

**Cementing Report****Swift Energy**

Well ID: 421019558

Well Name: Waters 34-12-32 #1H

Field: Wildcat

Sect: 032 Town: 34N Rng: 12W County: La Plata State: CO

CEMENT JOB INFORMATION

Start Date/Time:	25-Aug-13 18:30	Well Bore:	Pilot Hole
Job Type:	PRIMARY	String OD (ins):	13.375
Well Section:	SURF	String Type:	FULL
Cementing Co:	BAKER	Cementing Engineer:	Brandon Sis

PRIMARY JOB DETAIL

	Volume (bbls)	Pump Time	Rate (bbls/min)	Pressure (psi)
Conditioning Data:		10	3.5	0
Cement Data:	111.0	30	4.0	300
Displacement Data:	89.0	35	4.0	220
Calc. Displacement Vol:	89.0			
<input type="checkbox"/> Reciprocate Pipe?	<input type="checkbox"/> Batch Mix?	<input checked="" type="checkbox"/> Bump Plug?	Bump Pressure:	400
Returns to Surface:	FULL	<input checked="" type="checkbox"/> Cement at Surface?	Volume (bbls):	30.0
Calc Top of Cement (ft):	0	Excess (%): 35.00 %	Avg. Hole Size (ins):	17.500

SLURRY INFORMATION

Type	Density	Yield	Sacks	Volume	Rate	Additives
CL G	15.80	1.16	537	111.0	4.0	CaCl, Cello Flake, GW-3LDF, FL-52A

POSTJOB INFORMATION

Liner Top Test (lbs/gal):	Job Success?	No
Shoe Test (lbs/gal):	CBL Bond Quality:	
Actual Top of Cmt (ft):		
Misc. Comments:	Cement job pumped as planned	



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CEMENT JOB INFORMATION

Start Date/Time:	10-Sep-13 00:00	Well Bore:	Pilot Hole
Job Type:	PRIMARY	String OD (ins):	9.625
Well Section:	INT1	String Type:	FULL
Cementing Co:	BAKER	Cementing Engineer:	Jason Thomas

PRIMARY JOB DETAIL

	Volume (bbls)	Pump Time	Rate (bbls/min)	Pressure (psi)
Conditioning Data:		4	5.0	170
Cement Data:	101.0	20	5.0	225
Displacement Data:	106.0	25	5.0	1,144
Calc. Displacement Vol:	106.0			
<input checked="" type="checkbox"/> Reciprocate Pipe?	<input checked="" type="checkbox"/> Batch Mix?	<input checked="" type="checkbox"/> Bump Plug?	Bump Pressure:	1,144
Returns to Surface:	FULL	<input checked="" type="checkbox"/> Cement at Surface?	Volume (bbls):	6.0
Calc Top of Cement (ft):	0	Excess (%): 15.00 %	Avg. Hole Size (ins):	12.250

SLURRY INFORMATION

Type	Density	Yield	Sacks	Volume	Rate	Additives
SPACER	8.34			30.0	4.0	Fresh Water & Seal Bond
LEAD	12.10	2.13	200	76.0	5.0	Type Premium Lite
TAIL	14.50	1.4	100	25.0	5.0	Type 3 Cement
DISPLACE	8.34			106.0	5.0	Displaced with fresh water

POSTJOB INFORMATION

Liner Top Test (lbs/gal):	Job Success?	Yes
Shoe Test (lbs/gal):	CBL Bond Quality:	GOOD
Actual Top of Cmt (ft):	0	
Misc. Comments:	Good cement job. Bumped plug and got cement back to surface.	



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CEMENT JOB INFORMATION

Start Date/Time:	22-Sep-13 10:00	Well Bore:	Pilot Hole
Job Type:	PLUG	Cementing Engineer:	Matthew Bunnell
Cementing Co:	BAKER		

PLUG JOB DETAIL

Plug Type:	Isolation Plug		
Plug: Top (ft):	3,020	Bottom (ft):	3,120
		Length (ft):	100
Calc. Displacement Vol (bbls):	37.300	Hole Size at Plug (ins):	9.570

	Volume (bbls)	Pump Time	Rate (bbls/min)	Volume (psi)
Conditioning Data:		360	7.4	170
Cement Data:	9.5	5	2.5	30
Displacement Data:	35.5	13	2.0	100

SLURRY INFORMATION

Type	Density	Yield	Sacks	Volume	Rate	Additives
SPACER	8.40			15.0	2.0	Fresh water
CL G	17.50	0.94	53	9.5	2.5	Class G, 0.004% Static Free, 0.1% R-3, 0.4% CD-32, 0.005 gal/sk FP-6L
SPACER	8.40			1.1	2.0	Fresh water
DISPLACE	9.00			34.4	2.0	9 lb/gal WBM

POSTJOB INFORMATION

Actual Top of Cmt (ft):		Job Success?	Yes
Misc. Comments:	1st cement plug set across Dakota from 3,020' to 3,120'.		



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Start Date/Time:	22-Sep-13 11:50	Well Bore:	Pilot Hole
Job Type:	PLUG	Cementing Engineer:	Matthew Bunnell
Cementing Co:	BAKER		

PLUG JOB DETAIL

Plug Type:	Kick-off Plug		
Plug: Top (ft):	1,300	Bottom (ft):	2,000
		Length (ft):	700
Calc. Displacement Vol (bbls):	17.900	Hole Size at Plug (ins):	9.160

	Volume (bbls)	Pump Time	Rate (bbls/min)	Volume (psi)
Conditioning Data:		30	7.4	150
Cement Data:	56.0	22	2.5	120
Displacement Data:	16.0	5	2.5	100

SLURRY INFORMATION

Type	Density	Yield	Sacks	Volume	Rate	Additives
SPACER	8.40			15.0	2.0	Fresh water
CL G	17.50	0.94	352	56.0	2.5	Class G, 0.004% Static Free, 0.1% R-3, 0.4% CD-32, 0.005 gal/sk FP-6L
SPACER	8.40			1.0	2.5	Fresh water
DISPLACE	9.00			15.0	2.5	9 lb/gal WBM

POSTJOB INFORMATION

Actual Top of Cmt (ft):		Job Success?	No
Misc. Comments:	2nd plug; Kick-off plug set from 1,300' to 2,000'		