

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 # 9751
LOCATION WCR 47438
FOREMAN Daniel Saltemou

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
3-15-11	Aristocrat PC H-11-300	11	3N	65W	Weld	

CHARGE TO <u>Noble</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Noble</u>
CITY	CONTRACTOR <u>FRSIGN 121</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>12:00pm</u>	TIME LEFT LOCATION <u>5:20am</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>738.7</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PBTD 672-16</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>700.00</u>		TREATMENT VIA	TYPE OF TREATMENT		
CASING WEIGHT <u>24#</u>	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	TREATMENT RATE	
CASING CONDITION <u>GOOD</u>			<input type="checkbox"/> PRODUCTION CASING	BREAKDOWN BPM	
			<input type="checkbox"/> SQUEEZE CEMENT	INITIAL BPM	
			<input type="checkbox"/> ACID BREAKDOWN	FINAL BPM	
			<input type="checkbox"/> ACID STIMULATION	MINIMUM BPM	
			<input type="checkbox"/> ACID SPOTTING	MAXIMUM BPM	
			<input type="checkbox"/> MISC PUMP	AVERAGE BPM	
			<input type="checkbox"/> OTHER	HYD HP = 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, Psi test C/Cr 40 bbls of H₂O w/ 2% 2nd 10 w/ 10% Dye mix + pump 314 SKs of Cement @ 30" Excess @ 15.2" @ 1.27 yield, or until stopped by Ceman. Drop Plug Displace 428 bbl of H₂O Pump Plug @ 150 psi over 1 ft psi wait 5 min Release psi wash up Rig Down

Arrival w 700 SKs of Cement 3 gal Kel 3202 Dye 700 bbls of Slurry

JOB SUMMARY
DESCRIPTION OF JOB EVENTS Safety meeting 3:24am C/Cr 3:55am Cement 4:07am
Drop Plug 4:23am Displace 4:23am

10 bbls 5.5/m	250 psi	4:26am	used 257 SKs of Cement
20 bbls 5.5/m	290 psi	4:28am	6% Excess
30 bbls 5.5/m	390 psi	4:30am	58.1 bbls of Slurry
40 bbls 2-5/m	300 psi	4:35am	
428 bbls 1.0/m	280 psi	4:36am	
Bump Plug	4:40 psi	4:36am	

Let w 443 SKs of Cement 2 gal Kel 2202 Dye 5 bbls of Slurry Back

Amy Stapleton

AUTHORIZATION TO PROCEED

TITLE

3-15-11

DATE