

BBLS Back 10

Left w/ 369 3/4 lb cement 3 1/2 gal kcal

10	156 g	+	12.38 cm	150 g
20	165 g	+	12.40	250
30	165 g	+	12.45	250
37	166 g	+	12.45	500
13	166 g	+	12.48 cm	500 g

used 38% extra
used 28% cement
64699 lbs shrap

JOB SUMMARY	
DESCRIPTION OF JOB EVENTS	Safety meeting 11:31pm current 12:08am current 12:17am
	Stop cement 12:30am Drapping 12:35 Psp 12:35

INSTRUCTIONS PRIOR TO JOB
 Pump & 8% statement at 30% excess w/ yield 1.21 at 15.2 lbs overall common chips vs. release
 chip 37 bbls #20 bumping 150 pr. over 11 ft pr. wet 5 mo. release pr. wash up machine
 1 the 1st oil
 Arrived w/ 650 size cement 4 gal 11 cc 16 m dya
 60.6 bbls strong

INSTRUCTIONS PRIOR TO JOB

HOLE SIZE	12 1/4	TUBING SIZE	PERFORATIONS		
TOTAL DEPTH	634	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
CASING SIZE	8 1/2	TUBING WEIGHT	OPEN HOLE	STRING	
CASING DEPTH	627	TUBING CONDITION	TREATMENT VIA	TUBING	
CASING WEIGHT	241 lb	PACKER DEPTH		TYPE OF TREATMENT	TREATMENT RATE
CASING CONDITION	Good				
PRESSURE SUMMARY					
BREAKDOWN or CIRCULATING	psi	AVERAGE	psi	[] ACID BREAKDOWN	MINIMUM BPM
FINAL DISPLACEMENT	psi	ISIP	psi	[] ACID STIMULATION	MAXIMUM BPM
ANNULUS	psi	5 MIN SIP	psi	[] ACID SPOTTING	AVERAGE BPM
MAXIMUM	psi	15 MIN SIP	psi	[] MISC PUMP	
MINIMUM	psi			[] OTHER	
HYD HHP = RATE X PRESSURE X 40.8					

PRESSURE LIMITATIONS

WELL DATA

CHARGE TO	Noble	OWNER	
MAILING ADDRESS		OPERATOR	Noble
CITY		CONTRACTOR	Engle 226
STATE ZIP CODE		DISTANCE TO LOCATION	
TIME ARRIVED ON LOCATION	10:45 hr	TIME LEFT LOCATION	1:30 pm
			7/22/17

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
7/21/12	McMillen 619-270	19	4N	65W	Weld	

TREATMENT REPORT

REF. INVOICE # 11603
LOCATION 614P39
FOREMAN Tjelle Lohrlich
Date: Nov. 27.

BISON OIL WELL CEMENTING, INC.



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