

Phone  
(303) 522-2050

# Mile-Hi Testers, Inc.

Box 453  
Sterling, CO 80751



00264432

Contractor Allison Drlg. Co.  
Rig No. 3  
Spot NE-NE  
Sec. 29  
Twp. 9 N  
Rng. 53 W  
Field East Mt. Hope  
County Logan  
State Colorado  
Elevation 4206' K.B.

Surface Choke 1"  
Bottom Choke 3/4"  
Hole Size 7 7/8"  
Rat Hole Size --  
DP Size & Weight 4 1/2" XH 16.60  
Wt. Pipe --  
I.D. of DC 2 1/2"  
Length of DC 437'  
Total Depth 5242'  
Type of Test Conventional

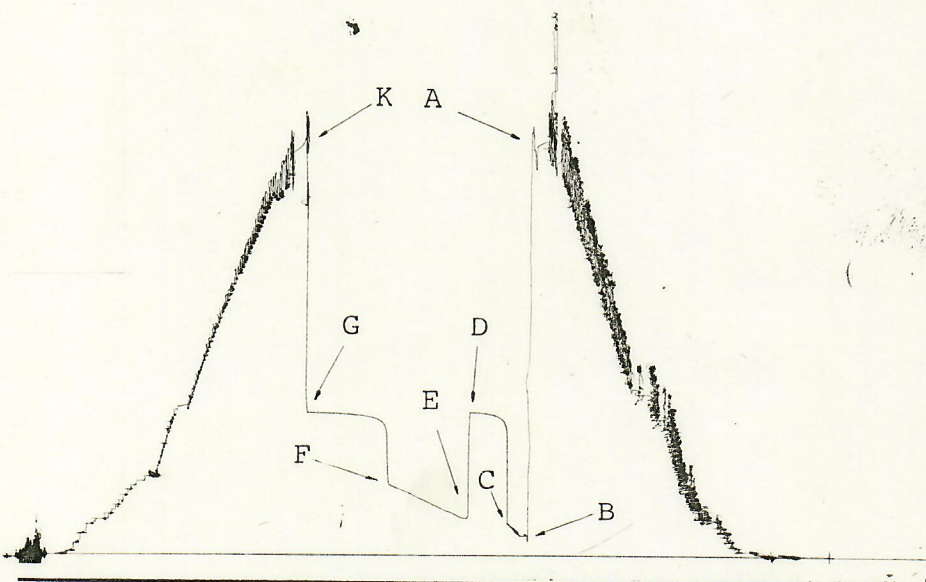
Mud Type Gel-Chemical  
Weight 9.8  
Viscosity 70  
Water Loss 6.8  
Filter Cake 2/32  
Resistivity 2.0 @ 70 of  
2800 Ppm. NaCl

Bottom  
Hole Temp. 141° F

Opened Tool @ 08:20 hrs.  
Flow No. 1 15 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. 11039 Cap. 5150 psi  
Depth 5237 feet  
Inside [X] Outside [ ]

Initial Hydrostatic	A	2736
Final Hydrostatic	K	2699
Initial Flow	B	107
Final Initial Flow	C	210
Initial Shut-in	D	964
Second Initial Flow	E	245
Second Final Flow	F	476
Second Shut-in	G	960
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--



Pipe Recovery:

967' Total fluid

1' Black Oil = 0.014 bbl.

966' Water with oil stains throughout = 10.18 bbl.

Top sample RW - 1.0 @ 70° F = 6000 ppm. NaCl.

Middle sample RW - 0.8 @ 70° F = 7500 ppm. NaCl.

Bottom sample RW - 0.8 @ 70° F = 7500 ppm. NaCl.

Surface blow:

1st flow: Tool opened with a weak blow, increased to a 10" blow at end of flow period.

2nd flow: Tool opened with a weak blow, slowly increased to an 8" blow; Began to decrease after 46 minutes to a 5" blow at end of flow period.

