

(30)



00416408

## FORMATION TESTERS, INC.

Lamar, CO 81052

COLO. OIL &amp; GAS CONS. COMM.

Contractor Kopco Drilling  
 Rig No. 5  
 Spot --  
 Sec. 19  
 Twp. 3 S  
 Rng. 59 W  
 Field --  
 County Adams  
 State Colorado  
 Elevation 4981' KB  
 Formation "J-2" Sand

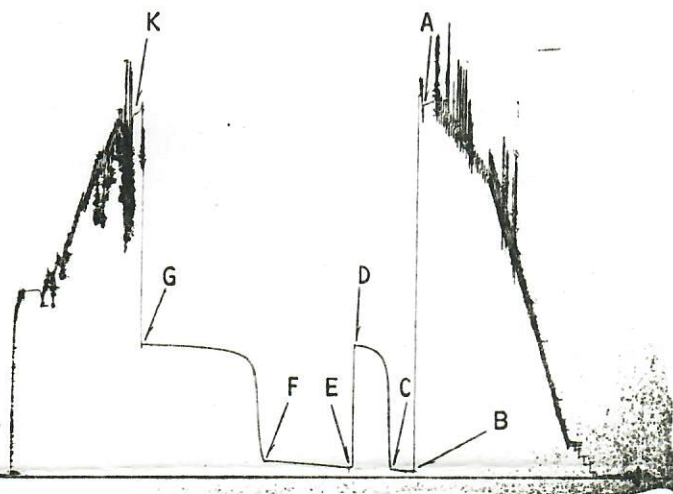
Surface Choke 1"  
 Bottom Choke 3/4"  
 Hole Size 7 7/8"  
 Core Hole Size --  
 DP Size & Wt. 4 1/2" XH 16.60  
 Wt. Pipe --  
 I.D. of DC 2 1/4"  
 Length of DC 448'  
 Total Depth 6189'  
 Type Test Conventional  
 Interval 6168' - 6189'

Mud Type --  
 Weight 9.6  
 Viscosity 59  
 Water Loss 4.8  
 Filter Cake --  
 Resistivity 3.32 @ 65 of  
1.760 Ppm. NaCl  
 B.H.T. 158 of  
 Co. Rep. Ray Pierson  
 Tester Richard Elliott

	REPORTED	CORRECTED
Opened Tool @	17:55	hrs.
Flow No. 1	15	17 min.
Shut-in No. 1	30	27 min.
Flow No. 2	60	66 min.
Shut-in No. 2	90	91 min.
Flow No. 3	None Taken	min.
Shut-in No. 3	"	" min.

Recorder Type Kuster AK-1  
 No. 11073 Cap. 6450 psi  
 Depth 6186 feet  
 Inside Outside X

Initial Hydrostatic	A	3105
Final Hydrostatic	K	3019
Initial Flow	B	44
Final Initial Flow	C	57
Initial Shut-in	D	1097
Second Initial Flow	E	81
Second Final Flow	F	131
Second Shut-in	G	1100
Third Initial Flow	H	
Third Final Flow	I	
Third Shut-in	J	



## Pipe Recovery:

210' Total fluid = 1.03 bbl.  
 90' Muddy water = 0.44 bbl.  
 60' Muddy water with oil spots = 0.29 bbl.  
 60' Muddy water = 0.29 bbl.

Top sample R W: 2.02 @ 73.3°F (2,645 ppm NaCl., 1,608 ppm Cl.)  
 Middle sample R W: 1.41 @ 84.6°F (3,363 ppm NaCl., 2,044 ppm Cl.)  
 Bottom sample R W: 1.13 @ 82.2°F (4,370 ppm NaCl., 2,656 ppm Cl.)

## Surface blow:

1st flow:

Tool opened with a very weak blow, increased to 1 1/2" at end of flow period.

2nd flow:

Tool opened with a weak blow, increased to 1 1/2" at end of flow period.

Operator  
Ticket No.

Lewis &amp; Clark Exploration Co.

Well Name & No.  
Location  
County, StateUP-Amoco-Cowell #19-9  
S-19 T-3S R-59W  
Adams County, ColoradoDST No.  
Interval  
Formation2  
6168' - 6189'  
"J-2" Sand



## FORMATION TESTERS, INC.

RECEIVED  
Box 427  
Lamar, CO 81052  
1985

Contractor Kopco Drilling  
Rig No. 5  
Spot --  
Sec. 19  
Twp. 3 S  
Rng. 59 W  
Field --  
County Adams  
State Colorado  
Elevation 4981' KB  
Formation "J-2" Sand

