

DRILLSTEM TEST DATA

Hudson Federal-29-1
Section 29, T-18-S, R-33-E
Lea County, New Mexico

- DST #1 6100-6182; 15 min pre-flow, weak blow - 1 hr I.SIP - 1 hr test, very weak blow, dead in 40 min - 1 hr F.SIP - rec 50' drilling fluid - I.SIP 2309# - F.SIP 1988# - IF 64# - FF 90# - HI 2720 - HO 2702 - Res. was .64 @ 62 deg. F 13,000 ppm cl - Pit mud was .71 @ 52 deg. F 12,500 ppm
- DST #2 7422-7447; 10 min pre-flow, very weak blow - 1½ hr I.SIP - 1 hr test, no blow - 1 hr F.SIP - rec 70' water w/sli SO - HI 3255# - HO 3245# - I.SIP 3012# - F.SIP 2545# - IF 22# - FF 53# - BHT 130 deg. F
- DST #3 10,537-10,577; 10 min pre-flow, fair blow - 1 hr I.SIP - tool open 1½ hrs, fair blow throughout - 2 hr 2nd SIP - re-opened 1 hr - 2nd flow, fair blow - GTS 53 min-TSTM - S.I. 3 hrs for F. SIP - rec 90' free oil (39.2 grav @ 60 deg. F) + 130' SO&GCM - HPI & HPO 4692# - 1 hr I.SIP 3749# - 2 hr 2nd SIP 3707# and building slightly - 3 hr F.SIP 3747# - IF 43# - 2nd flow 43# - FF 85# - BHT 145 deg.
- DST #4 10,595-10,619; 10 min pre-flow, very weak blow - 2 hr I.SIP - tool opened 1 hr, no blow - 2 hr F.SIP - rec 120' drilling mud, n/s - I.SIP 3587# & building slightly - F.SIP 2291# & building slightly - IF 23# - FF 73# - HPI & HPO 4767#
- DST #5 10,913-11,027; 10 min pre-flow, very good blow, GTS 6 min @ rate of 625 MCF - S.I. 2 hr I.SIP - start unloading mud 10" after tool closed & oil 15" - open for 2 hr IF on 1" surf. choke & flwd 87 BO - FP 170# - G.V. 428 MCF - close tool 2 hrs - re-open 2nd flow on ½" choke & flwd 50 BO 1 hr - G.V. 362 MCF - FP 300# - Reduce choke to ¼" & flwd 35 BO 1 hr - G.V. not measured - FP 500# - Close tool 4 hr F.SIP - Well unloaded 18 BO after tool closed - Total oil flwd 190 barrels - R.O. 20 BO (Total of 210 BO) - HPI & HPO 5060# - 2 hr I.SIP 4241# - 2 hr 2nd SIP 3933# building sli - 4 hr F.SIP 3959# - IFP 983# - 2nd FP 2650# - FF 3292# - BHT 150 deg. F.
- DST #6 11,062-11,144; 10 min pre-flow, good blow - 2 hr I.SIP - tool open 2 hrs, good blow decr. & dead 1 hr 40 min - 3 hr F.SIP - rec 6300' gas in drill pipe, 60' oil (42 grav @ 60 deg. F) - 90' HO&GCM - HPI & HPO 5097# - IF & FF 74# - I.SIP 1073# - F.SIP 709# - BHT 151 deg. F
- DST #7 11,134-11,243; 15 min pre-flow, weak blow incr. to fair - 2 hr I.SIP - tool open 1 hr, weak blow & died - 2 hr F.SIP - rec 30' drilling mud-n/s - HPI 5185#-HPO 5173# - I.SIP 130# - F.SIP 118# - IF & FF 67# - BHT 151 deg. F
- DST #8 11,337-11,360; 10 min pre-flow, good blow - 2 hr I.SIP - tool open 2 hrs, strong blow-decr. - 2 hr F.SIP - rec 6750' gas in drill pipe, 45' drilling mud & 5' free oil - HPI 5261# - HPO 5236# - I.SIP 4318# - F.SIP 3651# - IF & FF 30# - BHT 153 deg. F