

# DRILLING REPORT

Page ~~3~~

State Lease # B-8617

RECEIVED

NOV 1976

on 11/11/76  
to State

page 6

S. P. Yates - Spurck "F" State #5 16-17S-28E Eddy Co., NM

9-28-76 - (Cont'd) ISIP 1250#, 10 min. SIP 200#. RU & swabbed as follows:  
 1st. ½ hr. 14 BW w/trace dark emulsified oil.  
 next ½ hr. 6 BW w/trace dark emulsified oil.  
 next ½ hr. 16 BW (FL 2500')  
 next ½ hr. Shut down FL raised to 800' from surface.  
 next ½ hr. 8 BW  
 next ½ hr. 6 BW  
 next ¾ hr. 7 BW  
 ¾ hr. 7 BW trace oil FL 2800' steady  
 small shows of gas & emulsified oil.

9-29-76 - SI overnight.  
 No pressure on tubing this AM. Yesterday RU Vann Tool Co. Ran tracer survey. Determined no fluid above or below perfs. 3478-84'. POOH w/tubing & packer. Set CIBP on wireline @ 3473'. Pressure up on plug. Upper perfs. 3454 (2 shots) which had been cemented broke down 1300 psi took ¾ BPM. SI 10 min. SIP 900#. Ran tracer survey. Confirmed upper perfs. Taking fluid, plug not leaking; upper perfs not communicating upward or downward. Perforated 3449-58' w/ 18 shots. Left well shut in over night.

9-30-76 - No pressure on tubing this AM. Yesterday swabbing zone, 3449-58'.  
 1st. ½ hr. 12 BW  
 next 40 min. 10 BW  
 next 25 min. 5 BW FL 2800'  
 next ½ hr. 3 BW  
 next 25 min. 2 BW  
 next ½ hr. Shut down Fluid rose to 2300'.  
 next ½ hr. 3 BW  
 next 50 min. 2 BW  
 next 40 min. 1 BW Release packer - leaking.  
 next 50 min. 8 BW  
 next 25 min. 5 BW  
 next 15 min. 2 BW  
 next ½ hr. Shut down 100' fluid rise.  
 next 10 min. 1½ BW very slight trace oil

10-1-76 - SI overnight @ 4:50 PM.  
 Slight blow gas. FL 1000' from surface, yesterday. FL 1300' from surface @ 8:00 AM.  
 1st. ½ hr. 10½ BW  
 next ½ hr. 6 BW  
 next 40 min. 6 BW  
 next 50 min. 5 BW  
 next ½ hr. 4 BW 1st. good sign live oil.  
 Set packer 3414'. Acidize w/500 gallons. Pumped 2.6 BPM @ 2000#, broke to 2.8 BPM @ 1800#. ISIP 1100#, on vac. in 5 min. BLW 26. Swabbed:

½ hr. 14 BW  
 next ¼ hr. 9 BBLS acid water  
 next ¼ hr. 5 BBLS acid water  
 next ½ hr. 11 BBLS acid water, some live oil  
 next ½ hr. 6 BW trace of oil & gas  
 next ¾ hr. 12 BW trace of oil & gas  
 next 25 min. 8 BW trace of oil & gas  
 next ½ hr. 7 BW trace of oil & gas  
 next 20 min. 4 BW trace of oil & gas

10-2-76 - SI @ 4:00 PM. Prepare to run pump & rods.  
 Pumping, release packer, ran rods & pump. Return to pump.  
 Pumped 88 bbls total w/trace of oil, in 21 hrs.

10-3-76 - Pumped 87 bbls total w/trace of oil, in 20 hrs.

10-4-76 - Pumped 125 bbls total w/trace of oil in 24 hours.

Three day total - approximately 5 bbls oil.