

## FLAG-REDFERN OIL COMPANY

RECEIVED

DEC 7 1981

## DAILY DRILLING REPORT

O. C. D.

ARIZONA, OFFICE

Date

9/18/81 Drilling at 308'. Anhy. Progress 308'. MW 10.5 Vis 35. Bit #1 Retip X-3A Made 308' in 7 hours. WOB All RPM 85 PP 600#. Spudded 17½" hole at 1:00 AM 9/18/81.

9/19/81 Drilling at 521', redbeds and anhy, Progress 183', MW 10.0, Vis 30, Bit #2 12¼" rerun X-44 made 142' in 3¼ hrs. Dev ½° at 379', Drilled to 379'. Ran 9 jts 13 3/8" 54.5# csg. Set at 379'. Cemented with 400 sx Class "C" with 2% CaCl. PD at 2:45pm. 9-18-81. Circulated 100 sx cement.

9/20/81 Drilling at 935', dolo, Progress 414'. MW 9.2, Vis 30, Bit #2 12¼" rerun X-44 made 556' in 22 3/4 hrs. Dev 3/4° at 853'.

9/21/81 Drilling at 1330'. dolo. Progress 395'. MW 10.1, Vis 34, Bit #2 12½" X-44 made 951' in 46 3/4 hrs. WOB 50, RPM 65, PP 1400 .

9-22-81 Depth 1411, dolo, Progress 81', MW 10.1, Vis 34, Bit #2 12¼" X-44 made 968' in 47½ hrs. Bit #3 12¼" retip OSCA made 64' in 3 hrs. WOB 50, RPM 75, PP 1000#, Dev ½° at 1347, ½° at 1411', Ran 35 jts 8 5/8" 24# K-55 ST&C. Set @ 1410'. Cemented with 700 sx Halliburton Light with ½# Flocele and 4% CaCl and 300 sx Cl "C" with 4% CaCl. PD @ 9:30 pm, 9-21-81. Circulated 150 sx.

9/23/81 Drilling at 2300'. Dolo. Progress 889'. MW 10 Vis 28 Bit #4 7 7/8" HPSM Made 889' in 18¼ hours. WOB 40 RPM 45 PP 1200#. Dev. ½° at 1818.

9/24/81 Drilling at 3278'. Dolo. Progress 978'. MW 9.9 Vis 36 Bit #4 7 7/8" HPSM Made 1867' in 41½ hours. WOB 40 RPM 45 PP 800#. Dev. ½° at 2314', 3/4° at 2813'.

9/25/81 Drilling at 3611'. Shale. Progress 333'. MW 9.5 Vis 43 WL 15. Bit #4 7 7/8" HPSM Made 2200' in 65½ hours. WOB 40 RPM 45 PP 850#. Dev. ½° at 3300'.

9/26/81 Drilling at 3905'. Shale. Progress 284'. Dev ½° at 3807'. MW 10 Vis 43 WL 20 WOB 40 RPM 45 PP 1350 Bit #4 HPSM has made 2494' in 87½ hours.

9/27/81 Drilling at 4238'. Shale. Progress 333'. MW 9.8 Vis 41 WL 27 WOB 40 RPM 45. Bit #4 HPSM made 2827' in 110 3/4 hours. PP 1150.

9/28/81 Drilling at 4495'. Shale. Progress 257'. Dev. ½° at 4300'. MW 10.1 Vis 44 WL 28 WOB 40 RPM 45. Bit #4 HPSM made 3084' in 133 3/4 hours. PP 1100 psi.

9/29/81 TD 4500'. Shale. Reached TD at 8:00 AM 9/28/81. Tripped out of hole to 3000'. TIH to TD. C&CH. TOH. RU Schlumberger. Ran CNL-FDC GR & DLL. TIH with Drill-pipe. Now circulating and conditioning hole.

9/30/81 TD 4500'. WOC. C&CH. TOH LDDP. Ran 119 jts 4½" 9.5 & 10.5 K-55 STC casing. Set Guide Shoe at 4500'. Float collar at 4478'. Cemented with 500 sx 50-50 Class "C" Poz, 0.3% CFR-2, 6 lb salt. PD at 3:30 AM. Nippled down BOP. Cut off casing. Released rig at 6:30 AM 9/30/81.

10/1/81 to 10/28/81 WOCU.

10/29/81 MIRU Well Units Inc. Completion rig. RU Van Tools Inc. Ran GR-CCL Log. Perforated 4½" casing with 2 JSPF from 3925-29, 3886-92, 3798-3809. Total 46 holes. PU Baker Model R Packer and TIH to 3500'.

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.