

BISON OIL WELL CEMENTING, INC.

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TREATMENT REPORT

DATE	1-11-12	WELL NAME	Bearhawk PE 531-31-D	SECTION	31	TWP	5N	RGE	66W	COUNTY	Weld	FORMATION	
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CHARGE TO	Noble	OWNER	
MAILING ADDRESS		OPERATOR	Noble
CITY		CONTRACTOR	Saxon 145
STATE ZIP CODE		DISTANCE TO LOCATION	
TIME ARRIVED ON LOCATION	5:30	TIME LEFT LOCATION	1:30

12/14	TUBING SIZE	PERFORATIONS			THEORETICAL	INSTRUCTED
702.19	TUBING DEPTH	SHOTS/FT			SURFACE PIPE ANNULUS LONG	
656.77	TUBING WEIGHT	OPEN HOLE			STRING	
858	CASING SIZE	TUBING CONDITION			TUBING	
702.19	CASING DEPTH	TREATMENT VIA			TYPE OF TREATMENT	TREATMENT RATE

[illegible]

INSTRUCTIONS PRIOR TO JOB
Kiseg, Softening, DIST 500 PSI, Circ. 40 BBL 1 H2O / cell mix

2nd 10 Day, mix + Pump 300 sks (Pent 1 (30% Excess)) 137 gals at 15-2 1155
Or until Company men stop us, Release Plug Displace 41.8 Bbls And Bump Plug 150
PSI over 1100, wait 5 min. Release PSI wash up Bar Down
Arrive 1 with 652 sks Pent 1 1094 KIL 100 Dr 142
Shore 6785
H2O test

JOB SUMMARY

DESCRIPTION OF JOB EVENTS

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Safety meeting	9:50
Arr.	10:21
Cement	10:30
Drop Plug	10:51
Displace	10:51

10 BBLs at 5-0 BBL/m 10:54	2220 PST	USED 8	% EXCESS
20 BBLs at 5-0 BBL/m 10:56	320 PST	USED 250 SKS	Remain
30 BBLs at 5-0 BBL/m 10:58	380 PST	Slurry	56.54

Flowing Plug 4.5 BBL/hr 11.02 530 PSI

Flow collar held
BBs back to P.T

Left with 4/100 SKS Cement to gts KCL & Dye

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AUTHORIZATION TO PROCEED

TITLE

DATE _____

Customers hereby acknowledges and specifically agrees 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.