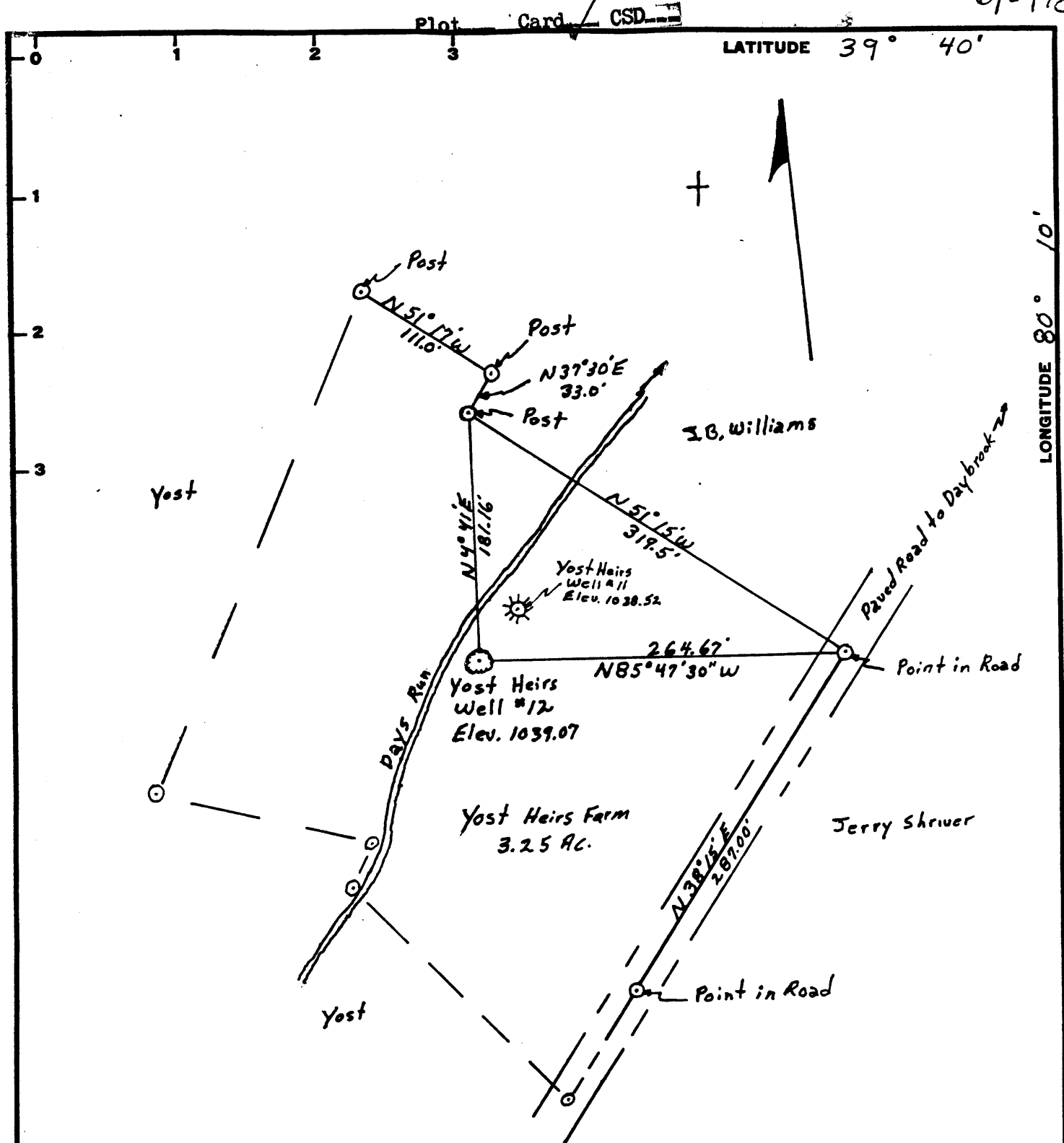


6/5/78



Minimum Error of Closure Less than 1 in 2000

Source of Elevation From yost well #1 about 200 yds upstream near the stream Elev. 1054.30

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.

Fracture.....

New Location.....

