

# BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 10621  
LOCATION Wells Ranch  
FOREMAN Mike Rosalez  
L.R. Marks.

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
11-14-11	Wells Ranch USKAA25-691H	25	6N	63W	Weld	

CHARGE TO <u>Noble</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Noble</u>
CITY	CONTRACTOR <u>H+P 343</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>8:10 PM</u>	TIME LEFT LOCATION <u>3:40</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>13 3/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>575</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PBTD 524.91</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>9 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>569.23</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>36</u>	PACKER DEPTH		[ ] SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION <u>Good</u>			[ ] PRODUCTION CASING		INITIAL BPM
			[ ] SQUEEZE CEMENT		FINAL BPM
			[ ] ACID BREAKDOWN		MINIMUM BPM
			[ ] ACID STIMULATION		MAXIMUM BPM
			[ ] ACID SPOTTING		AVERAGE BPM
			[ ] MISC PUMP		
			[ ] 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, Sattymeching, PSI test, Circulate 40 BBls Azo/KCL mix 2nd 10 Dye  
mix and Pump 310 sks Cement (80% Excess) 1.27 yield at 15-2 lbs or until Company man  
Stoppes us. Release Plug Displace 40.5 BBls Azo Pump Plug at 350 over left wait 5 min Release  
PSI, was up Rig Down 1/20 Test Good

Ground with 750 sks Cement 129k KCL 16 oz Dye Slurry 70.1

JOB SUMMARY  
DESCRIPTION OF JOB EVENTS Sattymeching 1:00 AM Circulate 1:28 AM Cement 1:40 AM  
Drop Plug 2:28 AM Displace 2:28 AM

10 BBls at 5-6 BBls/m 2:32 AM 310 PSI Used 19 % Excess  
20 BBls at 5-6 BBls/m 2:34 AM 400 PSI Used 286 sks Cement  
30 BBls at 5-6 BBls/m 2:36 AM 470 PSI 64.6 Slurry  
40 BBls at 1-0 BBls/m 2:41 AM 300 PSI  
40.5 BBls at 1-0 BBls/m 2:41 AM 510 PSI  
Pump Plug 2:41 AM 510 PSI  
Flow Collar held BBls Back

Left with 464 sks Cement 8 qb KCL & Dye 12

WSS 11-14-11  
AUTHORIZATION TO PROCEED TITLE DATE