

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 10350

LOCATION W-57142

FOREMAN Mike Rosalez
L/R MARKS

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
10-03-11	Sater C-25 69 HW	14	23	64W	Weld	

CHARGE TO Noble	OWNER
MAILING ADDRESS	OPERATOR Noble
CITY	CONTRACTOR H+P 322
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION 4:45 PM	TIME LEFT LOCATION 9:45

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 13 3/4	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH 677	TUBING DEPTH	SHOTS/FT		SURFACE PIPE ANNULUS LONG	
PBTD 627.07	TUBING WEIGHT	OPEN HOLE		STRING	
CASING SIZE 9 5/8	TUBING CONDITION			TUBING	
CASING DEPTH 670.55		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT 36 LBS	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION Good			<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, Safety meeting, PSI Test, Circulate 50 BBls H₂O KCL mix 2nd 10 Dye mix + Pump 365 sks Cement (30% Excess) yield 1.27 at 15-2 or until Compens man stops use Release plug + Displace 48.4 BBls H₂O Bump Plug at 150 PSI over lift wait 5 min Release PSI, Wash up Rig, Down H₂O TEST Good

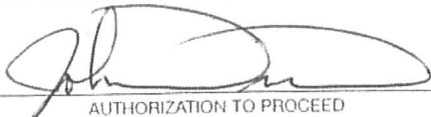
Arrived with 650 sks Cement 12 gals KCL 16 oz Dye Slurry 82.5

JOB SUMMARY
DESCRIPTION OF JOB EVENTS Safety meeting 7:40 PM Circulate 758 PM Cement 8:09
Dzop Plug 8:34 PM Displace 8:34 PM

10 BBls at 5-2 BBls/m 8:39 PM 230 PSI Used 24 % Excess
20 BBls at 5-2 BBls/m 8:41 PM 330 PSI Used 350 sks Cement
30 BBls at 5-2 BBls/m 8:43 PM 380 PSI Slurry 79.1
40 BBls at 2-5 BBls/m 8:45 PM 300 PSI
48.4 BBls at 1-5 BBls/m 8:48 PM 300 PSI
Bump Plug 8:48 PM 520 PSI

BBls Back (6)

Left with 300 sks Cement 7 gal KCL 16 oz Dye


AUTHORIZATION TO PROCEED

Co-Man
TITLE

10-03-11
DATE