

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 # 10375
LOCATION WCR 78+39
FOREMAN CALVIN REIMERS

TREATMENT REPORT

DATE <u>9-19-11</u>	WELL NAME <u>CALVARY USX EE 29-04D</u>	SECTION <u>29</u>	TWP <u>7N</u>	RGE <u>65W</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>9:45 pm</u>		TIME LEFT LOCATION <u>12:30 AM</u>				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>705</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PBTD 664.13</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>703.78</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 HHP = RATE X PRESSURE X 40.8

INSTRUCTIONS PRIOR TO JOB Rig up, Safety meeting, Per Company Man, Circ 40 bbls H₂O with KCL + Dye in 2" 10 bbls, Mix pump tell Dye is seen then pump Tub only at 15.2 lbs 1.27 yd, Don't go over 30% Excess with out Talking to Company Man, Drop plug, Displace 42.2 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 710 SKs, 3202 Dye, 10 Qts KCL,

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Safety Meeting 10:42 pm, Circ 11:02 pm, Cement 11:08 pm to 11:38 pm

Drop Plug 11:40 pm, Displace 11:41 pm
10 bbls 290 Psi 11:43 pm 7.0 bbls/m
20 bbls 350 Psi 11:45 pm 7.0 bbls/m
30 bbls 500 Psi 11:46 pm 7.0 bbls/m
40 bbls 500 Psi 11:48 pm 4.5 bbls/m
42.2 bbls 310 Psi 11:50 pm 1.0 bbls/m
Bump Plug 510 Psi at 11:50 pm Flint Collar Held
USED 20% Excess 275 SKs, 62.2 bbls Slurry
Aug Cement 2.0 bbls/m
Left with 425 SKs, 1602 Dye, 6 Qts KCL
2 bbls Slurry to the Pit

[Signature]
AUTHORIZATION TO PROCEED

TITLE

9-19-11

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