

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 10461

LOCATION A-1 W'way

FOREMAN T. B. S.

TREATMENT REPORT

DATE	WELL NAME	SECTION	FW	HQ	CHRT	FORMER
9-17-11	Bld size 1-3-5-45	3	5N	45W	Yuma	
CHARGE TO <u>Excav</u>		OWNER <u>om.m.s. Petroleum</u>				
MAILING ADDRESS		OPERATION				
CITY		CONTRACTOR <u>Excav Rig #2</u>				
STATE OR CODE		DISTANCE TO LOCATION <u>60 miles</u>				
TIME ARRIVED ON LOCATION <u>1:15 pm</u>		REQ: <u>45 pm</u>		TIME LEFT LOCATION <u>3:45</u>		

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>9 7/8</u>	TUBING SIZE	PERFORATION		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>463</u>	TUBING DEPTH	SHOT/SFT	SURFACE PIPE ANNUOUS LUG		
PBTD <u>431</u>	TUBING WEIGHT	OPEN HOLE	STRIKE		
CASING SIZE <u>7"</u>	TUBING CONDITION		TURN		
CASING DEPTH <u>57'</u>		TREATMENT VIA	TYPE OF TREATMENT		
CASING WEIGHT <u>23 lb</u>	PACKED DEPTH		TREATMENT RATE		
CASING CONDITION <u>good</u>			BREAKDOWN RPM		
			INITIAL BPM		
			FINAL BPM		
			MINIMUM BPM		
			MAXIMUM BPM		
			AVERAGE BPM		
			RPM BPM = RATE x PRESSURE x 40.8		

PRESSURE SUMMARY

BREAKDOWN @ OPERATING	PSI	AVERAGE	PSI	JACK BREAKDOWN	
FINAL DISPLACEMENT	PSI	ISIP	PSI	JACK STIMULATION	
ANVILUS	PSI	5 MIN SIP	PSI	JACK SPOTTING	
MAXIMUM	PSI	15 MIN SIP	PSI	JACK PUMP	
MINIMUM	PSI			OTHER	

INSTRUCTIONS PRIOR TO JOB: MIRU, Safety, Circ, M4P 220 sks of B3-1ite, 1.67 yld 4.29 g/dsk
with 22 bbls of mix water drop plug displace 16.9 bbls. Shut well in, Clean up
Max at location

JOB SUMMARY

DESCRIPTION OF JOB EVENTS

MIRU Safety Circ M4P drop plug displacement shut in
13:00 pm 22:00 pm 2:27 pm 2:33 pm 2:51 pm 2:52 pm 3:01 pm

93% excess 100 psi 10 256 pm
170 psi 16.5 3 pm

11 BBLs to fill

John [Signature]
 AUTHORIZATION TO PROCEED

DAIHER

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.