Drill Deeper..... 1/20/82

Abandonment..... -3/10/83

Signed: W. Williams P. Foley

Map No. Squares: N S E W

Company Yost & Yost, Inc

Address Rt #2 Fairview W.Va. 26570

Farm Yost Heirs, Larry Yost

Tract _____ Acres 3.25 Lease No. _____

Well (Farm) No. #12 Serial No. _____

Elevation (Spirit Level) 1039.07

Quadrangle Blacksville

County Monongalia District Clay

Engineer William P. Foley

Engineer's Registration No. 4449

File No. _____ Drawing No. _____

Date 4-8-78 Scale 1"=100'

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

WELL LOCATION MAP

FILE NO. MON-377-DD-P

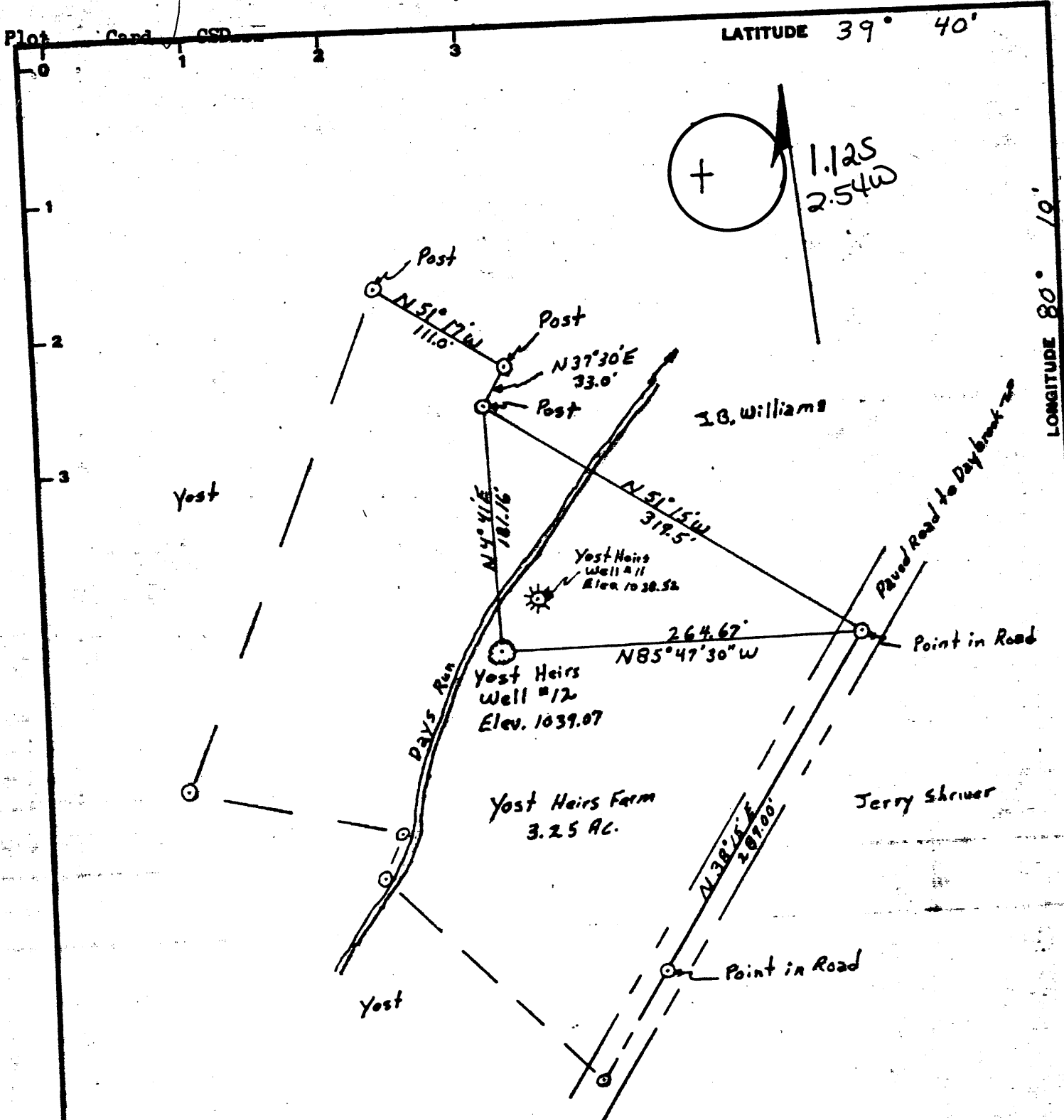
+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

