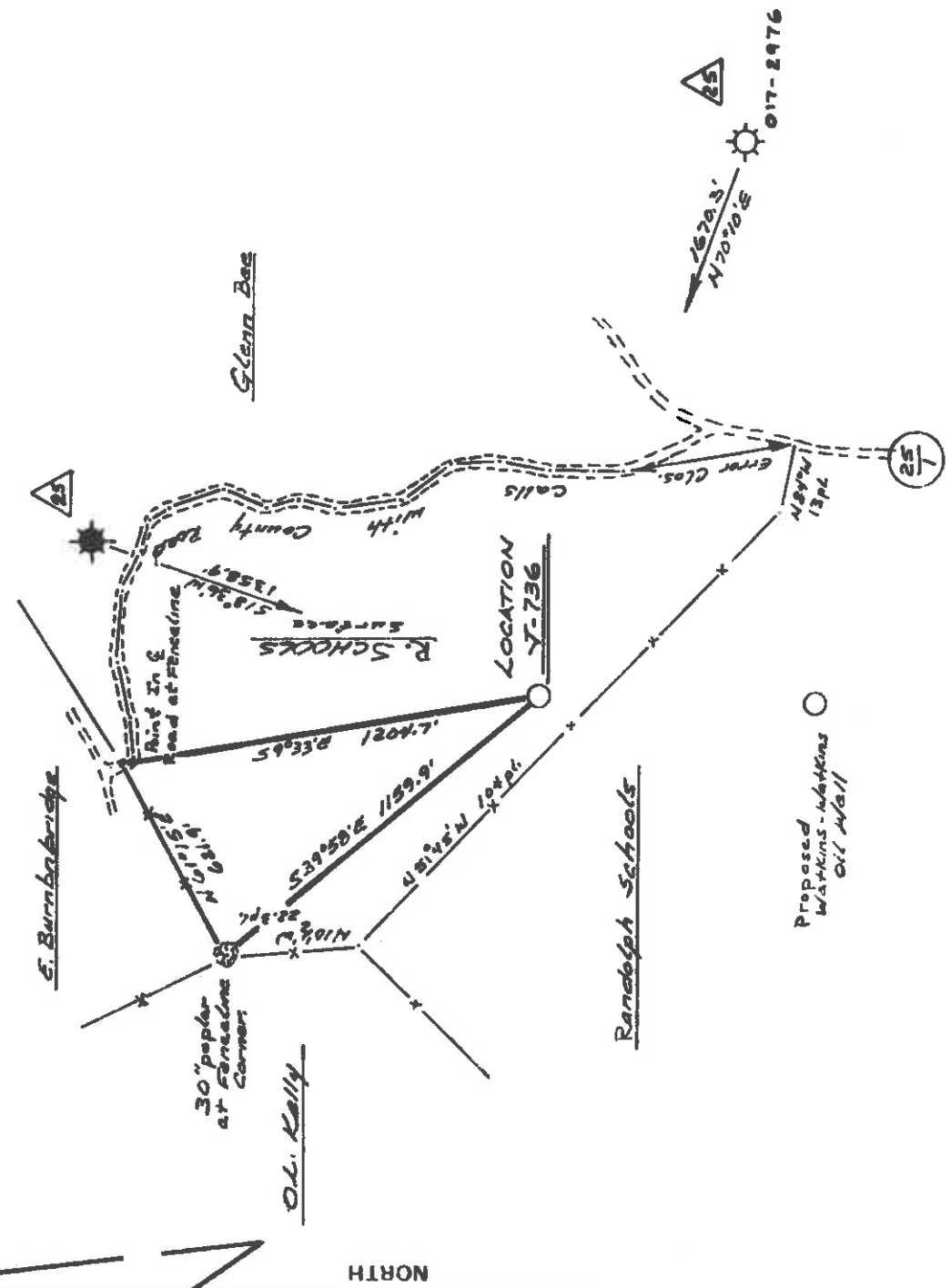
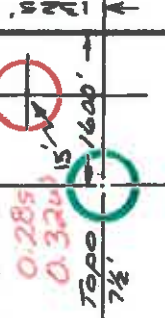


11/11/83 12/27/83

LATITUDE 39°45'00"
LONGITUDE 80°40'00"



FILE NO. 346.01
DRAWING NO. 82-85
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1 in 200
PROVEN SOURCE OF ELEVATION Spot Elev. 1386'
near 30" poplar corner.

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
(SIGNED) Edward J. Detwiler
R.P.E. Buckhannon, W.Va. L.L.S. 555

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE 29 November 19 82
OPERATOR'S WELL NO. Y-736
API WELL NO. 47-017-3203

STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1120' WATER SHED Wolfpen Run
DISTRICT New Milton COUNTY Deebridge
QUADRANGLE New Milton Yadis 15' NW
SURFACE OWNER Randolph & Anns Schools ACREAGE 42.7
OIL & GAS ROYALTY OWNER Clarence W. Mutschelknaus LEASE ACREAGE 42.7
LEASE NO. M-478

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

PLUG AND ABANDON CLEAN OUT AND REPLUG
TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5500' 6-4-New Milton North
WELL OPERATOR V.V. Enterprises, Inc. DESIGNATED AGENT Richard Berdick SPD-Riley, Leopold FEB 14 1983
ADDRESS P.O. Box 48 ADDRESS P.O. Box 48 Buckhannon, W.Va. 26201

PLACE SEAL HERE

EXAMPLES OF PERFORATED INTERVALS, FRACTURING AND STIMULATING, PRODUCTION CHANGE, ETC.

