



Surface owner for gas - Fred's Choice Act
116 Mainline Rd. Dubo 26301

New Location <input checked="" type="checkbox"/> Drill Deeper <input type="checkbox"/> Abandonment <input type="checkbox"/>	Minimum Error of Closure <u>ONE PART IN 200</u> Source of Elevation <u>E.S.C. PLUGGED WELL 3125 ELEV 3115</u> I, the undersigned, hereby certify that this map is correct to the best of my knowledge and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.
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County	Union	Tax	893
Section	15	Range	75
Drill			
Well (Farm) No.			
Elevation (Spirit Level)			
Quadrangle	CLARKSBURG 15	Wallace 75	
County	HARRISON	Driller	EAGLE
Engineer	David S. [unclear]		
Engineer's Registration No.	120		
File No.			
Date	1-11-51		

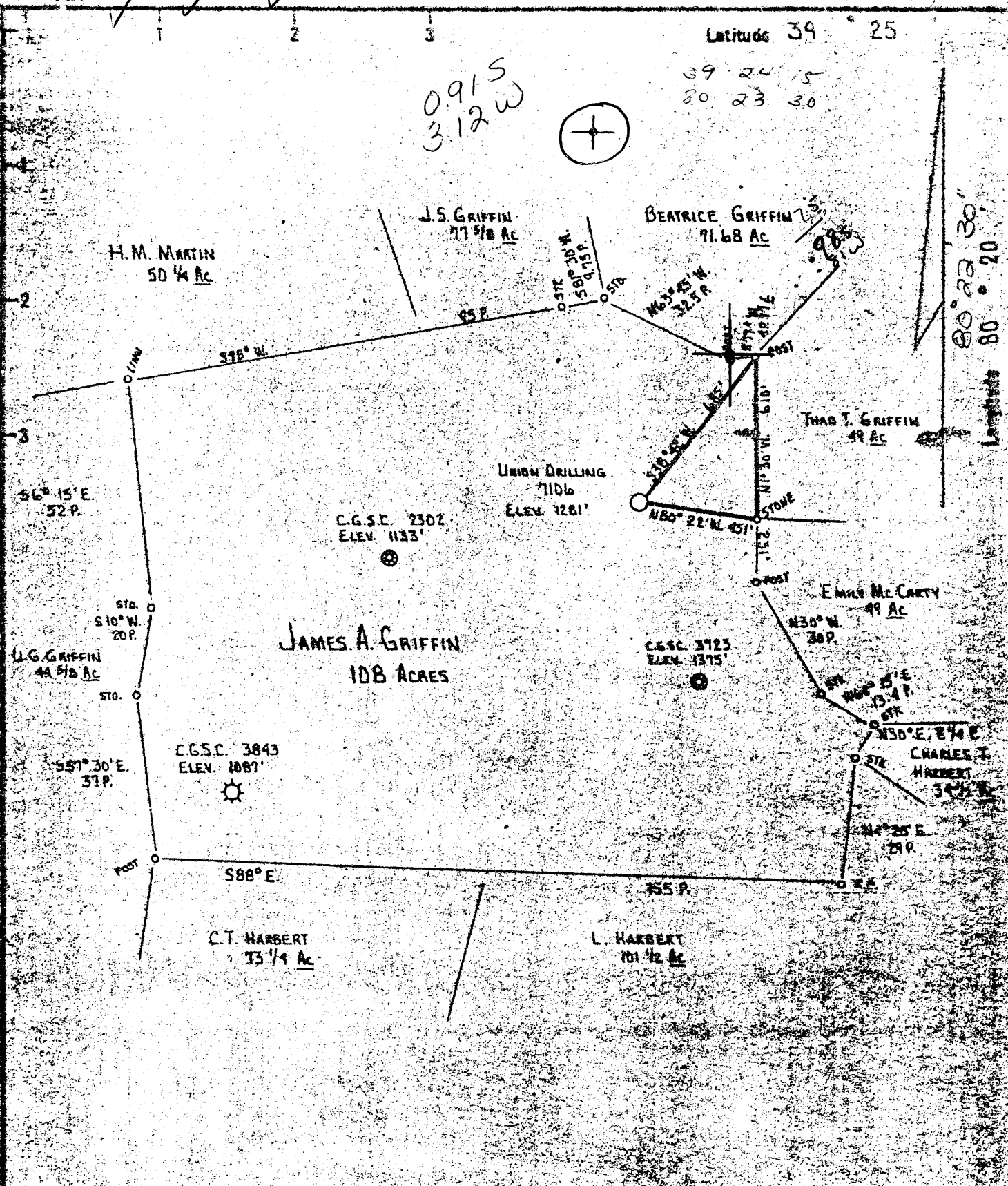
STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL & GAS
 NITRO, WEST VIRGINIA 25143

