

O'BRIANT ENGINEERING

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YATES ENERGY CORPORATION
SEYMOUR STATE NO. 2
CHAVES COUNTY, NEW MEXICO

FIELD NOTES (As of October 30, 1990)

Field Supervisor: Mr. Gene Printz

October 17, 1990:

PBTD at 6116' K.B. SITP -0- psig, SICP 880 psig. Blow down casing. Move in and rig up Pride Petroleum Services. (Joe Wilson). Rig down well head and release tubing anchor. Rig up BOP. Pull out of the hole with tubing. Run in hole with Howco Retrieving tool and 188 joints of tubing. Release RBP and pull out of the hole with tubing and tools. Shut down at 4:30 PM.

October 18, 1990:

PBTD 6116' K.B. Rig up Jarrel Service, Inc. Run in hole with Howco Cement Retainer and set at 5944.46' K.B. (retainer set 100' high). Fluid level at 2100' from surface. Run in hole with stinger and tubing and tag retainer. Load hole and circulate. Set in retainer and tested tubing to 2600 psig. Open retainer and pump into formation at 3 1/2 BPM at 500 psig. Shut down and wait on extra cement. Mix 100 sacks Class "H" with 3/10% Halad 9 and 50 sacks Class "H" with 5# Microbond/sack, (15.6#/gallon weight, 1.18 cu.ft./sack.). Pump 5.5 barrels cement into formation at 3 BPM at 100-900 psig. Shut down and wash up lines and pump truck. Pump 3 barrels water to catch pressure. Displace 1 barrel cement into perforations (45 sacks in formation) and squeezed off to 2550 psig. Pull out from cement retainer and reversed 100 sacks cement to pit. Pull out of the hole with tubing and stinger. Shut down at 5:00 PM.

October 19, 1990:

PBTD at 5939' K.B. Run in hole with 4 3/4" bit, bit sub, 6 D.C., top sub and tubing. Tag cement at 5937' K.B. Drill 7' cement, cement retainer at 5944.46' K.B. and 85' cement to 6031' K.B. Circulate hole clean and test casing to 500 psig for 15 minutes. Pull out of the hole and lay down drilling tools. Shut down at 7:00 PM.