

**SYNERGY RESOURCES CORPORATION
20203 HIGHWAY 60
PLATTEVILLE, Colorado**

SRC Pratt 24-2D

Ensign 136

Post Job Summary **Cement Production Casing**

Date Prepared: 12/5/2012
Version: 1

Service Supervisor: VIGIL, NICHOLAS

Submitted by: KENNEDY, HERRON

HALLIBURTON

HALLIBURTON

Wellbore Geometry

Job Tubulars					MD		Shoe Joint Length ft
Type	Description	Size in	ID in	Wt lbm/ft	Top ft	Bottom ft	
Casing	Production Casing	4.50	4.000	11.60	0.00	7,795.00	18.00
Open Hole Section	Open Hole		7.875		614.00	7,833.00	
Casing	Surface Casing	8.63	8.097	24.00	0.00	614.00	

Pumping Schedule

Stage /Plug #	Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Surface Volume	Downhole Volume
1	1	Spacer	MUD FLUSH III	8.40		.0
1	2	Cement Slurry	EXTENDACEM B1	11.50	475.0 sacks	475.0 sacks
1	3	Cement Slurry	FracCem B2	13.50	245.0 sacks	245.0 sacks

Fluids Pumped

Stage/Plug # 1 Fluid 1: MUD FLUSH III
MUD FLUSH III - SBM (528788)

Fluid Density: 8.40 lbm/gal

Stage/Plug # 1 Fluid 2: EXTENDACEM B1
EXTENDACEM (TM) SYSTEM

Fluid Weight: 11.50 lbm/gal
Slurry Yield: 2.30 ft³/sack
Total Mixing Fluid: 12.93 Gal
Surface Volume: 475.0 sacks
Sacks: 475.0 sacks
Calculated Fill: 5,300.00 ft
Calculated Top of Fluid: 1,600.00 ft

Stage/Plug # 1 Fluid 3: FracCem B2
FRACCEM (TM) SYSTEM

HALLIBURTON

Fluid Weight: 13.50 lbm/gal

Slurry Yield: 1.74 ft³/sack
Total Mixing Fluid: 8.30 Gal
Surface Volume: 245.0 sacks
Sacks: 245.0 sacks
Calculated Fill: 1,000.00 ft
Calculated Top of Fluid: 6,900.00 ft

HALLIBURTON

Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump		Pressure (psig)	Comments
11/19/2012 06:21		Start Job						RIG DOWN SAFETY MEETING
11/19/2012 06:22		Test Lines						PRESSURE TESTED LINES TO 3500 PSI
11/19/2012 06:25		Pump Spacer 1	6	20			358.0	WATER
11/19/2012 06:28		Pump Spacer 2	6	24			430.0	MUDFLUSH
11/19/2012 06:32		Pump Spacer 1	6	20			506.0	WATER
11/19/2012 06:34		Drop Bottom Plug						
11/19/2012 06:36		Pump Lead Cement	8	194.5			173.0	11.5 PPG EXTENDACEM (475 SKS)
11/19/2012 07:01		Pump Tail Cement	8	75.9			281.0	13.5 PPG FRACCEM (245 SKS)
11/19/2012 07:07		Check Floats						FLOATS HELD
11/19/2012 07:13		Shutdown						
11/19/2012 07:14		Clean Lines						
11/19/2012 07:17		Drop Top Plug						LOADED PLUG WHILE CLEANING LINES
11/19/2012 07:20		Pump Displacement	10	121			808.0	
11/19/2012 07:36		Bump Plug	3.5				1594.0	CALCULATED PRESSURE TO LAND WAS 915 PSI, COMPANY MAN WANTED PLUG BUMPED AT 2500 PSI
11/19/2012 07:40		End Job						RIG DOWN SAFETY MEETING
11/19/2012 07:52		Arrive At Loc						WELL SITE ASSESMENT,HAZARD HUNT,WATER TEST,RIG UP SAFETY MEETING, WAITED FOR RIG TO FINISH RUNNING CASING

The Road to Excellence Starts with Safety

Sold To #: 359915	Ship To #: 2963543	Quote #:	Sales Order #: 900011969
Customer: SYNERGY RESOURCES CORPORATION		Customer Rep: Montoya, Chris	
Well Name: SRC Pratt		Well #: 24-2D	API/UWI #: 05-123-33218
Field: Wattenberg	City (SAP): JOHNSTOWN	County/Parish: Weld	State: Colorado
Lat: N 40.34 deg. OR N 40 deg. 20 min. 23.453 secs.		Long: W 104.975 deg. OR W -105 deg. 1 min. 29.935 secs.	
Contractor: Ensign		Rig/Platform Name/Num: 136	
Job Purpose: Cement Production Casing			
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: AARON, WESLEY	Srvc Supervisor: VIGIL, NICHOLAS		MBU ID Emp #: 443481

