

LATHERSTONE COMM #1

1980' FN and EL, Sec. 10, T-16S, R-34E
Lea County, New Mexico

- 3/25/79 DST #1 & 2 Pick up test tool, depth 10,830', made 155' of progress, formation lime/shale, deviation 10,830'-1, Mud Wt. 9.8, Visc. 36, Ph 10, WL 10, 16 1/4 hrs. drilling, 2 3/4 hrs. trips, 1/4 hr. totcos, 4 hrs. circulate, 1/4 hr. work BOPS, 1/2 hr. pick up test tool.
- 3/26/79 Trip in for DST, depth 10,830', 0 progress, formation lime/shale, no deviation, Mud Wt. 9.7, Visc. 45, Ph 9, WL 12, Chlorides 145,000, 15 hrs. trips, 4 3/4 hrs. circulating & mux mud. 1/4 hr. work BOPS, 4 hrs. lay down & pick up test tool, Bridge in hole at 10,704, could not get through, pulled back out, went in hole, went to bottom, mix mud, condition hole, made short trip, came out of hole to pick up tool.
- 3/27/79 DST, Depth 10,830' made 0 progress, formation lime/shale, no deviations, Mud Wt. 9.7, Visc. 52, Ph 9, WL 9, Filter cake 1/32, 14 1/2 hrs. trips, 6 hrs. circulating, 3 hrs. pick up and lay down test tool, 1/2 hr. DST testing from 10,768' to 10,830', DST #1 no packer seat, went back in hole, condition same, pull out of hole, ran DST #2, test interval 10,768' to 10,830', Tool open at 4:45 AM 3/27/79, did not have any blow, Chemical cost \$2197.80, residue 320 PPM.
- 3/28/79 DST #3 Drilling, depth 10,930' made 100' of progress, formation lime/shale, no deviations, Mud Wt. 9.8, Visc. 50, Ph 9, WL 11, chlorides 152,000, 12 1/4 hrs. drilling, 5 3/4 hrs. trips, 1/4 hr. work BOPS, 1 1/2 hrs. lay test tool down, 4 1/4 hrs. DST #3, slow pump rate 760 psi, 34 SPM, Chemical Cost \$2197.80, residue 360 PPM, DST #1 could not get to bottom, DST #2 Packer failure, DST #3 as follows: Packer set at 10,768', test to 10,830' - 62', open tool at 4:45 AM 3/26/79, no blow, 5:15 AM close tool, 6:15 AM open tool, no blow, no blow throughout, 7:15 AM close tool, no blow, 9:15 AM pull packers loose start out of hole, recovery 155' drilling fluid, sampler 0 psi, 0 cubic feet of gas, no fluid, temperature
- | | | |
|------|------|------|
| 130, | IHP | 5538 |
| | IFP | 172 |
| | FFP | 172 |
| | ISIP | 258 |
| | IFP | 172 |
| | FFP | 172 |
| | FSIP | 258 |
| | FHP | 5495 |
- 4/4/79 DST #4 Pick up test tool, depth 11,899, made 94' of progress, formation shale/lime, no deviation, Mud Wt. 9.9, Visc. 44, PH 10, WL 9, filter cake 1/32, Chlorides 121,000, 13 3/4 hrs. drilling, 4 hrs. trips, 1/4 hr. totcos, 3 hrs. circulating, 3 hrs. repair low drum chain, slow pump rate 670 psi, 33 SPM, Chemical cost \$2585.80, residue 300 PPM, Prep to run DST #4, 11877-11899, if all goes well, should open tool about 10:00 AM this AM.