

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 11407
LOCATION 49+50
FOREMAN Link
Tucker-Dario Pete

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
3/7/12	Schmidt PC COB-69 HC	01	2N	3W	Weld	
CHARGE TO <u>Noble</u>		OWNER				
MAILING ADDRESS		OPERATOR <u>Noble</u>				
CITY		CONTRACTOR <u>Ensign 132</u>				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <u>5:45 am</u>		TIME LEFT LOCATION <u>8:30pm</u>				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>13 3/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>740</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD <u>707.82</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>9 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>753.02</u>	TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE	
CASING WEIGHT <u>3616</u>	PACKER DEPTH	1- SURFACE PIPE		BREAKDOWN BPM	
CASING CONDITION <u>Good</u>		[] PRODUCTION CASING		INITIAL BPM	
		[] SQUEEZE CEMENT		FINAL BPM	
		[] ACID BREAKDOWN		MINIMUM BPM	
		[] ACID STIMULATION		MAXIMUM BPM	
		[] ACID SPOTTING		AVERAGE BPM	
		[] MISC PUMP			
		[] OTHER		HYD HHP = RATE X PRESSURE X 40.8	

INSTRUCTIONS PRIOR TO JOB Rig up, Safety meeting, PST test Per co-man, circ 50 bbls KCL H2O, 2nd 10 w/dye
mix & pump 410 sks cement at 30% excess at 1.27 yield at 30% excess at 15.2 lbs or until co-man stops
us. Release Plug disp 54.7 bbls H2O, Bump Plug at 150 psi over 1st psi. Wait 5 min, release psi
wash up, rig down H2O test ok
Arrived w/ 750 sks cement, 4 gal KCL, 16 oz dye 92.7 bbls slurry

JOB SUMMARY
DESCRIPTION OF JOB EVENTS safety meeting 6:22pm circ 6:32pm cement 6:40pm
stop cement 7:02pm Drop Plug 7:04pm Displace 7:04pm

10 bbls at 6.0 BBS/m 7:07pm 150psi	used 28% excess
20 bbls at 6.0 BBS/m 7:08pm 300psi	used 404 sks cement
30 bbls at 6.0 BBS/m 7:10pm 450psi	91.3 bbls slurry
40 bbls at 6.0 BBS/m 7:12pm 550psi	
50 bbls at 2.5 BBS/m 7:14pm 400psi	22 sks Top of F
54.7 bbls at 1.0 BBS/m 7:16pm 300psi	
Bump Plug 7:16pm 600psi	

left w/ 346 sks cement 2 gal 3/4 sks KCL & dye blks back 3

C. J. Kenna
AUTHORIZATION TO PROCEED

WSS
TITLE

3/7/12
DATE