

Union Oil Company of California

500 N. Marienfeld, Midland, Texas 79701

Telephone (915) MU 2-9731
C. C. C.



Midland District

OWENS #1, WILDCAT, LEA COUNTY, NEW MEXICO

4-29-69

10,649'

D.S.T. No. 5 (Wolfcamp) 10,632-10,649'. Opened tool for 10 minutes, initial pre-flow with strong blow immediately and continuing throughout test with gas to surface in 6 minutes TSTM, with no fluid to surface. Shut tool in for 1 hour initial shut in pressure. Opened tool for 2-1/4 hours flow period with strong gas blow immediately on 1" choke at 12 psi pressure, mud to surface in 19 minutes, oil to surface in 20 minutes. Flowed to pit 15 minutes to clean up on 1" choke at 10 psi pressure. Shut-in 13 minutes to change flow lines. SIP (13) 390 psi. Flowed to pit on 1/4" choke 32 minutes at 390 psi flowing pressure. Shut-in 10 minutes to connect to test tank. SIP (10) 410 psi. Flowed 13 barrels oil on 1/2" choke in 15 minutes at 410-400 psi FTP. Flowed 17.22 barrels oil in 1/2 hour on 1/4" choke at 400-422 psi FTP. Flowed an estimated 60 barrels oil to pits and test tank in 92 minutes. Shut tool in for 3 hour final shut in pressure at 1:15 P.M., April 29, 1969. Pulled packers loose, pulled out 8 stands of drill pipe and reversed out 87 barrels 43.2 gravity oil at 60°. Total recovery 147 barrels oil in 2 hours and 25 minutes. Sample chamber contained 9.2 cubic feet gas, 1740 c.c. oil, no water. GOR 800:1 at pressure of 1100 psi. IH 5117 psi; IPF 1075 psi; FPF 1164 psi; ISIP (60) 4007 psi; IFP 931 psi; FFP 3306 psi; FSIP (180) 3917 psi; FHy 5114 psi; BHT 157°. Ran Sidewall Gamma Ray Neutron log 10,638-8800'. Ran Sperry-Sun Magnetic Multishot survey 10,639-4650'.