

- 9-22-80 Day 28. 9118'. Drlg. 20% Lm, 70% Sh, 10% Sd. MW 9.1, Vis 45, WL 7, WC 2/32, pH 9.5, Cl 105,000, Solids 5%. Bit 6, 7 7/8", Reed, HPMH, In 7612' out 9036'. Bit 7, 7 7/8", Reed, HPMH, In 9036'. WOB 45,000# @ 55 rpm, PP 1350 psi @ 52 spm. Drlg 8½ Hrs, Trip 11½ hrs, Service ¼ hr, Wash 485' to btm 4 hrs, Finished pulling fish out of hole & reran Bit #6, washed 485' to btm & drld ahead. Drlg 7"/ft & 8-10 units back-ground gas 2 sx drispak, 8 dextrid, 50 sx KCL, 25-30,000# drag @ connections. Progress 82'. Cost \$271,257.04
- 9-23-80 Day 29. 9209'. Drlg. 70% lm, 20% sd, 10% sh. MW 9.8, Vis 45, WL 7.2, WC 1/32, pH 9.0, Cl 100,000, Solids 5%. Slope test 9140' @ 1½", Bit 7 7 7/8", Reed, HPMH, In 9036' out 9184'. Bit 8, 7 7/8", HTC, J55, In 9184'. WOB 45,000# @ 50 rpm, PP 1400 psi @ 48 spm, Drlg 8½ hrs, Slope test ¼ hr, Trip 7½ hrs, Ser ¼ hr, Repair Pump & cut drlg line 1½ hrs, Circ 2½ hrs, Wash & Ream 80' to btm 3½ hrs. 8 units back-ground gas. Drlg 6"/ft, 3' break 9160-63' 2½-3"/ft, 80 units gas & no sample show, 8 sx drispak, 21 sx dextrid, 50 sx KCL, 60 sx Mud, 12 sx bringegel, SLM @ 9184 & was 8' deep to board, corrected 8' slight drag @ 40,000# pull. 2nd point off btm of trip. Bit -2 brgs gone. Progress 91'. Cost \$279,495.00
- 9-24-80 Day 30. 9322'. Circ & Cond hole. 90% sd 10% chert, MW 10.0, Vis 46, WL 7.4, WC 2/32, pH 9.5, Cl 105,000, Solids 6%. Bit 8, 7 7/8", HTC J55, In @ 9184'. WOB 45,000# @ 50 rpm, PP 1400 psi @ 49 spm, Drlg 12½ hrs, 2 Short trips 4 hrs, rig repair ¼ hr, circ & cond hole 7½ hrs 2 sx drispak, 8 sx dextrid, 65 sx KCL, 2 sx caustic, Drlg break 9273-9322 49' 3"-3½"/ft, max gas 80 units, 9260 & 9270 picks f/pkr seats. Made 2 short trips, had 40' fill each trip, had no drag on short trips. Progress 113'. Cum Cost \$284,943.40
- 9-25-80 Day 31. 9322'. DST #3. 90% Sd, 10% Chert. MW 10.0, Vis 43, WL 6.8, WC 2/32, pH 9.5, Cl 107,000, Solids 7%. Bit 8, 7 7/8", HTC, J55, In 9184' out 9322'. PP 1400 psi @ 49 spm. Trip 11½ hrs, Line on drum 1½ hrs, DST #3 ½ hr, Unload & makeup test tools 1 3/4 hrs, Circ & cond hole 8 3/4 hrs, Short trip #3 w/drag, 2nd std off btm & pulled 70,000# to free, ran back to btm & circ 3½ hrs & 4th short trip 20 stds - 2½ hrs off btm had 30' of fill, Circ & made 5th short trip & was off btm 2 hrs & had bridge 30' off btm. Mixed 100 bbls pill w/85 vis, 10.1# & 6.4 cc wtr loss, spotted pill & pulled out of hole f/DST #3. Ran DST #3, Pkrs @ 9270 & 9264'. Testing 52' from 9270-9322'. Test went to bottom OK. opened tool @ 4:30 AM 9-25-80 MDST w/weak blow & increasing throughout preflow, 10-12" in bucket, 30" preflow & closed tool f/ICIP. Mixed 4 dextrid, 1 drispak, 1 soda ash, 1 caustic, 10 KCL, 28 sea mud & 6 gel. Cost \$293,070.51

- 9-26-80 Day 32. 9362'. Drlg. Sh & lm. MW 9.9, Vis 41, WL 7.0, WC 2/32, pH 10.0, Cl 100,000, Solids 7%. Bit 9 7 7/8", HTC, J55, In 9322' WOB 45,000# @ 50 rpm, PP 1400 psi @ 49 spm. Drlg 10 3/4 hrs, Trip 7 hrs, Ser 1/4 hr, DST 4 hrs, Break dwn & load tools 2 hrs. DST #3 ICIP 60" final flow 60" open tool w/fair blow & inc strong blow, 2 psi blowing through hose, opened on 3/8" chk & in 8" pressure dropped to 0, last 15" closed chk & pressure inc to 1 psi through hose, closed in 120" f/FCIP. Released pkrs & POH.
