

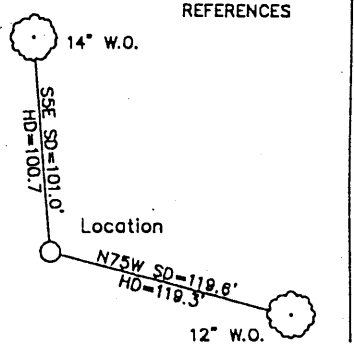
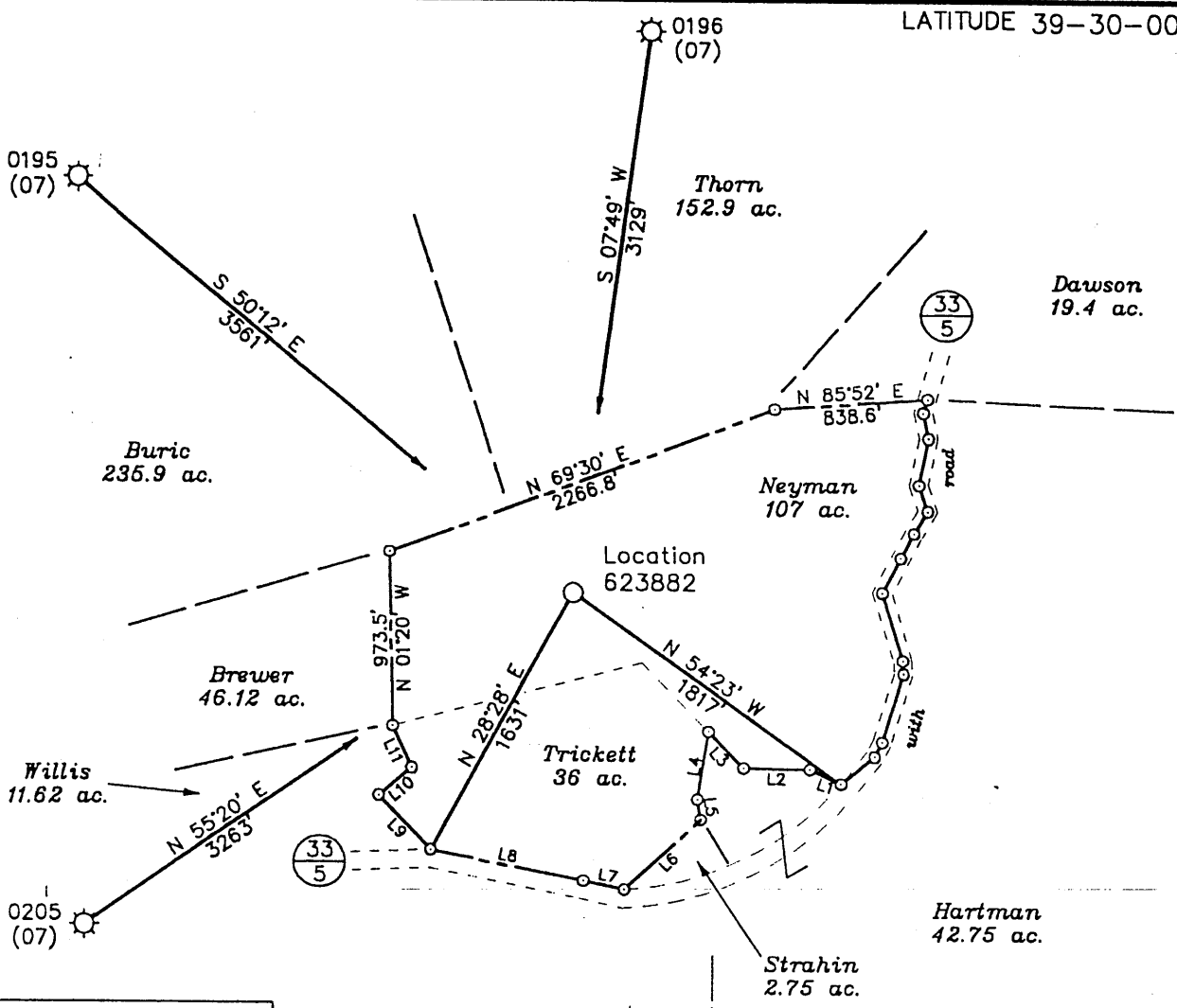
6,725'

LATITUDE 39-30-00 N

LONGITUDE 79-50-50 W

11,175'

NORTH



Note: Location is at least 400' from all outside lease lines. All wells within 3000' of this location are shown on this plat.

