

**BISON OIL WELL CEMENTING, INC.**



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 Denver, Colorado 8  
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REF INVOICE # \_\_\_\_\_

LOCATION Grover Co

FOREMAN Justin Crimblaw

**TREATMENT REPORT**

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
1-5-11	State 9-61-16	16	9N	61W	Weld	

CHARGE TO <u>Excell</u>	OWNER
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR
STATE ZIP CODE	DISTANCE TO LOCATION <u>60 min</u>
TIME ARRIVED ON LOCATION <u>12:30 pm</u>	TIME LEFT LOCATION <u>9:00 pm</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>1034</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>9 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>1028</u>	<u>PB 985</u>	TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>36</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"/> 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	HYD HHP = RATE X PRESSURE X 50.8	

PRESSURE SUMMARY			TREATMENT RATE		
BREAKDOWN CIRCULATING psi	AVERAGE psi		<input type="checkbox"/> ACID BREAKDOWN	MINIMUM BPM	
FINAL DISPLACEMENT bbl	ISIP psi		<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM	
ANNULUS psi	5 MIN SIP psi		<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM	
MAXIMUM psi	15 MIN SIP psi		<input type="checkbox"/> MISC PUMP		
MINIMUM psi			<input type="checkbox"/> OTHER	HYD HHP = RATE X PRESSURE X 50.8	

INSTRUCTIONS PRIOR TO JOB MIRU Safety Circ M+P 513 sks of B3 Lite w/ yield of 1.13 Mix 58.3 bbls of H2O 7/2 H2O Reg 4.78 gal/sks @ 15.2 lbs Dropplug Displace 76.1 bbls of H2O shut in

Annulus .3131 Capacity .0773 @ 80% excess

DESCRIPTION OF JOB EVENTS	12:30pm	7:15pm	7:26pm	7:30am	8:15pm	8:20pm	8:56pm
					8:24pm 10	20	
					8:27pm 20	70	
					8:31pm 30	160	
					8:35pm 40	220	
					8:39pm 50	250	
					8:45pm 60	300	
					8:49pm 70	310	
<u>36cl bbls to pit</u>					8:53pm 76.1	320	

Steve Marklin AUTHORIZATION TO PROCEED      Joolprester TITLE      1-5-11 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 thereof which include the release and indemnity.