

BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102
 Denver, Colorado 80202
 Phone: 303-296-3070
 Fax: 303-298-8143
 E-mail: bisonoil1@qwestoffice.net

REF. INVOICE # 8451
 LOCATION St Francis KS
 FOREMAN Justin Crisblaw

TREATMENT REPORT

DATE <u>2-5-11</u>	WELL NAME <u>Rogers 32-31B</u>	SECTION <u>31</u>	TWP <u>55</u>	RSE <u>39W</u>	COUNTY <u>Cheyenne</u>	FORMATION
CHARGE TO <u>Excell</u>			DWHIR			
MAILING ADDRESS			OPERATOR			
CITY			CONTRACTOR			
STATE ZIP CODE			DISTANCE TO LOCATION <u>89</u>			
TIME ARRIVED ON LOCATION <u>3:15</u>			TIME LEFT LOCATION			

WELL DATA			PRESSURE LIMITATIONS			
PIPE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED	
<u>4 7/8</u>						
TOTAL DEPTH <u>336</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG			
	TUBING WEIGHT	OPEN HOLE	STRING			
CASING SIZE <u>7</u>	TUBING CONDITION		TUBING			
CASING DEPTH <u>331</u>	<u>PB 241</u>	TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE	
CASING WEIGHT <u>17</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"/> SOREX 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 FLOOD			
			<input type="checkbox"/> OTHER		HYD. HP * RATE * PRESSURE * 40.8	

PRESSURE SUMMARY			
BREAKDOWN or CIRCULATING PSI	AVERAGE PSI		
FINAL DISPLACEMENT	ISIP		
ANNULUS	5 MIN SIP		
MAXIMUM	RELEASED		
MINIMUM			

INSTRUCTIONS PRIOR TO JOB: MIRU Safety Circ MAP 140 SKS of B3Lite Yield of 1.13 Mix 16 bbls of H2O Yield of 4.78 gal/sks @ 15.2 Displace 12 bbls of H2O Shut in

Annulus: 1247 Capacity: 0.115 80% excess

JOB SUMMARY: MIRU Safety Circ MAP Displace Shut in

DESCRIPTION OF JOB EVENTS	<u>3:15pm</u>	<u>3:38pm</u>	<u>3:40pm</u>	<u>3:41pm</u>	<u>3:55pm</u>	<u>4:00pm</u>

6 bbls to pit Day House water Temp 39°F at valve

Justin Crisblaw Push 2/5/11
 AUTHORIZATION TO PROCEED TITLE DATE

Customer hereby acknowledges and specifically agrees to the terms and conditions of this work order, including, without limitation, the provisions on the reverse side hereof which include the release and indemnity.

BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102
 Denver, Colorado 80202
 Phone: 303-296-3010
 Fax: 303-296-8143
 E-mail: bisonoil@gwesoiloffice.net

REF. INVOICE # 94/50
 LOCATION Goodland
 FOREMAN Randy Nivola

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
2-6-11	Rogers 32-31B	31	55	39W	Cheyenne	
CHANGE TO	OWNER		OPERATION			
MAILING ADDRESS	OWNER <u>Noble</u>		OPERATION			
CITY	CONTRACTOR		DISTANCE TO LOCATION			
STATE ZIP CODE	CONTRACTOR <u>Excell Rig 2</u>		DISTANCE TO LOCATION <u>88mi</u>			
TIME ARRIVED IN LOCATION	TIME LEFT LOCATION					
TIME ARRIVED IN LOCATION <u>10:00 AM</u>	TIME LEFT LOCATION					

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
1 7/8				
TOTAL DEPTH 1570	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS-LOGG	
	TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE 3 1/2 D.P.	TUBING CONDITION	TREATMENT VIA	TUBING	
CASING DEPTH			TYPE OF TREATMENT	
CASING WEIGHT 13.3	PACKER DEPTH		<input type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM
CASING CONDITION			<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 checked="" type="checkbox"/> OTHER <u>PFA</u>	HYD HHP = RATE X PRESSURE X TIME

INSTRUCTIONS PRIOR TO JOB: MTRU 5m core 5 bbls @ 15.2 lb/gal @ 4.75 gal/sh. 4 bbls mix water. Yield 1364 gal. Displace w/ 10 bbls water. Core 5 bbls @ 15.2 lb/gal @ 15.2 lb/gal. 4 bbls mix water. Displace w/ 2.7 bbls water. Core 5 bbls @ 15.2 lb/gal @ 15.2 lb/gal. 1.5 bbls mix water. Displace w/ 1/2 bbls water. Rig down.

JOB SUMMARY:
 DESCRIPTION OF JOB EVENTS: MTRU 5m 1st plug @ 11:30 core 5 bbls @ 15.2 lb/gal Displace
2nd plug @ 3:32 core 5 bbls @ 15.2 lb/gal 3rd plug @ 4:2 core mix
MTRU 5m 1st plug @ 11:30 core 5 bbls @ 15.2 lb/gal Displace 2nd plug @ 3:32
10:00 AM 11:15 11:30 11:35 11:48
core mix Displace 11:42.10 AM
12:25 12:28 12:32 2:56
3rd plug @ 4:2 core mix Displace 12:56 12:54 1:00 Rig down 1:05

S. Charles Field Rep 2-6-11
 AUTHORIZATION TO PROCEED TITLE DATE

Customer hereby acknowledges and specifically agrees 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.