Co. Rep. Melody Ulen

Tester Duane Custer

Operator  
Tipperary Oil & Gas Corp.  
1675 Broadway, Suite 2530  
Denver, Colorado 80202

Well Name & No. Davis #1  
Formation "O" Sand  
Test Interval 5224' - 5242'

DST No. 1  
Ticket No. 192  
Date 10/27/80

# Mile-Hi Testers, Inc.

Tipperary Oil & Gas Corp.  
Operator

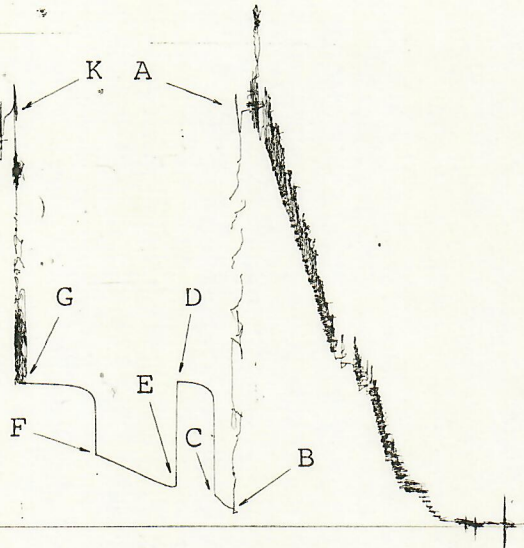
Davis #1  
Well Name and No.

1  
DST No.

## Inside Recorder

PRD Make Kuster AK-1  
No. 11038 Cap. 5075 @ 5212'

Press		Corrected
Initial Hydrostatic	A	2703
Final Hydrostatic	K	2674
Initial Flow	B	105
Final Initial Flow	C	191
Initial Shut-in	D	955
Second Initial Flow	E	252
Second Final Flow	F	461
Second Shut-in	G	950
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--



PRD Make \_\_\_\_\_  
No. \_\_\_\_\_ Cap. \_\_\_\_\_ @ \_\_\_\_\_

Press		Corrected
Initial Hydrostatic	A	
Final Hydrostatic	K	
Initial Flow	B	
Final Initial Flow	C	
Initial Shut-in	D	
Second Initial Flow	E	
Second Final Flow	F	
Second Shut-in	G	
Third Initial Flow	H	
Third Final Flow	I	
Third Shut-in	J	

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Tipperary Oil & Gas Corp.  
Operator

Davis #1  
Well Name and No.

1  
DST No.

## INCREMENTAL READING DATA

Recorder No. 11039 @ 5237'

<u>Initial Shut-in (t = 15 min)</u>		
$\theta$ (min)	$\log \frac{t + \theta}{\theta}$	Pressure (psi)
0		210
2	.929	891
4	.677	913
6	.544	927
8	.459	936
10	.398	943
12	.352	948
14	.316	951
16	.287	953
18	.263	955
20	.243	957
22	.226	959
24	.211	961
26	.198	962
28	.186	963
30	.176	964

Points Used: 7  
Extrapolated Pressure: 983 psi

<u>Final Shut-in (t = 75 min)</u>		
$\theta$ (min)	$\log \frac{t + \theta}{\theta}$	Pressure (psi)
0		476
4	1.296	886
8	1.106	913
12	.860	927
16	.755	934
20	.677	939
24	.615	943
28	.566	946
32	.524	949
36	.489	952
40	.459	954
44	.432	956
48	.409	957
52	.388	958
56	.369	959
60	.352	960

Points Used: 12  
Extrapolated Pressure: 984 psi  
Slope: 66 psi/log cycle

# Mile-Hi Testers, Inc.

## Sampler Report

Company Tipperary Oil & Gas Corp. Date 10/27/80  
Well Name & No. Davis #1 Ticket No. 192  
County Logan State Colorado  
Test Interval 5224'-5242' DST No. 1

Total Volume of Sampler: 2150 cc.

Total Volume of Sample: 1600 cc.

Pressure in Sampler: 80 psig

Oil: Trace cc.

Water: 1600 (with traces of oil) cc.

Mud: None cc.

Gas: None cu. ft.

Other: None

Sample R W - 0.8 @ 70° F = 7500 ppm. NaCl.

### Resistivity

Make Up Water 1.8 @ 110° F of Chloride Content 2000 ppm.

Mud Pit Sample 2.0 @ 70° F of Chloride Content 2800 ppm.

Gas/Oil Ratio \_\_\_\_\_ Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F

Where was sample drained On location.

Remarks: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# Mile-Hi Testers, Inc.

## Distribution of Final Reports

Tipperary Oil & Gas Corp.  
Operator

Davis #1  
Well Name and No.

Original & 8 copies: Tipperary Oil & Gas Corp., 1675 Broadway, Suite 2530,  
Denver, Colorado 80202.

1 copy: CCH Resources, Ltd., Attn: Mike Duckett, 1410 Suncor  
Tower, 500-4th Ave. S.W., Calgary, Alberta T2P 2V6.