

BISON OIL WELL CEMENTING, INC.



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Denver, Colorado 80202
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REF. INVOICE # 11118
LOCATION Kersey
FOREMAN Randy Newton

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
9-9-12	70 Ranch 5-63-27-32 H	27	5N	63W	Weld	
CHARGE TO <u>Bill Barrett</u>		OWNER <u>Bill Barrett</u>				
MAILING ADDRESS		OPERATOR				
CITY		CONTRACTOR <u>Nabors</u>				
STATE ZIP CODE		DISTANCE TO LOCATION <u>110 mi</u>				
TIME ARRIVED ON LOCATION <u>9:00 p.m.</u>		TIME LEFT LOCATION <u>2:00 a.m.</u>				

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
	TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE	TUBING CONDITION		TUBING	
CASING DEPTH		TREATMENT VIA	TYPE OF TREATMENT	
CASING WEIGHT	PACKER DEPTH		TREATMENT RATE	
CASING CONDITION				
PRESSURE SUMMARY				
BREAKDOWN or CIRCULATING psi	AVERAGE psi		BREAKDOWN BPM	
FINAL DISPLACEMENT psi	ISIP psi		INITIAL BPM	
ANNULUS psi	5 MIN SIP psi		FINAL BPM	
MAXIMUM psi	15 MIN SIP psi		MINIMUM BPM	
MINIMUM psi			MAXIMUM BPM	
			AVERAGE BPM	
			HYD HHP = RATE X PRESSURE X 40.8	

INSTRUCTIONS PRIOR TO JOB MIRA pump 80 bbls Diesel shut down drop balls Displace w/ 111 bbls Kch pressure to 1500 psi then 1800, 2200 release pressure pressure backside hook back up Displace hole w/ 193 bbls Kch rig down

JOB SUMMARY			
DESCRIPTION OF JOB EVENTS			
	<u>MIRA</u>	<u>Diesel</u>	<u>Drop balls</u>
	<u>9:00 p.m.</u>	<u>9:50</u>	<u>11:00</u>
		<u>9:54 10 1000</u>	<u>11:10 10 1380</u>
		<u>9:58 20 1090</u>	<u>11:16 20 1330</u>
<u>Flush hole</u>		<u>10:02 30 1170</u>	<u>11:20 30 1370</u>
<u>193 bbls</u>		<u>10:08 40 1240</u>	<u>11:24 40 1330</u>
		<u>10:18 50 1330</u>	<u>11:27 50 1330</u>
		<u>10:29 60 1330</u>	<u>11:30 60 1330</u>
		<u>10:39 70 1330</u>	<u>11:37 70 1330</u>
		<u>10:50 80 1330</u>	<u>11:40 80 1210</u>
		<u>10:55 82.5 1140</u>	<u>11:43 90 1180</u>
			<u>11:46 100 1130</u>
			<u>11:49 109 1400</u>

Robert L. Schatz AUTHORIZATION TO PROCEED
CO-MAN TITLE
9-9-12 DATE

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.