

FLAG-REDFERN OIL COMPANY

DAILY DRILLING REPORT

Date

10/30/81 SITP 0 psig. Completed TIH with tubing. Set Baker Model R Packer at 3710 psig. Swabbed tubing dry in one hour. No show of oil or gas. Prep to acidize.

10/31/81 12 HR CITP - 0 psig. Load tubing with KCL. Release Packer. TIH to 3929'. Spot acid. Reset packer at 3710'. Pumped into formation at 3750 psig. Acidized with 3000 gals 15% Spearhead 83,000 St. Cuff Nitrogen and 65 Ball Sealers. Average treating pressure 3300 psi at 6 BPM. Had 200 psig increase with balls on perfs. Total Load 83 BW, ISIP 2250, 15 min SIP - 2250, 60 min SIP 2100 psig. Flowed well 3 hours, Rec 32 BAW. Swabbed 2.5 hours, Rec. 4 BAW. Swabbed dry. Last hour, Rec no measureable fluid and no burnable gas.

11/1/81 14 HR CITP 1400. Bled down in 10 min on $\frac{1}{2}$ " choke. All N₂ would not burn. Swabbed 2.5 hours. No Fluid Recovery. No Burnable gas. RU CRC Wireline Inc. Set Baker Cast Iron Bridge Plug at 3780'. Perforated $4\frac{1}{2}$ " casing from 3652-69 with 2 JSPF. Total of 34 holes. TIH with Baker Model R. Packer to 3500'.

11/2/81 SI Sunday.

11/3/81 TIH to 3742'. Test CIBP to 1500 psig. Spot acid over perfs. Set Baker Model R Packer at 3551'. Breakdown perfs at 900 psig. Acidized with 2000 gals 15% Spearhead acid, 48,000 cu. ft. N₂, & 50 ball sealers. Avg. Treating Pressure 2250 psig at 6.7 BPM. No ball action. Total 57 BLW. ISIP 1200, 15 min SIP 1150, 60 min SIP 1100 psig. Flowed 2 hours. Recovered 29 BLW. Swabbed $\frac{1}{2}$ hour. Recovered 4 BAW. SION.

11/4/81 12 HR CITP 930 psig. Bled down in 15 minutes. All N₂, No burnable gas. Swabbed 3 hours. Rec 4 BLW. Swabbing at seating nipple. Swabbed additional 3 hours. Rec No Fluid. No Burnable gas. (TBLTR 20 bbls).

11/5/81 12 HR SITP 500. Bled down in 10 min. All N₂, No burnable gas. Swabbed 5 hours. Rec. 4 bbls spent acid water. No burnable gas. Swabbing from seating nipple. Released Packer. TOH. RU CRC. Set CIBP at 3647'. Perforated with 2 JSPF from 3574-80, 3599-3602, 3612-17, 3628-32. SION.

11/6/81 CITP - 25 psi. CIBP - 25 psi. TIH with packer. Set packer at 3642'. Test CIBP to 4300 psi. Spot acid over perfs. Pull up and set packer at 3453'. Perfs already broke down. Pumped in .7 BPM at 300 psi. Acidize well with 3000 gals 15% Spearhead acid, 72,000 scf of nitrogen, and 60 ball sealers. Average treating pressure 2650 at 6 BPM. Very limited ball action. ISIP 1350, 15 min SIP 1300, 1 hour SIP 1300. Opened well and flowed 2 hours. Rec. 42 BLW. Swabbed 1.5 hours Rec. 8 BLW. Swabbing from seating nipple. No burnable gas. 30 BLWTR. CI Well Overnight.

11/7/81 14 HR SITP 1220. Bled down in 10 minutes. No burnable gas. Swabbed 7 hours. Rec. 11 bbls spent acid water. No burnable gas.

11/8/81 Shut In.

to 11/9/81

11/10/81 Loaded hole with KCL water. Released packer and TOH with tubing. RU CRC Wireline. Set CIBP at 3560'. Perforated $4\frac{1}{2}$ " casing with 2 JSPF from 3511-15 3502-05, 3493-99, 3483-87, 3460-63, Total of 60 holes. SION.

Company: Flag-Redfern Oil Company
 Well: State 31 No. 1
 Location: Sec. 31, T-2-S, R-25-E
 County: De Baca County, New Mexico
 Spud Date: 9/18/81

Projected TD: 4500'
 Property No.: LJ30200
 Method:
 Project:
 Classification: Dev. Ex.