

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 # 11518
LOCATION 62+69
FOREMAN Tucker Lehmkuhl
Monte, Rich

TREATMENT REPORT

DATE <u>4/22/12</u>	WELL NAME <u>Wells Ranch AA26 67-14N</u>	SECTION <u>25</u>	TWP <u>6N</u>	RGE <u>63W</u>	COUNTY <u>Weld</u>	FORMATION
CHARGE TO <u>Noble</u>		OWNER				
MAILING ADDRESS		OPERATOR <u>Noble</u>				
CITY		CONTRACTOR <u>H&P 315</u>				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <u>7:45 am</u>		TIME LEFT LOCATION <u>3:15 pm</u>				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>13 3/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>588</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD <u>532.44</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>9 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>632.44</u>	<u>578</u>	TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>36 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 Soften meeting PSI test Per co-ann Pump Spacer 40 bbls LCL, supp, Sump H2O w/ dye
in and 10, mix 317 sks cement at 30% excess at 1.27 yield at 30% excess at 15.2 lbs or until
cannon stops up, Release Plug at 41.1 bbls H2O Pump Plug at 120 psi over 115 psi wait 5 min release psi
wash up rig down H2O test ok

Arrived w/ 750 sks cement 4 gal KCL 16 gal dye 25 lbs Sump 1 gal soap 71.7 bbls slurry
JOB SUMMARY
DESCRIPTION OF JOB EVENTS Soften meeting 11:20 am Pump Spacer 12:17 pm Cement 12:28 pm
stop cement 11:55 pm Drop Plug 1:58 pm Diss 1:58 pm

10 bbls at 2:01	200 psi	used 14 % excess used 279 sks cement 63.1 bbls slurry
20 bbls at 2:03	230 psi	
30 bbls at 2:05	300 psi	
40 bbls at 2:09	230 psi	
41.1 bbls at 2:13	800 psi	
Bump plug at 2:13 pm 800 psi		
PSI test casing 2:16 - 2:31 at 1,000 psi		

Left w/ 471 sks cement 3 gal KCL 60 bbls Bk 2

[Signature]
AUTHORIZATION TO PROCEED

WSS
TITLE

4/22/12
DATE