

# OIL WELL CEMENTING, INC.



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REF. INVOICE # 10552

LOCATION WCR 52+63

FOREMAN CALVIN REIMERS

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
10-24-11	Rothe 43-30	30	5N	63W	Weld	

CHARGE TO <u>Bill Barrett Corp.</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Bill Barrett Corp.</u>
CITY	CONTRACTOR <u>PATTERSON Rig 189</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>6:30 pm.</u>	TIME LEFT LOCATION <u>12:45 Am.</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>724</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PBTD 677.12</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>718.18</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>24 lb.</u>	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM	
CASING CONDITION <u>Good</u>			<input type="checkbox"/> PRODUCTION CASING	INITIAL BPM	
			<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM	
			<input type="checkbox"/> ACID BREAKDOWN	MINIMUM BPM	
			<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM	
			<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM	
			<input type="checkbox"/> MISC PUMP		
			<input type="checkbox"/> OTHER	HYD HHP = RATE X PRESSURE X 40.8	

PRESSURE SUMMARY			
BREAKDOWN or CIRCULATING	psi	AVERAGE	psi
FINAL DISPLACEMENT	psi	ISIP	psi
ANNULUS	psi	5 MIN SIP	psi
MAXIMUM	psi	15 MIN SIP	psi
MINIMUM	psi		

INSTRUCTIONS PRIOR TO JOB Rig up, Safety Meeting, Per Company Man, Circ 40 bbls H<sub>2</sub>O with KCL + Dyex 16 in 2<sup>nd</sup> 10 bbls, Max pump till good Dye is seen then pump tub only at 152 lbs. 1.27 yield, Drop plug, Displace 43.1 bbls H<sub>2</sub>O, Bump plug at 150 Psi over Lift Psi, Wait 5 min. then bleed off Psi, Wash up, Rig down, We have 700 sks, 32 oz Dyex, 19 qts KCL, Rig to Circ at more than 7 bbls/min to Pop out Tabs on Float Collar

### JOB SUMMARY

DESCRIPTION OF JOB EVENTS Safety Meeting 10:15 pm, Circ 10:42 pm, Cement 10:49 pm to 11:31 pm  
Drop Plug 11:34 pm, Displace 11:35 pm  
10 bbls 400 Psi 11:37 pm 7.0 bbls/min  
20 bbls 420 Psi 11:39 pm 7.0 bbls/min  
30 bbls 510 Psi 11:40 pm 7.0 bbls/min  
40 bbls 410 Psi 11:50 pm 4.5 bbls/min  
43.1 bbls 310 Psi 11:52 pm 1.0 bbls/min  
Bump Plug 500 Psi at 11:52 pm Float Collar did not Hold Per Company Man Closed in, USED 134% Excess = 551 sks, 124.62 bbls slurry  
Left with 149 sks, 16 oz Dyex, 15 qts KCL

11 bbls Slurry To The P.T

AUTHORIZATION TO PROCEED

TITLE

DATE

10-24-11