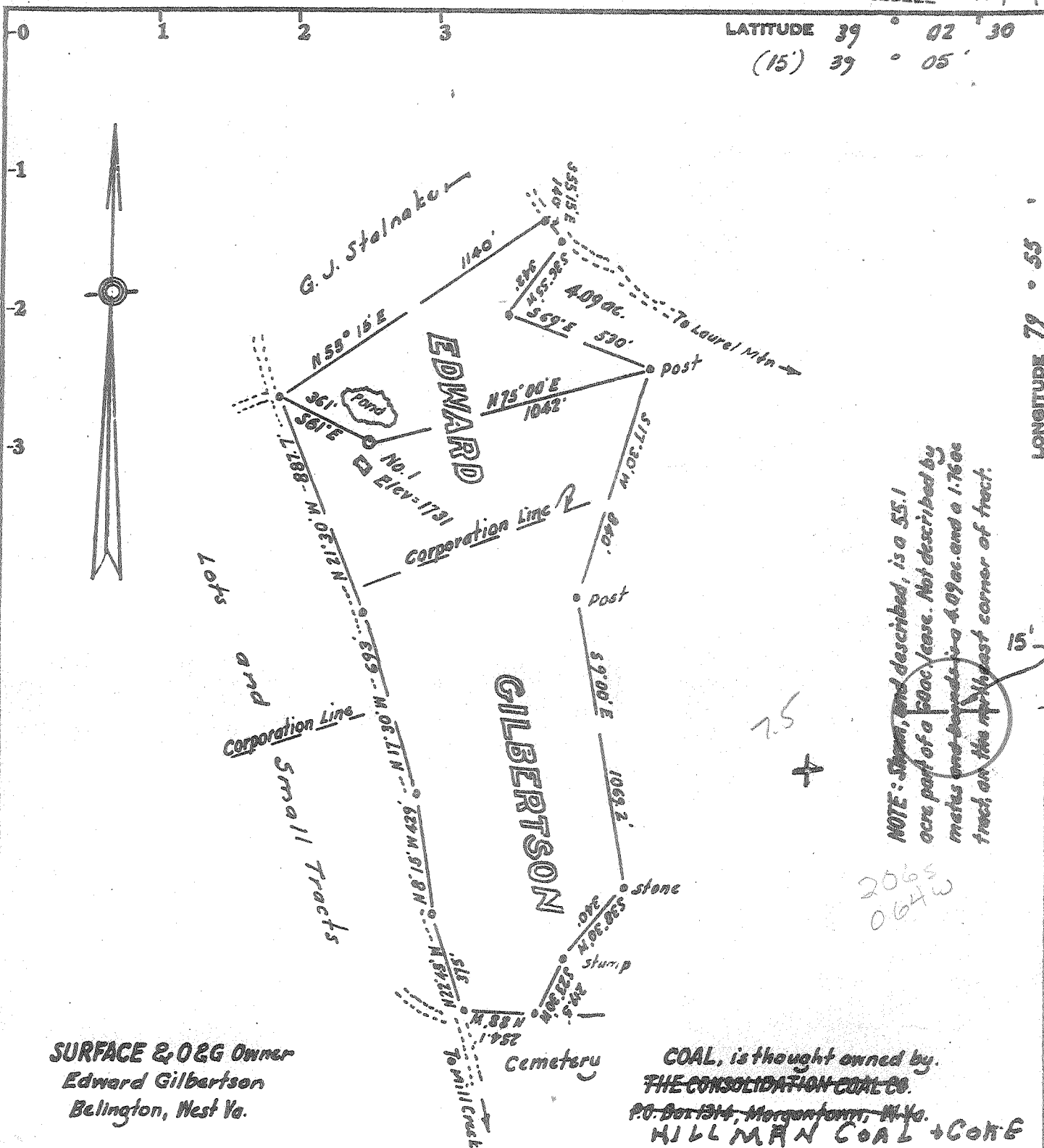


LATITUDE 39° 02' 30"
(15) 39° 05'

LONGITUDE 79° 55'



SURFACE & O&G Owner
Edward Gilbertson
Belington, West Va.

