

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 11651

LOCATION WCR 23-44

FOREMAN Mike Rosale

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
11-18-12	STROBE PR-013-79 HW				WELL	

CHARGE TO	Noble	OWNER	
MAILING ADDRESS		OPERATOR	L Noble
CITY		CONTRACTOR	H+P 323
STATE ZIP CODE		DISTANCE TO LOCATION	
TIME ARRIVED ON LOCATION	7:00 AM	TIME LEFT LOCATION	12:30 PM

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	13 3/4	TUBING SIZE		THEORETICAL	INSTRUCTED
TOTAL DEPTH	787	TUBING DEPTH		SURFACE PIPE ANNULUS LONG	
PERF 737.16		TUBING WEIGHT		STRING	
CASING SIZE	9 5/8	TUBING CONDITION		TUBING	
CASING DEPTH	777.18	TREATMENT VIA		TYPE OF TREATMENT	
CASING WEIGHT	36.18	PACKER DEPTH		TREATMENT RATE	
CASING CONDITION				BREAKDOWN BPM	
				INITIAL BPM	
				FINAL BPM	
				MINIMUM BPM	
				MAXIMUM BPM	
				AVERAGE BPM	
				HYD HHP = RATE X PRESSURE X 40.8	

PRESSURE SUMMARY				TYPE OF TREATMENT	
BREAKDOWN or CIRCULATING	psi	AVERAGE	psi	[] SURFACE PIPE	
FINAL DISPLACEMENT	psi	ISIP	psi	[] PRODUCTION CASING	
ANNULUS	psi	5 MIN SIP	psi	[] SOOZE CEMENT	
MAXIMUM	psi	15 MIN SIP	psi	[] ACID BREAKDOWN	
MINIMUM	psi			[] ACID STIMULATION	
				[] ACID SPOTTING	
				[] MISC PUMP	
				[] OTHER	

INSTRUCTIONS PRIOR TO JOB Big up, Sathy meeky @ Pms Test 500 Circ 50 BBL H2O mix with KCL 2nd 70 Dye, mix + Pump skid Cement BENTONITE 5% BCL-1 (30% EXOS) at 15-2 BPS 1.27 gals or until Compgram stops us, Release Plug Displace 56.5 BBL H2O Pump Plug 150 PSI over LFL last couple min Release Pst
Arrived 6:00 SHS 10 gk KCL 501BS Sugar 16 gk Dye

JOB SUMMARY

DESCRIPTION OF JOB EVENTS

Main	By up	Sathy meeky	Circ	Mix + Pump	Drop Plug	Displace	Pst	Shut in
9:15 AM	9:50 AM	10:15 AM	10:30 AM	10:58 AM	11:04 AM	11:04	260	
						20	300	
						50	340	
						40	400	
						50	430	
						56.5	310	
								Bump Plug

Left with 179 BPS 5 gk KCL 501BS Sugar

Mix + Pump Skid BCL-1 to PT

10:33-10:53 95.2 (16) Flow After KCL

Kevin L. Loney
AUTHORIZATION TO PROCEED

TITLE

11-18-12

DATE

Customers hereby acknowledge and specifically agree to the terms and conditions on this work order, including, without limitation, the provisions on the reverse side hereof which include the release and indemnity.