

DAILY DRILLING REPORT

Germany Investment Company, et al, U.S.A. - 9-1
Section 9, T20S-R28E, Eddy County, New Mexico

- 1-30-78 Moved in and connected stack-pack separator. Rigging up work-over rig and blowing down well. Will pull tubing tomorrow.
- 1-31-78 Moved in - rigged up. Flowed to pit. Flowing thru sep. on 3/4" choke FTP 100# 21 1/2 hours - 56 Bbls. Oil - no water - Gas at rate of 95 MCF per day.
- 2-01-78 Going in hole with six 3-1/8" drill collars and bit to drill out bridge plug at 9750'. Yesterday: Set blow-out preventer and released packer. Pulled 290 joints tubing out of hole. Loaded casing with 40 bbls. 2% KCL water. Gas measured at 95 MCF per day through separator with 100# back pressure on separator.
- 2-02-78 Went in hole with all tubing and drill collars. Tagged bottom - 9,694 Ft. Delayed by gas kicking. Waited on KCL water. Shut down for night. Loading hole with KCL water today.
- 2-03-78 Drilled bridge plug at 9,694 ft. - circulated out gas for 1-1/2 hours. Ran 28 joints tubing to 10,551'. Pulled out of hole and laid down drill collars. Added 2-3/8" bull plug, 1 joint of tubing and 3 ft. perforated nipple; 1 seating nipple. Ran in 48 joints of tubing and shut down for night. Going in hole with rest of tubing - swab well down until it flows.
- 2-4-78 Started swabbing-pulled swab line off in hole-fished for line-could not recover Pulled 124 stands recovered swabline and swab.
- 2-5-78 Re-ran tubing-seating nipple @ 9911 swabbed 7 1/2 hours. recovered 125 Bbls. load water-115Bbls. load remaining. Fluid level @ 6000' good gas blow for three hours
- 2-6-78 Swabbing to recover rest of load water.
- 2-7-78 13 1/2 hours shut in tubing pressure 250#; shut in casing pressure 900# bled tubing down in 10 minutes. started swabbing @10:15 A.M. - swabbed 9 hours-Recovered 110 Bbls. Load water - steady flow of Gas last four hours - good condensate show last 2 hours - swabbed down to seating nipple @9911 ft. Shut in for night casing pressure 925#
- 2-8-78 14 hrs. Shut in tubing #350 Shut in casing #1400 Open well and blew down in 10 min. Began swabbing at 8:15 A.M. Fluid level 4800' on first run Swabbing & Flowing 9 hrs. recovered Est. 60 BBls. Load water with cond. Gas rate EST 1 MMGFD immediately behind Swab dec. to 200 MCFPD in 30 min. Shut in and shut down at 5:15P.M.
- 2-9-78 14 1/2 hrs. shut in tubing press. 500# casing 950# flowing on 3/4" choke; condensate to surface in 6 min. flowed 3 1/2 mins.-water 3 min. Heavy water spray 5 min.-Light water spray 10 min.
8:15 AM Tubing 200# CSQ-600#
8:30 AM " 150# CSQ-450#
8:45 AM " 50# CSQ-425#
9:15 AM " 10# CSQ-400#
Fluid level @ 8000 ft. 1st run of swab. - Swabbed and flowed till 4:00PM Recovered 30 Bbl. Load water with condensate. Swabbed from 9500' recovered only 2 Bbl. fluid casing pressure down to 200#
- 2-10-78 Shut in 15 1/2 hrs. tubing pressure 500# casing pressure 750# Open well on 3/4" choke. Flowed one hour. condensate to surface 7 minutes water 9 minutes gas with light water spray after 15 minutes. After 15 minutes completely dry gas, In one hour had 100# and 325# casing pressure, released well service unit at 9:00AM Shut-In 6-3/4 hours. Tubing pressure 400# casing pressure 650# open on 1/2" choke had condensate to surface in 8 minutes with water spray, After 15 minutes had condensate with light spray of water after 35 minutes gas + condensate only. Tubing pressure 200# casing pressure 475#.Closed well in for additional testing.
- 2-14-78 73 Hr. shut-in pressures 1450# tubing/1850# Casing
Hooked up intermitter 1hr. flow - 4 hours shut in. Flowing on 64 inch choke with 350 P.S.I. Back pressure on separator. Flowed from 11:30 AM on 10-13-78 Gas volumes varied from rate of 100 MCF per day to 700 MCF per day. No Gauge on fluid-some condensate and still some load water. will continue to flow and