



00204725

Phone  
(303) 522-2050

## Mile-Hi Testers, Inc.

Box 453  
Sterling, CO 80751

Contractor Denton Bros.  
 Rig No. 1  
 Spot NW-SW  
 Sec. 14  
 Twp. 7 N  
 Rng. 58 W  
 Field ---  
 County Weld  
 State Colorado  
 Elevation 4813' "K.B."

Surface Choke 1"  
 Bottom Choke 3/4"  
 Hole Size 7 7/8"  
 Rat Hole Size ---  
 DP Size & Weight 4" FH 14.00  
 Wt. Pipe ---  
 I.D. of DC 2 1/4"  
 Length of DC 360'  
 Total Depth 6456' (log)  
 Type of Test Straddle

Mud Type Gel-Drispal  
 Weight 9.8  
 Viscosity 70  
 Water Loss 7.8  
 Filter Cake 2/32  
 Resistivity 3.5 @ 90 of  
1225 Ppm. NaCl

Bottom  
Hole Temp. 161° F

Opened Tool @ 12:18 hrs.  
 Flow No. 1 30 min.  
 Shut-in No. 1 30 min.  
 Flow No. 2 60 min.  
 Shut-in No. 2 30 min.  
 Flow No. 3 None min.  
 Shut-in No. 3 " min.

Recorder Type Kuster AK-1  
 No. 11039 Cap. 5150 psi  
 Depth 6302 feet  
 Inside ☒ Outside ☐

Initial Hydrostatic	A	3205
Final Hydrostatic	K	3145
Initial Flow	B	717
Final Initial Flow	C	1346
Initial Shut-in	D	1629
Second Initial Flow	E	1491
Second Final Flow	F	1637
Second Shut-in	G	1630
Third Initial Flow	H	---
Third Final Flow	I	---
Third Shut-in	J	---

Co. Rep. D. Cummins K. Mull  
 Tester Duane Custer

Pipe Recovery: 3480' Total fluid  
660' Mud = 7.13 bbl.  
2820' Slightly gas cut muddy water = 28.33 bbl.

Middle sample R W - 3.6 @ 92° F = 1200 ppm. NaCl.  
 Bottom sample R W - 1.9 @ 90° F = 2400 ppm. NaCl.

## Surface blow:

1st flow: Tool opened with a fair blow, increased to bottom of bucket in 4 minutes and remained through flow period.

2nd flow: Tool opened with a good blow, increased to bottom of bucket in 2 minutes. Blow began decreasing after 35 minutes and died in 45 minutes and remained through flow period.

Operator  
Piedmont Exploration Co.  
Box 781  
Greeley, Colorado 80632

(5 copies:

Well Name & No. Doll Estate #1  
 Formation "D" Sand  
 Test Interval 6314' - 6338'

DST No. 1  
 Ticket No. 17  
 Date 8/

Contractor Denton Bros.  
Rig No. 1  
Spot NW-SW  
Sec. 14  
Twp. 7 N  
Rng. 58 W  
Field --  
County Weld  
State Colorado  
Elevation 4813' "K.B."

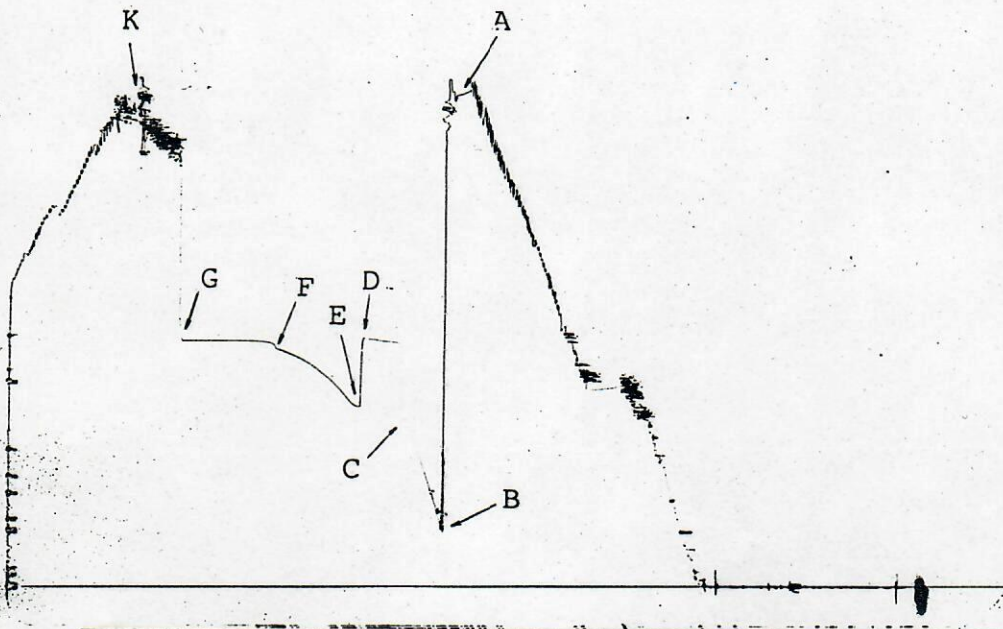
Surface Choke 1"  
Bottom Choke 3/4"  
Hole Size 7 7/8"  
Rat Hole Size --  
DP Size & Weight 4" FH 14.00  
Wt. Pipe --  
I.D. of DC 2 1/4"  
Length of DC 360'  
Total Depth 6456'  
Type of Test Straddle

Mud Type Gel-Drispal  
Weight 9.8  
Viscosity 70  
Water Loss 7.8  
Filter Cake 2/32  
Resistivity 3.5 @ 90 °F  
1225 Ppm. NaCl  
Bottom  
Hole Temp. 161° F

Opened Tool @ 01:00 hrs.  
Flow No. 1 30 min.  
Shut-in No. 1 30 min.  
Flow No. 2 60 min.  
Shut-in No. 2 60 min.  
Flow No. 3 None min.  
Shut-in No. 3 " min.

Recorder Type Kuster AK-1  
No. 11038 Cap. 5075 psi  
Depth 6345 feet  
Inside ☒ Outside ☐

Initial Hydrostatic	A	3204
Final Hydrostatic	K	3102
Initial Flow	B	362
Final Initial Flow	C	1092
Initial Shut-in	D	1619
Second Initial Flow	E	1176
Second Final Flow	F	1547
Second Shut-in	G	1599
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--



Pipe Recovery: 3210' Total fluid  
240' Mud = 2.59 bbl.  
2600' Gas cut water = 28.08 bbl.  
370' Highly gas cut mud = 1.87 bbl.

Recovery R W - 3.5 @ 88° F = 1200 ppm. NaCl.

Surface blow:

1st flow: Tool opened with a fair blow, increased to bottom of bucket in 3 minutes and remained through flow period.

2nd flow: Tool opened with a good blow, increased to bottom of bucket in 3 minutes. Blow began to decrease slowly after 30 minutes, died in 50 minutes and remained through flow period.

Remarks: The pressure gauge run below the straddle indicates the bottom packer seats failed.

"MISRUN"

Co. Rep. D. Cummins K. Mull  
Tester Duane Custer

Piedmont Exploration Co.  
Box 781  
Grealey, Colorado 80632

Well Name & No. Doll Estate #1  
Formation "D" Sand  
Test Interval 6314' - 6335'

DST No. 2  
Ticket No. 172  
Date 8/20/80