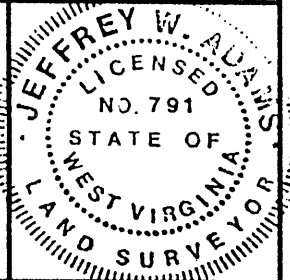
NUMBER	DIRECTION	DISTANCE
L1	N 69°30' W	214.5'
L2	N 89°00' W	363.0'
L3	N 44°30' W	280.5'
L4	S 09°00' W	379.5'
L5	S 09°00' E	115.5'
L6	S 47°00' W	569.2'
L7	N 78°00' W	231.0'
L8	N 78°45' W	858.0'
L9	N 44°00' W	429.0'
L10	N 50°00' E	239.3'
L11	N 25°00' W	255.7'

2129  
1.27w

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

FILE NO. \_\_\_\_\_  
 DRAWING NO. 1  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION Road junction 3200' SW of location: elev. 1873'

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) Jeffrey W. Adams  
 R.P.E. \_\_\_\_\_ L.L.S. 791



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

DATE June 6, 1999  
 OPERATOR'S WELL NO. 623882  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP X SHALLOW \_\_\_

LOCATION: ELEVATION 1737' WATER SHED Brains Creek  
 DISTRICT Lyon COUNTY Preston  
 QUADRANGLE Newburg 7 1/2'

SURFACE OWNER Charles T. Neyman, et ux. ACREAGE 101.356  
 OIL & GAS ROYALTY OWNER Charles T. Neyman, et ux. LEASE ACREAGE 107  
 LEASE NO. 7005166

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) 6-6 313

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION Huntersville Chert ESTIMATED DEPTH 8000'  
 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 PERMIT 0319

AUG 02 1999

DEEP WELL

WR-35

RECEIVED  
Office of Oil & Gas  
Permitting

JAN 10 2000

WV Division of  
Environmental Protection

State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas  
Well Operator's Report of Well Work

26-Jul-99  
API # 47-77-00319

Reviewed K

Farm name: NEYMAN, CHARLES T Operator Well No.: 623882

LOCATION: Elevation: 1,737.00 Quadrangle: NEWBURG

District: LYON County: PRESTON  
Latitude: 11175 Feet South of 39 Deg. 30 Min. 0 Sec.  
Longitude 6725 Feet West of 79 Deg. 50 Min. 0 Sec.

Company: COLUMBIA NATURAL RESOURCES  
P.O. BOX 6070  
CHARLESTON, WV 25362-0000

Agent: MARK HACKETT

Inspector: PHILLIP TRACY  
Permit Issued: 07/26/99  
Well work Commenced: 09/01/99  
Well work Completed: 10/26/99  
Verbal Plugging  
Permission granted on:  
Rotary X Cable \_\_\_\_\_ Rig  
Total Depth (feet) 7794  
Fresh Water depths (ft) 45,105, 515

Casing & Tubing	Used in Drilling	Left In Well	Cement Fill Up Cu. Ft.
Size 11-3/4	340	340	CTS 160 SXS
8-5/8"	3048	3048	CTS 865 SXS
4-1/2"	7792	7792	165 SXS

Salt water depths (ft) None

Is coal being mined in area (Y/N)? N  
Coal Depths (ft): None

OPEN FLOW DATA

Producing formation Chert Pay zone depth (ft) 7556-7675  
Gas: Initial open flow 0 MCF/d Oil: Initial open flow N/A Bbl/d  
Final open flow 698 MCF/d Final open flow N/A Bbl/d  
Time of open flow between initial and final tests 4 Hours  
Static rock Pressure 2750 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.

For: COLUMBIA NATURAL RESOURCES

By: R. Mark Hackett  
Date: 01/06/2000

PRE 0319

FEB 16 2000