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BROOM, KENDALL L	0.0	524682	CHISLUM, DENNIS	0.0	512130	LANGE, TIMOTHY Paul	0.0	520811
OTERI, VAUGHN Steeves	0.0	443828	VIGIL, NICHOLAS Joseph	0.0	443481			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10025030	30 mile	10857080C	30 mile	10866497C	30 mile	11667703C	30 mile
11764737	30 mile	53301	30 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

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	18 - Nov - 2012	22:30	MST
Form Type		BHST	On Location	19 - Nov - 2012	01:45	MST
Job depth MD	8339. ft	Job Depth TVD	Job Started	19 - Nov - 2012	06:21	MST
Water Depth		Wk Ht Above Floor	Job Completed	19 - Nov - 2012	07:38	MST
Perforation Depth (MD)	From	To	Departed Loc	19 - Nov - 2012	08:30	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
Open Hole				7.875				614.	7833.	.	.
Production Casing	Unknown		4.5	4.	11.6			.	7795.	.	.
Surface Casing	Unknown		8.625	8.097	24.			.	614.	.	.

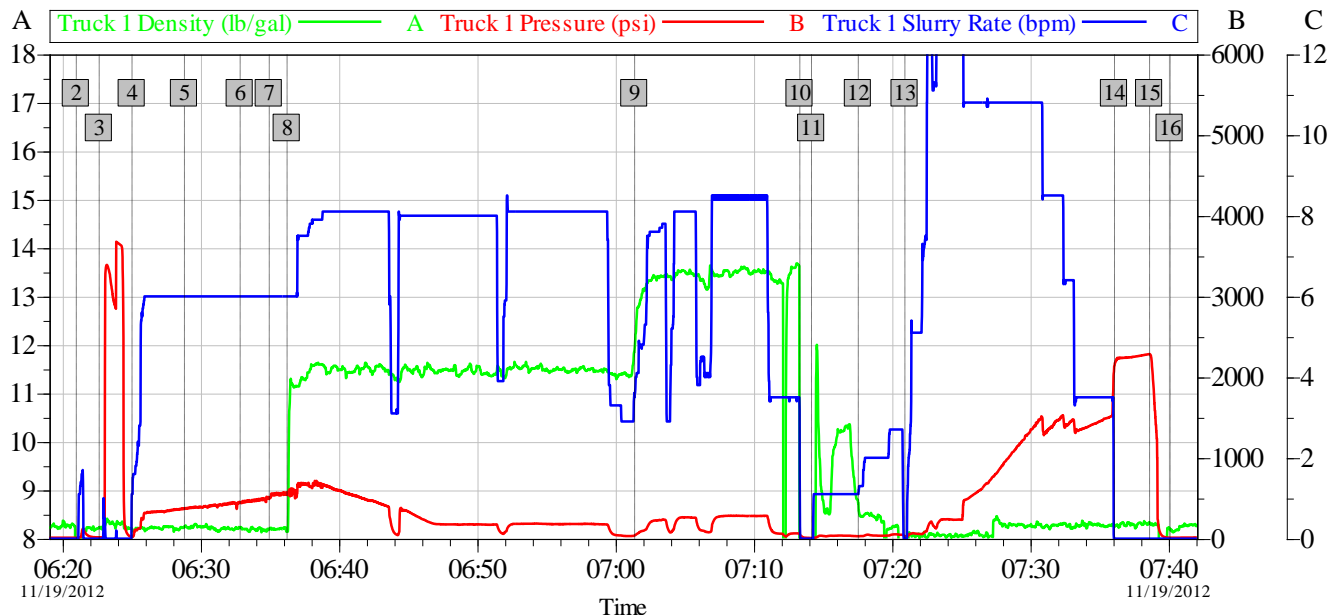
Fluid Data

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	MUD FLUSH III	MUD FLUSH III - SBM (528788)		bbl	8.4	.0	.0	.0	
2	EXTENDACEM B1	EXTENDACEM (TM) SYSTEM (452981)	475.0	sacks	11.5	2.3	12.93		12.93
	12.93 Gal	FRESH WATER							
3	FracCem B2	FRACCEM (TM) SYSTEM (452963)	245.0	sacks	13.5	1.74	8.3		8.3
	8.3 Gal	FRESH WATER							
The Information Stated Herein Is Correct			Customer Representative Signature						

Data Acquisition

Synergy SRC Pratt 24-2D 4.5 Production



Global Event Log

2 Start Job	06:21:01	3 Test Lines	06:22:40	4 20 Water	06:25:03
5 24 Mud Flush	06:28:50	6 20 Water	06:32:52	7 Drop Bottom Plug	06:34:58
8 11.5 ppg ExtendaCem	06:36:16	9 13.5 ppg FracCem	07:01:24	10 Shutdown	07:13:21
11 Clean Lines	07:14:11	12 Drop Plug	07:17:34	13 Pump Displacement	07:20:57
14 Bump Plug	07:36:05	15 Check Floats	07:38:38	16 End Job	07:40:07

Customer:	Job Date: 19-Nov-2012	Sales Order #: 900011969
Well Description:	UWI:	

OptiCem v6.4.10
19-Nov-12 07:51