Drilled in 1977 to 2006
 Denotes location of well on United States map
 Denotes one inch space on border line of original tracing.
 07-033 MAY 17 1966

Latitude 39 25

39 24 15
80 23 30

0.915
3.12 W



80° 22' 30"
Longitude 80 20

Minimum Error of Closure ONE PART IN 200
Source of Elevation C.G.S.C. PLUGGED WELL 3723 ELEV. 1375

New Location
Drill Deeper
Abandonment

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company UNION DRILLING INC.
 Address BUCKLANDEN WEST VIRGINIA
 Farm JAMES A. GRIFFIN
 Tract Acres 100 Lease No. 5876
 Well (Farm) No. 4 Serial No. 7106
 Elevation (Spirit Level) 1281
 Quadrangle CLARESBURG C. / W. / N. / E.
 County HARRISON District EAGLE
 Engineer Donald L. Harbert
 Engineer's Registration No. 330 LLS
 File No. G Drawing No. B-841
 Date 1-17-77 Scale 1" = 500'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP
FILE NO. HAR-1021

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 feet and longitude lines being represented by border lines as shown.

- Denotes one inch space to border line of original tracing.

47-033 FEB 2 1977

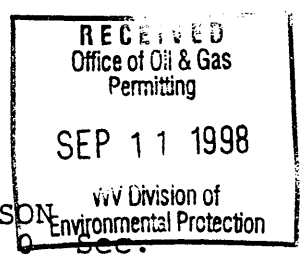
3900 Baintown - C BROWN LUMBERPORT

WR-35

09-May-96
API # 47- 33-01021 W

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

Well Operator's Report of Well Work



Farm name: ASH, FRED A ELIOSE#70 Operator Well No.: Y
LOCATION: Elevation: 1,281.00 Quadrangle: CLARKSBURG
District: EAGLE County: HARRISON
Latitude: 5210 Feet South of 39 Deg. 25Min. 0 Sec.
Longitude 4300 Feet West of 80 Deg. 22 Min. 30 Sec.

Company: ENERVEST OPERATING L. L.
P. O. DRAWER 1878
CLARKSBURG, WV 26302-1878

Agent: GREGORY A. SHOCKLEY

Inspector: TIM BENNETT
Permit Issued: 05/17/96
Well work Commenced: 06/21/96
Well work Completed: 06/22/96
Verbal Plugging _____
Permission granted on: _____
Rotary X Cable _____ Rig _____
Total Depth (feet) 2163'
Fresh water depths (ft) 30'
Salt water depths (ft) _____
Is coal being mined in area (Y/N)? N
Coal Depths (ft): 305 - 310

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Size Existing			
13 3/8	15'	15'	
Existing			
8 5/8	1063.95	1063.95	275 sks
4 1/2	2154'	2154'	Packer 2053'

OPEN FLOW DATA

Producing formation Gordon Pay zone depth (ft) 2117
 Gas: Initial open flow 3,488 MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow 3,488 MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests 4 Hours
 Static rock Pressure 135 psig (surface pressure) after 56 Hours

Second producing formation NA 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: ENERVEST OPERATING L. L. C.
Gregory A. Shockley
By: Vice President and Division Manager
Date: 9/9/98

SEP 11 1998

HAR 1021 W

Cleaned out 7 7/8 open hole to 2163'. Ran 2154' of 4 1/2" with open hole packer set at 2053'.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD 3

Rotary Oil _____
Cable _____ Gas
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Quadrangle Clarksburg

Permit No. HAR-1021

Company UNION DRILLING, INC.
Address P.O. Drawer 40, Buckhannon, WV 26201
Farm James A. Griffin Acres 108
Location (waters) Jones Creek
Well No. 7106 Elev. 1281'
District Eagle County Harrison
The surface of tract is owned in fee by _____
James C. & Freda C. Ash
Address Lumberport, WV 26386
Mineral rights are owned by see page 2
Address _____
Drilling Commenced 3/12/77
Drilling Completed 3/15/77
Initial open flow 1,255,000 cu. ft. _____ bbls.
Final production fractured cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13 3/8	15'	15'	
13-10"			
9 5/8			
8 5/8	1063.95	1063.95	275 sks.
7			
5 1/2			
4 1/2			
3			
2			
Liners Used			

Well treatment details:

natural well producing thru 8 5/8"

Attach copy of cementing record.

