

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 10852
LOCATION CR36.5-CR17
FOREMAN PARMOOD

TREATMENT REPORT

DATE <u>1-28-12</u>	WELL NAME <u>UPV POS-180</u>	SECTION <u>5</u>	TWP <u>3N</u>	RGE <u>67W</u>	COUNTY <u>VEED</u>	FORMATION
CHARGE TO <u>NOBLE</u>		OWNER				
MAILING ADDRESS		OPERATOR <u>NOBLE</u>				
CITY		CONTRACTOR <u>SAXON 145</u>				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <u>6:10</u>		TIME LEFT LOCATION <u>10:30</u>				

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE <u>17 1/2</u>	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>616</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
PRTD <u>568.5</u>	TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING	
CASING DEPTH <u>608</u>		TREATMENT VIA	TYPE OF TREATMENT	
CASING WEIGHT <u>24.1</u>	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM
CASING CONDITION <u>GOOD</u>			<input type="checkbox"/> PRODUCTION CASING	INITIAL BPM
			<input type="checkbox"/> SQUEEZE 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

PRESSURE SUMMARY			
BREAKDOWN or CIRCULATING	psi	AVERAGE	psi
FINAL DISPLACEMENT	psi	ISIP	psi
ANNULUS	psi	5 MIN SIP	psi
MAXIMUM	psi	15 MIN SIP	psi
MINIMUM	psi		

INSTRUCTIONS PRIOR TO JOB RIGHT SATURDAY PER DO MANY REQUESTS AND 40 BBS 1120
W/ KCL DYE IN 2ND 10, 11#P WILL DYE IS SEEN THEN PUMP TAP ONLY AT 15. 2ND 20
DON'T GO OVER 800 EXCESS WITH OUT TALKING TO COMPANY MAN, DROP PLUG DISPLACE
36 BBS BUMP PLUG 150 PSI EVEN 14 PSI WAIT 5 MIN RELEASE PSI WASH UP
W/ DOWN W/ HAVE 600 GRS 3702 PVL 845 KCL

JOB SUMMARY
DESCRIPTION OF JOB EVENTS SAT 7:36 AM CIRC 8:10 MIX 8:20 DROP PLUG 8:36
DISPLACE 8:38
10 8:42 160 PSI 5 BBS MV
20 8:44 220 5
30 8:46 220 3
36 8:50 210 1

PLUG DID NOT BUMP FLOAT COLLAR DID NOT HOLD
USED 210 EXCESS = 243 SKS = 55 BBS SLURRY
AUG CURRENT 3.500 IS MIN
LEFT WITH 357 SKS 1602 DYE 4 OUT KCL
RIGHT HANDS ON SAXON 145 TURNED OFF STEAM WAITED 30 MINUS. TO RELEASE
BBS TO PIT 3 PRESSURE TO RIG DOWN

1-28-12
AUTHORIZATION TO PROCEED
TITLE
DATE