

<u>MD</u>	<u>DEVIATION</u>	<u>DIRECTION</u>
7663'	6°	N 85° E

<u>MD</u>	<u>DEVIATION</u>	<u>DIRECTION</u>
7740'	2-1/2°	N 83° E

RECEIVED
NOV 15 1978
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Drilled to a depth of 9900'. Ran 56 jts (1842.65') of 4-1/2" 11.6#, 8R, N80, LT&C csg, 104 jts (3828.72') of 4-1/2" 11.6#, 8R, K55, LT&C csg, & 106 jts (4212.93') of 4-1/2" 10.5#, 8R, K55, ST&C csg set at 9900' & cemented with 600 sx of Class H, w/0.6% CFR-2 & 5# KCl/sx. Bumped float with 1500#/15 mins. - ok. Drilled out cmt to 9885'.

Spotted 100 gallons 10% acetic acid 9800'-9555'. Perforated Morrow with 2 0.38" holes at 9555', 9556', 9557', 9569', 9570', 9571', 9579', 9580', 9581', 9582', 9583', 9584', 9585', 9586', 9591', 9592', 9593', 9594', 9596', 9597', 9598', 9599', 9600', 9601', 9603', 9719', 9720', 9721', 9722', 9723', 9724', 9725', 9726', 9727', 9728', 9732', 9733', 9734', 9735', 9736', 9737', & 9738'.

Acidized Morrow perforations 9555' - 9738' with 9000 gallons 7-1/2% acid with additives. Used 1000 SCF N₂/bbl & 108-7/8" RCNCB's. 10 hour SITP 1900#. Flowed 30 BLW to pit on 1" choke & died in 3 hours. Flowed at a rate of 48 MCF/day.

Treated morrow perforations 9555' - 9738' with 3000 gallons of 7-1/2% acid w/10% U66 emulsion breaker, 1000 SCF N₂/bbl. & 130 7/8" RCNCB's. 14 hour SITP 1650#. Swabbed 15 BLW in 9 hours & gas at a rate of 40 MCF/day.

Set cast iron bridge plug at 9500' & 4 sx of cmt on top. New PBTD 9465'. Set RTTS at 8169' to squeeze 2 0.38" holes at 8257'. Set 4-1/2" SVEZ drill retainer at 8169'. Pumped 300 sx Class H w/0.6% of 1% CFR-2 & 5# KCl/sx. Drilled cmt retainer 8169'-8171' & good cmt 8171'- 8273'. Fell out of cmt @ 8273' & RIH to 9465' PBTD.

Spotted 290 gallons of 10% acetic acid with additives 8107' - 8400'. Perf'd Strawn with 2 0.38" holes at 8107', 8108', 8109', 8110', 8111', 8238', 8239', 8240', 8241', 8242', 8243', 8244', 8245', 8249', 8256', & 8257'. Acidized Strawn perforations with 5000 gallons of 15% acid using 1000 SCF N₂/bbl. & 48 7/8" RCNCB's. 14 hour SITP 1750#. Swabbed 50 BLW in 9 hours. 42 hour SITP 1700#. Flowed 5 barrels of oil, 20 barrels of water on 1" choke in 2 hours & died. Gas rate at 40 MCF/day.

Well is temporarily abandoned pending an engineering study for possible recompletion.