

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

S. E. ANDERSON 163
WELL NO. 1

Attachment to Well Record - Form C-105

DRILL STEM TEST

- D. S. T. #1 - 9627' to 9708' - Bough "A" and "B" zones, 1 hr. test, 4-1/2" D.P., 5/8" btm. & 1" top choke. Opened tool with very weak blow of air. Died in 1 hr. Rec. 120' or 1 bbl. drlg. mud. No show of oil or gas. Hydro in and out - 4785, IFP - 44, FFP - 107, 1-1/2 hr. BU - 3439. Temp. 152 deg.
- D. S. T. #2 - 9718' to 9750' - Bough "C" zone, 3 hr. test, 4-1/2" D.P., 5/8" btm. & 1" top choke. Opened tool with good blow of air, increasing to strong blow in 15 mins. Decreased to weak blow in 3 hrs. No fluid or gas to surface. Rec. 6122' or 88.12 bbls. salt water and 180' or 2.59 bbls. salt water cut drlg. mud. Hydro in - 4920, Hydro Out - 4817, IFP - 91, FFP - 2669, 1-1/2 hr. BU in 10 min. intervals - 3138, 3140, 3140, 3140, 3140, 3142, 3142, 3142, 3143. Static press. 3145, Perm. radial 54.1 MD, Perm. Buildup 295.9 MD, P.R. 0.217, P.R. by Delan 0.047.
- D. S. T. #3 - 9820' to 9870' - Cisco zone, 1 hr. test, 4-1/2" D.P., 5/8" btm. & 1" top choke. Opened tool with weak blow of air. Died in 5 mins. Rec. 5 gals. drlg. mud. No show of oil, gas or water. Hydro in & out - 4979, IFP - 61, FFP - 61, 1-1/2 hr. BU in 10 min. intervals - 63, 65, 67, 70, 74, 76, 81, 83, 85 and still building. Static press. by Horner - 104, PR by Dolan - 15.0.
- D. S. T. #4 - 12,628' to 12,660' - 1 hr. test, 4-1/2" D.P., 5/8" btm. & 1" top choke. 2800' water blanket. Opened tool with few bubbles of air and died. Rec. 2800' or 39.76 bbls. water blanket from above diff. valve & 30' or .17 bbls. drlg. mud from above TC valve. No show of oil, gas or water. Temp. 174 deg. Hydro in & out - 6354, IFP - 48, FFP - 404, 1 hr. BU in 10 min. intervals - 513, 624, 730, 824, 915, 1011 and still building. Static press. by Horner 1695 PSI, PR by Dolan 9.6.
- D. S. T. #5 - 12,660' to 12,695' - 1 hr. test, 4-1/2" D.P., 5/8" btm. & 1" top choke. 2800' water blanket. Opened tool with very weak blow of air for 1/4 hr. & died. Rec. 2800' or 39.76 bbls. water blanket and 45' or .26 bbls. drlg. mud. No show of oil, gas or water. Hydro in and out - 6397, IFP - 1361, FFP - 1368, 1 hr. BU in 10 min. intervals - 3090, 3809, 4217, 4485, 4650, 4736 and still building. PR by Delan 2.9, Static res. press. by Horner 5080 PSI.

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S. E. ANDERSON "A"
WELL NO. 1

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DRILL STEM TEST

- D. S. T. #6 - 12,694' to 12,825' - 2 hr. test, 4-1/2" D.P., 5/8" btm. & 1" top choke. 2800' water blanket. Opened tool with weak blow of air, increased to strong blow in 12 mins. Remained strong blow of air for remainder of test. Rec. 2800' or 39.86 bbls. water blanket, 2914' or 41 bbls. salt water and 564' or 8 bbls. salt water cut drlg. mud. Hydro in - 6559, Hydro out - 6495, IFP - 1445, FFP - 2953, 66 min. BU in 1 min. intervals - 4862, 4876, 4885, 4890, 4892 and 4894. Buildup complete in 6 mins. Radial flow perm. 1.8 MD, Perm. from BU 32.0 MD, PR by Dolan 0.057, PR by radial over buildup equals 0.056.
- D. S. T. #7 - 11,448' to 11,500' - Atoka zone, 3 hr. test, 4-1/2" D.P., 5/8" btm. & 1" top choke. 1500' water blanket. Opened tool with strong blow of air. Water blanket to surface in 10 mins. Gas and distillate to surface in 15 mins. Flowed to pits for 3/4 hr. Turned to tanks. Flowed 23.41 bbls. distillate thru 1/2" choke. Surface flowing press. increased from 1800 to 1820#. Gas vol. increased from 4,149,000 CFPD to 4,199,000 CFPD. Sweet gas. Gvty. 62.0 cor. Bled back 11.03 bbls. distillate. Flowed to pit 1500' or 21.30 bbls. water blanket. Rec. 270' or 2.81 bbls. distillate, 120' or .68 bbls. salt water. Hydro in & out - 5950, IFP - 2777, FFP - 3157, 1-1/2 hr. BU in 10 min. intervals - 3292, 3312, 3325, 3331, 3338, 3344, 3346, 3348, 3350. Static res. press. by Horner - 3374, PR by Dolan - 0.71, Radial flow press. - 6.36 MD, Press. BU perm. - 3.54 PR - 1.8.
- D. S. T. #8 - 9400' to 9440' - Upper Penn. zone, 1 hr. & 5 min. test, 5/8" btm. & 1" top choke. Opened tool with few bubbles of air. Died in 5 mins. Opened and reclosed tool after 1 hr. No. bubbles. No show of oil, gas or water. Recovered 20' or .28 bbls. drlg. mud. Hydro in - 4854, Hydro out - 4833, IFP - 25, FFP - 29, 1 hr. BU in 10 min. intervals - 47, 54, 59, 90, 95, 117. PR by Dolan 28.1, Static res. press. - 164 PSI.

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