

BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102
Denver, Colorado 80202
Phone: 303-296-3010
Fax: 303-298-8143
E-mail: bisonoil1@qwestoffice.net

REF. INVOICE # 9796
LOCATION Hwy 257 + 52
FOREMAN CALVIN REIMERS

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
5-26-11	Booth N 25-20D	25	5N	67W	Weld	

CHARGE TO <u>Noble</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Noble</u>
CITY	CONTRACTOR <u>Saxon Rig 143</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>2:55 am</u>	TIME LEFT LOCATION <u>5:45 am</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>845</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PBTD 824.06</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>840.76</u>		TREATMENT VIA			

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 Rig up, Safety meeting, PER Company Man, CIRC 45 bbls. with KCL + Dye 16" 2nd 5 bbls, Mix + pump tell Dye is seen then Pump tub only at 15.2 lbs. 1.27 yield, Drop plug, Displace 52.4 bbls H₂O, Bump plug at 150 Psi over Lift Psi, Wait 5 min then bleed off Psi, Wash up, Rig down, H₂O Tested good, WE HAVE 650 SKS, 3202, 10 qts Dye

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Safety meeting 3:45 am, CIRC 4:18 am, CEMENT 4:26 am to 4:43 am
Drop plug 4:45 am, Displace 4:46 am
10 bbls. 290 Psi 4:48 am 7.0 bbls/m
20 bbls 310 Psi 4:49 am 7.0 bbls/m
30 bbls 410 Psi 4:51 am 7.0 bbls/m
40 bbls 510 Psi 4:53 am 7.0 bbls/m
50 bbls 500 Psi 4:55 am 4.5 bbls/m
52.4 bbls 350 Psi 4:56 am 1.0 bbls/m
Bump Plug 620 Psi at 4:56 am Float Collar Held
USED 17% Excess = 321 SKS, 72.6 bbls. Slurry
Left with 329 SKS, 16 oz. Dye, 5 qts KCL
15 bbls Slurry To The Pit

[Signature]
AUTHORIZATION TO PROCEED

Lo MAO
TITLE

5-26-11
DATE