

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 11429
LOCATION CR 44 + 50.5
FOREMAN Pat Nowlin

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
2-29-12	DICKENS F 32-28D	32	5N	65W	WELD	
CHARGE TO NOBLE			OWNER			
MAILING ADDRESS			OPERATOR NOBLE			
CITY			CONTRACTOR ENSIGN 131			
STATE ZIP CODE			DISTANCE TO LOCATION			
TIME ARRIVED ON LOCATION 11:45			TIME LEFT LOCATION 7:15			

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 12 1/2	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH 613	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD 567.87	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 5 5/8	TUBING CONDITION		TUBING		
CASING DEPTH 613.2		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT 24#	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION 600D			<input type="checkbox"/> PRODUCTION CASING		INITIAL BPM
			<input type="checkbox"/> SOEEZE 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

INSTRUCTIONS PRIOR TO JOB RIG UP SAT 5:10 AM MEETING PER COMPANY REP, CIRC HOBBES H2O WITH KCC DYE IN 2ND 10 MIX 4 PUMP TILL DYE ISSUES THEN PUMP TUB 04 1/2 X 97 1/2 613 1.27 YARD DONT GO OVER 30% EXCESS WITH OUT TALKING TO COMPANY REP DROP PLUG DISPLACE 36 BBL H2O Bump PLUG 150 PSI OVER LIFT PSE WAIT 5 MINUS. Release PSE WAS 4 HP PLUG DOWN. Well has 600 SKS 3202 DYE GASTHCEL

JOB SUMMARY
DESCRIPTION OF JOB EVENTS SAT 5:02 CIRC 5136 MIX 5147 DROP PLUG 6:09
DISPLACE 6:13
10 6:15 330 PSI 5 BBL MIN
20 6:17 400 PSI 5 BBL MIN
30 6:22 320 PSI 3 BBL MIN
36 6:28 280 PSI 1 BBL MIN
Bump PLUG 540 PSI AT 6:28 PM Float collar 1' HCD
USED 35% EXCESS = 274 SKS = 67 BBL SLURRY
AVE cement 3 BBL MIN
LEFT WITH 326 SKS 3202 DYE 4 QTS HCEL
8 bbls SLURRY TO THE PIT

[Signature]

AUTHORIZATION TO PROCEED

TITLE

2-29-12

DATE