

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

Source of Elevation E.G.C. WELL 5506 (DODD-1895-RD) ELV. 1263.85'

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.

Minimum accuracy, one part in 200

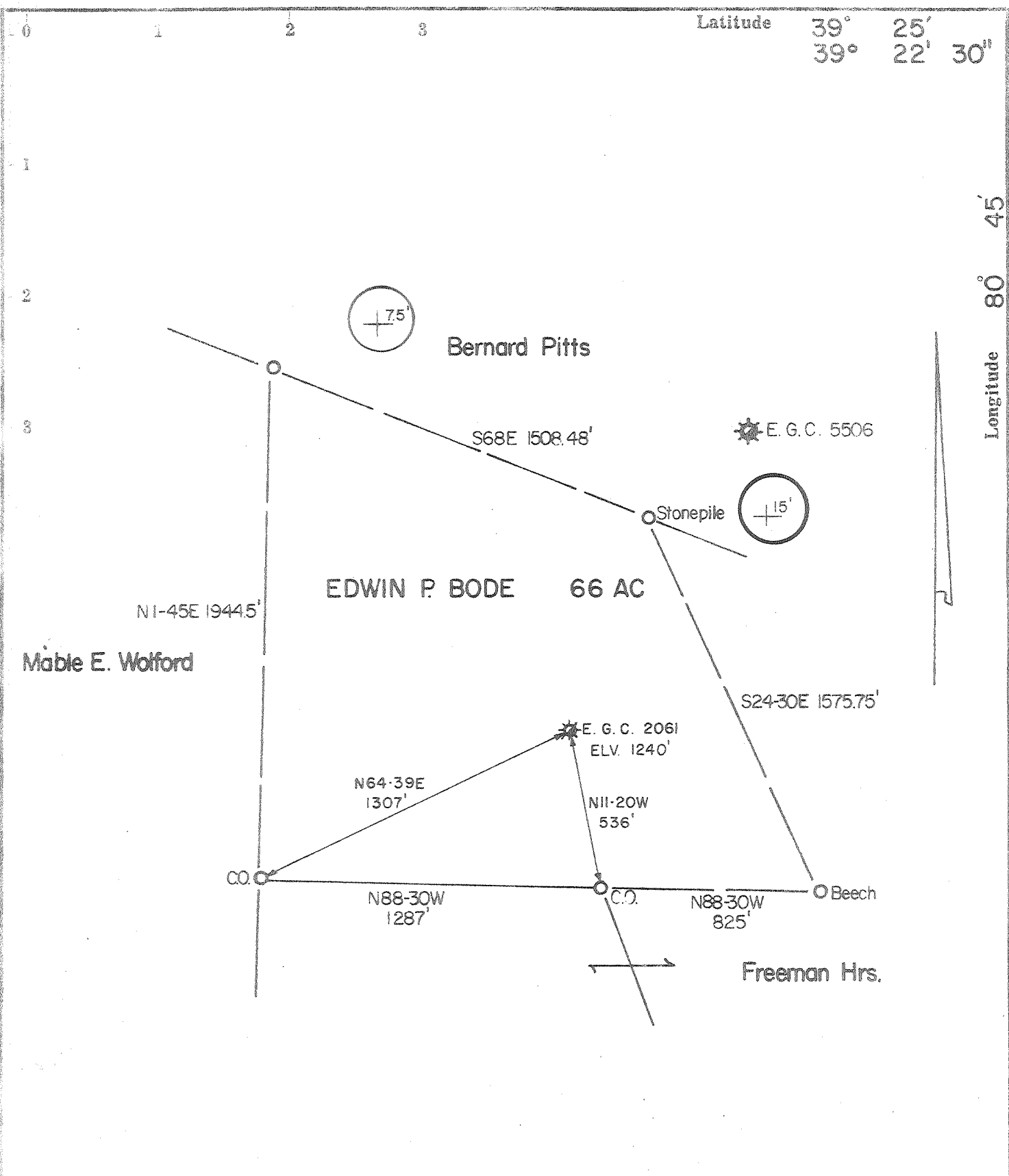
Company	EQUITABLE GAS COMPANY	
Address	PITTSBURGH, PA. 15219	
Farm	EDWIN P. BODE	
Tract	Acres 66	Lease No. 26179
Well (Farm) No.	Serial No. 2061	
Elevation (Spirit Level)	1236'	
Quadrangle	WEST UNION ●EC32-21-2	
County	DODDRIDGE	District WEST UNION
Engineer	<i>[Signature]</i>	
Engineer's Registration No.	L.L.S. NO. 105	
File No.	232/64	Drawing No.
Date	6/10/80	Scale 1" = 500'

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

WELL LOCATION MAP
FILE NO. 017-2791 RED

+ 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.



