

# 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 # 9606

LOCATION 392-27

FOREMAN Kirk Kallhoff  
Mike R. Chad m

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
1-24-11	Lindblad 17-34	17	6N	66W	Weld	

CHARGE TO Nable	OWNER
MAILING ADDRESS	OPERATOR Nable
CITY	CONTRACTOR Cade 21
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION 7:30am	TIME LEFT LOCATION 12:00pm

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 12 1/4	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH 714.2	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD 661.39	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 8 9/8	TUBING CONDITION		TUBING		

CASING DEPTH 706.74	TREATMENT VIA	TYPE OF TREATMENT	TREATMENT RATE
CASING WEIGHT 24 lb	PACKER DEPTH	<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM
CASING CONDITION good		<input type="checkbox"/> PRODUCTION CASING	INITIAL BPM

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

INSTRUCTIONS PRIOR TO JOB Rig up, safety meeting, Pretest, circ 40sbls KCL H2O 2nd 10m/Dye, misc Pump 302 SKS cement at 30% excess at 127psi at 152.1bs or until cement stops vs, Release Plug, Displace 42.1 Bbls H2O, Bump Plug at 150 psi over Lift Psi, wait 5min Release Psi, wash up Rig Down.

Arrived w/ 575 SKS cement 4 gallons KCL 16oz Dye 470 test oil 68.2 Bbls slurry

JOB SUMMARY DESCRIPTION OF JOB EVENTS Safety meeting 10:30am circ 10:48am cement 10:58am Drop Plug 11:19am Displace 11:19am

10 Bbls at 5.5 Bbls/m 11:21am 330psi used 30% excess  
20 Bbls at 5.5 Bbls/m 11:23am 410psi used 302 SKS cement  
30 Bbls at 5.5 Bbls/m 11:25am 480psi 68.2 Bbls slurry  
40 Bbls at 1.0 Bbls/m 11:30am 290psi  
42.1 Bbls at 1.0 Bbls/m 11:32am 250psi  
Bump Plug 11:32am 390psi

LP 273 SKS cement 3 gallons KCL 16oz Dye 13 Bbls Back 10

AUTHORIZATION TO PROCEED TITLE DATE 1-24-11

Customers hereby acknowledge and specifically agree 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