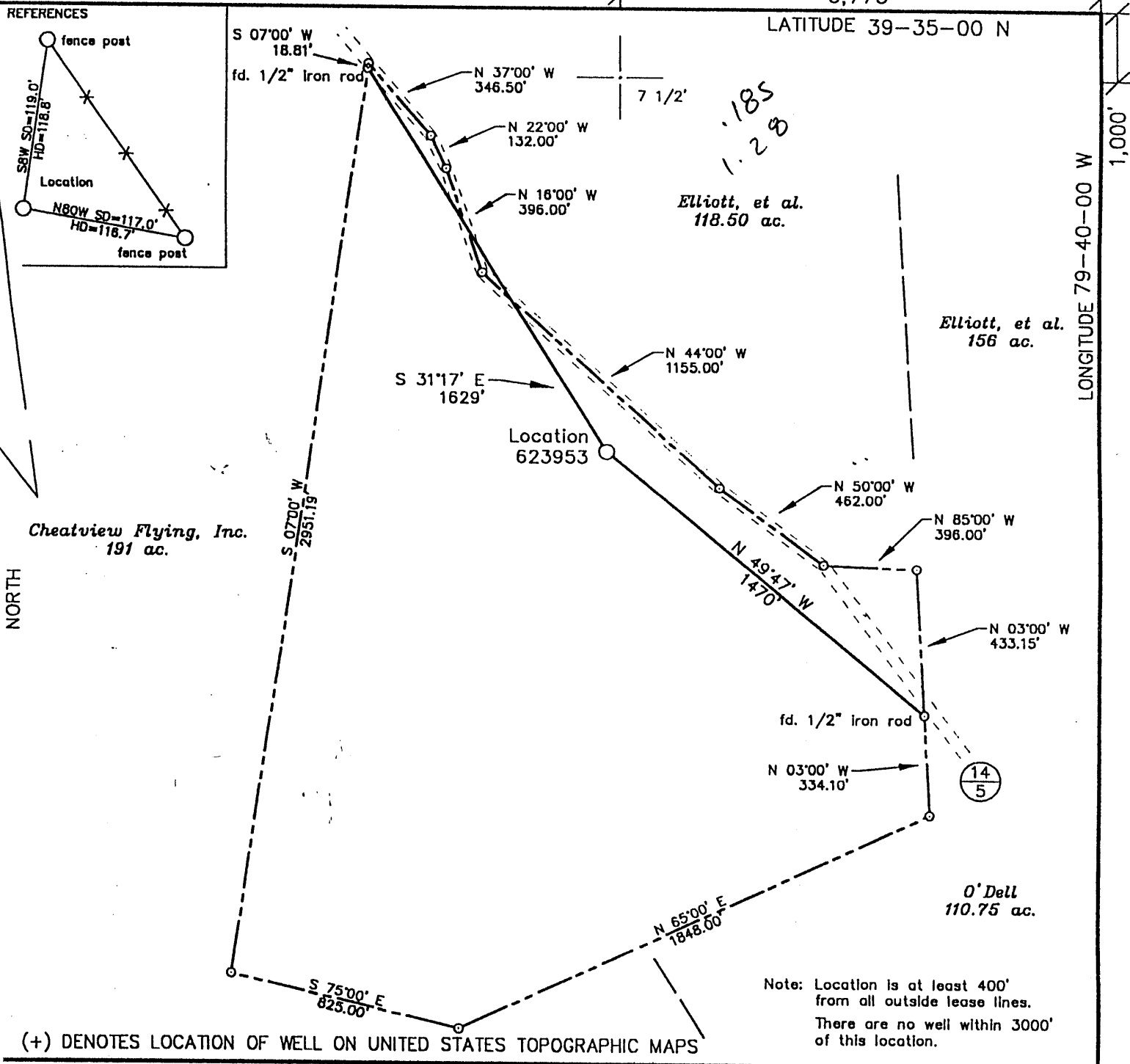


FORM WW-6



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. \_\_\_\_\_  
 DRAWING NO. 1  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION Road Intersection 2,100' SE of location El. 2056'

I THE UNDERSIGNED, HERBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.  
 (SIGNED) \_\_\_\_\_  
 R.P.E. \_\_\_\_\_ L.L.S. 791

STATE OF WEST VIRGINIA  
 Division of Environmental Protection  
 OFFICE OF OIL AND GAS

DATE July 12, 1999  
 OPERATOR'S WELL NO. 623953  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS") PRODUCTION X STORAGE \_\_\_ DEEP X SHALLOW \_\_\_  
 LOCATION: ELEVATION 2051' WATER SHED Conner Run

DISTRICT Pleasant COUNTY Preston  
 QUADRANGLE Valley Point

SURFACE OWNER Charles and Maxine Howdershelt ACREAGE 109.00  
 OIL & GAS ROYALTY OWNER Charles and Maxine Howdershelt LEASE ACREAGE 109.00

