

DRILLING PROGRAM

White Swan "9" Federal No. 2

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Logging:

Dual Laterolog w/MSFL and Gamma Ray	4500' - 8800'
Compensated Neutron/Litho-Density/Gamma Ray	4500' - 8800'
Compensated Neutron/Gamma Ray (thru csg)	Surface-4500'

Coring: \pm 25 Rotary Sidewall Cores taken at different intervals in Delaware.

9. Abnormal Conditions, Pressures, Temperatures, & Potential Hazards:

No abnormal pressures or temperatures are anticipated. The estimated bottom hole temperature is 135 °F and the estimated bottom hole pressure is 3500 psi. It has been reported that some offset wells encountered brine water flows and associated H₂S from the Salt Section at around 3300'. Brine rates have been 200-300 barrels per hour and H₂S was measured at 60 ppm. Lost circulation has also been experienced while drilling the Salt Section at approximately 3800'. We have enclosed a Hydrogen Sulfide Drilling Operations Plan to address the potential situation.

10. Anticipated Starting Date and Duration of Operations:

Road and location work will not begin until approval has been received from the BLM. The anticipated spud date is ~~September~~ ^{NOVEMBER} 15, 1993. Once spudded, the drilling operation should be completed in approximately 18 days. If the well is productive, an additional 30 days will be required for completion and testing before permanent facilities are installed.