



00213245

8-24-76	7590-PBTD	MI-RU Maddox Well Serv. Hauled in Tbg.
25	7000-PB	Prep run Tbg. Picked up 2-7/8" OD Tbg & ran in to 7595' to check fill-up. No fill-up in hole. Pulled Tbg up to 6800' - Dumped sand in hole & filled hole to 7000'-PBTD. Pulled Tbg. Jet perf. Niobrara 6915-6935 w/ 2 holes per Ft. SDON.
26	"	Prep Frac. Ran Tbg, set Pkr @ 6050' - Shut down account water trucks broke down, not enough water to frac.
27	"	Prep test. Waterfrac treated Niobrara perfs 6915-35 as follows: 55,000 Gals gelled 2% KCL Wtr w/30# guar gum & 20# silica flour per 1000 Gals & 100,000# 20-40 Sd in 4 stages, 10,000 Gals Gelled Wtr as spearhead, 10,000 Gals gelled Wtr w/10,000# Sd, 15,000 Gals gelled Wtr w/30,000# Sd, & 20,000 Gals gelled Wtr w/60,000# Sd. Max P-4400#. IR-20 BPM. SDON.
28	"	Prep Cln out Sand. Yest AM-TP-100#. Flowed well to pit for 1 1/2 Hrs, flowed Load Wtr. Pulled Tbg & Pkr. Ran Tbg, tagged Sd @ 6460' - Pulled 2 Stands Tbg & SDON.
29	"	SD for Sun. Circ & Rev. out sand to 7010' - Well flowed load Wtr 1/2 Hr. SDON.
30	"	SD for Sunday. Prep swab.
31	"	Con't swab. Yest AM-TP-0#. Removed BOP. Pulled Tbg up to 6910' - Swabbed 150 BLW in 10 Hrs f/Niobrara perfs 6915-6935. SDON. \$36,186.
9-1-76	"	Con't Swab. Yest AM-TP-100#. Swabbed 150 BLW in 10 Hrs. f/Niobrara perfs 6915-6935. Last 2 runs, started showing very slight trace oil. (-950 BLW) \$37,086.
2	"	Con't swab. Yest AM-TP-100#. Bled down in 5 mins. Found FL @ 4000' - Sw. 170 BLW w/trace oil in 11 Hrs. FL 6500' after 11 Hr. (-780 BLW) SDON. \$37,9
3	"	Con't swab. Yest AM-TP-50#. FL-5000' - Sw. 150 BLW w/sl. trace oil, vy sli. show gas in 11 Hrs f/Niobrara perfs 6915-35. (-630 BLW) SDON. \$38,886.
4	"	Con't swab. X Yest AM-FL-5000'. Sw. 12 bbls oil, 18 BLW in 11 Hrs f/Niobrara perfs 6915-35. FL-6900' after 11 Hrs. (-612 BLW) \$39,786.
5	"	S.D. for Holiday. Yest AM-TP-50#, FL-6300' - Sw. 7 1/2 bbls oil, 7 1/2 bbls Wtr. in 10 Hrs f/Niobrara perfs 6915-35. FL-6850' (-604 BLW) \$40,686.
6 & 7	"	S.D. for Holiday - Prep swab.
8	"	Con't swab. Yest AM-TP-50#, FL-6250' - Sw. 10 bbls oil, 10 bbls Wtr in 10 Hrs f/Niobrara perfs 6915-35. FL-6850'. (-594 BLW) \$41,586. Well gassing some w/each run of swab.
9	"	Con't pull Tbg. Yest AM made 2 runs w/swab, rec. 3 BO & 30 BLW in 1 Hr. (-591 BLW) Started pulling Tbg, tongs broke down. SDON. \$41,886.
10	"	Pulled Tbg & Pkr. Re-ran 2-7/8" Tbg, S.N. @ 6920' - Rigged down & moved to another well. \$42,786.
1 & 12	"	W.O. Pull Unit.
13	"	Rigging up - Prep run rods.
14	"	Prep run rods. Rigged up Unit - SDON.
15	"	W. O. Pumping Unit. Ran 1 1/4" pump & rods. SDON.
9-18-76	7000-PB	W. O. Pump equip.
19	"	" " " "
20	"	Prep install P.E.
21, 22, 23	"	Installing P.E.
24	"	PFT - Pumped 8 Hrs & did not pump up.
25	"	W. O. Magneto - Quit pumping. Engine Trouble.
26 & 27	"	W. O. Magneto.
28 & 29	"	PFT. Not pumped up yet.
30	"	PFT
10-1-76	"	Pumped 8 1/2 bbls Wtr, no oil in 24 Hrs f/Niobrara Perfs 6915-6935.

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1	"	Pumped 8 $\frac{1}{2}$ bbls Wtr, no oil in 24 Hrs f/Niobrara Perfs 6915-6935.
2	"	" 6 " " " " " " " " "
3	"	" 6 " " " " " " " " "
4	"	Shut down last 24 hrs, not enough gas to run engine.
5	"	Down last 24 Hrs. Unable to get Starting Engine to run. Bad Magneto.
6	"	PFT. Pmpd 6 BW, no oil in 24 Hrs. (-565 BLW)
7	"	" " 6 " " " " " " " (-559 BLW)

-8-76 7000-PB OPERATION COMPLETED: Well quit pumping, SI, & suspended. (-559 BLW)

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