Alexander: Perforations: 5441-44 (3 holes) 5451-52 (2 holes) 5465-67 (3 holes) 5477-79 (4 holes)
Fracturing: 2500 lbs. 80/100 sand: 29,500 lbs. 20/40 sand: 500 gal. Acid: 87 Bbls. fluid.

Leopold: Perforations: 5295-99 (6 holes)
Fracturing: 7500 lbs. 80/100 sand: 17,500 lbs. 20/40 sand: 500 gal. Acid: 265 Bbls. fluid.

Benson: Perforations: 5135-38 (9 holes)
Fracturing: 10,000 lbs. 80/100 sand: 49,000 lbs. 20/40 sand: 500 gal. Acid: 505 Bbls. fluid.

Riley: Perforations: 5032-36 (9 holes)
Fracturing: 7500 lbs. 80/100 sand: 21,000 lbs. 20/40 sand: 500 gal. Acid: 325 Bbls. fluid.

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FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	REMARKS Including indication of acid stream and sand water, coal, etc. and lbs
Fill & Red rock			0	15	1/4" stream @ 180'
Red rock, sand & shale			15	55	
Sand & shale			55	120	2" stream @ 1100'
White sand			120	320	1" stream @ 1968"
Sand, gray shale & red rock			320	435	Gas ck. @ 2387'
Sand & shale			435	990	4/10-1/4" w/water 3,785 cu.ft.
Sand, shale & red rock			990	1115	3/10-1/4" w/water 3,260 cu.ft.
Sand & shale			1115	2010	10/10-1/4" w/water 5,953 cu.ft.
Sand & shale			2010	2140	28/10-1/4" w/water 9,955 cu.ft.
Big Lime			2140	2200	32/10-1/4" w/water 10,350 cu.ft.
Big Injun			2200	2250	
Sand & shale			2250	2415	
Weir			2415	2490	
Sand & shale			2490	3570	
Speechley			3570	3930	
Sand & shale			3930	5032	Gas ck @ 5177
Riley			5032	5036	92/10-1/4" w/water 18,049 cu.ft.
Sand & shale			5036	5135	
Benson			5135	5138	
Sand & shale			5138	5295	
Leopold			5295	5299	
Sand & shale			5299	5441	
Alexander			5441	5479	
Sand & shale			5479	5611	
			5611	T.D.	

(Attach separate sheets as required as necessary.)

By: J&J Enterprises, Inc.
Well Operator
Robert Dahlin
Geologist

NOTE: Regulation 2.32(2) provides as follows:
"The term 'log' as used in this section is defined as a record of the operations, including well, structures in the drilling of a well."



1) Date: December 13, 1983
2) Operator's Well No. J-736
3) API Well No. 47 State 017 County Permit

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

DRILLING CONTRACTOR:

4) WELL TYPE: A Oil Gas

B (If "Gas", Production Underground storage Deep Shallow

5) LOCATION: Elevation: 3150 Watershed: COCKLETON

District: NEW MILTON County: PUTNAM Quadrangle: NEW MILTON

6) WELL OPERATOR WELLS ENTERPRISES, INC. Address PO BOX 88

WHEELING, WV 26061

7) OIL & GAS ROYALTY OWNER COALMAN & ASSOCIATES Address 100 HIGH ST.

SEASIDE, WV 26450

8) SURFACE OWNER WILSON & SONS Address 6115 MICHIGAN ST.

WHEELING, WV 26090

9) FIELD SALE (IF MADE) TO: TRINITY Address TRINITY

10) OIL & GAS INSPECTOR TO BE NOTIFIED PUTNAM COUNTY Name PUTNAM COUNTY Address PUTNAM COUNTY

11) DESIGNATED AGENT PUTNAM COUNTY Name PUTNAM COUNTY Address PUTNAM COUNTY

12) COAL OPERATOR PUTNAM COUNTY Name PUTNAM COUNTY Address PUTNAM COUNTY

13) COAL OWNER(S) WITH DECLARATION ON RECORD: PUTNAM COUNTY Name PUTNAM COUNTY Address PUTNAM COUNTY

14) COAL LESSEE WITH DECLARATION ON RECORD: PUTNAM COUNTY Name PUTNAM COUNTY Address PUTNAM COUNTY

15) PROPOSED WORK: Drill Drill deeper Redrill Fracture or stimulate
Plug off old formation Perforate new formation
Other physical change in well (specify) _____

16) GEOLOGICAL TARGET FORMATION, _____

17) Estimated depth of completed well, 6520 feet

18) Approximate water strata depths: Fresh, 275 feet; salt, 3000 feet.

19) Approximate coal seam depths: _____ Is coal being mined in the area? Yes No

20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	Size	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
		Grade	Weight per ft.	For drilling	Left in well		
Conductor							Kinds
Fresh water							Sizes
Coal							Depths set
Intermediate							Perforations:
Production							Top
Tubing							Bottom
Liners							

21) EXTRACTION RIGHTS

Check and provide one of the following:

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

The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

22) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

23) Required Copies (See reverse side.)

24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: _____ Signed: _____

My Commission Expires _____ Its: _____

OFFICE USE ONLY
DRILLING PERMIT

Permit number _____ Date _____

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires _____ unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: _____ Agent: _____ Plat: _____ Casing _____ Fee _____

NOTE: Keep one copy of this permit posted at the drilling location.

Administrator, Office of Oil and Gas

Geological Survey

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs; "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1) A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(c) and 22-4-11(e).
- 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
- 24) **The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.**

.....
The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

The undersigned coal operator _____ / owner _____ / lessee X / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: 12-17, 19 87 By Consolidation Coal Co.
C.W. McDonald
Its SR. VICE PRESIDENT