

- 10/31/81 Drilling at 5824'. Bit #6 MW 9.2 Vis 40 WL 5.0 3% Oil
- 11/01/81 Drilling at 6393'. Bit #6 MW 9.0# Vis 39 WL 4.2 8% Oil  
1% LCM
- 11/02/81 Drilling at 6615'. Bit #7 MW 9.2# Vis. 39 WL 5.5 4% Oil  
Tripped Bit #6 at 6531'.
- 11/03/81 Drilling at 6945'. Bit #7 MW 9.1 Vis. 40 WL 4.5 Oil 8%
- 11/04/81 Drilling at 7207'. Bit #8 MW 9.1# Vis. 36 WL 6.0 Oil 4%  
Tripped for bit at 7064'.
- 11/04/81 Fishing for cone at 7300'.
- 11/05/81 Reached total depth of 7367' at 7:30 PM. Circulated hole  
to condition. Pulled out of hole to log. Schlumberger  
ran induction log and compensated neutron density. 8AM  
Present operation - logging.
- 11/06/81 Ran back in hole. Laid drill pipe and drill collar. Ran  
177 joints and short joint of 4½" 11.6# casing. Shoe at 7385'.  
Shoe joint at 4209'. Float collar at 7343'. Cement basket at 6928',  
6474', and 5910'. Short joint at 5953 - 74'. D.V. tool at 2962'.  
Halliburton pumped 1000 gallons of mud flush. Cemented with 650 sxs  
50-50 posmix, 2% gel, 6½# salt, 6½# gilsonite per sack. Plug down  
at 7:45 PM. Approximate top of cement 3400'.
- 11/07/81 Opened DV tool. Circulated 3 hours. Second stage pumped 1000  
gallons mud flush. Cemented 500 sxs 65-35 posmix, 12% gel, 6½#  
gilsonite per sx, followed by 50 sxs Class "B" neat. Plug down  
at 12:05 11/7. Circulated 5 bbls of cement to surface.  
Released rig.
- 12/10/81 Moved in and rigged up Flint <sup>completion</sup> Compression rig. Ran 3-7/8" bit  
and tubing to 2902'. Drilled out DV tool. Shut down.
- 12/11/81 Finished drilling out DV tool. Ran tubing to 7318'. Pressure  
tested casing to 4000 psi. Spotted 200 gallons 7½ Hcl at 7260'.  
Pulled out of hole. Blue Jet ran correlation logs. Perforated  
7238', 7234', 7220', 7215' and 7182' with 4 shots per foot.  
Fracked with 1821 bbls of slick water and 60,000# 20-40 sand.  
Average rate 40 bbls per min. Treating pressure: Min. 3350#,  
Max. 3600#, Avg. 3500#. Breakdown pressure 2200#. ISIP - 1800#.  
After 15 min. 1550#. Total fluid to recover 1821 bbls. Went in  
hole with bridge plug. Set at 7121'. Stuck tool in hole.
- 12/12/81 Went in and fished tool out of hole. Tested casing to 4000#.  
Perforated 7072', 7064', 7060', 7052' (Dakota A) with 4 shots  
per foot, and 6992', 6978', 6975', 6970' and 6964' (Greenhorn)  
with 2 shots per foot. Ran 250 gallons Hcl. Balled off.  
Fracked with 75,000 gallons of slick water and 60,000 20-40  
sand.