Coal was encountered at 305/310 Feet 60" Inches
Fresh water @ 30' 3/4" Feet _____ Salt Water _____ Feet _____
Producing Sand Gordon Depth 2117

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay			0	15		
Sand			15	70		
Sand & Shale			70	91		
Sand			91	106		
Shale			106	114		
Sand & Shale			114	305		
Coal			305	310		
Sand & Shale			310	360		
Shale			360	455		
Sand & Shale			455	905		
Shale			905	969		
Sand & Shale			969	1260		
Shale			1260	1498		
Little Lime			1498	1503		
Shale			1503	1507		
Big Lime			1507	1568		
Sand			1568	1605		
Red Rock			1605	1609		
Sand			1609	1640		
Red Rock			1640	1671		
Shale			1671	1782		
Sand & Shale			1782	1868		
Sand			1868	1892		
Sand & Shale			1892	2016		

(over)

* Indicates Electric Log tops in the remarks section.

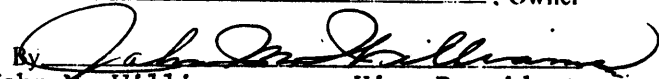
Formation	Color	Hard or Soft	Top Feet ₃	Bottom Feet	Oil, Gas or Water	* Remarks
Sand			2016	2041		
Shale			2041	2105		
Sand	<i>GORDON</i>		2105	<u>2117</u>		
Sand & Shale			2117	TD <u>2206</u>		

MINERAL OWNERS:

- ($\frac{1}{2}$) interest Griffin Boggess
Route #1
Point Pleasant, WV 25550
- ($\frac{1}{2}$) interest Chester W. Byrd
Route #2, Lake Floyd
Bristol, WV 26332
- ($\frac{1}{2}$) interest Imo Winemiller
908 E. Avenue
Shinnston, WV 26431

Date June 14, _____, 1977

APPROVED UNION DRILLING, INC. Owner

By 
John M. Williams (Title) Vice President



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE February 20, 1977

Surface Owner James C. & Freda C. Ash (wife)

Company UNION DRILLING, INC.

Address Lumberport, West Virginia

Address P. O. Drawer 40, Buckhannon, WV 26201

Mineral Owner See attached sheet

Farm James A. Griffin Acres 108

Address _____

Location (waters) Jones Creek

Coal Owner William H. Bargeloh, Jr.

Well No. (-) 7106 Elevation 1281'

Address 1518 17th Street, Parkersburg, WV

District Eagle County Harrison

Coal Operator _____

Quadrangle Clarksburg

Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for Drilling. This permit shall expire if operations have not commenced by 5-24-77.

INSPECTOR
TO BE NOTIFIED paul Garrett

ADDRESS 321 Beech St., Clarksburg, W. Va.

PHONE (304) 622-3871

Robert F. ...
Deputy Director - Oil & Gas Division

GENTLEMEN: Consolidated Lease #5876

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated October 29, 1906 by James A. & Alice Griffin (wife) made to Hope Natural Gas & assigned to Union Drilling and recorded on the 16th day of November 1906, in Harrison County, Book 172 Page 221

NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address this day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND
ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Address
of
Well Operator

Very truly yours,
(Sign Name) John M. Williams
John M. Williams, Well Operator Vice President

UNION DRILLING, INC.
P. O. Drawer 40
Street
Buckhannon
City or Town
West Virginia 26201
State

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by John M. Williams
by JDJ

HAR-1021 PERMIT NUMBER

47-033

**THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION**

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME UNION DRILLING, INC. NAME UNION DRILLING, INC.
 ADDRESS P. O. Drawer 40, Buckhannon, W.Va. ADDRESS P. O. Drawer 40, Buckhannon, WV 26201
 TELEPHONE _____ TELEPHONE (304) 472-4610
 ESTIMATED DEPTH OF COMPLETED WELL: 3900' ROTARY x CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Balltown
 TYPE OF WELL: OIL _____ GAS x COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10 13"	10'	10'	
9 - 5/8			
8 - 5/8	750'	750'	195 sks.
7			
5 1/2			
4 1/2	3900'	3900'	125 sks.
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS ? FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS ? _____
 IS COAL BEING MINED IN THE AREA? No BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG -1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title

