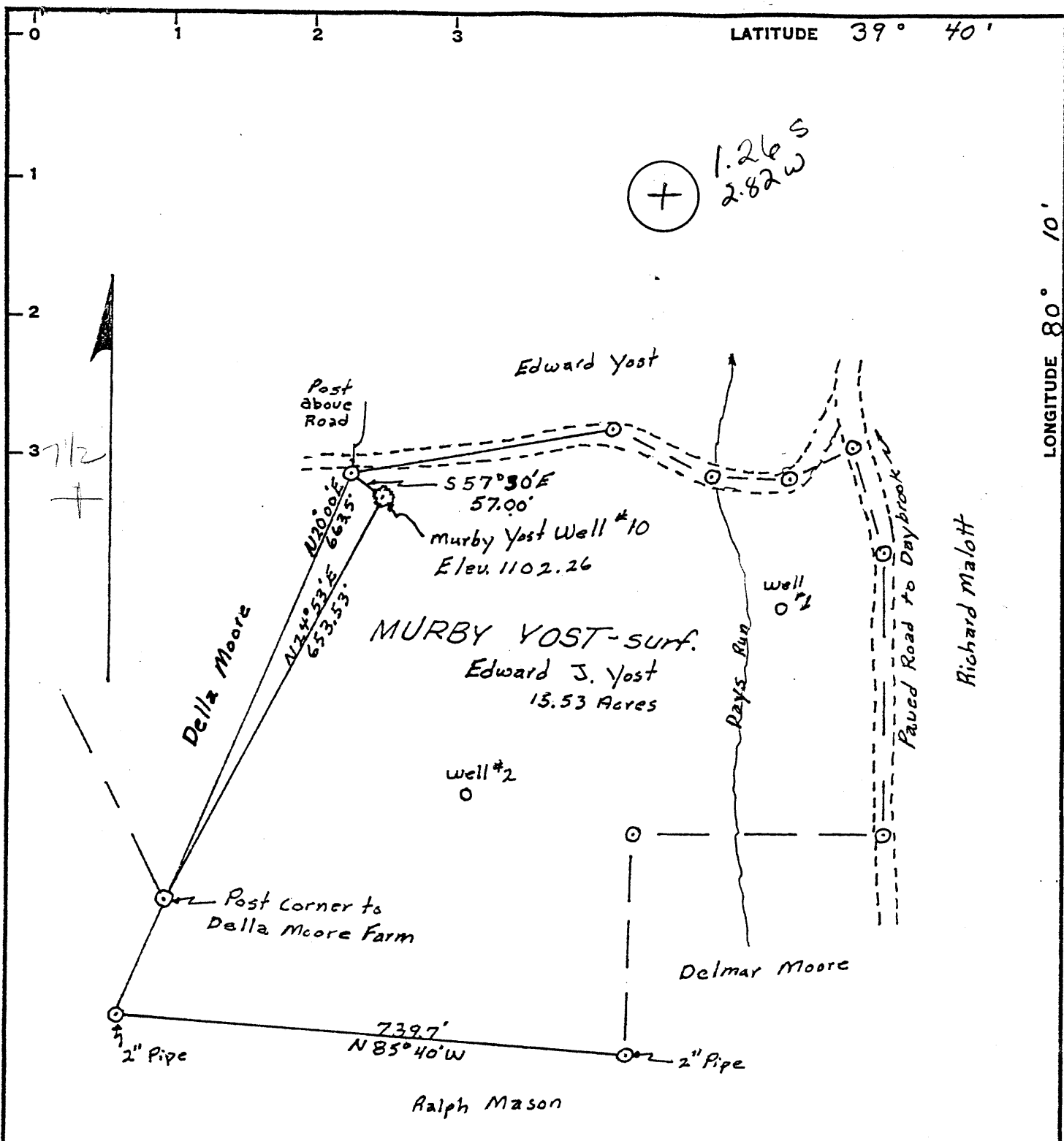


1.26 S
2.82 W



Minimum Error of Closure Less than 1 in 2000

Source of Elevation Perry yost Well #3 on adjoining Farm Elev. 1232.97

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

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

Map No.