COAL, is thought owned by:
THE CONSOLIDATION COAL CO.
P.O. Box 1314, Morgantown, W. Va.
HILLMAN COAL & COKE

Minimum Error of Closure 1 in 200
Source of Elevation USGS B.M. at Mill Creek Reservoir - 1919

Partial Plug 4/12/78
Fracture.....
New Location.....
Drill Deeper.....
Abandonment..... 8/6/79

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: M. Abbott
Squares: N S E W

Company MONITOR PETROLEUM CORP.
Address 5/2 Eugene Pruitt, Belington, W. Va.
Farm Edward Gilbertson
Tract _____ Acres 60 Lease No. _____
Well (Farm) No. One Serial No. _____
Elevation (Spirit Level) 1731
Quadrangle Belington 7 1/2', 15' SW
County Barbour District Volley BARKER
Engineer M. Abbott
Engineer's Registration No. 1227 LLS No. 200
File No. _____ Drawing No. _____
Date Dec. 8, 1977 Scale 1" = 500'

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

WELL LOCATION MAP
FILE NO. BAR-938-PP-P

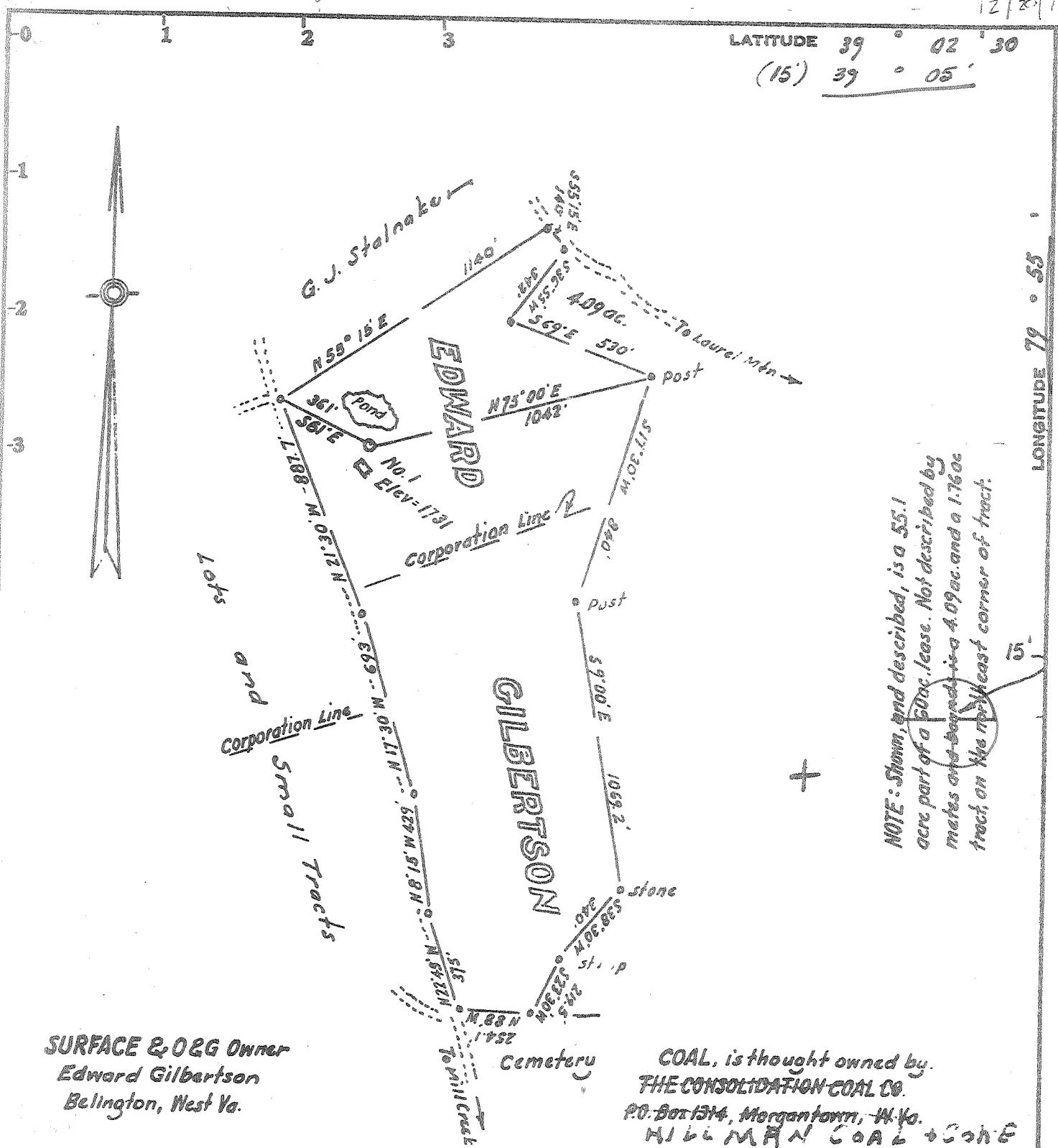
+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 to 24,000, latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing. 47-001 AUG 13 1979

