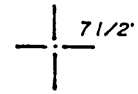


2,525'

LONGITUDE 79-50-00 W

5,875'

1.115  
480



Sisler  
101,022 Ac.

Hendershrou, Inc.  
22.5 Ac.

Turner  
11,679 Ac.

102  
(07)

N70-22W  
3319'

N85-45E  
840.00'

S32-40E  
840.00'

Location  
No. 912120

N24-00W  
11,352.00'

L1

S62-00W  
465.00'

fd. 1/2" iron rod

N06-47W  
662'

L2

N15-30W  
335.30'

L4

L3

fd. 1/2" iron rod

(29)

(29)

Line Table:

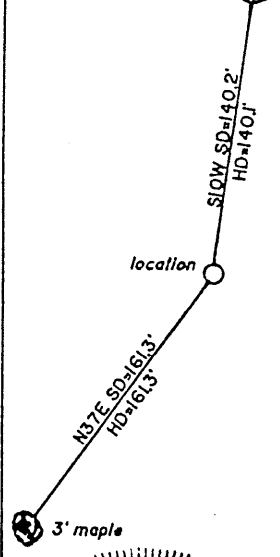
- L1 N13-21E 240'
- L2 S17-30E 444'
- L3 S85-15W 260'
- L4 S89-10W 200'

Note: Well is at least 400'  
from all outside lease lines.

Note: All wells within 2,400' of  
this location are shown on this plat.

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

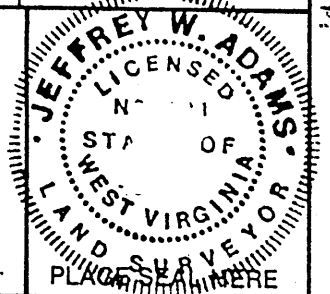
REFERENCES 4' R.O.



FILE NO. \_\_\_\_\_  
 DRAWING NO. 1  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF  
 ACCURACY 1 in 200  
 PROVEN SOURCE OF  
 ELEVATION Road Intersection 600'  
south of location El. 1844'

I THE UNDERSIGNED, HEREBY CERTIFY THAT  
 THIS PLAT IS CORRECT TO THE BEST OF MY  
 KNOWLEDGE AND BELIEF AND SHOWS ALL THE  
 INFORMATION REQUIRED BY LAW AND THE REGU-  
 LATIONS ISSUED AND PRESCRIBED BY THE DEPART-  
 MENT OF ENERGY.

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



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



DATE September 18, 1998

OPERATOR'S WELL NO. 912120

API WELL NO. \_\_\_\_\_

47 - 077 - 00318  
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1859' WATERSHED Stony Run

DISTRICT Valley COUNTY Preston

QUADRANGLE Newburg 7 1/2'

SURFACE OWNER Jack R. Wilson, et ux. ACREAGE 23.05

OIL & GAS ROYALTY OWNER Cora A. Wilson, et vir. LEASE ACREAGE 23.27

LEASE NO. 7004378

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 9000'

WELL OPERATOR Alamco, Inc. DESIGNATED AGENT R. Mark Hackett

ADDRESS Rt. 1 Box 107-10, Buckhannon, WV 26201 ADDRESS Rt. 1 Box 107-10, Buckhannon, WV 26201

OCT 26 1998

COUNTY NAME PRE  
PERMIT 0318

FORM WW-8

WR-35

API # 47 - 077-00318

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

Well Operator's Report of Well Work

Farm name: Holmes "B" Unit #4

Operator Well No.: 2120

LOCATION: Elevation: 1859.00      Quadrangle: Newburg  
District: VALLEY                      County: PRESTON  
Latitude: 5875                      Feet South of 39      Deg. 30 Min. 0 Sec.  
Longitude: 2525                      Feet West of 79      Deg. 50 Min. 0 Sec.

Company: COLUMBIA NATURAL RESOURCES  
RR 1, BOX 107-10  
BUCKHANNON, WV 26201-0000

Agent: MARK HACKETT  
Inspector: PHILLIP TRACY  
Permit Issued: 10/22/98  
Well work Commenced: 11/08/98  
Well work Completed: 11/22/98  
Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary  Cable \_\_\_\_\_ Rig  
Total Depth (ft) 7907  
Fresh Water Depths (ft) 47, 350  
Salt Water Depths (ft) None

Casing & Tubing	Used In Drilling	Left In Well	Cement Fill Up Cu. Ft.
Size			
11-3/4"	324'	324'	CTS 150 SXS
8-5/8"	3235'	3235'	905 SXS
4 -1/2"	7885'	7885'	360 SXS
2- 3/8"	7676'	7676'	N/A

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

OPEN FLOW DATA

Producing formation Huntersville Chert      Pay zone depth (ft) 7700-7763  
Gas: Initial open flow 0 MCF/d      Oil: 0 Initial open flow 0 Bbl/d  
Final open flow 1560 MCF/d      Final open flow 0 Bbl/d  
Time of open flow between initial and final tests 4 Hours  
Static rock pressure 2775 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.

RECEIVED  
Office of Oil & Gas  
Permitting

JAN 07 1999

WV Division of  
Environmental Protection

For: COLUMBIA NATURAL RESOURCES - ALAMCO

By: R Mark Hackett  
Date: 1/4/99

JAN 19 1999

PRE 0318

