



## Fluid Sample Report

Date 1-3-92 Ticket No. 17740  
Company Frederick Energy  
Well Name & No. Donna Camp 534.1 DST No. 2  
County DeWitt State Colo.  
Sampler No. 200 Test Interval 5340 - 5358

Pressure in Sampler 90 PSIG BHT 144 OF

Total Volume of Sampler 3150 cc.  
Total Volume of Sample: 2900 cc.  
Oil: \_\_\_\_\_ cc.  
Water: 2900 cc.  
Mud: \_\_\_\_\_ cc.  
Gas: 14.30 cu. ft.  
Other: \_\_\_\_\_

## Resistivity

Water: 0.54 @ 60° of Chloride Content 13,200 ppm.  
Mud Pit Sample 3.0 @ 65° of Chloride Content 1,980 ppm.  
Gas/Oil Ratio \_\_\_\_\_ Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ OF

Where was sample drained On location

Remarks:

BEST IMAGE  
AVAILABLE





WESTERN TESTING CO., INC.  
FORMATION TESTING

P. 81

P. O. BOX 1599 PHONE (316) 262-5861  
WICHITA, KANSAS 67201

TICKET No 17740

Elevation 3801 K.B. Formation Keys Eff. Pay.     

District Garden City Date 1-3-92 Customer Order No.     

COMPANY NAME Freedom Energy  
ADDRESS 2219 W. 32nd Ave Denver, Colo 80211

LEASE AND WELL NO Deer Camp 534-1 COUNTY Probers STATE Colo Sec. 34 Twp. 25S Rge. 434

Mail Invoice To Freedom Energy Co. Name Same Address      No. Copies Requested Reg

Mail Charts To Freedom Energy Co. Name Same Address      No. Copies Requested Reg

Formation Test No. 2 Interval Tested From 5340 ft. to 5358 ft. Total Depth 5422 ft.

Packer Depth 5335 ft. Size 6 5/8 in. Packer Depth 5358 ft. Size 6 5/8 in.

Packer Depth 5340 ft. Size 6 5/8 in. Packer Depth      ft. Size      in.

Depth of Selective Zone Set     

Top Recorder Depth (Inside) 5343 ft. Recorder Number 3849 Cap 4200

Bottom Recorder Depth (Outside) 5346 ft. Recorder Number 2604 Cap 4150

Below Straddle Recorder Depth 5419 ft. Recorder Number 2605 Cap 4150

Drilling Contractor Murphy 22 Drill Collar Length 536 I. D. 2 1/4 in.

Mud Type Chemical Viscosity 51 Weight Pipe Length      I. D.      in.

Weight 9.14 Water Loss 8.8 cc. Drill Pipe Length 4772 I. D. 3.8 in.

Chlorides 1200 P.P.M. Test Tool Length 92 ft. Tool Size 5 1/2 in.

Jars: Make W.T.G. Serial Number 421 Anchor Length 18 ft. Size 5 1/2 in.

Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 x 1 1/4 in.

Blow: Very weak, Built to 7" in Bucket 15 min T.E  
Very weak to strong "Bottom of Bucket in 26 min T.E

Recovered 30 ft. of Gas cut water, mud

Recovered 845 ft. of Gassy water R.W. 0.54 at 60°F 13,200 P.P.M

Recovered      ft. of     

Recovered      ft. of     

Recovered      ft. of     

Chlorides      P.P.M. Sample Jars used      Remarks: Total Eluid Rec. 875'  
Tail pipe = 58' of 6 5/8" 6' of 5 1/2" total = 64'

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

BEST IMAGE  
AVAILABLE

Test Approved By [Signature]  
Signature of Customer or his authorized representative

FIELD INVOICE

Open Hole Test ✓ \$ 650.00  
Misrun      \$       
Straddle Test ✓ \$ 150.00  
Jars ✓ \$ 225.00  
Selective Zone      \$       
Safety Joint ✓ \$ 25.00  
Standby      \$       
Evaluation      \$       
Extra Packer ✓ \$ 150.00  
Circ. Sub ✓ \$       
Mileage      \$       
Fluid Sampler ✓ \$ 250.00