

WELL SUMMARY

ROY H. SMITH DRILLING CO.
No. 1 Aztec-State, Sec. 15, T-17S, R-34E
Lea County, New Mexico

Spudded: 11/26/64

Surface Casing: 11/26/64 - 5.5" / 24 1/2 lbs set at 313', cemented with 165 sx. regular with 4% calcium chloride. Circulated to surface.

Drilling Data: Drilling to 5000' 12/11/64. Permission granted by Conservation Commission to drill to 5700' (verbally by Mr. E. F. Engbrecht 12/11/64) approved by Commission 12/16/64) Drilled to total depth of 5500' 12/16/64.

Long String: 12/18/64 ran 5058' of new 4 1/2" casing 9.5#, J-55 set at 5100'. cemented with 200 sx. in core-heat, 8% gel - 100 sx. in core-heat 4% gel. Cement covering Yates and tying into salt section. Cementing procedure approved by Mr. Engbrecht. Work done by Halliburton, Livingston, New Mexico.

12/22/64 test casing 4000'. Held 30 min. No leaks, shut down for holidays.

12/27/64 move rotary and location

1/2/65 set anchor

1/4/65 set anchor and location for completion unit

Perforation, 1/7/65 perforated 5004' - 5004', 5006' - 5008' by Welex, Inc.

Treatment & Testing Packer set at 4650'. Treated with 2000 gal. 15% NE acid. Well servicing by Lehman Well Service. Tested 48 bbls. salt water, no oil in 24 hr. test. No flow after load.

1/8/65 set bridge plug at 4630', 12' above G.L. measure. Dumped 1 sx. cement on top plug by Welex, Inc. Tested casing 3000# by Halliburton.

Perforated:
4715' - 4716', 4719' - 4720', 4721' - 4722', 4725' - 4726',
4742' - 4743' by Welex, Inc. Set packer at 4650' on 2 3/8" tubing. Treated with 2000 gal. 15% N.E. acid (Halliburton)
Swabbed 38 bbls. of load showing 15% oil. Rate of 48 bbls. 24 hrs. total fluid.

1/9/65 treated with 5000 gal. 15% retarded acid (Halliburton)

1/10/65 swabbed 58 bbls. fluid showing 15% oil, 65% acid water.

1/11/65 move machine off location and install pump.

1/12/65 pumping load back

1/20/65 testing on pump, well showing 0 - 25 bbls. oil and 0 - 23 bbls. water per day.

