

- 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: *Ronald L. Eastham*

Map No. _____ Squares: N S E W

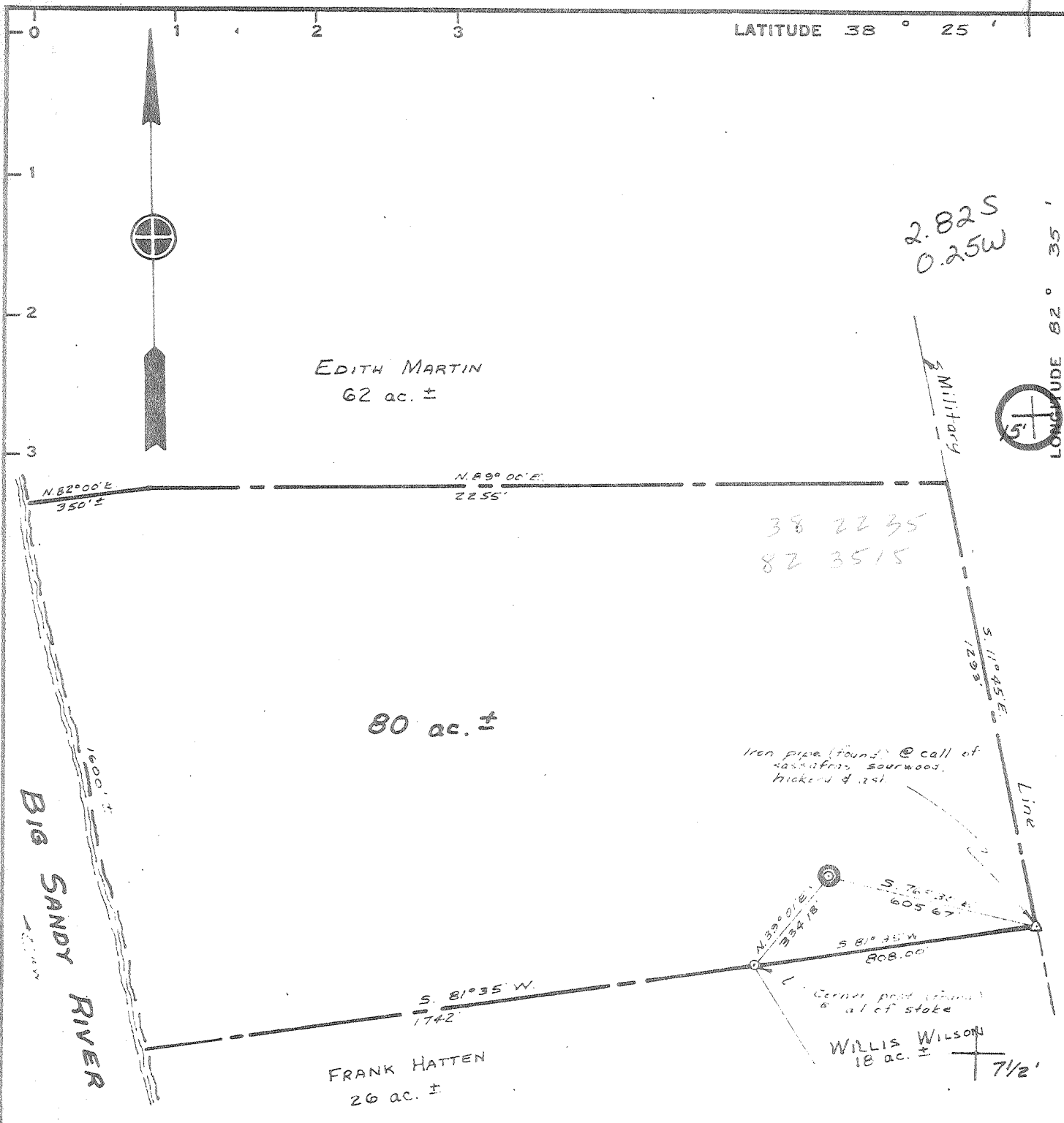
Company DALE ADKINS & PILGRIM GLASS CORP
 Address P.O. BOX 395, CEREDO, WV 25507
 Farm JOE F. HAMER
 Tract _____ Acres 90 Lease No. _____
 Well (Farm) No. 1 Serial No. K-24
 Elevation (Spirit Level) 651.90
 Quadrangle CATLETTSBURG Ceredo C
 County WAYNE District CEREDO
 Surveyor RONALD L. EASTHAM
 Surveyor's Registration No. 150
 File No. 76823 Drawing No. 76823
 Date AUG. 23, 1976 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. WAY-1586

+ 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.
Deep well 47-099



Minimum Error of Closure 1: 74,000

Source of Elevation BRASS CAP IN CONCRETE E 1-64 NEAR BIG SANDY RIVER BRIDGE; STA. T. S. 11 + 67.56 - ELEV. 651.98

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Signed: *Ronald L. Eastham*

Map No.

