

Sinclair Oil & Gas Company
Record of Drill Stem Test -
State Lea 403 lease, Well No. 4
Unit Ltr D, Sec. 17-188-35E, Lea County, New Mexico

- DST #1 San Andres 4220-4290 5/8x1" choke, No. WC, Open 2 hrs w/weak blow thruout test. Rec. 15' slightly gas cut mud. 5 min IOFP 5#, 1 hr ISIP 101#, IFP 43#, FFP 43#, 2 hr FSIP 640#.
- DST #2 San Andres 4590-4675 5/8x1" choke, No. WC, Open 2 hrs w/weak blow thruout test. Rec. 335' drlg mud. 5 min IOFP 116#, 1 hr ISIP 2107#, IFP 175#, FFP 218#, 2 hr FSIP 2107#.
- DST #3 San Andres 5090-5180 5/8x1" choke, No WC, Open 2 hrs w/weak blow, dead in 5 min. Rec. 40' drlg mud, 5 min IOFP 73#, 1 hr ISIP 611#, IOFP 102#, FFP 131#, 2 hr FSIP 349#.
- DST #4 Delaware 5690-5810 5/8x1" choke, No WC, Open 2 hrs w/good blow decreasing to weak in 2 hrs. Rec. 392' drlg mud, 279' muddy gas cut water & 738' salt water. 5 min IOFP 110#, 1 hr ISIP 2237#, IFP 197#, FFP 675#, 2 hr ISIP 1935#, Hyd Press 2733#, Temp. 130°.
- DST #5 Delaware 6000-6100 5/8x1" choke, No WC, Open 2 hrs w/weak blow thruout. Rec. 528' drlg mud, 163' slightly gas cut muddy salt water, 5 min IOFP 102#, 1 hr ISIP 2375#, IFP 145#, FFP 264#, 2 hr FSIP 2152#.
- DST #6 Bone Springs 8660-8725 5/8x1" choke, No WC, Open 2 hrs w/weak blow & diminishing to very weak blow at end of test. Rec. 1110' gas in drill pipe, 10' free oil & 45' oil cut mud. 5 min IOFP 109#, 1 hr ISIP 372#, IFP 109#, FFP 109#, 2 hr FSIP 372#.
- DST #7 Bone Springs 8790-8887 5/8x1" choke, No WC, Open 2 hrs & 7 min. Strong blow gas in 15 min, oil in 1 hour & 17 mins. Flowed 18 bbl oil in 30 mins & 321 scf gas. GOR 382. Flowed 14 bbls oil in 20 mins & 310 scf gas, GOR 307. Reversed out 24 bbls oil. Rec. 28 30' oil & gas cut mud. 5 min IFP 437#, 1 hr ISIP 3364#, IFP 460#, FFP 1581#, 2 hr & 7 min FSIP 3364#.
- DST #8 10040-10185 5/8x1" choke. Open 2 hrs w/good blow gas to surface in 10 mins. 3700 cu. ft. in 30 mins, 2200 cu. ft. in 1 hr, 1800 cu. ft. in 1-1/2 hrs, 1300 cu. ft. in 2 hrs. Flowed 3 bbls oil to pit after shut in. Reversed out 10 bbls gas & oil cut mud (70% mud & 30% oil) & 3 bbls gas cut mud & much salt water cut oil (35% mud, 35% oil & 30% water). 5 min IOFP 360#, 5 min FFP 789#, 1 hr ISIP 2732#, IOFP 833#, FFP 1470#, 2 hr FSIP 2172#.
- DST #9 10943-10965 Failure (Tool plugged).
- DST #10 10943-10983 5/8x1" choke, No. WC, Open 2 hrs w/fair blow, dead in 24 mins. Rec. 100' drlg mud. 5 min IOFP 230#, 1 hr ISIP 691#, IOFP 115#, FFP 253#, 2 hr FSIP 691#.

Record cont'd on attached sheet -

1. The first of these is the fact that the
- the second is the fact that the
- the third is the fact that the
- the fourth is the fact that the

2. The first of these is the fact that the
- the second is the fact that the
- the third is the fact that the
- the fourth is the fact that the

3. The first of these is the fact that the
- the second is the fact that the
- the third is the fact that the
- the fourth is the fact that the

4. The first of these is the fact that the
- the second is the fact that the
- the third is the fact that the
- the fourth is the fact that the

5. The first of these is the fact that the
- the second is the fact that the
- the third is the fact that the
- the fourth is the fact that the

6. The first of these is the fact that the
- the second is the fact that the
- the third is the fact that the
- the fourth is the fact that the

7. The first of these is the fact that the
- the second is the fact that the
- the third is the fact that the
- the fourth is the fact that the

8. The first of these is the fact that the
- the second is the fact that the
- the third is the fact that the
- the fourth is the fact that the

9. The first of these is the fact that the
- the second is the fact that the
- the third is the fact that the
- the fourth is the fact that the

10. The first of these is the fact that the
- the second is the fact that the
- the third is the fact that the
- the fourth is the fact that the

11. The first of these is the fact that the
- the second is the fact that the
- the third is the fact that the
- the fourth is the fact that the