

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
12-17-10	RMR Ranch 13-36	36	2 N	47 W	Yuma	

[illegible][illegible]

4-444185-3647 Capacity 0415 100% excess

Job Summary	Description of Job Events	Start Time	End Time	Duration	Location	Notes
Amnulus 2647	Capacity 2415	100%	Excess			
Job Summary	MI-RU	Safety	Circ	144P	Displace	Station
Description of Job Events	5:45pm	6:52pm	6:54pm	6:56pm	7:15pm	7:26pm

7:49 PM 140
7:54 PM 120

13.5 6675 to P.4

[Signature]
AUTHORIZATION REQUIRED
[Signature]
TITLE
DATE 12/17/00

ADULTERATION OF CIGARETTES
and typically agrees to the terms and conditions in the work order. In addition, the process used by the reverse side is that which includes the unions and industry.

BISON OIL WELL CEMENTING, INC.



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HEL INVOICE # _____

LOCATION Schramm

FOREMAN Randy McLean

TREATMENT REPORT

DATE 12-19-10	WELL NAME RMR Ranch	SECTION 13-36	TWP 36	R1E 2N	COUNTY 47th	FORMATION garnet
CHANGE TO Excell		OWNER Noble				
MAILING ADDRESS		OPERATOR				
CITY		CONTRACTOR Excell TIS 2				
STATE ZIP CODE		TREATMENT TO LOCATION boni				
TIME ARRIVED ON LOCATION 5:30 A.M.		TIME LEFT LOCATION 6:45				

WELL DATA		PRESSURE LIMITATIONS	
HOLE SIZE 6 1/4	TUBING SIZE	PENETRATIONS	THEORETICAL
TOTAL DEPTH 2784	TUBING DEPTH	SURFACE PIPE ANNULUS LONG	INSTRUCTED
	DISPLACEMENT	STING	
CASING SIZE 4 1/2	TUBING CONDITION	TURNS	
CASING DEPTH	TREATMENT VIA	TYPE OF TREATMENT	
CASING WEIGHT 10.5 #	PACKER DEPTH	1. SURFACE PIPE	
CASING CONDITION good		2. PRODUCTION CASING	
PRESSURE SUMMARY		1. SHEET CEMENT	
PRE-CEMENTATION	AVERAGE	1. ACID BREAKDOWN	
FINAL DISPLACEMENT	DISPLACEMENT	1. ACID STIMULATION	
APPALIS	5 MIN SP	1. ACID SPOTTING	
MAXIMUM	15 MIN SP	1. MISC PHASE	
MINIMUM	1 MIN SP	1. OTHER	
		TREATMENT RATE	
		FIRE-ARMED BY	
		INITIAL BY	
		FINAL BY	
		MAXIMUM BY	
		AVERAGE BY	
		HYD HP = RATE X PRESSURE X 4.08	

INSTRUCTIONS PRIOR TO JOB: **MTX run 70 BRL mud flush mix pump 91 sbs ahead of 12/16**
get on flow later set of 45 lb gal/stk 36 BRL mix ahead of 2 1/4 cut back mix pump
2 1/4 sbs of 16 lb/stk @ 13.8 lb/gal water cement 9.7 gal/stk 13.8 lb/stk 13.8 lb/stk
can't get shut down before dropping to 13.8 lb/stk 13.8 lb/stk 20 lb/stk water 100 lb/stk 100 lb/stk
20 lb/stk 20 lb/stk as per case location field ref

JOB SUMMARY	
DESCRIPTION OF JOB EVENTS	MTX 2000 800 AM 9:05 8:45 9:100
Displace	5.36 AM 800 AM 9:05 8:45 9:100
90 #	hand pump Rig down 9:35
913 10 100	9:12 9:35
916 20 200	
920 30 300	
924 40 400	
928 43 4300	

14 BRL cement 100 lb/stk
hand pump 100 lb/stk

Chad Field Rep 12-19-10

ADDITIONAL TO PROCEED
 CUSTOMER HEREBY ACKNOWLEDGES AND SPECIFICALLY AGREES TO THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF WHICH INCLUDE THE ENTIRE AND EXCLUSIVE