



Minimum Error of Closure 1 in 200'

Source of Elevation USGS BM at Belington = 1698

- 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: [Signature]
 Squares: N S E W

Map No. _____

Company Patrick Petroleum Corp.
 Address 600 Commerce Sq. Charleston, W. Va.
 Farm W. E. EVERSON
 Tract _____ Acres 82.7 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 2017
 Quadrangle Philippi SE
 County Barbour District Barker
 Engineer [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date January 2, 1972 Scale 1" = 200' = 495'

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

WELL LOCATION MAP

FILE NO. Bar-630

+ 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

Quadrangle Phillipi

Permit No. BAR-630

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

| | | | | |
|---|-------------------|------------------|--------------|-------------------------------|
| Company <u>Patrick Petroleum Corporation</u> | Casing and Tubing | Used in Drilling | Left in Well | Cement fill up Cu. ft. (Sks.) |
| Address <u>908 Nelson Bldg., Charleston, W. Va.</u> | | | | |
| Farm <u>W. E. Everson</u> Acres <u>84</u> | Size | | | |
| Location (waters) <u>Middle Fork</u> | 20-16 | | | |
| Well No. <u>1</u> Elev. <u>2,017'</u> | Cond. | | | |
| District <u>Barker</u> County <u>Barbour</u> | 13-10" | | | |
| The surface of tract is owned in fee by <u>Same</u> | 9 5/8 | | | |
| Address <u>Belington, W. Va.</u> | 8 5/8 | 422' | 422' | 158 Sks |
| Mineral rights are owned by <u>Same</u> | 7 | | | |
| Address _____ | 5 1/2 | | | |
| Drilling Commenced <u>3-9-73</u> | 4 1/2 | 2,267' | 2,267' | 164 Sks |
| Drilling Completed <u>3-15-73</u> | 3 | | | |
| Initial open flow _____ cu. ft. _____ bbls. | 2 1" - 10Rd | 2,174 | 2,174 | |
| Final production <u>17M</u> cu. ft. per day _____ bbls. | Liners Used | | | |
| Well open <u>Show</u> hrs. before test _____ RP. | | | | |

Well treatment details: Fractured fifth sand with 500 gal. reg. 15% acid, 10,000# 20/40 Sd. and 250 BBLs treating fluid.

Treated Injun & Lime with 500 gal. 15%, 1,500 gal. raw acid (5%). 18,000# 20/40 Sand and 345 BBLs treating fluid.

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Injun, lime & fifth Sand Depth 1,294' 2,154'

| Formation | Color | Hard or Soft | Top Feet | Bottom Feet | Oil, Gas or Water | * Remarks |
|--------------|-------|--------------|----------|-------------|-------------------|-----------|
| No Record | | | 0 | 1,100 | | |
| Shale | | | 1,100 | 1,150 | | |
| Little Lime | | | 1,150 | 1,173 | | |
| Shale | | | 1,173 | 1,192 | | |
| Big Lime | | | 1,192 | 1,272 | | |
| Injun | | | 1,272 | 1,438 | | |
| Sand & shale | | | 1,438 | 1,504 | | |
| Gantz | | | 1,504 | 1,530 | | |
| Sand & shale | | | 1,530 | 1,598 | | |
| Shale & sand | | | 1,598 | 1,842 | | |
| Sand & shale | | | 1,842 | 2,176 | | |
| <u>Fifth</u> | | | 2,176 | 2,224 | | |
| Sand & shale | | | 2,224 | -- | | |
| Total Depth | | | -- | 2,272 | | |

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
MAR 5 1973

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE March 5, 1973

Surface Owner W. E. Everson
Address Belington, West Virginia
Mineral Owner Same
Address _____
Coal Owner Same
Address _____
Coal Operator Same
Address _____

Company Patrick Petroleum Corporation
Address 910 Nelson Bldg., Charleston, W. Va.
Farm Everson, W. E. Acres 84
Location (waters) Middle Fork
Well No. 1 Elevation 2017
District Barker County Barbour
Quadrangle Phillipi

INSPECTOR TO BE NOTIFIED

Mr. Paul Thomas
Box 12 PH: 472-6418
Buckhannon
W. Va. 26201

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 7-5-73

Robert L. Jones
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 Jan. 2, 1973 by W. E. Everson made to Trittipo & Coffman and recorded on the 20th day of Jan. 1973, in Barbour County, Book 172 Page 209

_____ 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.

Very truly yours,

(Sign Name)

Patrick Petroleum Corporation
910 Nelson Bldg.

Address
of
Well Operator

Street
Charleston,
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.

BLANKET BOND

Bar-630 PERMIT NUMBER

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 F. W. A. Drilling Company NAME J. L. Trittipo
 ADDRESS Charleston, W, Va. ADDRESS Charleston, W, Va.
 TELEPHONE 965-5201 TELEPHONE 343-9383
 ESTIMATED DEPTH OF COMPLETED WELL: 2600 ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Fifth Sand
 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 | | | |
| 13 - 10 | | | |
| 9 - 5/8 | | | |
| 8 - 5/8 | | 420 | Circulate |
| 7 | | | |
| 5 1/2 | | 2400 | 1000 Feet |
| 4 1/2 | | | |
| 3 | | | Perf. Top |
| 2 | | | Perf. Bottom |
| Liners | | | Perf. Top |
| | | | Perf. Bottom |

APPROXIMATE FRESH WATER DEPTHS 70 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS 400 Est.
 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