

# 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 # 8818

LOCATION WCR 55+80

FOREMAN Dawrel Saitman  
Mike D Victor

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
6-23-10	Kohlhoff USX AB 21-06P	21	7N	6W	Weld	

CHARGE TO	Noble	OWNER	
MAILING ADDRESS		OPERATOR	Noble
CITY		CONTRACTOR	ENSign 126
STATE ZIP CODE		DISTANCE TO LOCATION	
TIME ARRIVED ON LOCATION	10:25 pm	TIME LEFT LOCATION	3:00 am

WELL DATA		PRESSURE LIMITATIONS	
HOLE SIZE	12 1/4	TUBING SIZE	
TOTAL DEPTH	825.20	PERFORATIONS	
PBTP	774.82	SHOTS/FT	
CASING SIZE	8 5/8	OPEN HOLE	
CASING DEPTH	817.95	TUBING	
CASING WEIGHT	24#		
CASING CONDITION	good		

PRESSURE SUMMARY		TYPE OF TREATMENT		TREATMENT RATE	
BREAKDOWN or CIRCULATING	psi	AVERAGE	psi	<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM
FINAL DISPLACEMENT	psi	ISIP	psi	<input type="checkbox"/> PRODUCTION CASING	INITIAL BPM
ANNULUS	psi	5 MIN SIP	psi	<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM
MAXIMUM	psi	15 MIN SIP	psi	<input type="checkbox"/> ACID BREAKDOWN	MINIMUM BPM
MINIMUM	psi			<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM
				<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM
				<input type="checkbox"/> MISC PUMP	
				<input type="checkbox"/> OTHER	

INSTRUCTIONS PRIOR TO JOB Rig up, Safety meeting, Psi test to 500 psi, Circ 50 bbls of H<sub>2</sub>O KCL 2nd 10 w 10oz Dye, mix + pump 493 sks of Cement @ 30% Excess @ 15.2' @ 1.27 yield or until stopped by Co Man, Drop Plug, Displace 49.3 bbls of H<sub>2</sub>O Bump Plug @ 500 psi Release Psi wash up Rig Down H<sub>2</sub>O test OK Arrived w 550 sks of Cement 9 gal KCL 32oz Dye 78.8 bbls of Slurry

JOB SUMMARY DESCRIPTION OF JOB EVENTS Safety meeting 1:01 am Circ 1:15 am Cement 1:27 am Drop Plug 2:00 am Displace 2:00 am

10 bbls	5.0/m	190psi	2:04 am	used 329 sks of Cement
20 bbls	5.0/m	270psi	2:06 am	22% Excess
30 bbls	5.0/m	370psi	2:08 am	73.9 bbls of Slurry
40 bbls	3.5/m	330psi	2:12 am	
49.3 bbls	1.0/m	320psi	2:17 am	
Bump Plug		490 psi	2:17 am	

Left w 221 sks of Cement 3 gal 3 qt KCL 22oz Dye 13 bbls of Slurry Back

*Randy Bayles*  
AUTHORIZATION TO PROCEED

6-23-10

TITLE

DATE