

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 # 10678

LOCATION Eckley

FOREMAN T Lewis

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
11-25-11	Wakefield Trust 14-6	6	15	45W	Huma	
CHARGE TO <u>Excell</u>		OWNER <u>Nobel</u>				
MAILING ADDRESS		OPERATOR				
CITY		CONTRACTOR <u>Excell rig 10</u>				
STATE ZIP CODE		DISTANCE TO LOCATION <u>60 mile min</u>				
TIME ARRIVED ON LOCATION <u>6:15 pm</u>		TIME LEFT LOCATION <u>9:30 pm</u>				

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
9 7/8				
TOTAL DEPTH <u>518</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
<u>PBTD 470</u>	TUBING WEIGHT	OPEN HOLE	STUNG	
CASING SIZE <u>7"</u>	TUBING CONDITION	TREATMENT VIA	TUBING	
CASING DEPTH <u>512</u>				
CASING WEIGHT <u>2016</u>	PACKER DEPTH			
CASING CONDITION <u>good</u>				

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

INSTRUCTIONS PRIOR TO JOB: MIRD safety circ. MLP 253 sks at B3 lite 15.2 lb/gal 1.07 yd
4.2 gal/sk 25 bbls mix water. Drop plug and displace 18.9 bbls 561 plug
shift well in clean up move of location

JOB SUMMARY:
 DESCRIPTION OF JOB EVENTS:
MIRD 6:45 pm safety circ MLP Drop plug Displace
7:25 pm 8:30 pm 8:31 pm 8:46 pm 8:46 pm

100psi 10 852
 300psi 13.9 pm

19 bbls to the pit
 100% Excess

Adair

TOOL PUSHER

11/25/11

DATE

AUTHORIZATION TO PROCEED

TITLE

Customers 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.

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REF. INVOICE # 10680

LOCATION Eckley

FOREMAN Travis

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
11-27-11	Wakefield Trst 14-6	6	15	45W	Yuma	

CHARGE TO <u>Excell</u>	OWNER <u>Noble</u>
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR <u>Excell rig 10</u>
STATE ZIP CODE	DISTANCE TO LOCATION <u>60 mile min</u>
TIME ARRIVED ON LOCATION <u>1045am</u>	TIME LEFT LOCATION <u>2pm</u>

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
<u>6 1/4</u>				
TOTAL DEPTH <u>2507</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
<u>PBTD 2453</u>	TUBING WEIGHT	OPEN HOLE	STING	
CASING SIZE <u>4 1/2</u>	TUBING CONDITION	TREATMENT VIA	TUBING	
CASING DEPTH <u>2496</u>				
CASING WEIGHT <u>10-B</u>	PACKER DEPTH			
CASING CONDITION <u>good</u>				

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

INSTRUCTIONS PRIOR TO JOB: MTRD Safety Circ 6 bbls of dye with 2% KCl 20 bbl mix flush with 2% KCl 7 bbls fresh with 2% KCl m+p Est. 167 SKs of Ngal-12 120 bbls 2.21 yd 1204 gal/sk 48 bbls of mix water or until dye is seen m+p 56 SKs of Bg lite 13.8 16 gal 1.33 yd 6.28 gal/sk 8 bbls mix water shut down drop plug displace 39 bbls with 2% KCl set plug clean of move out location

JOB SUMMARY: MTRD Safety Circ m+p Drop plug Displacement

DESCRIPTION OF JOB EVENTS	11am	1215pm	1233pm	1246pm	107pm	107pm
					110pm 10 400psi	
					112pm 10 600psi	
					114pm 30 800psi	
					120pm 39 1380psi	

10 bbls to the pit
44 % excess

[Signature]
AUTHORIZATION TO PROCEED

TITLE

11/27/11
DATE

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