

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 # 10167
LOCATION WCR 70+53
FOREMAN CALVIN REIMERS

TREATMENT REPORT

DATE <u>6-29-11</u>	WELL NAME <u>HOWARD USX A 09-06D 9</u>	SECTION <u>6N</u>	TWP <u>64W</u>	RGE <u>Weld</u>	COUNTY <u>Weld</u>	FORMATION
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>3:50 AM</u>		TIME LEFT LOCATION <u>6:30 AM</u>				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>750</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PBTD 703.26</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>746.76</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>24 lb.</u>	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION <u>Good</u>			<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

INSTRUCTIONS PRIOR TO JOB Rig up, Safety meeting, Per Company Man, Circ 40 bbls H₂O with KCL & DYE 10 in 2 1/2 bbls, Mix + pump till Dye is seen then pump tub only at 15.2 lbs 1.27 yield, Do not go over 10% Excess with out Talking to Company Man, Drop plug, Displace 44.7 bbls H₂O, Dump plug at 150 B above Lift Psi, Wait 5 min then bleed off Psi, Wash up, Rig down, H₂O Tested good, We have 600 SKs, 32oz Dye, 22 Qts KCL,

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Safety meeting 4:49am, Circ 5:14am, Cement 5:25am to 5:36am

Drop Plug 5:38am, Displace 5:41am.

10 bbls 240 Psi 5:44am 70 bbls/m

20 bbls 270 Psi 5:46am 70 bbls/m

30 bbls 350 Psi 5:48am 70 bbls/m

40 bbls 430 Psi 5:50am 4.5 bbls/m

44.7 bbls 330 Psi 5:51am 1.0 bbls/m

Dump Plug 580 Psi at 5:51am Float Collar Held

Avg Cement 5.01 bbls/m

USED 0% Excess = 244 SKs, 55.18 bbls Slurry

Left with 356 SKs, 22.02 DYE, 18 Qts KCL

7 bbls Slurry To The Pit

[Signature]

AUTHORIZATION TO PROCEED

[Signature]
TITLE

6-29-11

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