Fracture
 Redrill (REVISED)
 New Location
 Drill Deeper
 Abandonment

Source of Elevation E.G.C. Well 5506 (DODD-1895-) ELV. 1263.85'
 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.
 Minimum accuracy, one part in 200'

Company EQUITABLE GAS COMPANY
 Address PITTSBURGH, PA. 15219
 Name EDWIN P. BODE
 Acres 66 Lease No. 26179
 Well No. 2061 Serial No. 2061
 Elevation (Spirit Level) 1240'
 Township W. UNION Range 32 Section 2-2 EC
 County DODDRIDGE District W. UNION
 Engineer [Signature]
 Engineer's Registration No. L.L.S. 105
 File No. 222-C/68 Drawing No. 8-8-80
 Date 8-8-80 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. 47-017-2791-RED. REV.

— 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.

SEP 9 1980

9-0 Wilbur (92)



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

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

Quadrangle West Union SE 2'

Permit No. 2791 - Red

Company Equitable Gas Company
Address 420 Blvd. of the Allies, Pgh. PA
Farm Edwin P. Bode Acres 66
Location (waters) Branch of Sandy Run
Well No. 2061 Elev. 1240'
District Grant County Doddridge
The surface of tract is owned in fee by Edwin Bode, et al
Address 200 Grand Ave., West Union, WV 26456
Mineral rights are owned by Same as Above
Address _____
Drilling Commenced 9-2-80
Drilling Completed 12-17-80
Initial open flow N/A cu. ft. N/A bbls.
Final production N/A cu. ft. per day N/A bbls.
Well open N/A hrs. before test N/A RP.
Well treatment details:
500 gals 15% HCL; perf. with 24 shots, 2 shots/foot 2136'-2148'

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			4½ cemented to w/65 sks 1500' RFC
Cond. 12 10"	177'		
9 5/8			
8 5/8	1027'		
7	1871'	1871'	
5 1/2			
4 1/2	2192'	2192'	
3			
2			
Liners Used			

Attach copy of cementing record.

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Depth 2135' to 2149'
Storage Sand Keener

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Big Lime			2063	2132		<div style="text-align: center;"> <h1>RECEIVED</h1> <p>JUN - 4 1981</p> <p>OIL & GAS DIVISION DEPT. OF MINES</p> <p>JUN 23 1981</p> </div>
Big Injun ✓			2134	2257		
T.D.			2300			

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

RECEIVED
JUL 17 1980
OIL & GAS DIVISION
DEPT. OF MINES

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

DATE March 13, 1980

Surface Owner Edwin P. Bode, et al.

Company EQUITABLE GAS COMPANY

Address 200 Grand Ave., W. Union, WV 26456

Address 420 Blvd. of the Allies, Pgh., PA 15219

Mineral Owner same as above

Farm Edwin P. Bode, et al. Acres 66

Address _____

Location (waters) Branch of Sandy Run

Coal Owner same as above

Well No. 2061 Elevation _____

Address _____

District Grant County Doddridge

Coal Operator _____

Quadrangle West Union SE 21-2

Address _____

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 redrilling. This permit shall expire if operations have not commenced by 3-21-81

INSPECTOR

TO BE NOTIFIED Paul Garrett

ADDRESS 321 Beech St., Clarksburg, WV 26301

PHONE 622-3871

Fred B. Williams
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 October 3, 1972 by Edwin P. Bode, et al. made to Equitable Gas Company and recorded on the 30th day of November 1972, in Doddridge County, Book 96 Page 401

_____NEW WELL_____ DRILL DEEPER XX 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, WEST VIRGINIA 26505
AC-304 - 292-6331

Very truly yours,

(Sign Name) Richard E. Williams
Equitable Gas Company
Well Operator

Address
of
Well Operator

420 Boulevard of the Allies
Street
Pittsburgh
City or Town
Pennsylvania 15219
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.

4 7-017-2791-RED. _____ PERMIT NUMBER

"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 _____

BLANKET BOND
Survey

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

PROPOSED WORK ORDER TO XX RE-DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME _____ NAME R. E. Williams
 ADDRESS _____ ADDRESS 420 Blvd. of the Allies, Pgh, PA 15
 TELEPHONE _____ TELEPHONE 412-471-7600
 ESTIMATED DEPTH OF COMPLETED WELL: _____ ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: _____
 TYPE OF WELL: OIL _____ GAS _____ COMB. _____ STORAGE XX 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	266	98	<i>Pulled 3-15-15</i>
9 - 5/8			
8 - 5/8 ^{1/2}	1263	218	<i>Pulled 8-15-15</i>
7 6-5/8	2065	153	<i>Pulled 8-15-15</i>
5 1/2			
4 1/2	2350	2350	
3	161	Pulled 11-07-1913	Perf. Top
2	2152	Pulled 11-07-1913	Perf. Bottom
Liners	2283	Pulled 8-15-1915	Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS Pittsburgh Coal Co. 812-814 _____
 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