



DRILL STEM TEST SERVICE REPORT

12-1-66

Field Wildcat Formation Strawn Job No. 11-187-110 Test No. 1 Customer Test No. 6
Location Sec. 35 - T - 18 - S, R - 32 - E
County Lea State New Mexico
Division West Texas District Midland
Address Union Oil Company of California
300 Security National Bank Bldg., Roswell, NM
No. Reports to: 16 copies to above address (ATTN: Mr. Bill Henry)

TESTING TIME

Started in hole at 1:45 A. Tool open at 8:25 A
Initial flow 20 Mins. Initial shut-in 60 Mins.
Final flow 240 Mins. Final shut-in 120 Mins.
TEST DESCRIPTION TIME
Opened tool for Initial First Flow 8:25 A
Closed tool for First Shut-In 8:45 A
Re-opened tool 9:45 A
Strong blow @ 12:15 P
-Closed tool for final shut-in 1:45 P

REMARKS

Start out hole @ 3:45 P

MUD AND HOLE DATA

Mud type fresh water gel Weight 9.9
Viscosity 66 Water Loss 7.6
Filter Cake 1/32 Bottom hole temp. 166°
Drill pipe size 4 1/2 X H Weight 16.60 ID 3.826
Drill collar size 5" H 90 Feet run 216 ID 2 1/4
Main hole size 7 7/8 Rat hole size -
Casing size 8 5/8 4# & 32# Set at 4581'
Top packer O.D. 7" Bottom packer O.D. 7"
Bottom hole choke size 1"
Cushion water Amount 1300# Ft. 3000

TEST RECOVERY DATA

Blow Initial open with weak with slight increase. Opened with weak increased to strong blow air after open 150 minutes. Strong blow of air remainder of test. No gas to surface on test.
Flow
TIME SURFACE CHOKE PSIG/INCHES AMOUNT
Pit chlorides = 1100 PPM
Test chlorides = 62,000 PPM
RECOVERY Test was/was not reversed out
5930 Ft. of gas in drill pipe
10 Ft. of free oil 43 gravity @ 60°
3000 Ft. of gas cut water blanket
90 Ft. of water & gas cut drlg. mud
1089 Ft. of heavy gas cut drlg. mud
Oil recovery ° API Water Specific Gravity
60' of salt water & gas cut drlg. mud

PRESSURE READINGS

Table with 5 columns: DESCRIPTION, Inside # 705, Outside # 2187, Outside #, and Hrs. Rows include Initial Hydrostatic, Initial First Flow, Final First Flow, First Shut-In, Initial Final Flow, Final Flow, Final Shut-In, and Final Hydrostatic.

UNION OIL COMPANY OF CALIFORNIA SHELL MEMORIAL #1 LEASE AND WELL NO. 6 12,159' - 12,152' = 293' DEPTH JANUARY 1, 1969 DATE OF TEST