

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 # 10160

LOCATION Hwy 257 + 52

FOREMAN Calvin Reimers

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
6-13-11	Booth N 25-22D	25	5N	6TW	Weld	

CHARGE TO Noble	OWNER
MAILING ADDRESS	OPERATOR Noble
CITY	CONTRACTOR Saxon Rig 143
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION 6:30 AM	TIME LEFT LOCATION 10:30 AM

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 12 1/4	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH 800	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
POTD 751.34	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 8 7/8	TUBING CONDITION		TUBING		
CASING DEPTH 794.77		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT 2416	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION Good			<input type="checkbox"/> PRODUCTION CASING		INITIAL BPM
			<input type="checkbox"/> SQUEEZE CEMENT		FINAL BPM
			<input type="checkbox"/> ACID BREAKDOWN		MINIMUM BPM
			<input type="checkbox"/> ACID STIMULATION		MAXIMUM BPM
			<input type="checkbox"/> ACID SPOTTING		AVERAGE BPM
			<input type="checkbox"/> MISC PUMP		
			<input type="checkbox"/> OTHER		HYD HP = RATE X PRESSURE X 40.8

PRESSURE SUMMARY

BREAKDOWN OF 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, Per Company Man, Cick 50 bbls H₂O with KCL + Dye x 16 in 2nd 10 bbls, Mix + pump Tell Dye is seen then pump tub only at 15.2 lbs. 127 yield, Do not go over 30% Excess without Talking to Company Man, Drop plug, Displace 478 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, 32 oz. Dye, 10 Qts KCL,

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Safety meeting 8:50 am, Cick 9:16 am, Cement 9:25 am to 9:38 am

Drop Plug 9:39 am, Displace 9:39 am

10 bbls 250 Psi 9:41 am 70 bbls/m

20 bbls 300 Psi 9:43 am 70 bbls/m

30 bbls 300 Psi 9:44 am 70 bbls/m

40 bbls 420 Psi 9:46 am 60 bbls/m

478 bbls 440 Psi 9:49 am 1.0 bbls/m

Bump Plug 630 Psi at 9:49 am Float Collar Held

USED 6% Excess = 260 SKs, 58.8 bbls Slurry

Avg Cement 4.52 bbls/m

Left with 390 SKs, 16 oz Dye, 5 Qts KCL

5 bbls Slurry To the P.T

[Signature]
AUTHORIZATION TO PROCEED

TITLE

6-13-11

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