

Minimum Error of Closure Less than 1 in 2000

Source of Elevation Yost Heirs Well #3 Approximately 500' N.E. on the Flo Berdine Farm Elev. 1228.20

- Fracture.....
- 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.

Signed: William P. Foley
 Squares: N S E W

Map No.

Company Yost & Yost, Inc.
 Address Rt. #2 Fairview, W.Va.
 Farm J. D. Yost 93.083 Acres
 Tract 1 Acres 312 Lease No. _____
 Well (Farm) No. Elroy Yost Heirs #6 Serial No. _____
 Elevation (Spirit Level) 1337.97
 Quadrangle Blacksville
 County Monongalia District Clay
 Engineer William P. Foley
 Engineer's Registration No. 4449
 File No. _____ Drawing No. _____
 Date 8-9-76 Scale 1" = 600'

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

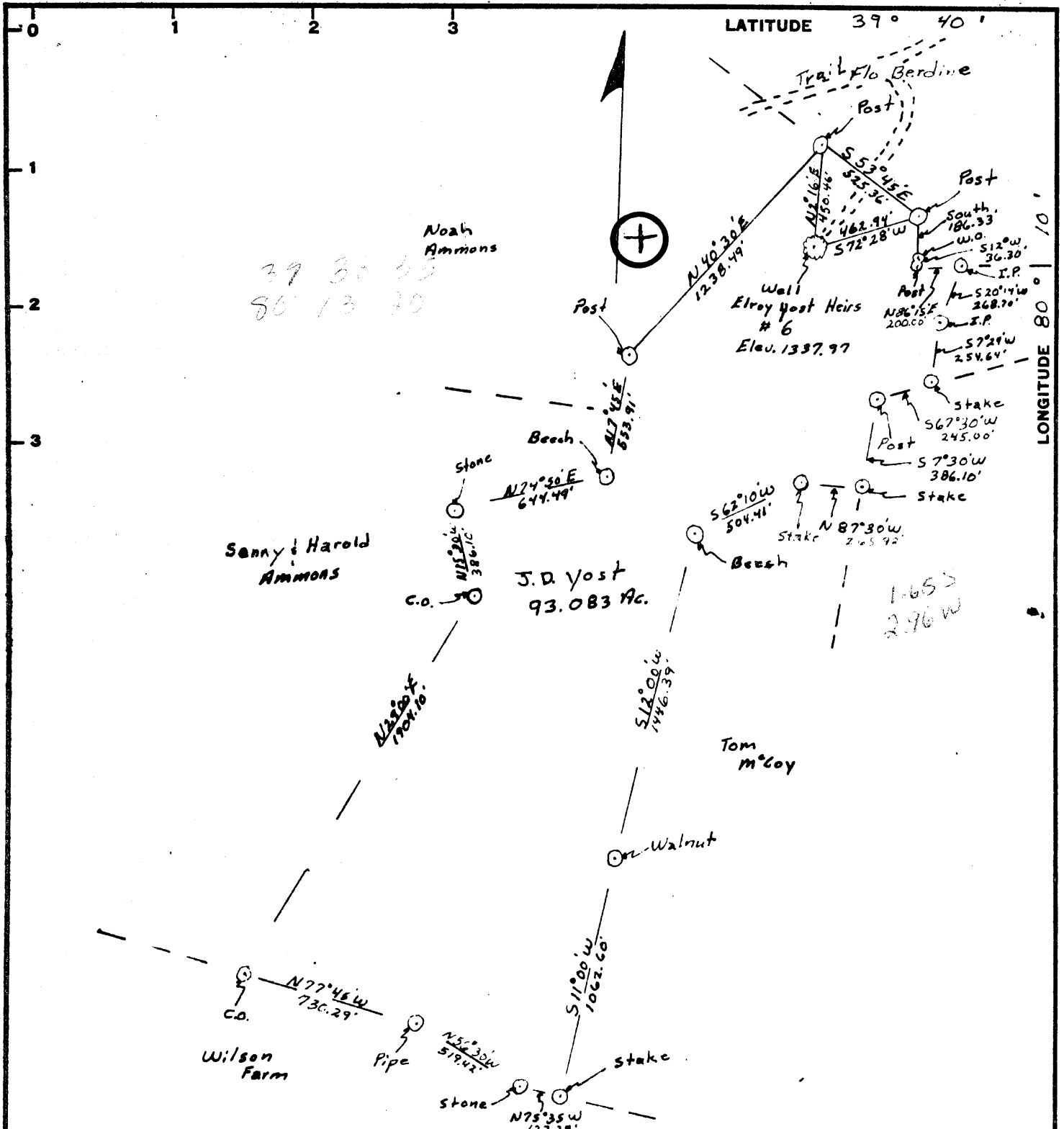
WELL LOCATION MAP
061
 FILE NO. MON-351-DD

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.

