

# BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 9332  
LOCATION Wells Ranch  
FOREMAN Daniel Saltman

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
10-20-10	Wells Ranch #F07-03	7	5N	62W	Weld	

CHARGE TO <u>Noble</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Noble</u>
CITY	CONTRACTOR <u>Cadezz</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>4:50 AM</u>	TIME LEFT LOCATION <u>9:00</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>571.10</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PBTD 525.01</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>564.23</u>		TREATMENT VIA			
CASING WEIGHT <u>24 #</u>	PACKER DEPTH				
CASING CONDITION <u>good</u>					

PRESSURE SUMMARY		TYPE OF TREATMENT		TREATMENT RATE	
BREAKDOWN or CIRCULATING psi	AVERAGE psi	<input checked="" type="checkbox"/> SURFACE PIPE		BREAKDOWN BPM	
FINAL DISPLACEMENT psi	ISIP psi	<input type="checkbox"/> PRODUCTION CASING		INITIAL BPM	
ANNULUS psi	5 MIN SIP psi	<input type="checkbox"/> SQUEEZE CEMENT		FINAL BPM	
MAXIMUM psi	15 MIN SIP psi	<input type="checkbox"/> ACID BREAKDOWN		MINIMUM BPM	
MINIMUM psi		<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

INSTRUCTIONS PRIOR TO JOB Ris up. Safety meeting, Psi test to 500psi Circ 30 bbls of H<sub>2</sub>O w/ KCl 2nd 10 w/ 10 oz Dye mix + pump 242 sks of Cement @ 30% Excess @ 15.2" @ 1.27 field, or until stopped by down  
Drop Plug, Displace 33-4 bbls of H<sub>2</sub>O Bump Plug @ 150psi over left Psi wait 5 min Release psi  
Washup Ris Down H<sub>2</sub>O test OK

Arrived w 500 sks of Cement 491 Kcl 3202 Dye 54.7 bbls of Slurry

JOB SUMMARY  
DESCRIPTION OF JOB EVENTS Safety meeting 7:21 AM Circ 7:34 AM Cement 7:40 AM  
Drop Plug 8:05 AM Displace 8:05 AM

10 bbls	5.0 /m	170 psi	8:10 AM	used 30% Excess
20 bbls	5.0 /m	286 psi	8:12 AM	242 sks of Cement
30 bbls	3.5 /m	270 psi	8:15 AM	54.7 bbls of Slurry
33-4 bbls	1.0 /m	200 psi	8:18 AM	
Bump Plug	400 psi		8:18 AM	

Left w 258 sks of Cement 391 Kcl 2202 Dye  
4 Slurry Back

Simon WSS 10-20-10  
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.