

Tecton Energy LLC

**Barbara Page
201**

**API Well No.:
30-001-20014
Sec 20 / Twp 10 N / Rng 01 E**

RECEIVED

NOV 27 2006

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

**11/21/2006
Bernalillo
County**

13 3/8 Surface

Customer Representative:
Roy Johnson
Halliburton Operator:
Steve Stromberg
Ticket No.:
4757010

Halliburton

Cement & Equipment Summary

Job Type 13 3/8 Surface

Casing	Size	Weight	Grade	<i>Measured</i> Depth	Total Casing
Surface	13 3/8	48		938	938
Intermediate					
Production					
Tubing					
Drill Pipe					
Open Hole	17 1/2			938	

Cement Data

Spacer 30 Bbls Superflush XLP

Cement 1 PRB II 390 Sacks
Additives 5# Gilsomite

Weight (lb/gal) 12.00 Yield (cuft/sk) 2.55 Water (gal/sk) 14.39

Cement 2 PRB II 230 Sacks
Additives 5# Phenoseal

Weight (lb/gal) 13.00 Yield (cuft/sk) 2.00 Water (gal/sk) 10.68

Displacement H2O 8.33 lb/gal 140 Bbls

Cement Equipment

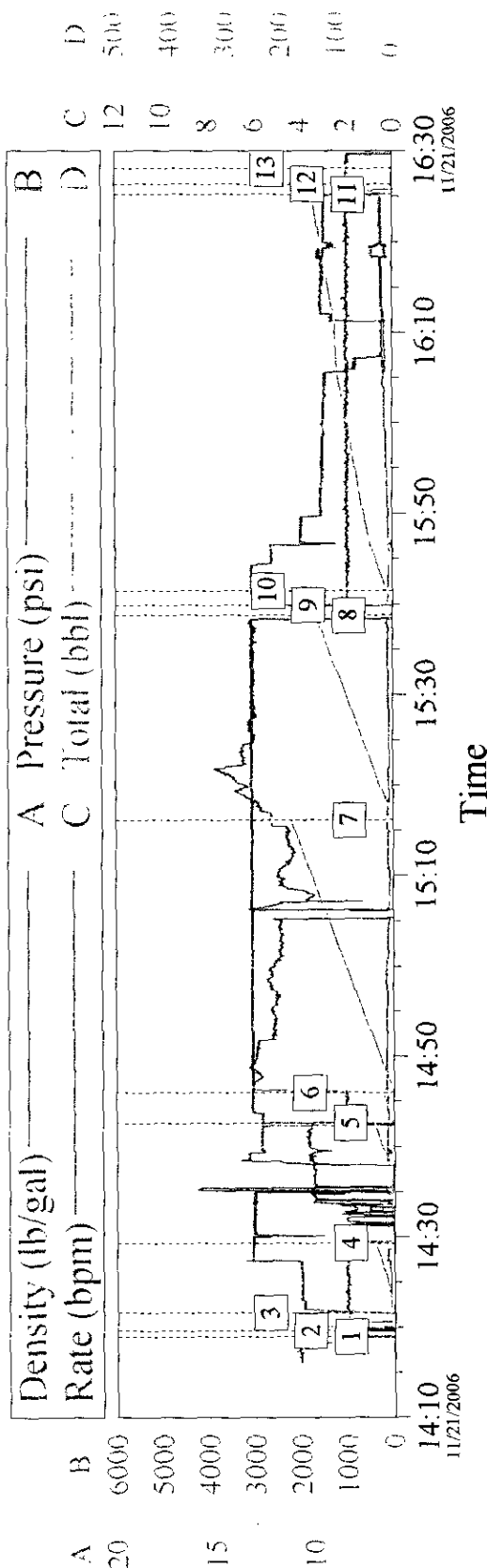
Provider	HES		Centralizers		
Guide Shoe	1	ea.	Plug Type	13 3/8	12 ea.
Float Shoe		ea.	Packer		ft.
Float Collar	1	ea.	Retainer		ft.
DV Tool		ft.			

[illegible]

[illegible]

13 3/8" Surface Pipe.

