

BISON OIL WELL CEMENTING, INC.



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02617624

REF. INVOICE # 10526

LOCATION Verano

FOREMAN Lee Sharp

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
10/30/04	Chapman SWD#1	SWNW 33	1S	44W	Linne	
CHANGE TO	EXCELL	OPERATION	Noble			
MAILING ADDRESS		CONTRACTOR	EXCELL RIG 3			
CITY		DISTANCE TO LOCATION	34			
STATE ZIP CODE		TIME 1 FET LOCATION	200 AM			
TIME ARRIVED ON LOCATION	8:00 PM 9:00 PM					

WELL DATA		PRESSURE LIMITATIONS	
HOLE SIZE 12 1/4	TUBING SIZE	PERFORATIONS	THEORETICAL
TOTAL DEPTH 390	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG
CASING SIZE 9 5/8	TUBING WEIGHT	OPEN HOLE	STRING
CASING DEPTH 372	TUBING CONDITION	TREATMENT VIA	TUBING
CASING WEIGHT 36	PACKER DEPTH	TYPE OF TREATMENT	TREATMENT RATE
CASING CONDITION 6.0		1 X SURFACE PIPE	ONE AND DOWN BPM
		1 PRODUCTION CASING	INITIAL BPM
		1 SQUEEZE CEMENT	FINAL BPM
		1 ACID BREAKDOWN	MINIMUM BPM
		1 ACID STIMULATION	MAXIMUM BPM
		1 ACID SPOTTING	AVERAGE BPM
		1 MISC PUMP	
		1 OTHER	INTO PMP = RATE X PRESSURE X .076

PRESSURE SUMMARY

BREAKDOWN OF CIRCULATING PSI	AVERAGE PSI	1 ACID BREAKDOWN	MINIMUM BPM
FINAL DISPLACEMENT PSI	ISIP PSI	1 ACID STIMULATION	MAXIMUM BPM
ANNULUS PSI	5 MIN SIP PSI	1 ACID SPOTTING	AVERAGE BPM
MAXIMUM PSI	15 MIN SIP PSI	1 MISC PUMP	
MINIMUM PSI		1 OTHER	INTO PMP = RATE X PRESSURE X .076

INSTRUCTIONS PRIOR TO JOB

MITRU, Safety, Break Circulation, M&P, Drop plug, Displace, CURD
Comment B.T.L. Litter 15.2 lb/gal, 1.07 yield, 4.2 gal/sack

Annular factor 3.132, casing exp. 0.773

JOB SUMMARY

DESCRIPTION OF JOB EVENTS

MITRU @ 11:15 AM, Safety @ 12:00 AM, BC @ 10:20 AM, M&P @ 1:05 PM
Drop Plug @ 12:00 AM, Displace @ 12:30 AM, Plug Down @ 1:30 AM, CURD @ 1:40 AM
12.6 to 6.0 set Plug @ 1:00 AM
129 20 110 @ 500 PSI
130 26.8 530

90% excess

10661 split

Eric Evans

AUTHORIZATION TO PROCEED

TITLE

10/30/04

DATE

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