

Matador Operating Company

Pipeline Deep Fed 5 #2
Lea County, New Mexico

API # 30-025-35133
Sec 5, T19S, R34E

01/11/01 TBG static. Continue swab. FL first swab run @ 7200'. Swab 9 hours. Gas show (60 psi) between swab runs. FL at end of day @ 9400'. Fluid recovered this report: 95 BW (15 swab runs).

01/12/01 Tubing static. Continue swab. FL first swab run at 8000'. Swab 99 BW in 10 hours and 15 runs. Gas blow after swab run with 60 psi initially and decreasing to 0 psi. FL at end of day at 9700'.

01/13/01 Tubing static. Continue swab. FL first swab run at 8800'. Swab 80 BW in 10 hours and 14 runs. Gas blow after swab run with 60 psi initially and decreasing to 0 psi. FL at end of day at 10,600'. Pulling swab from 12,900'. 2097 BTLR, 3790 BTLLTR.

01/15/01 Tubing static. Continue swab. FL first swab run at 9100'. Swab 69 BW in 9 hours and 13 runs. Gas show after swab run with 60 psi initially and decreasing to 0 psi. FL at end of day at 9600' scattered to 12800'. Pulling swab from 12,900'. 2166 BTLR. 1624 BTLLTR.

01/15/01 Water Analysis for Morrow (perfs 13349-406)

Sample 1

<u>Anions</u>	<u>ppm</u>
Chlorides	21984
Sulfates	0
Carbonates	0
Bicarbonates	533

Sample 2

<u>Anions</u>	<u>ppm</u>
Chlorides	20366
Sulfates	0
Carbonates	0
Bicarbonates	516

Sample 3

<u>Cations</u>	<u>ppm</u>
Calcium	505
Magnesium	71
Iron	87
Sodium	13668

Sample 4

<u>Cations</u>	<u>ppm</u>
Calcium	664
Magnesium	71
Iron	58
Sodium	12453

01/16/01 Tubing static. Continue swab. FL first swab run at 9400'. Swab 66 BW in 10 hours and 17 swab runs. Gas show after swab run with 60 psi initially and decreasing to 0 psi. FL at end of day at 9700' scattered to 12800'. Pulling swab from 12,900'. BTLR 2232 BW. 608 BOL.