47-061

Handwritten signature

JUN 10 1981



Minimum Error of Closure Less than 1 in 2000

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 Elevation (Spirit Level) 1337.97
 Quadrangle Blacksville 15° WC
 County Marion District Clay
 Engineer William P. Foley
 Engineer's Registration No. 4449
 File No. _____ Drawing No. _____
 Date 8-9-76 Scale 1" = 600'

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

WELL LOCATION MAP
 FILE NO. MON-351

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division
WELL RECORD #

RECEIVED
FEB 22 1978

OIL & GAS DIVISION
DEPT. OF MINES

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

Quadrangle Blacksville
Permit No. Mon. 351 47-061

Company Yost & Yost, Inc.
Address Route # 2, Fairview, WV 26570
Farm Elroy Yost Acres 312
Location (waters) Day's Run
Well No. 6 Elev. 1338
District Clay County Monongalia
The surface of tract is owned in fee by Daybrook Development Co.
Address Route # 2, Fairview, WV 26570
Mineral rights are owned by Mabel Wilson & Eva Williams Address Rt. 2, Fairview, WV
Drilling Commenced 9-12-76
Drilling Completed 9-17-76
Initial open flow 21,000 cu. ft. _____ bbls.
Final production 21,000 cu. ft. per day _____ bbls.
Well open 8 hrs. before test _____ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
9 5/8			
8 5/8	581	581	160 sacks
7			
5 1/2			
4 1/2			
3	965	965	set on packer
<u>1 1/2 tub.</u>	1,001	1,001	
Liners Used			

Well treatment details:

Attach copy of cementing record.

Coal was encountered at 105 - 810 - 940 Feet _____ Inches
Fresh water 60 - 520 Feet _____ Salt Water _____ Feet _____
Producing Sand Shale Depth 1,025

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand-Shale		Hard	0	65		
Sand		Hard	65	90	water	
Shale		soft	90	105		
Coal		Soft	105	108	coal	
Shale-Slate			108	233		
Red Rock		Soft	233	256		
Lime-Sand		Hard	256	285		
Red Rock		Soft	285	315		
Shale		Soft	315	343		
Lime-Slate		Hard	343	430		
Bluff Sand		Hard	521	581		
Lime			581	610		
Sand-Shale			610	670		
Shale-Lime		Soft	670	700		
Sand-Shale			700	730		

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet (1)	Bottom Feet	Oil, Gas or Water	* Remarks
Shale-Lime		Soft	730	760		
Sand-Lime			760	790		
Coal		Soft	815	820	coal	
Slate-Lime		Soft	820	850		
Lime-Sand			850	881		
Sand		Hard	881	910		
Shale		Soft	910	940		
Coal		Soft	940	946	coal	
Sand-Shale			946	970		
Shale		Soft	970	1,025	total depth	<i>Conemaugh?</i>

Date February 20, 19 78

APPROVED Yost & Yost, Inc. Owner

By *Joe Yost* President
(Title)



RECEIVED

SEP 2 1976

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division
OIL AND GAS WELL PERMIT APPLICATION

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

DATE August 31, 1976
Company Yost & Yost, Inc.
Address Route # 2, Fairview, WV 26570
Farm Elroy Yost Acres 312
Location (waters) Day's Run
Well No. 6 Elevation 1337.97
District Clay County Mon.
Quadrangle Blacksville

Surface Owner Eva Williams & Mabel Wilson
Address Route # 2, Fairview, WV 26570
Mineral Owner Elroy Yost Heirs
Address Route # 2, Fairview, WV 26570
Coal Owner Eastern Associated Coal Corp.
Address Pittsburgh, PA 15219
Coal Operator Same
Address Same

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 1-2-77

Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED William Blosser
362-9105 Colfax, W.Va.
PH: ADDRESS

GENTLEMEN:

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 March 13, 1976 by Heirs of Elroy Yost made to Yost & Yost, Inc. and recorded on the 29th. day of March 1976, in Monongalia County, Book 772 Page 464

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 _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,
(Sign Name)
Well Operator

Route # 2 Street
Fairview City or Town
West Virginia 26570 State

Best Geological and Economic Survey of
E. O. Box 879
Morgantown, W. Va. 26505
Well Operator

*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.