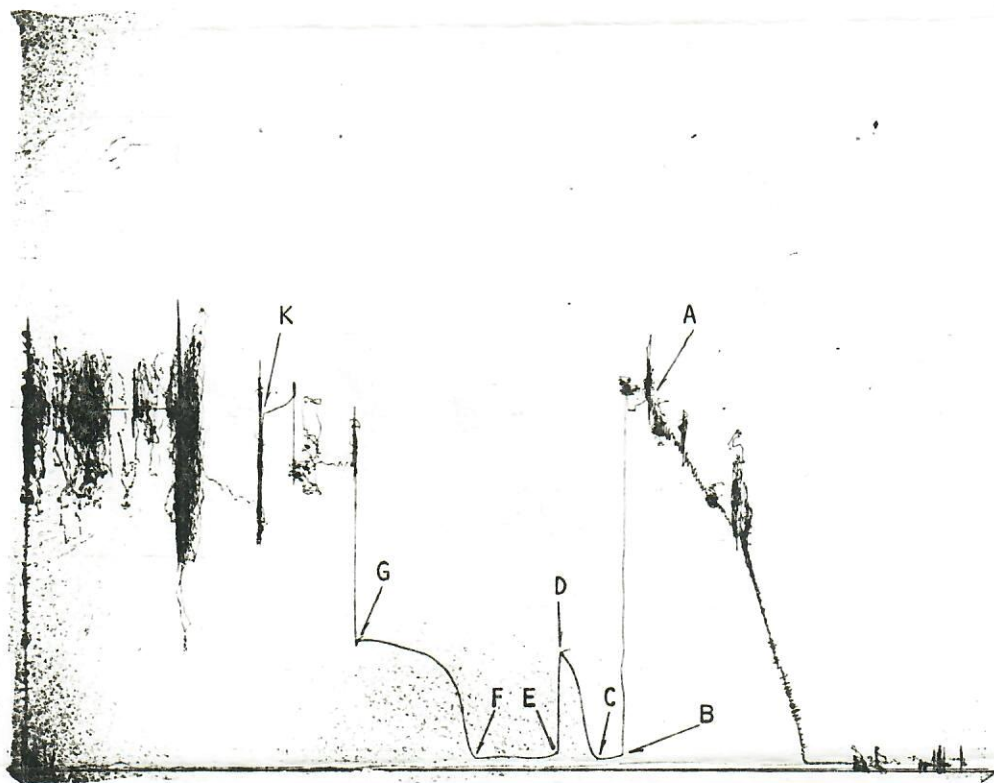
Surface Choke 1"  
Bottom Choke 3/4"  
Hole Size 7 7/8"  
Core Hole Size --  
DP Size & Wt. 4 1/2" XH 16.60  
Wt. Pipe --  
I.D. of DC 2 1/4"  
Length of DC 297'  
Total Depth 6384'  
Type Test Straddle  
Interval 6193'- 6214'

Mud Type --  
Weight 9.7  
Viscosity 75  
Water Loss 5.6  
Filter Cake --  
Resistivity 8.81@ 52.8 of  
768 Ppm. NaCl  
B.H.T. 164 of  
Co. Rep. Ray Pierson  
Tester Richard Elliott

	REPORTED	CORRECTED
Opened Tool @	19:35	hrs.
Flow No. 1	15	17 min.
Shut-in No. 1	30	29 min.
Flow No. 2	60	63 min.
Shut-in No. 2	90	89 min.
Flow No. 3	None Taken	min.
Shut-in No. 3	"	" min.

Recorder Type Kuster AK-1  
No. 11074 Cap. 6650 psi  
Depth 6205 feet  
Inside X Outside

Initial Hydrostatic	A	3129
Final Hydrostatic	K	3077
Initial Flow	B	89
Final Initial Flow	C	50
Initial Shut-in	D	980
Second Initial Flow	E	111
Second Final Flow	F	65
Second Shut-in	G	1099
Third Initial Flow	H	
Third Final Flow	I	
Third Shut-in	J	



Pipe Recovery: 335' Gas above fluid  
35' Muddy water with a slight show of oil = 0.17 bbl.

Top sample R W: 2.15 @ 63.7°F (2,834 ppm NaCl., 1,723 ppm Cl.)  
Bottom sample R W: 2.88 @ 62.7°F (2,115 ppm NaCl., 1,285 ppm Cl.)

Surface blow:  
1st flow: Tool opened with a weak blow, increased to 4 1/4" at end of flow period.  
2nd flow: Tool opened with a very weak blow, increased to 2 3/4" in 25 minutes; decreased to 1 1/4" in 45 minutes and to 1/2" at end of flow period.

Operator Lewis & Clark Exploration Co.  
Ticker No. 1/18/85  
Date 1/18/85  
Well Name & No. UP-Amoco-Cowell #19-9  
Location S-19 T-35 R-59W  
County, State Adams County, Colorado  
DST No. 3  
Interval 6193' - 6214'  
Formation "J-2" Sand