

SOUTHLAND ROYALTY COMPANY
1100 Wall Towers West
Midland, Texas 79701

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NOV 28 1977

DAILY DRILLING REPORT

AZTEC #2 PALMILLO-STATE

O. C. C.
ARTESIA. OFFICE

LOCATION: 1796' FSL, 1980' FEL, Sec. 32, T-18-S, R-29-E.
(Location changed - 296.84 ac unit - short section.)
ELEVATION: 3420.8' GR.
CONTRACTOR: Hondo Drilling Co.

11-14-77 Depth 400'; WOC. MIR. Spudded 17 1/2" hole @ 11:30 a.m.,
11-13-77. Drilled 17 1/2" hole to 400'. Ran 11 jts of
13 3/8" 54.50# K-55 ST&C (408'), set @ 400', cmt'd w/375 sx
Class "C" 2% C.C. Circulated 80 sx. P.D. 9:15 p.m., 11-13-77.
ECC \$21,500. (AFE pending - \$594,000.)

11-15-77 Trip @ 1300' anhydrite. MW 9.7, Vis 29, pH 9. 1 1/2" @ 758'.
ECC \$29,100. (AFE pending - \$594,000.)

11-16-77 Drlg @ 1753' anhydrite. MW 9.7, Vis 29, pH 9. 3/4" @ 1322'.
ECC \$38,606. (AFE pending - \$594,000.)

11-17-77 Drlg @ 2200' shale & lime. MW 9.8, Vis 29, pH 9. 1" @ 1772'.
ECC \$44,521. (AFE pending - \$594,000.)

11-18-77 Drlg @ 2650' lime. MW 9.9, Vis 29, pH 10.5. 3/4" @ 2273'.
ECC \$61,628. (AFE pending - \$594,000.)

11-19-77 Drlg @ 3000' lime, M.W. 10.0#, Vis. 29, pH 10.5, Dev. 1/2" @
2695'. ECC \$65,428 (AFE pending)

11-20-77 Depth 3200' WOC. Drilled 11" hole to 3200' ran 77 jts of 8-5/8
32# & 24# K-55 & S-80 csg. Cmt w/800sx light wt. cmt 1/2" flo-
seal, 5# gilsonite per sx, 2% C.C. & 300 sx Class "C" 2% C.C.
Plug down 2:30 A.M. 11-20-77, Circ 130 sx. ECC \$102,821

11-21-77 Drlg @ 3525' lime. M.W. 8.4# Vis. 28, pH 10.5. Install 12"
ser. 900 x 10" ser. 1500 head. Nipple up BOP.
Test to 1000#. Drill out w/7-7/8" bit. ECC \$108,594

11-22-77 Drlg @ 4080' lime. MW 8.4#, Vis 28, pH 9.5, Dev. 1" @ 3709'.
(AFE pending - ECC \$ 116,052)

11-23-77 Drlg @ 4685' lime, MW 8.4#, Vis 28, pH 9.5, Dev. 1/2" @ 4220'.
(AFE pending - ECC \$124,667)