Squares: N S E W

Company DALE ADKINS & PILGRIM GLASS CORP.
 Address P.O. BOX 395, CEREDO, WV 25507
 Farm JOE F. HAMER
 Tract _____ Acres 80 Lease No. _____
 Well (Farm) No. 1 Serial No. K-24
 Elevation (Spirit Level) 651.90 C
 Quadrangle CATLETTSBURG Ceredo 15'
 County WAYNE District CEREDO
 Surveyor RONALD L. EASTHAM
 Surveyor's Registration No. 150
 File No. 76823 Drawing No. 76823
 Date AUG. 23, 1976 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. **WAY-1586**

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47-099 AUG 30 1976



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division
WELL RECORD

RECEIVED
NOV 16 1977

OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle Cattlesburg

Permit No. Way-1586

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

Company Dale Adkins/Pilgrim Glass
Address Ceredo, W. Va.
Farm Joe Hamer Acres 79
Location (waters) Big Sandy
Well No. #1-K-24 Elev. 651.98
District Ceredo County Wayne
The surface of tract is owned in fee by Joe Hamer

Address 1300 Oakview Dr. Kenova, W. Va.
Mineral rights are owned by Same
Address Same
Drilling Commenced 8-24-76
Drilling Completed 8-28-76
Initial open flow 10 MCF cu. ft. _____ bbls.
Final production 10MCF cu. ft. per day _____ bbls.
Well open 24 hrs. before test 300# 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	350	350	125 Sks.
7	2000	2000	100 Sks.
5 1/2			
4 1/2			
3			
2			
Liners Used			

Well treatment details:

Shor by sureshot
3500 #

Attach copy of cementing record.

10MCF

Coal was encountered at coal not operated Feet _____ Inches _____
Fresh water 75 Feet _____ Salt Water 800 Feet _____
Producing Sand Devonian Shale Depth 2100-2800

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Surface			0	15		
Slate & Sand			15	1500		
Big Lime			1500	1700		Fresh Water @ 75 feet
Slate & Shells			1700	2000		Salt Water @ 800 feet
Berea			2000	2015		Gamma ray tops
Slate & Shells			2015	2100		Top Greenbrier
Dev. Brown Shale			2100	2800		base Greenbrier 996
Slate			2800	2850		T.D. Sunbury 1584-1608 Berea 1608-1655
						Top of Onondaga 2524 from gamma-ray neutron J.F. Schwietering,
						TD 2567 on gamma-ray log
						Completion and production information on this log is suspect.
						See Wayne 1587

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

AUG 23 1976

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 23 1976
Company Dale Adkins/Pilgrim Glass
Address XXXXXXXX Ceredo, W. Va.
Farm Joe Hamer Acres 79-80
Location (waters) Big Sandy River
Well No. #1 (K-24) Elevation 651.98
District Ceredo, County Wayne
Quadrangle CATTLESBURG

Surface Owner Joe Hamer
Address 1300 Oakview Dr., Kenova, W. Va.
Mineral Owner Same
Address Same
Coal Owner Same
Address Same
Coal Operator Coal Not Operated
Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 20 of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 12-23-76.

Robert B. [Signature]

Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Kenneth Butcher
PH: 736-4885 ADDRESS Barboursville, W. Va.

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 _____ 19__ by Joe Hamer et ux made to Dale Adkins and recorded on the _____ day of _____ 19__, in Wayne County, Book _____ Page _____

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, Dale Adkins
(Sign Name) *[Signature]*
Well Operator

Address
of
Well Operator

P O Box 5557
Street
Huntington
City or Town
West Virginia 25703
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.

BOND DRILL

WAY-1586

PERMIT NUMBER

47-099

**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 S. W. Jack Drilling NAME Dale Adkins
 ADDRESS Indiana, Penn ADDRESS P O Box 5557, Huntington, W.Va.
 TELEPHONE 412-463-9191 TELEPHONE 453-3553
 ESTIMATED DEPTH OF COMPLETED WELL: 3400 ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Devonian Shale
 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	16'		
13 - 10			
9 - 5/8	300	300	50 sks Circulated
8 - 5/8			
7	1700	1700	50 SKS RFC
5 1/2			
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 68 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS None Known _____
 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