TRANS PACIFIC OIL CORPORATION

APP # 1000 1991

GEOLOGIST'S REPORT

Geologist: Mark Wilson, M.S. Geology

Depth Scale: 1:240

Depth Reference: KB

Elevations: GL 2,755 KB 2,765

Spud: 10/10/91

Completed: 10/20/91

Contractor: Rig #4

Mud Type: Gel Chem

Bit Record: 1 - 7 7/8" HTC

Mud Additives: Gel, Lime, Starch, Soda Ash, Bicarb, Caustic, Drispac, Dextrid, Lost Circ. Mat.

Hole Size: 7 7/8"

Max Dev: 1 1/2 @ 3,000'

Surface Csg: 8 5/8" @ 1,000'

Production Csg: 5 1/2" @ 3,500'

Formation Tops: Lansing 2,800' (-35) Kansas City 3,000' (-235) Marmaton 3,300' (-535) Cherokee 3,450' (-685) Mississippian 3,500' (-735) RTD 3,500' (-735) LTD 3,500' (-735)

Logs: DIL, CNL/CDL, Sonic, MEL

Samples Begin: 2,800'

Samples Stored: Yes

Drilling Time: Yes

Mud Logging: 2,800' - RTD

Drill Stem Tests: DST #1 3,300' - 3,350' (Marmaton) Rec: 30' Mud, IFP 30/30, ISIP 1,000/1,000, FFP 30/30, FSIP 1,000/1,000

Geologist on Site: 2,800' - RTD

Geologist Time: 2,800' - RTD

Contractor: Mark Wilson

Geologist: Mark Wilson, M.S. Geology

Phone: 316-267-3241

Fax: 316-267-3241

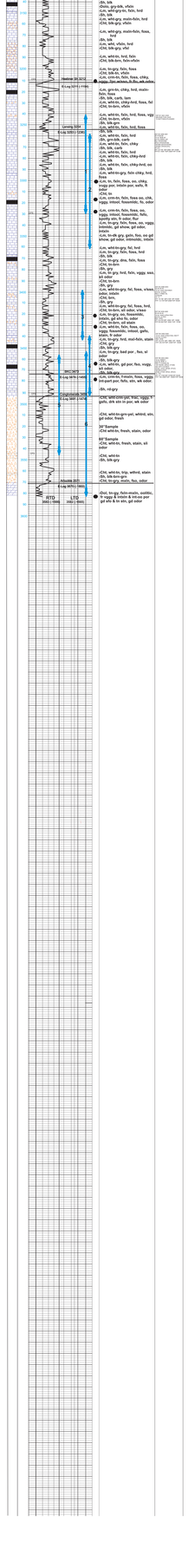
Address: 1234 Main Street, Wichita, KS 67207

Comments: Drilling began on 10/10/91 at 1:00 pm. Drilled to 1,000' and set 8 5/8" surface casing. Drilled ahead to 3,500' and ran DST #1 at 3,300' - 3,350'. Recovered 30' of mud. Ran logs and set 5 1/2" production casing. Rig released at 10:00 pm on 10/20/91.

Drilling Time Graph: 1 min/in, 0 - 15 min

REMARKS: Delay drilling the Bernis A 1-3, we discovered an extra point in the Kansas City. This zone had not reported, which changed our depth to 3,500 feet. The geological report has been corrected to the accurate depth drilled.

LEGEND

Shale | Limestone | Dolomite | Sandstone | Chert | Shale Fragments | Sample Description | Remarks

DEPTH | DRILLING TIME IN Min/in | SAMPLE DESCRIPTION | REMARKS