Barbara Page # 201



Event Log			
Intersection	PP	Intersection	PP
1 Start Job	14:18:58 -1.925	2 Test Lines	14:19:37 14.96
3 Pump Spacer 1	14:21:38 9.616	4 Pump Spacer 2	14:29:21 28.87
5 Pump Spacer 1	14:42:39 114.7	6 Pump Lead Cement	14:45:59 133.8
7 Pump Tail Cement	15:16:06 120.3	8 Drop Top Plug	15:38:47 10.59
9 Pump Displacement	15:39:55 109.2	10 Disp. Reached Cement	15:41:29 84.84
11 Bump Plug	16:25:13 988.2	12 Test Float	16:26:21 -24.06
13 End Job	16:28:03 -8.660		

HALLIBURTON
CenWin v1.7.0
21-Nov-06 17:17

Customer: Tectron Energy	Job Date: 11/21/06	Ticket #: 4757010
Well Desc: Barbara Page #201	Job Type: 13 3/8" Surface Pipe	Stromberg Eaves

Cementing Calculations for Surface Pipe and Production Strings

Well Information

Hole Size	17 1/2 in
TD	939 ft
Casing Size	13 3/8 in
Casing Depth	938 ft
Casing Weight	48 lb/ft
Shoe Joint Length	46 ft
Float Collar @	892 ft
Wellbore Fluid	9.3 lb/gal
Spacer/Flush	10 lb/gal
Displacement Fluid	8.33 lb/gal
Desired TOC	0 ft

Redbook Information

	lin.ft./bbl	bbls/lin.ft	lin.ft/cuft	cuft/lin.ft
V&H; Casing&Hole	8.0828	0.1237	1.4396	0.6946
Casing Capacity	6.37	0.157	1.134	0.8817
Buoyancy Factor	0.8727			
Cement Fill Volumes				
Tail Cement	bbls			
Shoe Joint	7.22			
Annulus Cement	74.70			

Cement/Slurry Information

	Tail Cement	Lead Cement 1	Lead Cement 2
Density (lb/gal)	13.00	12.00	0.00
Yield (cuft/sk)	2.00	2.55	0.00
Water Req.(gal/sk)	10.68	14.39	0.00
Spacer/Flush (bbls)		50.00	0.00
Initial Sacks	115.00	195.00	0.00
Calculated cu.ft.	230.00	497.25	0.00
% Excess	100.00	100.00	0.00
Total cu.ft.	460.00	994.50	0.00
Water Req.(bbls)	58.49	133.62	0.00
Sacks Required	230.00	390.00	0.00
Barrels of Slurry	81.93	177.12	0.00
Lineal Feet	603.82	1431.63	0.00
Excess BBLS		135.63	0.00
Top of Cement	335.18	0.00	0.00
Spacer/Flush (ft)		0.00	0.00

Calculated Values

Displacement	140.04 bbls
PSI to Land Plug	425.36 psi
Top of Cement	
Tall	335.18 ft
Lead 1	0 ft
Lead 2	0 ft
Cement Excess	135.63 bbls
PSI to Lift Pipe	279.6601 psi

NOTE! The lineal feet of Spacer/Flush is on TOC & not pumped out of the annulus

Differential Pressure

	Density	Hydrostatic factor	Feet	Hydrostatic PSI	Differential PSI
Well Fluid	9.3	0.4831			
Disp. Fluid	8.33	0.4327	892.00	386.01	
Tail Cement	13	0.6754	892.00	602.41	
Lead Cement 1	12	0.6234	335.18	208.95	
Lead Cement 2	0	0.0000	0.00	0.00	
Spacer/Flush	10	0.5195	0.00	0.00	
			Total	811.36	425.36

Displacement in bbls

140.04

Absolute Volume

Tall	1720.52 gals
Lead 1	3719.68 gals
Lead 2	0.00 gals

Customer Tecton Energy LLC
Well Name Barbara Page
Lease # 201
County Bernalillo
Ticket # 4757010
Date November 21, 2006
Cementer Steve Stromberg

Well Schematic