LEASE NO. 1213707  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION Helderberg ESTIMATED DEPTH 9,000'  
 WELL OPERATOR Columbia Natural Resources, Inc. DESIGNATED AGENT W. A. Watson, Jr.  
 ADDRESS P.O. Box 6070, Charleston, WV 25362 ADDRESS P.O. Box 6070, Charleston, WV 25362

COUNTY NAME PRE  
 PERMIT D 330

DEEP WELL

1-1 000

WR-35  
RECEIVED  
APR 26 2000  
WV Division of Environmental Protection

REVISED

DATE: 10-SEP-99  
API #: 47-77-00320

State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas

Reviewed *[Signature]*

Well Operator's Report of Well Work

Farm name: HOWDERSHELT, CHAS. & MAXINE Operator Well No.: 623953

LOCATION: Elevation: 2,051.00 Quadrangle: VALLEY POINT

District: PLEASANT County: Preston  
Latitude: 1000 Feet S of 39 Deg. 35 Min. 0 Sec.  
Longitude 6775 Feet W of 79 Deg. 40 Min. 0 Sec.

Company: COLUMBIA NATURAL RESOURCES

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: Rt. 1, Box 107-10	11-3/4	325	325	CTS
Buckhannon, WV 26201	8-5/8	3133	3133	CTS
Agent: R. Mark Hackett	4-1/2	8215	8215	655 SXS
Inspector: Phil Tracy				
Date Permit Issued: 09/10/99				
Date Well Work Commenced: 10/13/99				
Date Well Work Completed: 04/03/00				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig				
Total Depth (feet): 8293				
Fresh Water depths (ft): 60				
Salt water depths (ft): None				
Is coal being mined in area (Y/N)? N				
Coal Depths (ft): <u>106-112, 451-478</u>				

OPEN FLOW DATA

Producing formation Chert Pay zone depth (ft) 7878-7984  
Gas: Initial open flow 0 MCF/d Oil: Initial open flow n/a Bbl/d  
Final open flow 119 MCF/d Final open flow n/a Bbl/d  
Time of open flow between initial and final tests 4 Hours  
Static rock Pressure 2200 psig (surface pressure) after 72 Hours

Second producing formation Bradford/Ben. Pay zone depth (ft) 3608-4834  
Gas: Initial open flow 0 MCF/d Oil: Initial open flow n/a Bbl/d  
\*\* Final open flow 335 MCF/d Final open flow n/a Bbl/d  
Time of open flow between initial and final tests 4 Hours  
\*\* Static rock Pressure 940 psig (surface pressure) after 72 Hours  
\*\* Comingled

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: COLUMBIA NATURAL RESOURCES, INC.  
By: *R. Mark Hackett*  
Date: 4/20/2000

APR 28 2000

plot in 911299 batch  
2/18/2000

PRE 0320



WR-35

RECEIVED  
Office of Oil & Gas  
Permitting  
JAN 10 2000  
WV Division of  
Environmental Protection

DATE: 10-SEP-99  
API #: 47-77-00320

State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas

Reviewed K

Well Operator's Report of Well Work

Farm name: HOWDERSHELT, CHAS. & MAXINE Operator Well No.: 623953

LOCATION: Elevation: 2,051.00 Quadrangle: VALLEY POINT

District: PLEASANT County: Preston

Latitude: 1000 Feet S of 39 Deg. 35 Min. 0 Sec.

Longitude: 6775 Feet W of 79 Deg. 40 Min. 0 Sec.

Company: COLUMBIA NATURAL RESOURCES

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: Rt. 1, Box 107-10	11-3/4	325	325	CTS
Buckhannon, WV 26201	8-5/8	3133	3133	CTS
Agent: R. Mark Hackett	4-1/2	8215	8215	180 SXS
Inspector: Phil Tracy				
Date Permit Issued: 09/10/99				
Date Well Work Commenced: 10/13/99				
Date Well Work Completed: 11/30/99				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig				
Total Depth (feet): 8293				
Fresh Water depths (ft): 60				
Salt water depths (ft): None				
Is coal being mined in area (Y/N)? N				
Coal Depths (ft): 106-112, 451-478				

OPEN FLOW DATA

Producing formation Chert Pay zone depth (ft) 7878-7984  
 Gas: Initial open flow 0 MCF/d Oil: Initial open flow n/a Bbl/d  
 Final open flow 119 MCF/d Final open flow n/a Bbl/d  
 Time of open flow between initial and final tests 4 Hours  
 Static rock Pressure 2200 psig (surface pressure) after 72 Hours

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
 Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
 Time of open flow between initial and final tests \_\_\_\_\_ Hours  
 Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: COLUMBIA NATURAL RESOURCES, INC.

By: R. Mark Hackett

Date: 01/06/2000

FEB 18 2000

PRE 0320

