

BISON OIL WELL CEMENTING, INC.



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TREATMENT REPORT

DATE	5-10-11	WELL NAME	Megan State #15-33-D
SECTION	16	TWP	3
RGE	65	COUNTY	Weld
FORMATION			

OWNER	Noble
OPERATOR	Noble
CONTRACTOR	Saxon 144
DISTANCE TO LOCATION	900 ft
TIME LEFT LOCATION	4:00 P.M.

WELL DATA	
HOLE SIZE	12 1/4
TUBING DEPTH	977
TUBING WEIGHT	927.86
CASING DEPTH	920.03
CASING WEIGHT	24105
CASING CONDITION	Good
PRESSURE SUMMARY	
BREAKDOWN OR CIRCULATING	psi
AVERAGE	psi
ISIP	psi
ACID BREAKDOWN	psi
SOEZE CEMENT	psi
FINAL BPM	
INITIAL BPM	
BREAKDOWN BPM	
TYPE OF TREATMENT	
SURFACE PIPE	
PRODUCTION CASING	
SOEZE CEMENT	
ACID BREAKDOWN	
ACID STIMULATION	
ACID SPOTTING	
MISC PUMP	
OTHER	
TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	
HYD HHP = RATE X PRESSURE X 40.8	

INSTRUCTIONS PRIOR TO JOB	
Rig up, Satisfactory, PSI Test, 500 PSI, Cur 60 BBls/Kel mix and 10 Bbls, mix + pump 413 SKS Cement (30% excess) 127 gals at 15.2 lbs, or unit Companyman stopper us, Deep Plug, Displace 59.1 BBls H ₂ O, bump plug at 150 Over 1.0 ft, mix couple our Release Pils, Wash up, Rig down, Arrived with 950 SKS Cement to get Kel, 16.02 Day, Slurry, Houston	
JOB SUMMARY	
DESCRIPTION OF JOB EVENTS	
Cement stop 7:52 Drop plug 7:54 Displace 7:56 PM Cur 7:14 PM Cement start 7:31	

JOB SUMMARY	
DESCRIPTION OF JOB EVENTS	
10 Bbls at 5-6 BBls/m 8:03 280 PSI 20 Bbls at 5-6 BBls/m 8:05 380 PSI 30 Bbls at 5-6 BBls/m 8:09 PM 450 PSI 40 Bbls at 5-6 BBls/m 8:11 PM 520 PSI 50 Bbls at 5-6 BBls/m 8:14 PM 450 PSI 59.1 Bbls at 1-3 BBls/m 8:14 PM 450 PSI Buy plug 1-3 Bbls 8:14 PM 6:10 PSI 300 Bbls to PIT	
Left with 350 SKS Cement 4 gals Kel to Day 10	

DATE	5-10-12
TITLE	WSS
AUTHORIZATION TO PROCEED	Van Stent

Customers hereby acknowledge and specifically agree 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.

REF INVOICE # 11530
LOCATION LWR 321 413
FOREMAN Mike Resater