

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 9810
LOCATION Gutherson Ranch
FOREMAN Daniel Seltman

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
5-12-11	Gutherson R 22-22	22	3N	64W	Weld	

CHARGE TO <u>Noble</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Noble</u>
CITY	CONTRACTOR <u>ENSIGN 55</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>12:01</u>	TIME LEFT LOCATION <u>3:30 PM</u>

WELL DATA		PRESSURE LIMITATIONS	
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL
TOTAL DEPTH <u>855.0</u>	TUBING DEPTH	SHOTS/FT	INSTRUCTED
<u>PRD 704.48</u>	TUBING WEIGHT	OPEN HOLE	
CASING SIZE <u>8 5/8</u>	TUBING CONDITION	STRING	
CASING DEPTH <u>748.0</u>		TUBING	

CASING DEPTH 748.0		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE	
CASING WEIGHT 24#	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE		BREAKDOWN BPM	
CASING CONDITION good			<input type="checkbox"/> PRODUCTION CASING		INITIAL BPM	

PRESSURE SUMMARY		[] SQUEEZE CEMENT	FINAL BPM
BREAKDOWN or CIRCULATING psi	AVERAGE		

INSTRUCTIONS PRIOR TO JOB Ris up, Safety meeting, PSI test, Circ 40 bbls of H₂O w/ KCL 2nd 10 w/ 6oz Dye, met 400g 3/4 sks of Cement @ 30% @ 15.2' @ 1.27 yield or until stopped by CO man, Drop Plug Displace 448 bbls of H₂O Pump Plug @ 150 psi over 1.1 ft psi, wait 5 min. Release psi Riskup Ris Down

Arrival w 700 sks of Cement 941 KCL 3200 Dye 721 bbls of Slurry

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Safety meeting 2:46 pm Circ 2:56 pm Cement 3:07 pm
Drop Plug 3:23 pm Displace 3:23 pm

10 bbls 6.0/m	240 psi	3:27 pm	used 250 sks of cement 1% excess 56.6 bbls of Slurry
20 bbls 6.0/m	300 psi	3:30 pm	
30 bbls 6.0/m	420 psi	3:32 pm	
40 bbls 2.5/m	420 psi	3:35 pm	
448 bbls 1.0/m	320 psi	3:38 pm	
Pump Plug 580 psi		3:38 pm	

Left w 450 sks of Cement 341 KCL 1600 Dye 7 bbls of Slurry to pit

AUTHORIZATION TO PROCEED

TITLE

DATE

5-12-11