

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 # 1.

LOCATION 47+345

FOREMAN Mike Rosale

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
10-2-12	Krakaka H14-63 Hn	13	3N	65W	Weld	

CHARGE TO	Noble	OWNER	
MAILING ADDRESS		OPERATOR	Noble
CITY		CONTRACTOR	HCP 322
STATE ZIP CODE		DISTANCE TO LOCATION	
TIME ARRIVED ON LOCATION	7:45	TIME LEFT LOCATION	2:45

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	13 3/4	TUBING SIZE		THEORETICAL
TOTAL DEPTH	764	TUBING DEPTH		INSTRUCTED
PERFORATIONS		SHOTS/FT		
TUBING WEIGHT		OPEN HOLE		
TUBING CONDITION		STRING		
TREATMENT VIA		TUBING		

TYPE OF TREATMENT		TREATMENT RATE	
<input 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			

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 Sattymech. PSE Test PSE, Circ 50 BBls Hcp 2nd 10 Dn, mix + Pump 4 1/2 sks Cement (30% Excess) 1:27 yield at 15-210, or until Company men stop us Release Plug Displace 53.1 BBls Hn, Bump Plug at 150 PSE over 1st wash couple mn Release PSE PSE 1000 for 15 min Release PSE Wash up Rig Down Approved with 650 sks Cement 12 gals LLL + 16% Dn Sugar

JOB SUMMARY
DESCRIPTION OF JOB EVENTS: Sattymech 12:35 PM Cure 1:00 PM Cement START 1:12 PM
Cement stop 1:28 PM Release Plug 1:33 PM Displace 1:33 PM
10 BBls at 5-0 BBls/H 1:35 PM 260 PSE
20 BBls at 5-0 BBls/H 1:37 PM 320 PSE
30 BBls at 5-5 BBls/H 1:39 PM 440 PSE
40 BBls at 5-5 BBls/H 1:41 PM 530 PSE
50 BBls at 4-0 BBls/H 1:43 PM 500 PSE
53.1 BBls at 1-5 BBls/H 1:46 PM 320 PSE
Bump Plug 1-5 BBls/H 1:46 PM 510 PSE
Used 11 % Excess
Used 257 sks Cement
Slurry 80.7
PSE Test 1:49 PM to 2:04 PM
10SD +0

BBls to P.T
14
Left with 243 sks Cement 10 gals Dye

Chad A. [Signature]

WJS

10-2-12

AUTHORIZATION TO PROCEED

TITLE

DATE

Customers hereby acknowledge and specifically agree to the terms and conditions on this work order, including, without limitation, the provisions on the reverse side hereof which include the release and indemnity