

# 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 # 11387

LOCATION WCR 59148

FOREMAN Mike Rosalen

## TREATMENT REPORT

DATE <u>3-9-12</u>	WELL NAME <u>Toby C-12 79 MW</u>	SECTION <u>2</u>	TWP <u>4N</u>	RGE <u>64W</u>	COUNTY <u>Weld</u>	FORMATION
CHARGE TO <u>Noble</u>		OWNER				
MAILING ADDRESS		OPERATOR <u>Noble</u>				
CITY		CONTRACTOR				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <u>1:00 PM</u>		TIME LEFT LOCATION <u>5:00 AM</u>				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>13 3/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>727</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>230</u> <u>677.18</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>9 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>722</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>36105</u>	PACKER DEPTH		[ ] SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION <u>Good</u>			[ ] PRODUCTION CASING		INITIAL BPM
			[ ] SOOZE CEMENT		FINAL BPM
			[ ] ACID BREAKDOWN		MINIMUM BPM
			[ ] ACID STIMULATION		MAXIMUM BPM
			[ ] ACID SPOTTING		AVERAGE BPM
			[ ] MISC PUMP		
			[ ] OTHER		HYD HHP = RATE X PRESSURE X 40.8

INSTRUCTIONS PRIOR TO JOB Rig up, Sattymeching, PSE TEST 500 PSI C-CL 50 BBH H<sub>2</sub>O/KCL mix 2 AC 10 Dye  
Mix Pump 392 SKS Cement (30% Excess) yield 1.27 @ 15.2 LBS or until Company men stoppes  
US, Release Plug Displace 52.3 BBH H<sub>2</sub>O Bump plug 150+200 PSI until lift wait 5 min Release  
Plug PSE, WASH up Rig Down H<sub>2</sub>O TEST  
Arrived with 750 SKS Cement 10 qts KCL 16 oz Dye Slurry

### JOB SUMMARY

DESCRIPTION OF JOB EVENTS Sattymeching C 2:25 AM Circ 2:44 AM Cement START 2:55 AM

Cement stop 3:19 AM DROP plug 3:21 AM Displace 3:21 AM

<u>10 BBH at 55 BBH/m 3:25 AM 250 PSE</u>	<u>USED 16 % EXCESS</u>
<u>20 BBH at 55 BBH/m 3:27 AM 280 PSE</u>	<u>USED 350 SKS Cement</u>
<u>30 BBH at 55 BBH/m 3:29 AM 360 PSE</u>	<u>79.16 SLURRY</u>
<u>40 BBH at 55 BBH/m 3:31 AM 440 PSE</u>	
<u>50 BBH at 1-0 BBH/m 3:35 AM 310 PSE</u>	<u>Flow Colter held</u>
<u>52.3 BBH at 1-0 BBH/m 3:37 AM 200 PSE</u>	
<u>Bump Plug 1-0 BBH/m 3:37 AM 450 PSE</u>	<u>BBH Back to PT</u>
	<u>(10)</u>
<u>Left with 400 SKS Cement 5 qts KCL</u>	<u>0 Dye</u>

AUTHORIZATION TO PROCEED

TITLE

DATE