

# 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 # 8941

LOCATION Wcr 36-55

FOREMAN Kirk Kallho  
mike R mike D mikers

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
3-15-10	Gutterson D4-32	4	3N	64W	weld	

CHARGE TO <u>Noble</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Noble</u>
CITY	CONTRACTOR <u>Ensign 126</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>11:00pm</u>	TIME LEFT LOCATION <u>1:30am</u>

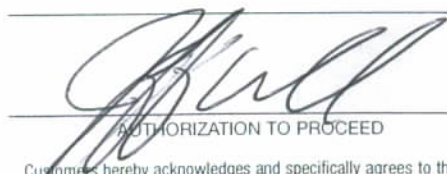
WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>621</u>	TUBING DEPTH	SHOTS/FT		SURFACE PIPE ANNULUS LONG	
PBTD <u>571.43</u>	TUBING WEIGHT	OPEN HOLE		STRING	
CASING SIZE <u>8 5/8</u>	TUBING CONDITION			TUBING	
CASING DEPTH <u>615.59</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>32.15</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

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

INSTRUCTIONS PRIOR TO JOB Rig up, safety meeting, Psi test, circ 30 BBLs H2O 2nd 10w/Dye mix &  
Pump 263 sks cement at 30% excess at 1.27 yield at 15.2 l/s or until cement stops & s  
Release plug Displace 34.8 BBLs H2O Pump Plug at 150 psi over Lift Pst wait 5 min  
Release Psi wash up Rig Down H2O test OK  
Arrived w/ 575 sks cement 4 gallons KCL 16oz Dye 59.3 BBLs slury

JOB SUMMARY  
DESCRIPTION OF JOB EVENTS Safety meeting 11:57pm circ 12:21am cement 12:29am  
Drop Plug 12:49am Disp 12:49am  
10 BBLs at 5.5 BBLs/min 12:52am 490psi  
20 BBLs at 5.5 BBLs/min 12:55am 550psi  
30 BBLs at 2.5 BBLs/min 12:58am 330psi  
34.8 BBLs at 1.0 BBLs/min 1:01am 250psi  
Bump Plug 1:01am 410psi

Lift w/ 272 sks cement 3 gallons 2gts KCL 6oz Dye  
13 BBLs Back 18

  
AUTHORIZATION TO PROCEED

TITLE

DATE