

CONFIDENTIAL

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## LIBERTY TESTERS, INC.

P.O. Box 1454  
Sterling, CO 80751

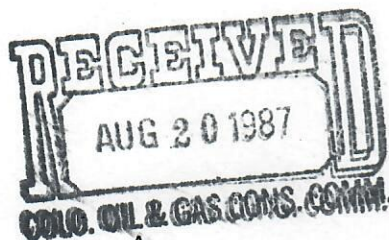
Contractor Gear Drilling Co.  
Rig No. 2  
Spot NE/SE  
Sec. 32  
Twp. 2 N  
Rng. 53 W  
Field Wildcat  
County Washington  
State Colorado  
Elevation 4648' KB  
Formation "J" Massive

Surface Choke 3/8"  
Bottom Choke 3/4"  
Hole Size 7 7/8"  
Core Hole Size --  
DP Size & Wt. 4 1/2" 16.60  
Wt. Pipe None  
I.D. of DC 2 1/4"  
Length of DC 347'  
Total Depth 4947'  
Type Test Straddle  
Interval 4861' - 4875'

Mud Type --  
Weight 9.8  
Viscosity 68  
Water Loss --  
Filter Cake --  
Resistivity 2.03 @ 79 °F  
2,448 Ppm. NaCl  
B.H.T. 129 °F  
Co. Rep. Neal LaFon  
Tester Derrell Suter

Operator R.E. HIBBERT & PATRICK A. DOHENY  
Ticket No. 1930  
Date 7/17/87  
Well Name & No. GEBAUER #1  
Location NE/SE S-32 T-2N R-53W  
County, State WASHINGTON COUNTY, CO  
Interval 4861' - 4875'  
Formation "J" MASSIVE  
DST No. 1

SCANNED



	REPORTED	CORRECTED
Opened Tool @	07:10	hrs.
Flow No. 1	5	3 min.
Shut-In No. 1	30	28 min.
Flow No. 2	90	87 min.
Shut-In No. 2	30	32 min.
Flow No. 3	None Taken	min.
Shut-In No. 3	"	" min.

Recorder Type Kuster AK-1  
No. 13483 Cap. 7000 psi  
Depth 4870 feet  
Inside Clock  
Outside X Range 12 hrs.

Initial Hydrostatic	A	2836.4
Final Hydrostatic	K	2677.3
Initial Flow	B	217.7
Final Initial Flow	C	223.7
Initial Shut-In	D	912.6
Second Initial Flow	E	325.2
Second Final Flow	F	752.6
Second Shut-In	G	905.8
Third Initial Flow	H	
Third Final Flow	I	
Third Shut-In	J	

## Pipe Recovery:

2600' Gas above fluid  
1714' Total fluid = 21.11 bbl., Consisting of:  
92' Oil = 1.31 bbl. (gravity: 28.0° API @ 60° F)  
92' Mud cut oil = 1.31 bbl.  
30' Water cut mud = 0.43 bbl.  
1500' Gas cut water = 18.07 bbl.

## Resistivity:

Top: 2.61 @ 80°F - 1.67 @ Res Temp = 1,856 ppm NaCl., 1,128 ppm Cl.  
Middle: 2.69 @ 80°F - 1.72 @ Res Temp = 1,798 ppm NaCl., 1,093 ppm Cl.  
Bottom: 2.70 @ 80°F - 1.73 @ Res Temp = 1,791 ppm NaCl., 1,089 ppm Cl.

1st Flow: Tool opened with a good blow, increased to bottom of bucket at end of flow period.

2nd Flow: Tool opened with a good blow, increased to bottom of bucket in 5 minutes, 2.0 psi in 15 minutes, 2.25 psi in 30 minutes; began to decrease after 40 minutes to 1.0 psi in 45 minutes, 13.5 oz in 60 minutes and to 10.0 oz at end of flow period.