

GREAT WESTERN DRILLING COMPANY

W.I.B. NO. 1

Sec. 23, T-21-S, R-22-E, Eddy Co., New Mexico

DRILL STEM TEST SUMMARY

- 5-17-73 DST #1 5340'-5369' Tool malfunctioned. Opened tool for 20 minute preflow period. Had a fair blow of air. Shut in for 1 hr. Could not reopen tool for regular flow period. Recovered 90' of mud with no shows. Sample chamber recovery was 2200 cc of mud + .17 CFG @ 50#. FP 57-72#. 1 hr. ISIP 1262#. HP 2374-2374#. BHT 120° F.
- 5-19-73 DST #2 5793'-5877' Open 30 minutes, SI 1 hr., open 1 hr., SI 2 hrs. Opened with good blow. Had 15# SFP on $\frac{1}{4}$ " choke after 15 minutes. Died before end of preflow period. Reopened. Died in 5 minutes on regular flow period. Recovered 279' WC mud + 4455' sulphur water. Sample chamber recovery was 1800 cc of sulphur water. No gas. FP 1576-2106#, 1 hr. ISIP 2106#, FP 2106-2106#, 2 hr. FSIP 2106#, HP 2555-2529#, BHT 120°. Chlorides on water 13,800 ppm at 72° F.
- 5-28-73 DST #3 7706'-7775' Opposite Canyon lime was open for 20 minute preflow with a weak blow. SI 1 hr. Open 20 minutes with a very weak blow and SI for 1 hr. FSIP. Recovered 181' of D. mud. Sample chamber recovery was 1/10 CFG + 2100 cc of mud @ 100#. HP 3747-3700#. FP 141-141#, 1 hr. ISIP 234#, FP 141-141#, 1 hr. FSIP 234#. BHP 140°.
- 5-30-73 DST #4 7995-8044' Opposite Strawn sand. Open 15 minutes with a weak blow. Shut in for 1 hr. Opened for 20 minutes on regular flow period. No blow. By-passed tool. Open for an additional 15 minutes. Bubbled and died. Shut in for 1 hr. FSIP. Recovered 90' drilling mud. HP 3712-3712#, FP 92-92#, 1 hr. ISIP 1426#, FP 46-46, 1 hr. FSIP 184#.
- 6-5-73 DST #5 8988'-9025' Open 30 minutes SI 1 hr., open 2 hrs., SI 3 hrs. & 10 minutes. Had fair blow decreasing to a fairly weak blow after 15 minutes on preflow. Had a fair blow throughout on regular flow period. Recovered 30' of mud. Sample chamber was plugged. HP 4435-4390#, FP 44-44, 1 hr. ISIP 919#, FP 44-44#, 3 hr. & 10 min. FSIP 1793#. BHT 160°.

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