

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

Avex
Avex 41-10D

Ensign/136

Post Job Summary

Cement Surface Casing

Date Prepared: 10/01/2012
Version: 1

Service Supervisor: CLEMONS, WILLIAM

Submitted by: MCKAY, ADAM

HALLIBURTON

Wellbore Geometry

Job Tubulars					MD		TVD		Excess	Shoe Joint Length
Type	Description	Size in	ID in	Wt lbm/ft	Top ft	Bottom ft	Top ft	Bottom ft	%	ft
Open Hole Section	Open Hole		12.250		0.00	650.00	0.00	650.00		
Casing	Surface Casing	8.63	8.097	24.00	0.00	650.00	0.00	650.00		

Pumping Schedule

Stage /Plug #	Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Avg Rate bbl/min	Surface Volume	Downhole Volume
1	1	Spacer	Fresh Water Spacer	8.33	6.00	10.0 bbl	10.0 bbl
1	2	Cement Slurry	SWIFTCEM B2	13.40	5.00	175.0 sacks	175.0 sacks

Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump	Pressure (psig)	Comments
09/23/2012 02:05		Test Lines					PSI TESTED LINES TO 2000 PSI NO VISIBLE LEAKS
09/23/2012 02:06		Pump Spacer 1	2	40		20.0	RIG WATER
09/23/2012 02:19		Pump Spacer 2	6	10		110.0	RIG WATER WITH 2 BOTTLES OF DYE MIXED
09/23/2012 02:22		Pump Cement	5	57		113.0	175 SKS SWIFCEM B2 MIXED @ 13.4 # WITH RIG WATER
09/23/2012 02:34		Shutdown					SHUTDOWN WITH 57 BBLS OF CEMENT PUMPED
09/23/2012 02:35		Drop Top Plug					PLUG PRE LOADED WITNESSED BY COMPANY REP
09/23/2012 02:37		Pump Displacement	4	38.5		45.0	STARTED H2O DISPLACEMENT
09/23/2012 02:51		Bump Plug				200.0	BUMPED PLUG WITH 38.5 BBLS PUMPED & BROUGHT PSI TO 900 PER CoMan
09/23/2012 02:53		Check Floats				.0	FLOATS HELD WITH 1/2 BBL BACK TO TRUCK
09/23/2012 02:54		End Job					SUCCEFULLY PUMPED SURFACE WITH 5 BBLS BACK TO SURFACE, PLUG BUMPED, AND FLOATS HELD WITH 1/2 BBL BACK TO TRUCK. COMPANY MAN REQUESTED THAT WE TAKE 4 OF THE 8 CENTRALIZERS BACK AND THAT THE BE TAKEN OFF THE TICKET.

The Road to Excellence Starts with Safety

Sold To #: 359915	Ship To #: 2953220	Quote #:	Sales Order #: 9836668
Customer: SYNERGY RESOURCES CORPORATION		Customer Rep: Weitzel, Craig	
Well Name: Avex		Well #: 41-10D	API/UWI #:
Field: WATTENBERG	City (SAP): JOHNSTOWN	County/Parish: Weld	State: Colorado
Contractor: Ensign		Rig/Platform Name/Num: 136	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: AARON, WESLEY		Srvc Supervisor: CLEMONS, WILLIAM	MBU ID Emp #: 407973

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BOURGEOIS, KEVIN Paul	0.0	459092	BROOM, KENDALL L	0.0	524682	CLEMONS, WILLIAM Edward	0.0	407973
NIELSON, BRANDON K	0.0	479703						

Equipment

HES Unit #	Distance-1 way						
10248062C	30 mile	10824253C	30 mile	10951212	30 mile	11142999	30 mile

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
			<i>Total is the sum of each column separately</i>					

Job				Job Times			
Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
				On Location	22 - Sep - 2012	21:30	MST
Form Type			BHST	Job Started	22 - Sep - 2012	23:30	MST
Job depth MD	653. ft		Job Depth TVD	653. ft	Job Started	23 - Sep - 2012	02:02
Water Depth			Wk Ht Above Floor	4. ft	Job Completed	23 - Sep - 2012	02:53
Perforation Depth (MD)	<i>From</i>		<i>To</i>		Departed Loc	23 - Sep - 2012	04:00

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				12.25				.	650.	.	650.
Surface Casing	Mixed		8.625	8.097	24.			.	650.	.	650.

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
SHOE,GID,8-5/8 8RD	1	EA		
CLR,FLT,TROPHY SEAL,8-5/8 8RD	1	EA		
PLUG,CMTG,TOP,8 5/8,HWE,7.20 MIN/8.09 MA	1	EA		
CENTRALIZER ASSY - API - 8-5/8 CSG X	4	EA		
CLAMP - LIMIT - 8-5/8 - HINGED -	2	EA		
BASKET - CEMENT - 8 5/8 CSG X 12 1/4	1	EA		
KIT,HALL WELD-A	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	Fresh Water Spacer						10.00	bbl	8.33	.0	.0	.0		
2	SWIFCEM B2	SWIFCEM (TM) SYSTEM (452990)					175.0	sacks	13.4	1.84	9.73		9.73	
9.73 Gal		FRESH WATER												
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		Displacement		Avg. Job								
Cement Left In Pipe		Amount	0 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									