



Phone (303) 522-2050

Mile-Hi Testers, Inc.

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Box 453
Sterling, CO 80751

NOV 18 1981

Contractor Kopco Drilling	Surface Choke 1"	COLO. OIL & GAS CONS. COMM.
Rig No. 3	Bottom Choke 3/4"	
Spot --	Hole Size 7 7/8"	
Sec. 14	Rat Hole Size --	
Twp. 3 S	DP Size & Weight 4 1/2" XH 16.60	
Rng. 64 W	Wt. Pipe --	
Field Wildcat	I.D. of DC 2 1/4"	
County Adams	Length of DC 354'	
State Colorado	Total Depth 8306'	
Elevation 5479' K.B.	Type of Test Straddle	
		Mud Type Gel
		Weight 9.7
		Viscosity 100
		Water Loss --
		Filter Cake --
		Resistivity 9.0 @ 80 OF
		510 Ppm. NaCl
		Bottom Hole Temp. 198° F

Operator
Gulf Energy Corp.
6825 E. Tennessee Ave., Suite 360
Denver, Colorado 80222

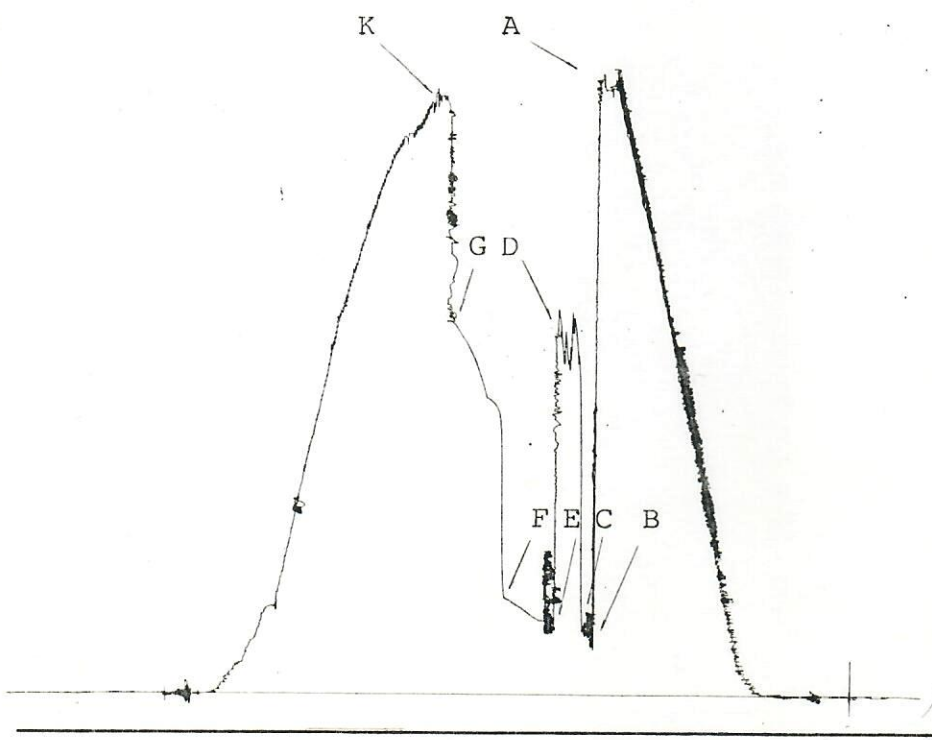
Well Name & No.
C. Lisco #14-14
Dakota
8137'-8162'

Formation
Test Interval

Opened Tool @ 15:12 hrs.
Flow No. 1 (15) 14* min.
Shut-in No. 1 (30) 30* min.
Flow No. 2 (60) 58* min.
Shut-in No. 2 (60) 61* min.
Flow No. 3 None Taken min.
Shut-in No. 3 " " min.
*Corrected

Recorder Type Kuster AK-1
No. 11041 Cap. 5250 psi
Depth 8150 feet
Inside <input checked="" type="checkbox"/> Outside <input type="checkbox"/>

Initial Hydrostatic	A	4136
Final Hydrostatic	K	4075
Initial Flow	B	321
Final Initial Flow	C	445
Initial Shut-in	D	2468
Second Initial Flow	E	436
Second Final Flow	F	673
Second Shut-in	G	2545
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--



1394' Total fluid = 16.50 bbl.