Squares: N S E W

Company Yost & Yost, Inc.
 Address Rt #2, Fairview W.Va.
 Farm Edward J. Yost, MURBY YOST
 Tract 1 Acres 15.53 Lease No. _____
 Well (Farm) No. Murby Yost #10 Serial No. _____
 Elevation (Spirit Level) 1102.26
 Quadrangle Blacksville +15 WC
 County Menongalia District Clay
 Engineer William P Foley
 Engineer's Registration No. 4449
 File No. _____ Drawing No. _____
 Date 4-2-77 Scale 1" = 200'

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

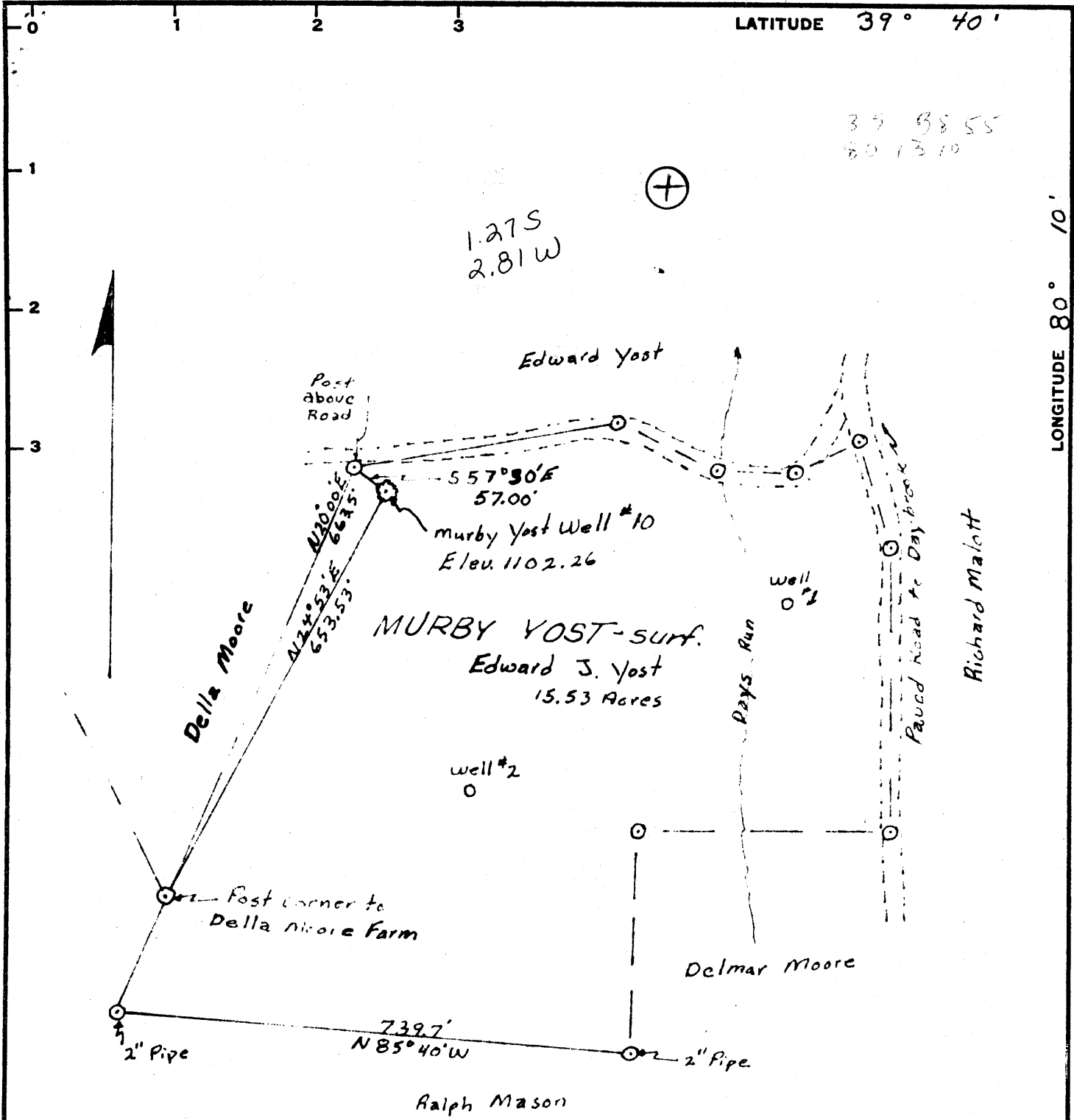
WELL LOCATION MAP

FILE NO. MON-363 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



LATITUDE 39° 40'
 39 38 55
 80 13 10

LONGITUDE 80° 10'

Minimum Error of Closure Less than 1 in 2000
 Source of Elevation Perry Yost Well #3 on adjoining Farm Elev. 1232.97

