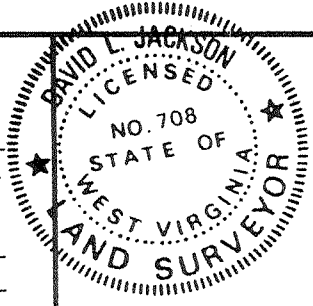


Note: Location is at least 400' from all outside lease lines. All wells within 3000' of this location are shown on this plat.

(+) 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 Spot elevation 2200'
East of location EL. 2515'

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) David L Jackson
 R.P.E. _____ L.L.S. 708



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

DATE July 26, 1999
 OPERATOR'S WELL NO. 623925
 API WELL NO. _____

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

LOCATION: ELEVATION 2181' WATER SHED South Fork Lunice Creek
 DISTRICT Union COUNTY Grant
 QUADRANGLE Blackbird Knob

SURFACE OWNER Timothy Gardner, et al. ACREAGE 48.5
 OIL & GAS ROYALTY OWNER Timothy Gardner, et al. LEASE ACREAGE 125
 LEASE NO. 1203548

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 Oriskany ESTIMATED DEPTH 8,150'
 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 GRA
 PERMIT 0033

DEEP WELL

6-6370

NOV 8 1999

WR-35
 APR 26 2000
 WV Division of Environmental Protection

DATE: 01-Nov-99
 API #: 47-23-00033

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

Reviewed ALB

Well Operator's Report of Well Work

Farm name: GARDNER, TIMOTHY & THOMAS Operator Well No.: 623925

LOCATION: Elevation: 2,181.00 Quadrangle: BLACKBIRD KNOB

District: UNION County: Grant
 Latitude: 7875 Feet South of 39 Deg. 7 Min. 30 Sec.
 Longitude 3250 Feet West of 79 Deg. 15 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	295	295	CTS
Buckhannon, WV 26201	8-5/8	3321	3321	CTS
Agent: R. Mark Hackett	4-1/2	8192	8192	175 SXS
Inspector: Phil Tracy				
Date Permit Issued: 11/01/99				
Date Well Work Commenced: 11/29/99				
Date Well Work Completed:				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig				
Total Depth (feet): 8248				
Fresh Water depths (ft): 434				
Salt water depths (ft): None				
Is coal being mined in area (Y/N)? N				
Coal Depths (ft): None				

OPEN FLOW DATA

Producing formation Oriskany Pay zone depth (ft) 7930.5 - 7990
 Gas: Initial open flow 223 MCF/d Oil: Initial open flow n/a Bbl/d
 Final open flow 516 MCF/d Final open flow n/a Bbl/d
 Time of open flow between initial and final tests 4 Hours
 Static rock Pressure 1450 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: 4/20/2000

APR 28 2000

GRANT 0033