Pipe Recovery: **637'** Mud with a trace of gas = 9.05 bbl.

571' Slightly mud & gas cut water = 6.54 bbl.

186' Mud with a trace of gas = 0.91 bbl.

Top sample RW - 9.00 @ 80° F = 510 ppm. NaCl.

Middle sample RW - 0.55 @ 80° F = 9,600 ppm. NaCl.

Bottom sample RW - Too thick to check

Co. Rep. **Kary Kaltenbacher**

Tester **Dave Pickering**

Surface blow:

1st flow: Tool opened with a 1" blow, increased to a 10" blow and remained through flow period.

2nd flow: Tool opened with a slight blow, slowly increased to a 9" blow at end of flow period. No gas to surface.

Remarks: The initial shut-in pressure build-up curve is erratic, therefore that recorded pressure is not considered reliable. The pressure gauge run below the straddle indicates communications around the bottom packer seats, therefore, the actual test interval was 8137'-8306'.

DVR	
FJP	
HHM	
JAM	
JJD	
RLS	
OWM	

DST No. **2**

Ticket No. **419**

Date **10/18/81**

"MISRUN"



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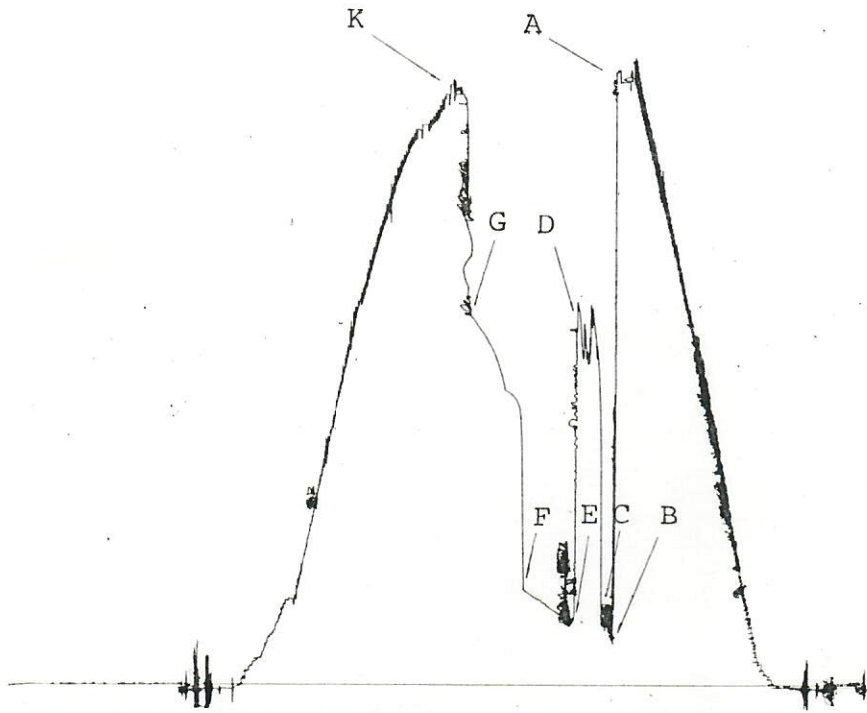
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Gulf Energy Corp.
Operator