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

WELL LOCATION MAP

FILE NO. MON-363

+ 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



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State of West Virginia
Department of Mines
Oil and Gas Division

Date 12/23/86
Operator's
Well No. 10
Farm Murby Yost
API No. 47 - 061 - 363 - D

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil x / Gas x / Liquid Injection None / Waste Disposal /
(If "Gas," Production / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 1102-26 Watershed Day's Run
District: Western County Monongalia Quadrangle Blacksville

COMPANY Yost & Yost, Inc.
ADDRESS Rt. # 2, Fairview, WV 26570
DESIGNATED AGENT Joe D. Yost
ADDRESS Same
SURFACE OWNER Murby Yost
ADDRESS Rt. # 2, Fairview, WV 26570
MINERAL RIGHTS OWNER Murby Yost
ADDRESS Same
OIL AND GAS INSPECTOR FOR THIS WORK Don
Ellis ADDRESS Fairmont, WV 26554
PERMIT ISSUED 4-20-81
DRILLING COMMENCED 9/81 8/12/81
DRILLING COMPLETED 9/81 9/22/81

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8			
7	787	787	Cemented to surface
5 1/2			
4 1/2	2035	2035	cemented to surface
3			
2	2090	2090	
Liners used			

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

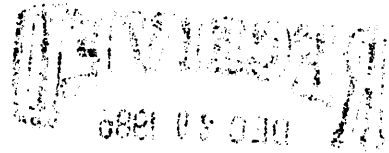
GEOLOGICAL TARGET FORMATION Injun Depth 2025 feet
Depth of completed well 2137 feet Rotary x / Cable Tools
Water strata depth: Fresh 75 feet; Salt 0 feet
Coal seam depths: 179 - 604 - 700 Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Injun Pay zone depth 2110 feet
Gas: Initial open flow 5,000 Mcf/d Oil: Initial open flow 1 Bbl/d
Final open flow 5,000 Mcf/d Final open flow 1 Bbl/d
Time of open flow between initial and final tests 24 hours
Static rock pressure 120 psig (surface measurement) after 24 hours shut in
(If applicable due to multiple completion--)
Second producing formation None Pay zone depth feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow Mcf/d Oil: Final open flow Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure psig (surface measurement) after hours shut in

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

No fracturing



PAID TO THE ORDER OF
YOST & YOST, INC.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
		Lime	755'	1750	
			1750	1755	
			1755	1900	
			1900	2046	
			2046	2066	
		Inj'w	2066	2137	

2137 new TD
755 old TD

1382 - new ftg.

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DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

(Attach separate sheets as necessary)

Yost & Yost, Inc.

Well Operator

By: Joe Yost President

Date: 12/23/86

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including soil, encountered in the drilling of a well."



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

WELL RECORD

Quadrangle Blacksville
Permit No. Mon. 363 47-061

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

Company Yost & Yost, Inc.
Address Route # 2, Fairview, WV 26570
Farm Murby Yost Acres 16
Location (waters) Day's Run
Well No. 10 Elev. 1102.26
District Clay County Monongalia
The surface of tract is owned in fee by _____
Murby Yost
Address Route # 2, Fairview, WV
Mineral rights are owned by Murby Yost
_____ Address Rt. 2, Fairview, WV
Drilling Commenced 10-26-77
Drilling Completed 11-9-77
Initial open flow 17,000 cu. ft. _____ bbls.
Final production 12,000 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			90 sacks cemented to surface
Cond. 13-10"			
9 5/8			
8 5/8	65	65	
7 6 5/8	687	687	
5 1/2			
4 1/2			
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Coal was encountered at 179 - 604 - 700 Feet _____ Inches
Fresh water 75 Feet _____ Salt Water _____ Feet _____
Producing Sand Shale Depth 695

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale		Soft	0	65	water	
Red Rock		Soft	65	81		
Sand		Hard	81	104		
Shale-Slate		Soft	104	150		
Slate		Hard	150	176		
Coal		Soft	176	181		
Lime		Hard	181	204		
Shale-Lime			204	224		
Sand		Hard	224	275		
Lime		Hard	275	304		
Coal		Soft	329	331		
Shale-Slate			331	333		
Lime		Hard	333	361		
Lime-Slate			361	449		

(over)

Stratigraphic Log tops in the remarks section.