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|------------|------|-------------|
| Ch         | 9250 | 9318        |
| I hyd      | 4886 | 4891        |
| Preflow 1  | 349  | 395         |
| F          | 365  | 431         |
| ICIP       | 1492 | <u>1523</u> |
| 2nd Flow 1 | 317  | 341         |
| F          | 381  | 377         |
| FCIP       | 1570 | <u>1612</u> |
| F Hyd      | 4822 | 4855        |
- Recovered 810' gas cut drlg fluid, BHT 142°F. Made 40'. Cost \$300,935.93
- 9-27-80 Day 33. 9412'. DST #4. Sh & sd. MW 9.9, Vis 46, WL 8.1, WC 2/32, pH 10, Cl 90,000, Solids 7%. Slope test 9412' @ 1/2". Bit 9, 7 7/8", HTC, J55, In 9322 out 9412'. WOB 45,000# @ 50 rpm, PP 1400 psi @ 49 spm. Drlg 7 1/2 hrs, Slope test 1/4 hr, Trip 6 1/4 hr, Rig repair 1/4 hr, DST 1 3/4 hrs, unload & pick up test tools 1 3/4 hrs, Circ 4 1/4 hrs, 55 sx C mud, 11 sx gel, 2 sx drispak, 8 sx dextrid, drl breaks 9367-73' 170 units gas, 9381-9409-64 units gas, spotted 80 viscosity pill on btm, ran DST #4 9356-9362-9412, 50' interval. Opened tool for 26" preflow @ 3:15 AM 9-27-80. Opened w/strong blow & in 3" 30 psi, opened on 3/8" choke & blew fire out, closed choke to light fire & in 5" 140 psi, 8" 180 psi, opened again on 3/8" choke w/gas to surface in 10". In 15" 225 psi rate 800 MCFD & in 20" 290 psi rate of 1073 MCFD, @ 26" 330 psi rate of 1273 MCF, closed in tool f/initial closed in pressure was 45" into closed period @ report time. Note: Fire @ flare was hot, scortched mud loggers trailor, extended flow line during closed in period Progress 50'. Cum Cost \$306,020.93
- 9-28-80 Day 34. 9412'. TIH, working on rig. Sd, Sh, Lm. MW 9.9, Vis 46, WL 8.1, WC 2/32, pH 10, Cl 90000, Solids 7%. Bit 10, 7 7/8", Reed, HPSM, in 9412' Trip 7 1/2 hrs, DST 2 3/4 hrs, Break out & load test tools 1/2 hr, circ out DST 1 hr, WO mechanic & work on drum clutch 11 1/4 hrs, Continued DST #4 ICIP f/total of 60" opened tool f/2nd flow on 1/2" choke, 8" 150 psi, 11" 200 psi, 15" 224 psi, 18" 250 psi, 23" 275 psi, 28" 292 psi, 31" 300 psi, 35" 310 psi, 39" 315 psi, 42" 320 psi, 45" 324 psi, 50" 328 psi, 55" 330 psi, 60" 332 psi. Last flow rate was 2173 MCFD. Closed tool f/120" FCIP. Pulled pkrs free & POH. Reversed out 200' gas cut mud f/total of 250'. BHT 153°F. DST 9347-9408. IHyd 4782, Preflow 1 308, Preflow F 595, ICIP 3762, 2nd Flow 1 353, 2nd Flow F 617, FCIP 3740, F Hyd. 4782. Drum clutch went out on trip in hole, 8 std off btm, working on clutch @ report time. Cost \$316,928.54
- 9-29-80 Day 35. 9580'. Drlg. 80% sh & 20% lm. MW 10, Vis 41, WL 8, WC 1/32, pH 9.0, Cl 70,000, Solids 12%, Bit 10, 7 7/8", Reed, HPSM, In 9412'. WOB 45,000# @ 55 rpm, PP 1400 psi @ 60 spm. Drlg 17 hrs, Trip 1/2 hr, Rig repair 6 hrs, Wash to btm 1/2 hr. 1 sx drispak, 4 sx dextrid, drlg brk 9415-24 1 1/2"/ft 65 units gas, received 58 jts 5 1/2" N80 R 3 17# LTC csg. Progress 168'. Cost \$322,343.83