

# BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 10851

LOCATION CR 76450

FOREMAN Pat Nowell

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
1-23-12	Heinze USX AD 29-09D	29	7N	64W	WCD	

CHARGE TO NOBLE	OWNER
MAILING ADDRESS	OPERATOR NOBLE
CITY	CONTRACTOR ENSIGN 136
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION 9:00 PM	TIME LEFT LOCATION 1:00 AM

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
12 1/4			SURFACE PIPE ANNULUS LONG		
TOTAL DEPTH 8139	TUBING DEPTH	SHOTS/FT	STRING		
PBTD 783.67	TUBING WEIGHT	OPEN HOLE	TUBING		
CASING SIZE 8 5/8	TUBING CONDITION		TYPE OF TREATMENT		TREATMENT RATE
CASING DEPTH 829		TREATMENT VIA	[X] SURFACE PIPE		BREAKDOWN BPM
CASING WEIGHT 24#	PACKER DEPTH		[ ] PRODUCTION CASING		INITIAL BPM
CASING CONDITION GOOD			[ ] SQUEEZE CEMENT		FINAL BPM
			[ ] ACID BREAKDOWN		MINIMUM BPM
			[ ] ACID STIMULATION		MAXIMUM BPM
			[ ] ACID SPOTTING		AVERAGE BPM
			[ ] MISC PUMP		
			[ ] 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: Right gathering per company man CIRC HOBBIS H20 with KCL  
DYE in 2nd 10 mfp till dye is seen then pump this out at 9:15 and 12:15  
Don't over 30% excess without talking to company man DRAP PLUG DISPLACES  
H20, Bump PLUG 250 PSI over lift PSI wait 5 min release PSI wash plug  
We have 600 SKS 3202 DYE 12 QTS KCL

JOB SUMMARY			
DESCRIPTION OF JOB EVENTS SAT 10:55 m/f 11:20 mix 11:28 DRAP PLUG 11:50			
DISPLACE 11:52			
10 11:58 180 PSI 5 BBL min			
20 11:57 210 PSI 5 BBL min			
30 11:59 310 PSI 5 BBL min			
40 12:01 370 PSI 5 BBL min			
50 12:08 330 PSI 1 BBL min			
Bump PLUG 560 PSI GT 12:08 AM			
used 5% excess = 287 SKS = 6.5 BBL SLOWLY			
Aug cement 3 BBL 5 min			
left with 313 SKS 16 QTS DYE 8 QTS KCL			
10 BBLs to PIT			

*John M Taylor*

AUTHORIZATION TO PROCEED

TITLE

DATE

1-23-12