47-061 MAR 14 1983

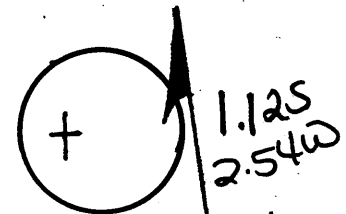
750' Shale 2200' - Big Sijun

6/178



LATITUDE 39° 40'

LONGITUDE 80° 10'



Minimum Error of Closure less than 1 in 2000

Source of Elevation From yost well #1 about 200 yds upstream near the stream Elev 1054.30

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.

- Fracture
- New Location
- Drill Deeper 1/20/82
- Abandonment

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

Company Yost & Yost, Inc
 Address Rt #2 Fairview W.Va. 26520
 Farm Yost Heirs, Larry Yost
 Tract _____ Acres 3.25 Lease No. _____
 Well (Farm) No. #12 Serial No. _____
 Elevation (Sprt Level) 1039.07
 Quadrangle Blacksville dS
 County Manawha District Clay
 Engineer William P. Foley
 Engineer's Registration No. 4449
 File No. _____ Drawing No. _____
 Date 4-8-78 Scale 1"=100'

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

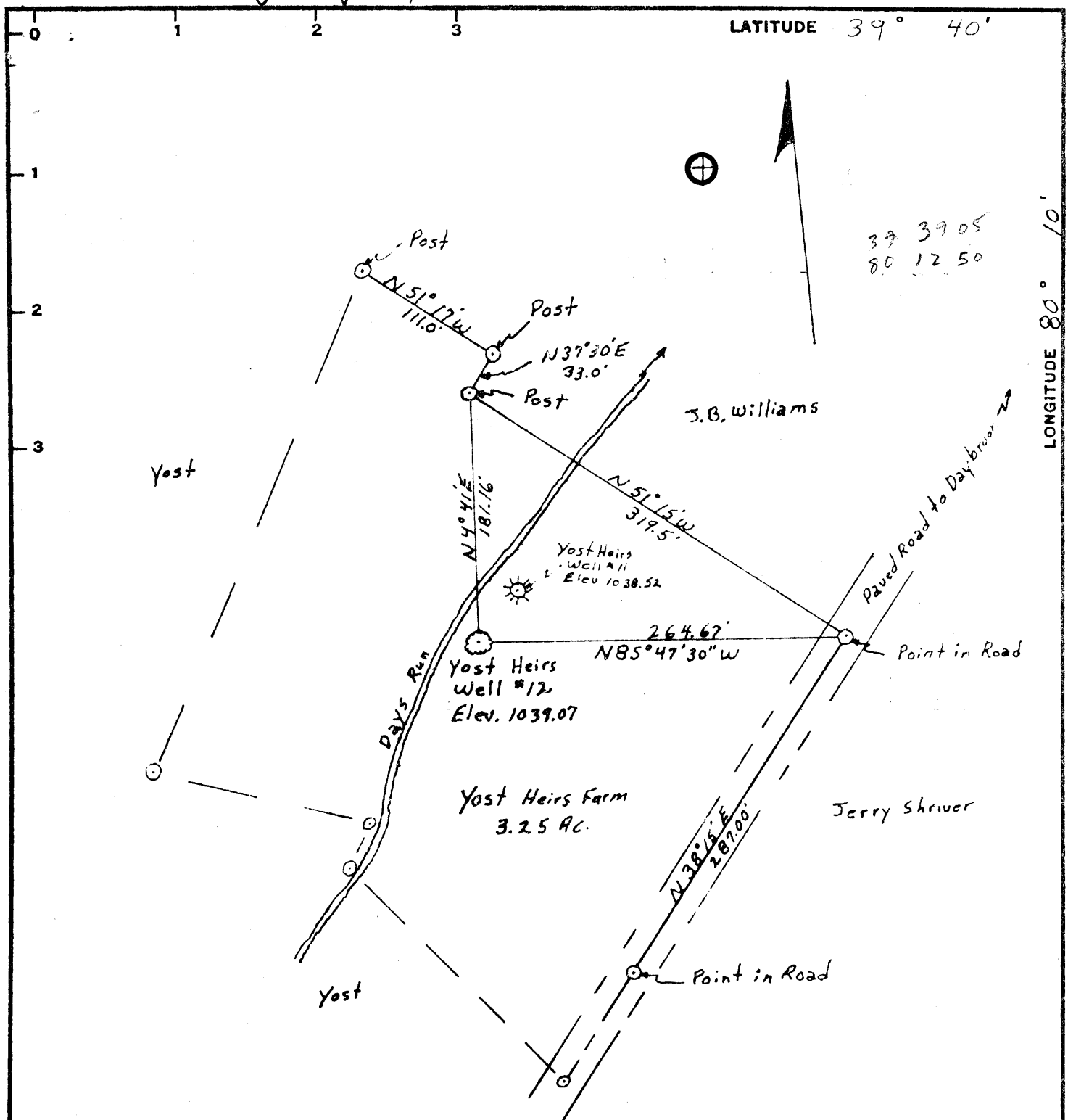
WELL LOCATION MAP
 FILE NO. MON-377-DD

⚡ 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 FEB 01 1982

750' Shale 220d - Big Lignum



Minimum Error of Closure Less than 1 in 2000

Source of Elevation From Yost well #1 about 200 yds upstream near the stream Elev. 1054.30

- 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

Company Yost & Yost, Inc
 Address Rt #2 Fairview W.Va. 26520
 Farm Yost Heirs, Larry Yost
 Tract _____ Acres 3.25 Lease No. _____
 Well (Farm) No. #12 Serial No. _____
 Elevation (Spirit Level) 1039.07
 Quadrangle Blacksville WC
 County Monongalia District Clay
 Engineer William P. Foley
 Engineer's Registration No. 4449
 File No. _____ Drawing No. _____
 Date 4-8-78 Scale 1"=100'