4000 - Benson

12/20/77

LATITUDE 39° 02' 30"
(15) 39° 05'



LONGITUDE 79° 55'

SURFACE & O&G Owner
Edward Gilbertson
Belington, West Va.

COAL, is thought owned by
THE CONSOLIDATION COAL CO.
P.O. Box 1314, Morgantown, W. Va.
MILLMAN COAL & CONE

Minimum Error of Closure 1 in 200

Source of Elevation USGS B.M. at Mill Creek Reservoir - 1919

Partial Plug 4/12/78
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: M. Abbott
Squares: N S E W

Company MONITOR PETROLEUM CORP.
Address % Eugene Pruitt, Belington, W. Va.
Farm Edward Gilbertson
Tract _____ Acres 60 Lease No. _____
Well (Farm) No. One Serial No. _____
Elevation (Spirit Level) 1731
Quadrangle Belington 7 1/2', 15' SW
County Barbour District Valley BARBER
Engineer M. Abbott
Engineer's Registration No. 1227 LLS No. 200
File No. _____ Drawing No. _____
Date Dec. 8, 1977 Scale 1" = 500'

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

WELL LOCATION MAP
FILE NO. BAR-938-PP

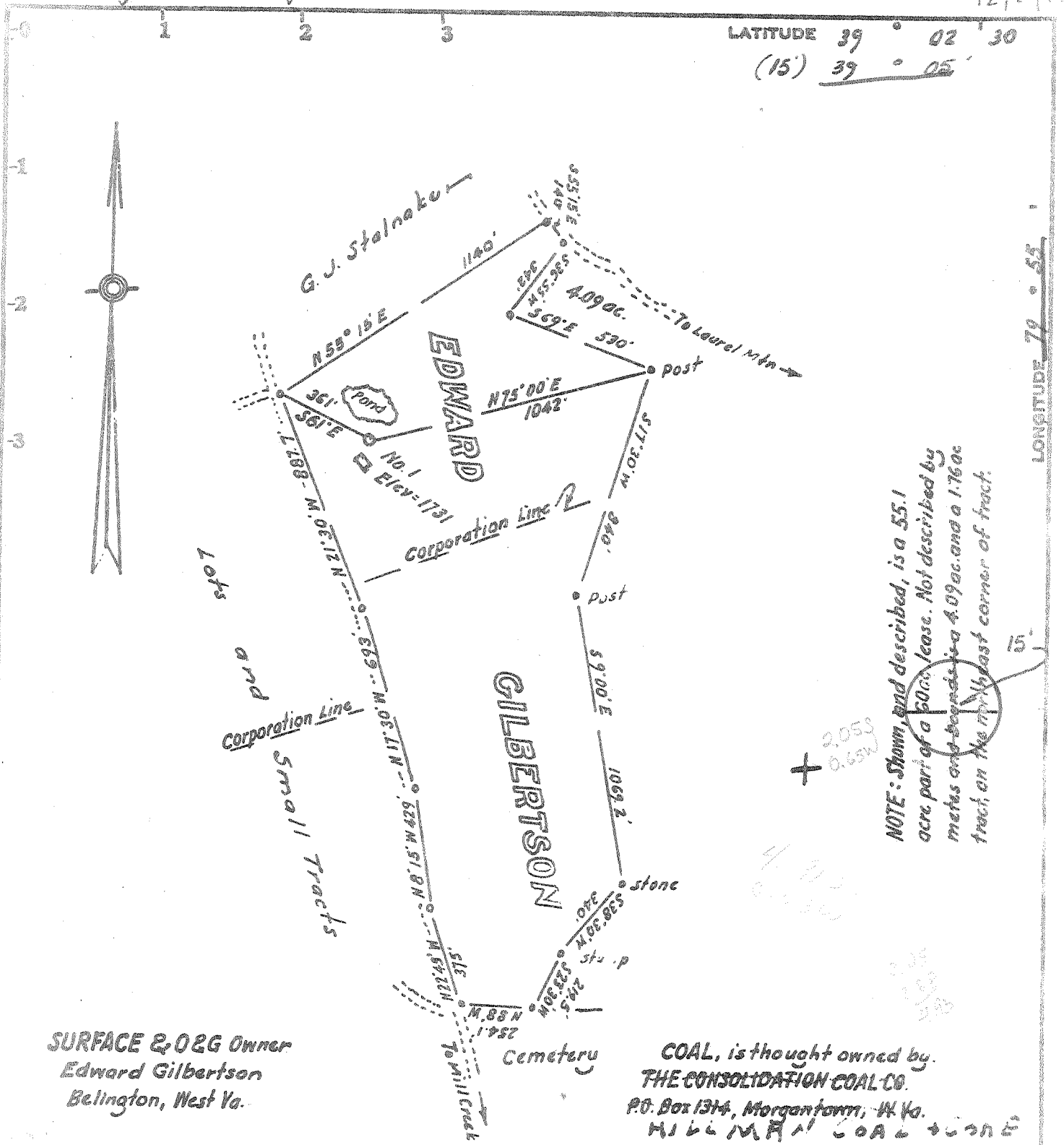
+ Denotes location of well on United States Topographic Maps, scale 1 to ^{62,500}/_{24,000}, latitude and longitude lines being represented by border lines as shown.