UNION DRILLING, INC.
P. O. Drawer 40
Buckhannon, WV 26201

RECEIVED
MAY 21 1977

Oil & Gas Well Permit Application

Mineral Owners for Farm Name James A. Griffin
Well #7106
Eagle District of Harrison County

Mineral Owners

1/4 interest Griffin Boggess
Route #1
Point Pleasant, WV 25550

1/4 interest Chester W. Byrd
Route #2
Lake Floyd
Bristol, WV 26332

1/2 interest Imo Winemiller
908 E. Avenue
Shinnston, WV 26431

RECEIVED

WV Division of Environmental Protection

FORM

033-01021-W

Page 1 of 4

MAY 01 1996

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS WELL WORK PERMIT APPLICATION

Issued 05/17/96 Expires 05/17/98

Permitting

5802

(4) 297

Office of Oil & Gas: EnerVest Operating, L. L. C. (15975)

Operator's Well Number: WVG07106 3) Elevation: 1281

Well type: (a) Oil ___ / or Gas X /

(b) If Gas: Production ___ / Underground Storage ___ / Deep ___ / Shallow ___

Proposed Target Formation(s): Gordon 419

Proposed Total Depth: 2206 feet

Approximate fresh water strata depths: 30' 3/4" stream

Approximate salt water depths: None

Approximate coal seam depths: 305-310

Does land contain coal seams tributary to active mine? Yes ___ / No X /

Proposed Well Work: Clean out well to original TD; Run 4 1/2" casing with tension packer to stop cave.

CASING AND TUBING PROGRAM

Table with columns: TYPE, SPECIFICATIONS (Size, Grade, Weight per ft.), FOOTAGE INTERVALS (For drilling, Left in well), CEMENT (Fill-up (cu. ft.)). Rows include Conductor, Fresh Water, Coal, Intermediate, Production, Tubing, Liners.

PACKERS : Kind Pamco Tension Sizes 4 1/2" x 7 7/8" Depths set n/a

For Division of Oil and Gas Use Only

Fee(s) paid: [] Well Work Permit [] Reclamation Fund [] WPCP [] Plat [] WW-9 [] WW-2B [] Bond [] Agent (Type)

Please film back page.

5/17

1) Date: April 29, 1996
2) Operator's well number
7106
3) API Well No: 47 - 33 - 1021-W
State - County - Permit

MAY 01 1996

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

Permitting
Office of Oil & Gas NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- | | |
|--|--|
| <p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>Freda Eloise Ash</u>
Address <u>116 Mandin Rd.</u>
<u>Clarksburg, WV 26301</u></p> <p>(b) Name _____
Address _____</p> <p>(c) Name _____
Address _____</p> | <p>5) (a) Coal Operator:</p> <p>Name <u>None</u>
Address _____</p> <p>(b) Coal Owner(s) with Declaration
Name <u>E & S Coal Co., Inc.</u>
Address <u>PO Box 57</u>
<u>Shinnston, WV 26431</u></p> <p>(c) Coal Lessee with Declaration
Name <u>None</u>
Address _____</p> |
| <p>6) Inspector <u>Tim Bennett</u>
Address <u>737 Karl St.</u>
<u>Weston, WV 26452</u>
Telephone (304)-<u>269-6167</u></p> | |

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR

_____ Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:

_____ Personal Service (Affidavit attached)

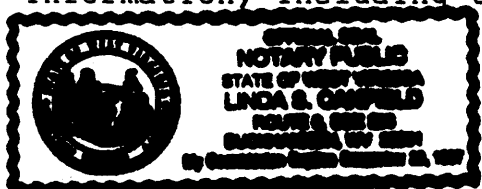
X Certified Mail (Postmarked postal receipt attached)

_____ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.



Well Operator EnerVest Operating, L.L.C. (15975)
By: Greg Shockley
Its: Division Manager
Address PO Drawer 1878
Clarksburg, WV 26301
Telephone (304) 622-1102

Subscribed and sworn before me this 29th day of April, 1996

Linda S. Campbell Notary Public
December 23, 1997

My commission expires _____