

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 10763

LOCATION UCR 74-27

FOREMAN Pat Mount

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
12-13-11	Scneider USX 11 31-13D	31	7N	66W	WCCD	

CHARGE TO NOBLE	OWNER
MAILING ADDRESS	OPERATOR NOBLE
CITY	CONTRACTOR Ensign 176
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION 4:45 am 4:45 pm	TIME LEFT LOCATION 7:00 am 9:00 pm

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 12 1/4	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH 8888.5	TUBING DEPTH	SHOTS/FT		SURFACE PIPE ANNULUS LONG	
POTD 827.6	TUBING WEIGHT	OPEN HOLE		STRING	
CASING SIZE 8 5/8	TUBING CONDITION			TUBING	
CASING DEPTH 8888.5 827.6		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT 24 #	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION 6000			<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 40.8

PRESSURE SUMMARY			
BREAKDOWN or CIRCULATING psi	AVERAGE psi		
FINAL DISPLACEMENT psi	ISIP psi		
ANNULUS psi	5 MIN SIP psi		
MAXIMUM psi	15 MIN SIP psi		
MINIMUM psi			

INSTRUCTIONS PRIOR TO JOB Rig up after meeting per company CIRC 50 BBL SH20 WITH KEL DYE IN 2ND 10
MIX & PUMP TILL DYE IS SEEN THEN PUMP TUB ONLY AT 15% 100% 100% 100% 100% 100% 100% 100%
WITH OUT TALKING TO CONFIRMATION DROP PLUG DISPLACE 50 BBL SH20 BLUE PLUG 500 PSI OVER
LEFT PRESSURE WAIT 5 MINUS RELEASE PRESSURE WEIGHT PUMP RIG DOWN
HOTTEST GOOD WE HAVE 700 SKS 3202 DYE 15 ATS KEL.

JOB SUMMARY
DESCRIPTION OF JOB EVENTS Satisfactory meeting 6:33 CIRC 7112 CEMENT 7:40
DROPPING 7:57 DISPLACE 8:00
10 803 230 PSI
20 805 230 PSI
30 807 270 PSI
40 809 340 PSI
50 811 270 PSI
52.7 811.8 270 PSI
BLUE PLUG 270 PSI AT 5:27 PM FLOAT COLLAR HELD
USED 20% EXCESS = 350 SKS, 79 BBL S LUMPY
LEFT WITH 350 SKS 1602 DYE 10 ATS KEL.
BBL S to pit 7

Pat Mount
AUTHORIZATION TO PROCEED

TITLE

12-13-11

DATE