

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 10611

LOCATION WCR 76+47

FOREMAN Mik Rosale

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
10-30-11	Booth USX 2E-25 11-D	25	7	LSW	Weld	

CHARGE TO <u>Noble</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Noble</u>
CITY	CONTRACTOR <u>Ensign 121</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>9:05 AM</u>	TIME LEFT LOCATION

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>754</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
P13713 <u>703.75</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>749.01</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>2413</u>	PACKER DEPTH		[] SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION <u>Good</u>			[] PRODUCTION CASING		INITIAL BPM
			[] SOOZE 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 Rig up, Sathy meeting, PSE Test, Circulate 50 BBls Ahead H2O/KCL mix 2nd 10 Dye mix + Pump 319 SKs Cement (30% Excess) 12:11 at 15.2 lbs or until Pump men stopper us, Release Plug Displace 44.8 BBls H2O Bump Plug 150 PSI over 1 ft wait 5 min Release Plug, PSE WASL up + Rig Down H2O TEST Good
Arrive with 750 SKs 12 gals of KCL 16 oz Dye Slurry 72

JOB SUMMARY
DESCRIPTION OF JOB EVENTS Sathy meeting 11:00 Am Circulate 11:08 Am Cement 11:26
Drop plug 12:11 pm Displace 12:11 pm

10 BBls at 5-5 BBls/m 12:15 pm 310 PSI used 2 9% Excess
20 BBls at 5-5 BBls/m 12:17 pm 370 PSI used 250 SKs Cement
30 BBls at 5-5 BBls/m 12:19 pm 430 PSI 56 Slurry
40 BBls at 2-5 BBls/m 12:23 pm 360 PSI
44.8 BBls at 1-0 BBls/m 12:26 pm 300 PSI
Bump Plug 1-0 BBls/m 12:26 500 PSI
Flow Collar Held
BBls Back 7
lft with 500 SKs Cement 7 gals KCL + Dye

Michael Magness
AUTHORIZATION TO PROCEED

TITLE

10-30-11

DATE