

# 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 # 8543

LOCATION Gatterson Ranch

FOREMAN Daniel Saltzman  
Kirk Diwo

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
8-9-09	Gatterson D15-24	15	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>9:40 pm</u>	TIME LEFT LOCATION <u>2:55 AM</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>701.2</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD <u>651.51</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>695.59</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>241B</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	
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 Saffy meeting, Cier 40 bbls of H<sub>2</sub>O w/ KCL 2nd 10 #1st 5w Dye, mix + pump 269 sks of Cement @ 30% EXCESS @ 14.5" @ 1.4 yd/ld or until stopped By Co man, Drop Plug Displace 41.5 bbls of H<sub>2</sub>O, Bump Plug @ 150 psi over lift psi wait 5 min Release psi wash up Rig Down

Arrived with 425 sks of Cement 5g/ KCL 10oz Dye 67 bbls of Slurry

JOB SUMMARY  
DESCRIPTION OF JOB EVENTS Saffy meeting 12:45 am Cier 1:05 am Cement 1:20 am Drop Plug 1:39 am Displace 1:39 am

10 5.0	130 psi	1:43 AM	Used 230 sks of cement 19% EXCESS
20 5.0	190 psi	1:45 AM	
30 5.0	300 psi	1:48 AM	
40 1.0	230 psi	1:54 AM	
41.5 1.0	230 psi	1:56 AM	
Bump Plug	370 psi	1:56 AM	

Lft with 198 sks of Cement 4g/ 1qt KCL 7oz Dye 3 bbls of Slurry to Pit

[Signature] Cementing Rep 8-9-09  
AUTHORIZATION TO PROCEED TITLE DATE