

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 9296

LOCATION C 57-40

FOREMAN K-K Lullboff
Mike R Tucker

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
9-9-10	Aloysius C 34-21D	34	4N	64W	Weld	

CHARGE TO Noble	OWNER
MAILING ADDRESS	OPERATOR Noble
CITY	CONTRACTOR Ensign 126
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION 12:00am	TIME LEFT LOCATION 4:00am

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 12 1/4	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH 660.1	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD 611.07	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 8 7/8	TUBING CONDITION		TUBING		
CASING DEPTH 656.19		TREATMENT VIA	TYPE OF TREATMENT		
CASING WEIGHT 2415	PACKER DEPTH		TREATMENT RATE		
CASING CONDITION Seal			<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM	
			<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 BHP = RATE X PRESSURE X 40 S	

INSTRUCTIONS PRIOR TO JOB Rig up, safety meeting, Psitest, circ 30 BBLS H2O 2nd 10 w/ Dye mix & Pump 279 SKS cement at 30% excess, at 1.27 yield at 15.2 lbs, or until cement stops us. Release Plug Displace 38.9 BBLS H2O, Bump Plug at 150 psi and lift Ps, wait 5 min, Release Ps, wash up Rig down.

Added w/ 650 SKS cement 4 gallons Kcl 16oz Dye H2O test OK
63 BBLS slurry

JOB SUMMARY DESCRIPTION OF JOB EVENTS Safety meeting 2:13am circ 2:32am cement 2:40am
Drop Plug 3:08am Displace 3:08am

10 BBLS at 5.5 BBLS/m 540psi 3:11am used 56% excess
20 BBLS at 5.5 BBLS/m 580psi 3:13am used 336 SKS cement
30 BBLS at 3.5 BBLS/m 510psi 3:16am 75.6 BBLS slurry
38.9 BBLS at 1.0 BBLS/m 340psi 3:21am
Bump Plug 3:21am 520psi

Lift w/ 314 SKS cement 3 gallons 1qt Kcl 6oz Dye BBLS 13.0 C 26

9-9-10
AUTHORIZATION TO PROCEED
TITLE
DATE