

MARK PRODUCTION COMPANY

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DRILL STEM TESTS
NEW MEXICO OSAGE NO. 1
Section 5, T20S-R25E
EDDY COUNTY, NEW MEXICO

- 6-9-74 DST #1 - 8840-9065' - packer failed - no recovery
- 6-11-74 DST #2 - 8850-9065' - 15" pre-flow - GTS in 13" @ rate of 250 MCF/D - TSTM after 4" - SI 1 hour - flow period 1 hour - SI 2 hours - recovered 620' GCM - ISIP 1749 psi - IFP 197 - 217 psi - FSIP 2360 psi - Hyd 4208 psi - 4147 psi.
- 6-14-74 DST #3 - 9310-9400' - tool open 30 mins - 5 min preflow - gas to surface in 2 mins at rate of 5.25 MMcf/day - after 30 mins increased to 14.25 MMcf/day on 1" choke at 550 psi.
- | | | |
|----|------|----------------|
| 5" | 290# | 5.25 MMcf/day |
| 5" | 430# | 11.75 MMcf/day |
| 5" | 520# | 13.75 MMcf/day |
| 5" | 530# | 14.00 MMcf/day |
| 5" | 550# | 14.25 MMcf/day |
- IHP 4457 psi - 5" preflow 3314 psi - 1 hr ISIP 3792 psi - IFP 3235 psi - FFP 3155 psi - 2 hr FSIP 3772 psi - FHP 4457 psi - Temp 215°
- 6-16-74 DST #4 - 9420-9518' - 15 min preflow - recovered 390' slightly gas-cut mud - 1 hr ISIP 395 psi - IFP 256 psi - 1 hr FFP 256 psi - FSIP 592 psi.
- 6-18-74 DST #5 - 9505-9630' - 15" preflow - GTS in 1 hr - TSTM - rec. 360' slightly gas-cut mud - 90" ISIP 1125 psi - IFP 177 psi - IHP 4518 psi - 60" FFP 197 psi - 2 hr FSIP 3155 psi - FHP 4659 psi.