

# BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 8708

LOCATION Hwy 85 + 48

FOREMAN Calvin Reimers

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
12-21-09	GEMINI G 06-33	1	4N	66W	Weld	

CHARGE TO <u>Noble</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Pete Martin Drilling, Noble</u>
CITY	CONTRACTOR <u>Pete Martin Drilling</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>3:15 pm.</u>	TIME LEFT LOCATION <u>6:30 pm</u>

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
26"				
TOTAL DEPTH <u>140'</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
<u>PBTD</u>	TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE <u>16"</u>	TUBING CONDITION		TUBING	

CASING DEPTH	PACKER DEPTH	TREATMENT VIA	TYPE OF TREATMENT	TREATMENT RATE
<u>140'</u>			<input type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM
CASING WEIGHT <u>42.07 lbs</u>			<input type="checkbox"/> PRODUCTION CASING	INITIAL BPM
CASING CONDITION <u>Good</u>			<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM

PRESSURE SUMMARY		HYD HHP = RATE X PRESSURE X 40.8	
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		
		<input checked="" type="checkbox"/> OTHER <u>Conductor Pipe</u>	

INSTRUCTIONS PRIOR TO JOB Rig up, Safety meeting, Circ 10 bbls H<sub>2</sub>O, Mix + pump 0% Excess = 268 Sacks cement  
60.6 bbls Slurry, at 15.2 lbs 1.27 yield, Displace 29 bbls H<sub>2</sub>O, Wash up, Rig down  
We have 700 Sacks cement

### JOB SUMMARY

DESCRIPTION OF JOB EVENTS Safety meeting 5:04 pm, Circ 5:40 pm, Cement 5:18 pm, Displace 5:45 pm

10 bbls 60 Psi 5:52 pm 5.0 bbls/min  
20 bbls 70 Psi 5:54 pm 5.0 bbls/min  
29 bbls 50 Psi 5:56 pm 4.0 bbls/min  
Top off 30 Sacks, 6.78 bbls Slurry  
USED 0% Excess = 268 Sacks, 60.6 bbls Slurry  
Did not get cement to surface  
Left with 402 Sacks cement  
30 Sack Top off

AUTHORIZATION TO PROCEED

TITLE

DATE

Customers hereby acknowledges and specifically agrees to the terms and conditions on this work order, including, without limitation, the provisions on the reverse side hereof which include the release and indemnity.