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

47-001 MAY 10 1978

LATITUDE 39° 02' 30"
(15) 39° 05'

LONGITUDE 79° 53'



SURFACE & O&G Owner
Edward Gilbertson
Belington, West Va.

COAL, is thought owned by
THE CONSOLIDATION COAL CO.
P.O. Box 1314, Morgantown, W. Va.
MILLMAN COAL & OIL

Minimum Error of Closure 1 in 200

Source of Elevation USGS B.M. at Mill Creek Reservoir = 1919

- 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: M. Abbott
Squares: N S E W

Company MONITOR PETROLEUM CORP.
 Address to Eugene Pruitt, Belington, W. Va.
 Farm Edward Gilbertson
 Tract _____ Acres 60 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 1731
 Quadrangle Belington 7 1/2', 15' SW
 County Barbour District Valley EARNER
 Engineer M. Abbott
 Engineer's Registration No. 1227 LLS No. 200
 File No. _____ Drawing No. _____
 Date Dec. 8, 1977 Scale 1" = 500'

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

WELL LOCATION MAP
FILE NO. BAR-938
P.P.P.

+ Denotes location of well on United States Topographic Maps, scale 1 to 52,500 or 24,000, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing. 47-001 JAN 13 1978



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

RECEIVED
MAY 10 1978
OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle Belington 7 1/2
Permit No. BAR-938-47-001

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

Company Monitor Petroleum Corporation
Address Box 338, Belington, W.Va. 26250
Farm Gilbertson Acres 60
Location (waters) Mill Creek
Well No. One Elev. 1751
District Barker County Barbour
The surface of tract is owned in fee by Edward Gilbertson
Address Box 66, Belington, W.Va.
Mineral rights are owned by Same As Above
Address _____
Drilling Commenced 4-3-78
Drilling Completed 4-10-78
Initial open flow 2000 cu. ft. 0 bbls.
Final production 50,000 cu. ft. per day 0 bbls.
Well open 3 hrs. before test 500 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10" 11 3/4	23 ft	23 ft	10 sks
9 5/8			
8 5/8	822 ft.	822 ft	215 sks
7			
5 1/2			
4 1/2	XXXXXX 3200 ft		508 sks
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Balltown - 500 gals 15% acid - 750 bbls gel water - 60,000 lbs 20-40 sand
Bayard - 500 gals 15% acid - 400 bbls gel water - 30,000 lbs 20-40 sand
4th & 5th - 750 gals 15% acid - 700 bbls gel water - 50,000 lbs 20-40 sand

