

# 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 # 9826  
LOCATION WCR 53 & 34  
FOREMAN Daniel Saltzman

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
G-7-11	Gatterson D 23-20	23	3N	B4W	Weld	

CHARGE TO <u>Noble</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Noble</u>
CITY	CONTRACTOR <u>ENSGN 55</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>4:45</u>	TIME LEFT LOCATION <u>9:20 AM</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
<u>12 1/4</u>					
TOTAL DEPTH <u>696.2</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PBTD 651.96</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		

CASING DEPTH	CASING WEIGHT	CASING CONDITION	PACKER DEPTH	TREATMENT VIA	TYPE OF TREATMENT	TREATMENT RATE
<u>691.0</u>	<u>24#</u>	<u>good</u>			<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM
					<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
FINAL DISPLACEMENT	psi	ISIP	psi
ANNULUS	psi	5 MIN SIP	psi
MAXIMUM	psi	15 MIN SIP	psi
MINIMUM	psi		

INSTRUCTIONS PRIOR TO JOB: Rig up, Safety meeting, psi test, Circ 40 bbls of H<sub>2</sub>O w/ KCL 2nd 10w 10oz Dye mix + pump 295 sks of cement @ 30% Excess @ 15.2" @ 1.27 yield, or until stopped by cement. Drop Plug, Displace 41.5 bbls of H<sub>2</sub>O Bump Plug @ 150psi over 1.6t psi wait 5min. Release psi wash up Rig Down.

Arrival w 600 sks of cement 49/ KCL 32oz Dye 66.7 bbls of slurry

JOB SUMMARY  
DESCRIPTION OF JOB EVENTS: Safety meeting 7:45am Circ 8:01am Cement 8:13am  
Drop Plug 8:31am Displace 8:31am

10 bbls	6.0/m	260psi	8:35am	0% Excess
20 bbls	6.0/m	400psi	8:37am	51.3 bbls of slurry
30 bbls	6.0/m	510psi	8:38am	227 sks of cement
40 bbls	1.0/m	350psi	8:41am	
41.5 bbls	1.0/m	340psi	8:43am	
Bump Plug	6.0/m	8:43am		

9 bbls of slurry back

AUTHORIZATION TO PROCEED

TITLE

6-7-11

DATE