

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 9232

LOCATION cr 55-80

FOREMAN Kirk Kallher
mike R, Tucker, Grant L

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
8-23-10	Dillard USR AB03-04P	3	7N	64W	weld	

CHARGE TO	WELL DATA	OWNER
MAILING ADDRESS		OPERATOR
CITY		CONTRACTOR
STATE ZIP CODE		DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION		TIME LEFT LOCATION

HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
12 1/4				
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
PBTD	TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE	TUBING CONDITION		TUBING	

CASING DEPTH	TREATMENT VIA	TYPE OF TREATMENT	TREATMENT RATE
		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM
		<input type="checkbox"/> PRODUCTION CASING	INITIAL BPM
		<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM

BREAKDOWN or CIRCULATING	psi	AVERAGE	psi	<input type="checkbox"/> ACID BREAKDOWN	MINIMUM BPM
FINAL DISPLACEMENT	psi	ISIP	psi	<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM
ANNULUS	psi	5 MIN SIP	psi	<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM
MAXIMUM	psi	15 MIN SIP	psi	<input type="checkbox"/> MISC PUMP	
MINIMUM	psi			<input type="checkbox"/> OTHER	HYD HHP = RATE X PRESSURE X 40.8

INSTRUCTIONS PRIOR TO JOB: Rig up, set plug, mixing, Dis test, circ 40 BBLS H₂O 2' 10" Dye, misc Pump 332 SKS cement at 30% excess at 1.27 yield at 15.2 ISS circ until roman stops, Release Plug, Displace 46.4 BBLS H₂O, Pump Plug at 150 psi over Lift psi with 5 min Release PSI wash up Rig Down.

Arrived w/ 575 SKS cement 4 gallons KCL 16oz Dye
M20 test oil 75 BBLS slurry

JOB SUMMARY
DESCRIPTION OF JOB EVENTS: set plug, mixing 1:05am circ 1:25am cement 1:35am
Pump Plug 1:57am Displace 1:57am

used 8% excess
used 279 SKS
62.3 BBLS slurry

10 BBLS @ 5.5 BBLS/m 2:00am 530 psi
20 BBLS @ 5.5 BBLS/m 2:02am 650 psi
30 BBLS @ 5.5 BBLS/m 2:04am 680 psi
40 BBLS @ 3.5 BBLS/m 2:07am 460 psi
46.4 BBLS @ 1.0 BBLS/m 2:12am 360 psi
Bump Plug 2:12am 510 psi

Lift w/ 296 SKS cement 3 gallons KCL 6oz Dye
BBLS Back 13

M. Sittler

AUTHORIZATION TO PROCEED

TITLE

DATE