

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 # 9719

LOCATION Hwy 390-118

FOREMAN Kirk Kallho
Mike R, L.R, Jessie

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
3-13-11	Everitt PL GQ 03-13	03	10N	61W	weld	

CHARGE TO Noble	OWNER
MAILING ADDRESS	OPERATOR Noble
CITY	CONTRACTOR Saxon 143
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION 12:45pm	TIME LEFT LOCATION 11:00pm

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 12 1/4	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH 1080	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD 1030	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 8 7/8	TUBING CONDITION		TUBING		

Casing Depth 1075		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	

PRESSURE SUMMARY				HYD HHP = RATE X PRESSURE X 40.8	
BREAKDOWN or CIRCULATING psi	AVERAGE psi	ISIP psi	5 MIN SIP psi	<input type="checkbox"/> ACID BREAKDOWN	MINIMUM BPM
FINAL DISPLACEMENT psi			15 MIN SIP psi	<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM
ANNULUS psi				<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM
MAXIMUM psi				<input type="checkbox"/> MISC PUMP	
MINIMUM psi				<input type="checkbox"/> OTHER	

INSTRUCTIONS PRIOR TO JOB Rig up, safety meeting, psi test, circ 50 bbls Kcl H2O, minif Pump Lead 258 bbls cement at 30% excess at 1.69 yield at 13.1 lbs, minif Pump tail 100 bbls cement at 1.27 yield at 15.2 lbs, Release Plug Displace 65.6 Bbls H2O, Bump Plug at 150 psi over LIFT psi, wait 5 min Release psi, wash up Rig Down H2O test OK

Arrived w/ 750 bbls cement 4 gallons Kcl 77.6 Bbls slurry Lead 22.6 tail

JOB SUMMARY
DESCRIPTION OF JOB EVENTS safety meeting 8:04pm circ 9:13pm cement 9:46pm
Drop Plug 10:15pm Disp 10:15pm
10 Bbls At 5.5 Bbls/m 10:18pm 330psi used 358 bbls cement
20 Bbls At 5.5 Bbls/m 10:20pm 280psi 30% excess Lead 100 bbls tail
30 Bbls At 5.5 Bbls/m 10:22pm 410psi 77.6 Bbls slurry Lead
40 Bbls At 5.5 Bbls/m 10:24pm 450psi 22.6 Bbls slurry tail
50 Bbls At 5.5 Bbls/m 10:26pm 540psi 100.2 Bbls slurry total
60 Bbls At 2.0 Bbls/m 10:29pm 320psi
70 Bbls At 1.0 Bbls/m 10:31pm 300psi
Bump Plug 10:31pm 480psi

LFT w/ 392 bbls cement 2 gal 3 bbls Kcl Bbls Back 32

AUTHORIZATION TO PROCEED TITLE DATE 3-13-11

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