

AMERADA PETROLEUM CORPORATION
P. O. Box 668
Hobbs, New Mexico

S. E. ANDERSON #1
Sec. 30, T-9S, R-35E
Lea County, New Mexico

DRILL STEM TEST

- D. S. T. #1 - 4736' to 4800', San Andres Zone, 2 hr. test, 4-1/2" D.P., 5/8" bottom and 1" top choke. Opened tool with weak blow of air. Increased to fair blow of air in 10 mins. and diminished at end of 2 hrs. No fluid or gas to surface. Recovered 3 gals. formation oil, 475' or 5.82 bbls. sl. salty water with sl. trace of gas. HI - 2070, HO - 2050, IFP - 20, FFP - 220. 1-1/2 hr. BU in 10 min. intervals - 720, 1030, 1215, 1305, 1380, 1435, 1445, 1465, 1470 and still increasing.
- D. S. T. #2 - 4801' to 4875', San Andres Zone, 1 hr. and 6 min. test, 4-1/2" D.P., 5/8" bottom and 1" top choke. Opened tool with weak blow of air, died in 6 mins. No gas or fluid to surface. Recovered 294' or 1.74 bbls. fresh water with trace of oil. HI - 2080, HO - 2082, IFP - 45, FFP - 138. 1-1/2 hr. BU in 10 min. intervals - 210, 312, 445, 605, 788, 920, 1038, 1130, 1190 and still building.
- D. S. T. #3 - 9733' to 9770', Bough "C" Zone, 2-3/4 hr. test, 4-1/2" D.P., 5/8" bottom and 1" top choke. Opened tool with strong blow of air, gas to surface in 5 mins., mud to surface in 12 mins., Oil to surface in 13 mins. Flowed est. 33 bbls. oil to pit. Flowed 128.34 bbls. oil and 0 bbls. water in 2 hrs. Drill pipe press. increased from 110 to 180#. Gas Vol. increased from 1,543,000 CFPD to 1,584,000 CFPD. Gvty. 48.9 cor. Sweet gas. Reversed out 40 bbls. oil and 5 gals. water. Recovered 1228' or 17.43 bbls. oil, 1417' or 20.12 bbls. gas cut drlg. mud, 4158' or 59.04 bbls. drlg. mud, 176' or 1.60 bbls. cuttings and drlg. mud and 90' or .82 bbls. highly gas cut drlg. mud. HI - 4916, HO - 4889, IFP - 1582, FFP - 3042, 1-1/2 hr. BU in 10 min. intervals - 3453, 3464, 3467, 3468, 3469, 3470, 3471, 3472.
- D. S. T. #4 - 9770' to 9840', Penn. Zone, 2 Hr. and 7 min. test, 4-1/2" D.P., 5/8" bottom and 1" top choke. Opened tool with weak blow of air, increasing to fair blow in 1 min., decreased to very weak blow at end of test. Recovered 288' or 4 bbls. salt water cut drlg. mud., 7618' or 107 bbls. salt water. No show of oil or gas. HI - 4992, HO - 4916, IFP - 621, FFP - 3609, 1-1/2 hr. BU in 10 min. intervals - 3626, 3630, 3633, 3636, 3638, 3640, 3641, 3642, 3643.
- D. S. T. #5 - 9846' to 9878', Penn. Zone, 1 hr. test, 4-1/2" D.P., 5/8" bottom and 1" top choke. Opened tool with few bubbles of air. Died in 1 min. Recovered 20' or 5 gals. drlg. mud. No show of oil, gas or water. HI - 5040, HO - 4970, IFP - 50 FFP - 50, 1 hr. BU in 10 min. intervals - 52, 53, 55, 57, 60, 60.
- D. S. T. #6 - 10,247' to 10,275', Penn. Zone - 1 hr. and 23 min. Test, 4-1/2" D.P., 5/8" bottom and 1" top choke. 1000' water blanket. Opened tool with few bubbles of air. Died in 23 mins. No gas or fluid to surface. Recovered 600' or 8.52 bbls. water blanket, 400' or 3.46 bbls. sl. gas cut water blanket, 50' or .43 bbls. sl. gas cut drlg. mud. HI - 5175, HO - 5175, IFP - 450, FFP - 450, 1-1/2 hr. BU in 10 min. intervals - 1400, 1630, 1975, 2213, 2380, 2490, 2600, 2676, and still building.

