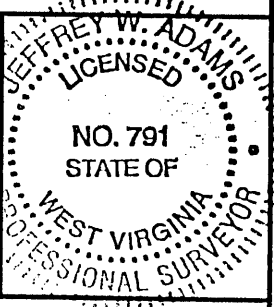


2.69  
50.0

(+) 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  
4900' NW of location El. 1834

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 July 31, 2000, 2000  
 OPERATOR'S WELL NO. 623720  
 API WELL NO. \_\_\_\_\_

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

LOCATION: ELEVATION 1736 WATER SHED Laurel Run  
 DISTRICT Clinton COUNTY Monongalia  
 QUADRANGLE Cladesville

SURFACE OWNER John William Brown, III, et ux. ACREAGE 57.5  
 OIL & GAS ROYALTY OWNER John William Brown, III, et ux. LEASE ACREAGE 102  
 LEASE NO. 7004097

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) \_\_\_\_\_

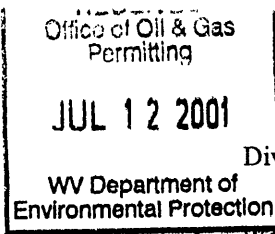
PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION Huntersville Chert ESTIMATED DEPTH 7950  
 WELL OPERATOR Columbia Natural Resources, Inc. DESIGNATED AGENT W. A. Watson, Jr.  
 ADDRESS P.O. Box 6070, Charleston, WV 25362 ADDRESS P.O. Box 6070, Charleston, WV 25362

COUNTY NAME MONO  
 PERMIT 1397

DEEP WELL

6-6 313

DEC 8 2000



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

Reviewed \_\_\_\_\_

Well Operator's Report of Well Work

Farm name: BROWN, JOHN W. & SHARLEA Operator Well No.: 623720

LOCATION: Elevation: 1736 Quadrangle: GLADESVILLE

District: CLINTON County: Monongalia  
Latitude: 14,200 Feet South of 39 Deg. 30 Min. 00 Sec.  
Longitude 250 Feet West of 79 Deg. 55 Min. 00 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	317	317	150 SXS
Buckhannon, WV 26201	8-5/8	2921	2921	765 SXS
Agent: R. Mark Hackett	4-1/2	7768	7768	175 SXS
Inspector: Randal Mick				
Date Permit Issued: 12/12/2000				
Date Well Work Commenced: 05/25/01				
Date Well Work Completed: 06/28/01				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Depth (feet): 7780				
Fresh Water depths (ft): 100, 245				
Salt water depths (ft): 2290				
Is coal being mined in area (Y/N)? N				
Coal Depths (ft): 36, 54				

OPEN FLOW DATA

Producing formation Chert Pay zone depth (ft) 7464-7674  
 Gas: Initial open flow 0 MCF/d Oil: Initial open flow N/A Bbl/d  
 Final open flow 5075 MCF/d Final open flow N/A Bbl/d  
 Time of open flow between initial and final tests 4 Hours  
 Static rock Pressure 3450 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: [Signature]  
Date: 07/19/2001

JUL 20 2001

Memo 1347

