

FLAG-REDFERN OIL COMPANY

DAILY DRILLING REPORT

Date

10/10/81 Depth 3757'. Shale. Progress 323'. MW 10.1 Vis 38 Bit #4 Made 2361' in 79½ hours. 21 3/4 hours rotating, 2¼ hours repair starter. DMC \$1574 CMC \$4515.

10/11/81 Drilling at 4010' in Shale. Progress 253'. Dev ½° at 3867'. MW 10.1 Vis 38 Oil 3.8% WOB 40 RPM 45 PP 1200 Bit #4 7 7/8" HPSM Made 2614' in 10½ hours. DMC \$0 CMC \$4515

10/12/81 Drilling at 4289' in Shale. Progress 279'. MW 10.0 Vis 38 Oil 3.8% WOB 40 RPM 45 PP 1200 Bit #4 7 7/8" HPSM Made 2893' in 125½ hours DMC \$0 CMC \$4515. Hauled 284 BFW. TBFW 6063.

10/13/81 Drilling at 4496'. Shale. Progress 207'. Dev. ½° at 4358'. MW 10.1 Vis 46 WL 24 Oil 3.0% WOB 40 RPM 45 PP 1050 Bit #4 HPSM Made 3100' in 149½ hours. DMC \$437 CMC \$4952.

10/14/81 TD at 4500'. Dev. 3/4° at 4500'. MW 10.1 Vis 45 WL 25. Bit #4 Made 3104' in 150 hours. Hauled 423 BFW, TBFW 6486. DMC \$2073 CMC \$7025 Reached TD at 7:30 AM 10/13/81. C&CH TOH. RU Schlumberger. Ran CNL-FDC and DLL - RXO. TIH.

10/15/81 TOH. Ran 103 jts 4½" 10.50# K-55 ST&C casing. Set GS at 4177' and float collar at 4137'. Cemented with 500 sx 50/50 Class "C"/Poz with 2% gel 6# salt, .3% CFR-2. PD at 9:00 PM 10-14-81. Good circulation thru-out job.

10/16/81 WOCU. Drop from report until completion commences.

11/18/81 RU Well Units Inc. Completion Rig. RU CRC Ran Gamma Ray Correlation Log. Perforate 4½" casing with 2 JSPF from 3951-54, 3939-46, 3870-74, 3836-39. Total 34 holes. PU Baker Model R Packer and commence TIH with tubing.

11/19/81 TIH with packer to 3955'. Spot 2 bbls acid. Raise tubing and set packer at 3730'. Breakdown perfs at 1600 psig. Acidized with 3000 gals 15% Morrow Flow and 1000 SCF Nitrogen per bbl. Total load 85 bbls. Used 69 ball sealers. Max Press 3900 psig. Avg initial press 3150 psig at 3.1 BPM. ISIP 1900, 15" SIP 1900, 60" SIP 1900. Opened well on ¼" choke. Flowed as follows: 30" 1400 psig, 60" 700 psig, 90" 225 psig, 150" 225 psig, 165" 225 psig.. Rec. estimated 75 BLW. No Burnable Gas - All Nitrogen.

11/20/81 14 HR SITP 1400. Opened well and flowed two hours on ½" choke and died. Rec. 2 BLW. No Burnable Gas. Swabbed 6 hours. Rec. 14 BLW. No Burnable gas.

11/21/81 14 HR SITP 100 psig. Bled down immediately. No Burnable Gas. Swabbed 4 hours. Rec. 5 BAW. No Burnable Gas. Released Packer and TOH. SI.

11/22/81 Shut-in Saturday.

11/23/81 Shut-in Sunday. Preparing to perforate.

11/24/81 CITP 0 psi. RU CRC. Set CIBP at 3830'. Perforated 3798-3801, 3788-93, 3744-47, 3714-19, and 3702-06 with 2 JSPF. TIH with tubing and Baker Model R Packer to 3830'. Tag plug. Pull up to 3804'. CI well overnight.

Company: Flag-Redfern Oil Company
 Well: State 17 #1
 Location: Sec. 17-1S-25E
 County: De Baca County, New Mexico
 Spud Date: 9/30/81

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