEST LINES/TEST GOOD	05:32:43	6	PUMP INJECTION TEST	05:37:15
7	SHUTDOWN	05:58:56	8	PUMP INJECTION TEST	06:04:05	9	SHUTDOWN	06:08:39
10	PUMP INJECTION TEST	06:12:32	11	SHUTDOWN	06:17:23	12	PUMP TAIL CEMENT	06:27:35
13	PUMP DISPLACEMENT	06:33:30	14	SHUTDOWN	06:44:09	15	CLEAN LINES	06:50:19
16	STING OUT	06:59:20	17	REVERSE CIRCULATE WELL	07:04:16	18	SHUTDOWN	07:10:27
19	CLEAN PUMP/LINES	07:14:32	20	CIRCULATE WELL	07:21:56	21	SHUTDOWN	07:38:48
22	CIRCULATE WELL	07:50:25	23	SHUTDOWN	08:19:28	24	PUMP LEAD CEMENT	08:48:12
25	SHUTDOWN	09:12:47	26	PUMP LEAD CEMENT	09:22:46	27	SHUTDOWN	09:33:07
28	PUMP LEAD CEMENT	09:43:38	29	SHUTDOWN	09:50:37	30	PUMP LEAD CEMENT	09:59:41
31	SHUTDOWN	10:06:14	32	PUMP LEAD CEMENT	10:19:48	33	PUMP DISPLACEMENT	10:28:02
34	SHUTDOWN	10:37:03	35	END JOB	10:38:18			

Customer: MESA ENERGY	Job Date: 19-Sep-2010	Sales Order #: 7646366
Well Description: BDU 6607B-G11-299	Job Type: SQUEEZE	ADC Used: YES
Company Rep: PHIL CHANEY	Cement Supervisor: ERIC STILLSON	Elite #: 4/RYAN MUHLESTEIN