

FEATHERSTONE DEVELOPMENT CORPORATION - McCoy No. 1 (Carlsbad Morrow Field)
660' FNL and 835' FEL Section 22, T 23S, R 26E, Eddy County, New Mexico
Elevation: 3298' GR.
REPORT OF DST -

10-21-76 DST #1 - 6400' to 6540' (Bone Springs) Porosity 6443' - 6458'

Open tool @ 6:15 p.m.

1 hr. IF 288#-1372# (GTS 10 min.)
2 hrs. ISI 2694#
2 hrs. FF 1111#-1124# (fluid to surface 25 min.)
4 hrs. FSI 2288#
Hydrostatic 3325#

Temperature 118°

Recovered 60' distillate and 1700' gas cut water

Sampler: 1100# - 250 cc oil - 300 cc water - 3.31 cfg.

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O. C. C.
ARTESIA, OFFICE

10-26-76 DST #2 - 7741' to 7925' (Bone Springs)

Initial hydrostatic - 3724#

30 min. IF 104#-104#
60 min. ISI 244#(comes off bottom recorder)
60 min. FF 104#-104#
120 min. FSI 244#
Hydrostatic out - 3724#

Temperature 176°

Recovered 5' drilling fluid - sampler no gas

Liquid 2200 cc.

11- 2-76 DST #3 - 9840' to 9989' (Canyon)

Initial and final Hydrostatic - 4952#

30 min. IF 131#-175#
60 min. ISI 459#
60 min. FF 306#-437#
120 min. FSI 764# and rising

(These are from the bottom recorder - top recorder did not work)

Recovered 1800' muddy salt water

Sampler: 750# - no fluid - gas 3.974 cfg

11-16-76 DST #4 - 11,390' to 11,479' (Morrow 'A' Sand)

Misrun -

11-18-76 DST #5 - 11,390' to 11,479' (Morrow 'A')

30 min. IF 152#-152#
90 min. ISI 458#
90 min. FF 152#-174#
180 min. FSI 480#

Hydrostatic - 5792#

Recovered 300' drilling fluid - 190° temperature

Open tool w/weak blow - fired after 20 min.

Final flow - fair - steady throughout.

5# after 15 min. on final flow through rubber hose - no gas to surface -
no buildup on shutin.

11-22-76 DST #6 - 11,522' to 11,700' (Morrow 'B' Sand) from bottom chart

Initial Hydrostatic 6966#

Final Hydrostatic 5943#

45 min. IF 139#-139#
90 min. ISI 4806#
120 min. FF 116#-116#
360 min. FSI 4738#

Temperature 196°

Recovered 150' drilling fluid

Sampler 100# - no liquid - .73 cfg.

Initial flow started with strong blow - decreasing steadily

GTS in 20 min. - no pressure on 1/4" choke -

Final flow - gas immediately - 35# on 1/4" choke - pressure declined steadily -