C. Lisco #14-14
Well Name and No.

2
DST No.

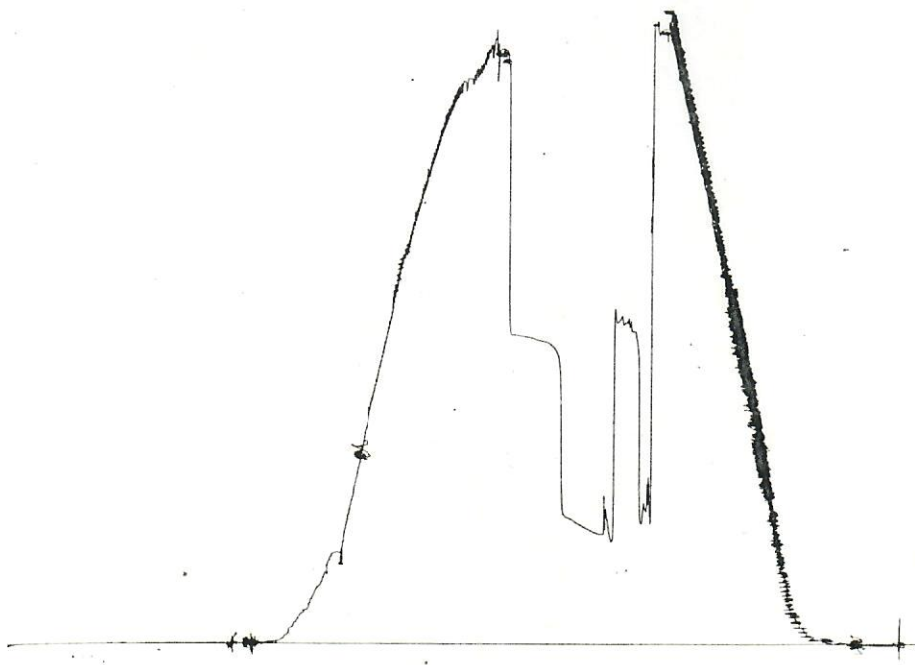


Inside Recorder

PRD Make Kuster AK-1

No. 11040 Cap. 5200 @ 8145'

	Press	Corrected
Initial Hydrostatic	A	4127
Final Hydrostatic	K	4066
Initial Flow	B	310
Final Initial Flow	C	432
Initial Shut-in	D	2432
Second Initial Flow	E	434
Second Final Flow	F	670
Second Shut-in	G	2537
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--



Outside Recorder

PRD Make Kuster AK-1

No. 11042 Cap. 5250 @ 8173'

	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	

Pressure Below Bottom Packer Bled To

Pressure chart indicates communications around the bottom packer seats.



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Well Name and No.

2
DST No.

INCREMENTAL READING DATA

Recorder No. 11041 @ 8150'

FINAL SHUT-IN

Total flow time, t = 72 min

θ (min)	$\log \frac{t + \theta}{\theta}$	Pressure (psi)
0		673
4	1.279	1854
8	1.000	1966*
12	.845	2000*
16	.740	2019*
20	.663	2035*
24	.602	2112
28	.552	2186
32	.512	2254
36	.477	2313
40	.447	2362
44	.421	2406
48	.398	2442
52	.377	2479
56	.359	2514
60	.342	2540
61	.339	2545

*Points Used: 4
 Extrapolated Pressure: 2170 psi
 Slope: 203 psi/log cycle

Remarks: Two shut-in pressure responses occurred during the final shut-in period which suggests the possibility of two porosity zones within the tested interval. The above extrapolated pressure is based upon the early portion of the shut-in pressure build-up curve. The latter portion of the shut-in pressure build-up curve has insufficient character to determine a reliable extrapolated shut-in pressure.

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Mile-Hi Testers, Inc. COLO. OIL & GAS CONS. COMM.

Sampler Report

Company Gulf Energy Corp. Date 10/18/81
 Well Name & No. C. Lisco #14-14 Ticket No. 419
 County Adams State Colorado
 Test Interval 8137'- 8162' DST No. 2

Total Volume of Sampler: 2100 cc.
 Total Volume of Sample: 1900 cc.
 Pressure in Sampler: 0 psig
 Oil: None cc.
 Water: None cc.
 Mud: 1900 cc.
 Gas: None cu. ft.
 Other: None

Resistivity

Make Up Water _____ @ _____ of Chloride Content _____ ppm.
 Mud Pit Sample 9.0 @ 80° F of Chloride Content 510 ppm.
 Gas/Oil Ratio _____ Gravity _____ °API @ _____ °F

Where was sample drained On location.

Remarks: _____

