

BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102
Denver, Colorado 80202
Phone: 303-296-3010
Fax: 303-298-8143
E-mail: bisonoil1@qwestoffice.net

REF. INVOICE # 8989

LOCATION WCR 136+91

FOREMAN CALVIN REIMERS

TREATMENT REPORT

DATE 5-19-10	WELL NAME ZITEK 34-33	SECTION 34	TWP 12N	RGE 61W	COUNTY Weld	FORMATION
CHARGE TO Noble		OWNER				
MAILING ADDRESS		OPERATOR Noble				
CITY		CONTRACTOR Fort Rig 5				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION 10:15 am		TIME LEFT LOCATION 4:00 pm				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 12 1/4	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH 1070	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD 1024.21	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 8 5/8	TUBING CONDITION		TUBING		
CASING DEPTH 1062.23		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT 24 lb.	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION Good			<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 S		

INSTRUCTIONS PRIOR TO JOB Rig up, Safety meeting, per Company Man, Circ 30 bbls H₂O with KCL No Dye, Mix + pump
Lead 30% Excess = 340 sacks cement, 102.33 bbls slurry at 13.1 lb. 1.67 yield, Tail 100 sacks cement,
22.61 bbls slurry at 15.2 lb. 1.27 yield, Drop plug, Displace 65.2 bbls H₂O, Bump plug at no more
than 150 psi over lift psi, wait 5 min then bleed off psi, wash up, Rig down, we have
700 sacks cement, 32 oz Dye, 21 qts. KCL,

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Safety meeting 1:37pm, Circ 2:01pm, Cement 2:07pm

Drop plug 2:52pm, Displace 2:53pm

10 bbls 220 Psi 2:57pm 7.0 bbls/pm

20 bbls 290 Psi 2:58pm 7.0 bbls/pm

30 bbls 330 Psi 3:00pm 7.0 bbls/pm

40 bbls 380 Psi 3:02pm 7.0 bbls/pm

50 bbls 440 Psi 3:04pm 7.0 bbls/pm

60 bbls 480 Psi 3:06pm 6.0 bbls/pm

65.2 bbls 330 Psi 3:09pm 8.6 bbls/pm

Bump Plug 480 Psi at 3:09pm Psi Held for 5 min

Left with 260 sacks cement, 32 oz Dye, 18 qts KCL

30 To The Pit

AUTHORIZATION TO PROCEED

TITLE

5-19-10

DATE