DEC 15 1977

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Lime-Shale			449	477		
Lime-Sand		Hard	477	508		
Sand-Shale			508	538		
Shale-Lime			538	568		
Shale		Soft	568	599		
Coal		Soft	604	609		
Lime-Shale			609	629		
Shale		Soft	629	659		
Shale		Soft	659	695	gas	
Coal		Soft	699	707		
Lime		Hard	707	727		
			727	755		
					<i>Pittsburgh 324</i> Total Depth + 347	

Date November 15, 1977

APPROVED Yost & Yost, Inc. Owner
 By *J. A. Yost* Preside
 (Title)

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. 10

API Well No. 47-061-36
State County Perm

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

LOCATION: Elevation: 1102.26 Watershed: _____
District: Western County: Monongalia Quadrangle: Blacksville

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

DESIGNATED AGENT Joe D. Yost
Address Same

OIL & GAS ROYALTY OWNER Murby Yost
Address Route # 2
Fairview, WV 26570

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

ACREAGE 16
SURFACE OWNER Murby Yost
Address Same as above
ACREAGE 16

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Eastern Assoc. Coal Corp.
Address Same as above

FIELD SALE (IF MADE) TO:
Name Carnegie Gas Company
Address 3904 Main Street
Munhall, PA 15120

Name _____
Address _____
RECEIVED
COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address APR 20 1981

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

OIL & GAS DIVISION
DEPT. OF MINES
Blanket Bond # 175 63 17

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract / dated Oct. 27, 1959, to the undersigned well operator from E. J. & Murby Yost

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

Recorded on Nov. 28, 1961, in the office of the Clerk of the County Commission of Mon. County, West Virginia, in _____ Book 600 at page 274. A permit is requested as follows:

PROPOSED WORK: Drill / Drill deeper / 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 Joe D. Yost President
Its _____

C. Suvver

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Yost & Yost, Inc.

Address Route # 2
Fairview, WV 26570

GEOLOGICAL TARGET FORMATION, _____

Estimated depth of completed well, 3400 feet Rotary / Cable tools _____ /

Approximate water strata depths: Fresh, 45-400 feet; salt, 2150 feet.

Approximate coal seam depths: 580-680 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	Left in well		
Conductor	13"				x	20'	20'	cemented to surface	Sizes
Fresh water	8 5/8"				x	800'	800'	"	"
Coal									Sizes
Intermediate									Depths set
Production									Depths set
Tubing									Perforations:
Liners									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 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.

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 Deepening. This permit shall expire if operations have not commenced by 12-21-81.

[Signature]
Deputy Director, Oil & Gas Division
The following information 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: _____, 19____

By _____
Its _____



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 March 31, 1977
Company Yost & Yost, Inc.
Address Route # 2, Fairview, WV 26570
Farm Murby Yost Acres 16
Location (waters) Day's Run
Well No. 10 Elevation 1102.26
District Clay County Mon.
Quadrangle Blacksville

Surface Owner Murby Yost
Address Route # 2, Fairview, WV 26570
Mineral Owner Murby Yost
Address Route # 2, Fairview, WV 26570
Coal Owner Eastern Associated Coal Corp.
Address Koppers Bldg, Pittsburgh, PA
Coal Operator Eastern Associated Coal Corp.
Address Route # 1, Fairview, WV 26570

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 9-4-77

[Signature]
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Wm. Blessen
Fairmont
PH: 363-9105 ADDRESS Coalfield, WV

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 October 27, 1959 by E.J. and Murby Yost made to Yost & Yost, Inc. and recorded on the 28 day of Nov. 1961, in Monongalia County, Book 600 Page 274

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 20th. day April 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, W. Va. 26505

Address
of
Well Operator

Very truly yours,

(Sign Name) [Signature]

Well Operator

Route # 2
Street

Fairview
City or Town

West Virginia 26570
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.

Mon-363 PERMIT NUMBER

47-041

**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 Yost & Yost, Inc. NAME _____
 ADDRESS Route # 2, Fairview, WV 26570 ADDRESS _____
 TELEPHONE 304-798-3161 TELEPHONE _____
 ESTIMATED DEPTH OF COMPLETED WELL: 3400' 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.	1
9 - 5/8			
8 - 5/8	470 ft. 800'	470 ft. 800'	140 Cement to Sur.
<input checked="" type="checkbox"/> 6 5/8	2100 ft.	2100 ft.	220
5 1/2			
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 45-400 FEET SALT WATER 2,150 FEET

APPROXIMATE COAL DEPTHS 580 - 680

IS COAL BEING MINED IN THE AREA? No BY WHOM? _____

TO DRILL:

Blanket Bond # 173 63 17

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.


 For Coal Company
Resident Engineer
 Official Title