Coal @ 323 - 327 See below

Coal was encountered at 81-84, 220-224, Feet 11 ft. Inches
Fresh water 45 ft & 323 ft Feet _____ Salt Water 0 Feet 0
Producing Sand Balltown & Bayard & 4th & 5th Depth 3051-63, 2851-63, 2475-70
2335-38, 2319-16, 2247-43

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay	brn	soft	0	5		Fresh Water @ 45 ft. & 323 ft
Sand	brn	hard	5	45		Electric Log Tops As Follows
Sand	white	hard	45	78		Keener ---- 1517
Sand & Shale	gry	med	78	81		Little Line - 1302
Coal	blk	soft	81	84		Big Line ---- 1372
Sand & Shale	gry	med	84	144		Big Injun --- 1544
Sand	white	hard	144	220		Squaw ----- 1632
Coal	blk	soft	220	224		4th Sand ---- 2240
Sand	gry	med	224	235		5th Sand ---- 2293
Sand & Shale	med gry	med	235	323		Bayard ----- 2460
Coal	blk	soft	323	327		Speechly ---- 2702
Sandy Shale	gry	med hd	327	832		Balltown ---- 2852
Red Rock	red	soft	832	1100		Riley ----- 3690
Shale	gry	soft	1100	1378		Benson ----- 3824
Line	white	hard	1378	1420		
Sand	white	hard	1420	1530		

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale	gry	med	1530	3040		
Sand	gry	med	3040	3061		
Shale & Sand	gry	soft	3061	3824		
Sand	white	med	3824	3830		
Sand & Shale	gry	soft	3830	3835		
Sand	white	med	3835	3839		
Sand & Shale	gry	med	3839	3999 T.D.		

Benson

Date April 26 1918
 APPROVED Wm. L. ... Owner
 By ... (Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

RECEIVED

DEC 20 1977

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE Dec. 19, 1977

Surface Owner Edward Gilbertson
Address Box 66, Belington, W.Va. 26250
Mineral Owner Edward Gilbertson
Address Box 66, Belington, W.Va. 26250
Coal Owner Hillman Coal & Coke Co.
Address Pittsburg, Pa. 15219
Coal Operator No Coal Being Mined In Area
Address _____

Company Monitor Petroleum Corporation
Address Box 338, Belington, W.Va. 26250
Farm Gilbertson Acres 60
Location (waters) Mill Creek
Well No. 1 Elevation 1251
District Barker County Barbour
Quadrangle Belington 7 1/2

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 5-3-78

INSPECTOR
TO BE NOTIFIED _____
ADDRESS _____
PHONE _____

[Signature]
Deputy Director - Oil & Gas Division

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 Dec. 1 19 77 by Edward Gilbertson made to Monitor Petroleum Corp. and recorded on the 2nd day of Dec. 19 77 in Barbour County, Book 78 Page 359

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 Dec 19 day 19 77 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, WEST VIRGINIA 26505
AC-304 - 292-6331

Address of Well Operator

Very truly yours, Monitor Petroleum Corp.
(Sign Name) Eugene Pruitt Well Operator
Box 338
Street
Belington, W.Va. 26250
City or Town
W.Va.
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.

BLANKET BOND

BAR-938 PERMIT NUMBER
47-001

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by Eugene Pruitt

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 Union Drlg. Co. NAME Eugene Pruitt
 ADDRESS Buckhannon, W.Va. ADDRESS Box 338, Belington, W.Va. 2625
 TELEPHONE 472-4610 TELEPHONE 823-2350 & 823-2585
 ESTIMATED DEPTH OF COMPLETED WELL: 4000 ft. ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Benson
 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 <u>11 3/4</u>	<u>24 ft</u>	<u>24 ft</u>	<u>10 sks.</u>
9 - 5/8			
8 - 5/8	<u>900 ft.</u>	<u>900 ft.</u>	<u>275 sks.</u>
7			
5 1/2			
4 1/2		<u>4000 ft.</u>	<u>500 sks.</u>
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS ?? FEET ?? SALT WATER ?? FEET ??
 APPROXIMATE COAL DEPTHS Unknown
 IS COAL BEING MINED IN THE AREA? No BY WHOM? No One

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