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

WELL LOCATION MAP
 FILE NO. MON-377

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division
WELL RECORD

RECEIVED

SEP 14 1978

OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle Blacksville
Permit No. Mon-377 47-061

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

Company Yost & Yost, Inc.
Address Rt. 2, Fairview, WV 26570
Farm Yost Heirs Acres 160
Location (waters) Day's Run
Well No. 12 Elev. 1039.07
District Clay County Mon
The surface of tract is owned in fee by Larry Yost
Address Rt. 2, Fairview, WV 26570
Mineral rights are owned by Heirs of Perry Yost Address Rt. 2, Fairview, WV
Drilling Commenced July 10, 1978
Drilling Completed July 21, 1978
Initial open flow 20,000 cu. ft. _____ bbls.
Final production 20,000 cu. ft. per day _____ bbls.
Well open 10 hrs. before test _____ RP.
Well treatment details:

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			3 sacks Cemented to surface
Cond. 13-10"			
9 5/8			
8 5/8	40	40	
7 6 5/8	707	707	
5 1/2			
4 1/2			
3			
2			
Liners Used			

Attach copy of cementing record.

Coal was encountered at 99-189-261-382 ~~xxxx~~ 552-639-651 Inches _____
Fresh water 40 240 Feet _____ Salt Water None Feet _____
Producing Sand Shale Depth 707

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
			0	70		
Lime		Hard	70	90		
Lime-Slate		Hard	90	99		
Coal		Soft	99	102		
Slate-Shale		Hard	118	139		
Lime-Shale		Hard	139	166		
Shale		Soft	166	189		
Coal		Soft	189	191		
Shale		Soft	191	261		
Coal		Soft	261	266		
Shale-Sand		Soft	292	321		water bubble at 292
Shale		Soft	321	382		
Coal		Soft	382	385		
Shale		Soft	408	436		
Shale-Lime		Soft	436	467		

