

BISON OIL WELL CEMENTING, INC.



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REF INVOICE # 11321

LOCATION 68-69

FOREMAN Kirk Hallbo FF
P.O. Mario

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
9-9-12	Wells Ranch AE 08-68 1H2	8	6N	62W	Weld	
CHARGE TO Nole		OWNER				
MAILING ADDRESS		OPERATOR Nole				
CITY		CONTRACTOR Eisinger 136				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION 4:30am		TIME LEFT LOCATION 9:30am				

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE 13 3/4	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
TOTAL DEPTH 816	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
PBD 764	TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE 9 5/8	TUBING CONDITION		TUBING	
CASING DEPTH 806		TREATMENT VIA	TYPE OF TREATMENT	
CASING WEIGHT 3615	PACKER DEPTH		1 SURFACE PIPE	BREAKDOWN BPM
CASING CONDITION good			1 PRODUCTION CASING	INITIAL BPM
			1 SOOZE CEMENT	FINAL BPM
			1 ACID BREAKDOWN	MINIMUM BPM
			1 ACID STIMULATION	MAXIMUM BPM
			1 ACID SPOTTING	AVERAGE BPM
			1 MISC PUMP	
			1 OTHER	HYD RIP = RATE X PRESSURE X 40.8

INSTRUCTIONS PRIOR TO JOB: Rig up, Soften cement, PSI test, Per cement 60 BBLS Kel H2O, 2nd 1000 Dye mix Pump
440 SKS cement at 30% Excess at 1127 yield at 1512 BBS cement all stopped By cement Release Plug Disp
59 BBLS H2O, Pump Plug at 150 psi out Lift PSI, wait 5 min Release PSI, wash up, Rig down
H2O PSI OK
99.5 BBLS slurry

Arrived w/ 750 SKS cement 4gall Kel 16oz Dye
JOB SUMMARY
DESCRIPTION OF JOB EVENTS: Soften cement 7:32am 7:55am cement 8:05am Supplement 8:27am
Dep Plug 8:31am Displace 8:31am
10 BBLS At 6 BBLS/min 8:32am 300psi
20 BBLS At 6 BBLS/min 8:34am 300psi
30 BBLS At 6 BBLS/min 8:35am 350psi
40 BBLS At 6 BBLS/min 8:37am 450psi
50 BBLS At 6 BBLS/min 8:39am 500psi
59 BBLS At 1 BBL/min 8:42am 300psi
Bump Plug 8:42am 540psi
Used 140% Excess
Used 386 SKS cement
87.3 BBLS slurry

LFTW/ 364 SKS cement 2gall 2gls Kel 6oz Dye
BBLS BBL 14

[Signature] Well Site Supervisor
AUTHORIZATION TO PROCEED

9-9-12
DATE

Customers hereby acknowledges and specifically agrees to the terms and conditions on this work order, including, without limitation, the provisions on the reverse side thereof which include the release and indemnity