MON-351 PERMIT NUMBER

BOND DRILL

47-061

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

PROPOSED WORK ORDER TO DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME No NAME Joe D. Yost
 ADDRESS _____ ADDRESS Route # 2, Fairview, WV 26570
 TELEPHONE _____ TELEPHONE 304-798-3181
 ESTIMATED DEPTH OF COMPLETED WELL: _____ ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: _____
 TYPE OF WELL: OIL _____ GAS _____ 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	20 ft.	20 ft.	4 sacks
9 - 5/8			
8 - 5/8	800 ft.	800 ft.	CTS 100 sacks
7	2000 ft.	2000 ft.	100 sacks
5 1/2			
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 300 FEET SALT WATER 2,040 FEET
 APPROXIMATE COAL DEPTHS 600 , 710
 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 Eastern Assoc. 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 Eastern Assoc. 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.

Robert B. MacLeod Jr.
 For Coal Company
Resident Eng.
 Official Title

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. 6

API Well No. 47-061-351-
State Mon. County Mon. Permit Mon.

WELL TYPE: Oil / Gas x /
(If "Gas", Production / Underground storage / Deep / Shallow x /)

LOCATION: Elevation: 1337.97 Watershed:
District: Western (Clay) County: Monongalia Quadrangle: Blacksville

WELL OPERATOR Yost & Yost, Inc.
Address Route # 2
Fairview, WV 26570

DESIGNATED AGENT Joe D. Yost, Pres.
Address Same

OIL & GAS ROYALTY OWNER Eva Williams-Mabel Wilson
Address Route # 2
Fairview, WV 26570

COAL OPERATOR Eastern Assoc. Coal Corp.
Address Koppers Building
Pittsburgh, PA 15219

ACREAGE 312
SURFACE OWNER Eva Williams-Mabel Wilson
Address Route # 2
Fairview, WV 26570
ACREAGE 312

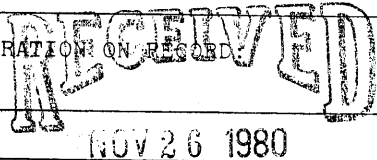
COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Eastern Assoc. Coal Corp.
Address Koppers Building
Pittsburgh, PA 15219

FIELD SALE (IF MADE) TO:
Name Carnegie Natural Gas Co.
Address Munhall, PA 15120

Name
Address

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Bill Blosser
Address Colfax, WV 26566

COAL LESSEE WITH DECLARATION ON RECORD:
Name
Address



OIL & GAS DIVISION
DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease x / other contract / dated March 13, 1976, to the undersigned well operator from (Elroy Yost Heirs) Eva Williams - Mabel Wilson

[If said deed, lease, or other contract has been recorded:]

Recorded on March 29, 1976, in the office of the Clerk of the County Commission of Monongalia County, West Virginia, in County Book 772 at page 464. A permit is requested as follows:

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

--planned as shown on the work order on the reverse side hereof.

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.

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.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

BLANKET BOND

YOST & YOST, INC.
Well Operator
By [Signature]
Its President

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Chisler Brothers

Address P.O. Box 101
Pentress, WV 26544

GEOLOGICAL TARGET FORMATION, _____

Estimated depth of completed well, 2450 feet Rotary / Cable tools _____ /

Approximate water strata depths: Fresh, 300 feet; salt, 2040 feet.

Approximate coal seam depths: 600 Is coal being mined in the area? Yes _____ / No /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor								Kinds
Fresh water			NO CHANGE FROM ORIGINAL PERMIT					
Coal								Sizes
Intermediate	7					2000	200 Cmt	
Production								Depths set
Tubing								
Liners								Perforations:
								Top Bottom

NOTE: 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.

A separate Form IV-2 shall not be required for fracturing or stimulating a well **THIS PERMIT MUST BE POSTED AT THE WELL SITE** if such 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.

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for deepening. This permit shall expire if operations have not commenced by 8-9-81.

J. M. Murray
Deputy Director - Oil & Gas Division

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:

W A I V E R

The undersigned coal operator _____ / owner _____ / lessee _____ 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: 11-20, 1980

By: *[Signature]*
Its: _____