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Lime		Hard	467	552		
Coal		Soft	552	556		
Lime		Hard	556	639		
Coal		Soft	639	646		
Lime		Hard	646	651		
Coal		Soft	651	653		
Lime		Hard	676	707		
Lime-Sand		Hard	707			Total Depth
<i>CONEMAUGH</i>						

Date September 11, 19 78

APPROVED Yost & Yost, Inc. Owner

By *John Yost* President
(Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

RECEIVED
JUN - 5 1978

OIL & GAS DIVISION
DEPARTMENT OF MINES

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

DATE April 18, 1978

Surface Owner Larry Yost Company Yost & Yost, Inc.

Address Rt. 2 Fairview, WV 26570 Address Rt. 2 Fairview, WV 26570

Mineral Owner Heirs of Perry Yost Farm Yost Heirs 3.25 Acres 160

Address Rt. 2, Fairview, WV 26570 Location (waters) Day's Run

Coal Owner Eastern Assoc. Coal Corp. Well No. 12 Elevation 1039.07

Address Pittsburgh, PA 15219 District Clay County Mon.

Coal Operator Same Quadrangle Blacksville

Address Same

THIS PERMIT MUST BE POSTED AT THE WELL SITE

If 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 10-6-78.

Robert H. Todd
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Wm. Blosser
PH: Fairmont ADDRESS Colfax, W. Va.
363-9105

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 25, 19 75 by Heirs of Perry Yost made to Yost & Yost, Inc. and recorded on the 5th. day of May 19 75 in Monongalia County, Book 760 Page 499

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.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505

Very truly yours,
(Sign Name) Joe Yost
Well Operator
Route # 2
Street
Fairview
City or Town
West Virginia
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.

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 Yost & Yost, Inc.
 ADDRESS Rt. 2, Fairview, WV 26570 ADDRESS Rt. 2, Fairview, WV 26570
 TELEPHONE 304-798-3161 TELEPHONE 304-798-3161
 ESTIMATED DEPTH OF COMPLETED WELL: 750 ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Shale
 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			
9 - 5/8			
8 - 5/8	60 ft.	60 ft.	cement to surface
<u>7 1/2</u>	650 ft.	650 ft.	cement to surface
5 1/2			
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 100 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS 650
 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

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, Big Injun Sand

Estimated depth of completed well, 2,200 feet Rotary / Cable tools /
Approximate water strata depths: Fresh, 100 feet; salt, 1900 feet.
Approximate coal seam depths: 650 **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									Kinds
Fresh water	8 5/8"						40	3 sacks cemented to surface	
Coal	6 5/8"						707	cemented to surface	
Intermediate									
Production	4 1/2"						2,000		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 where fracturing or stimulating is to be part of the work for which a permit is sought and THIS PERMIT MUST BE POSTED AT THE WELL SITE filed in connection therewith.

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling deeper. This permit shall expire if operations have not commenced by 9-20-82.


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: _____, 19____

By _____
Its _____

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. 12

API Well No. 47 - 061-377-DD
State County Permit

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

LOCATION: Elevation: 1039.07 Watershed: Day's Run
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 Route # 2
Fairview, WV 26570

OIL & GAS ROYALTY OWNER Heirs of Perry Yost
Address _____

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

Acreage 160
SURFACE OWNER Larry Yost
Address Route # 2 Box 186
Fairview, WV 26570
Acreage 3.25 of 160

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name _____
Address _____
Name _____
Address _____

FIELD SALE (IF MADE) TO:
Name Pennzoil Company
Address _____
Houston, TX

COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

OIL & GAS INSPECTOR TO BE NOTIFIED
Name William Blosser
Address Route # 4 Box 317
Fairmont, WV 26554

RECEIVED

JAN 15 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract / dated Mar. 25, 19 75, to the undersigned well operator from Heirs of Perry Yost

[If said deed, lease, or other contract has been recorded:]
Recorded on May 5, 19 75, in the office of the Clerk of the County Commission of Mon. County, West Virginia, in _____ Book 760 at page 459. 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

CLAIMED BOND

Yost & Yost, Inc.
Well Operator
By Joe D. Yost
Its President

