

Discovery Drilling Starts Up Rig No. 4

Hays-based Contractor Serves Central and Western Kansas

Due to increased demand, **Discovery Drilling Co., Inc.** of Hays, Kansas released a new rotary rig to the oil fields of Central and Western Kansas. Rig No. 4 began operations on April 29, 2010 when it spudded for Downing-Nelson Oil Company., Inc. at the Charlie No. 1-32 in Ellis County, Kansas. The well is scheduled for a total depth around 3,950 ft. **Mike Gaschler** serves as toolpusher on Rig No. 4.

Discovery's Rig No. 4 is an Ideco H-35SC powered by a 550 HP 14 liter Series 60 Detroit engine. The derrick is a 105 ft. Butler Parks mounted on a 5 ft. substructure with an 8 ft. ground to KB. The mud pump is an Emsco D375 powered by a Series 60 Detroit. The substructure and all other skids, plus the geologist shack, are new fabrication. Traveling Block is a McKissick 664. Swivel is a King MB15. Tubular is new G-105 drill pipe with 17 new 6-1/4 inch by 2-1/4 inch drill collars. Rig No. 4 is capable of drilling to depths up to 5,500 feet.

Discovery Drilling's Rig No. 1, 2, 3 and 4 are nearly identical. All 5 ft. substructures with 8 ft. KB, identical doghouses, all D-375 pumps with Detroit power. Rig No. 1, 3 and 4 are H-35 Ideco's while Rig No. 2 has a National Type 370 drawworks. All four rigs are powered by Series 60 Detroits. Rig No. 1 and 3 also are capable of going to depths up to 5,500 ft. Rig No. 2 has capacity of 6,500 ft.

Thomas Alm, owner, began contract drilling in 1994 with Rig No. 1. He has slowly added personnel and equipment to expand the operation to four rigs, and now employs over 70 people. For rig schedule, contact Tom at office 785-623-2920, or on cellular at 785-635-1511.