

**BENCH MARK DESCRIPTION**  
 U. S. G. S. N-118 (1956) - Standard  
 Disc Set in Face of Rock Cut on  
 North Side Mile Rt. 56. El. 595'

**NOTE: COAL NOT OPERATED.**

|               |                                     |
|---------------|-------------------------------------|
| Fracture      |                                     |
| Before 6/5/29 | <input type="checkbox"/>            |
| Not Fractured | <input checked="" type="checkbox"/> |
| Drill Deeper  | <input type="checkbox"/>            |
| Redrill       | <input type="checkbox"/>            |
| Abandonment   | <input checked="" type="checkbox"/> |

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 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.  
 The accuracy of this survey is within the limits and as prescribed in Paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.

Company PITKICK PETROLEUM CORP. & PETROLEUM DEVELOPMENT CORP.  
 Address CHARLESTON, W.VA.  
 Farm CARL BEATTY, ET AL.  
 Tract 1 Acres 106 1/2 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 766.37'  
 Quadrangle RIPLEY, W.VA. NW  
 County JACKSON District RAVENSWOOD  
 Surveyor Jarrel A. Cline  
 Surveyor's Registration No. 259  
 File No. 3-191 Drawing No. \_\_\_\_\_  
 Date 4-6-1973 Scale 1" = 300'

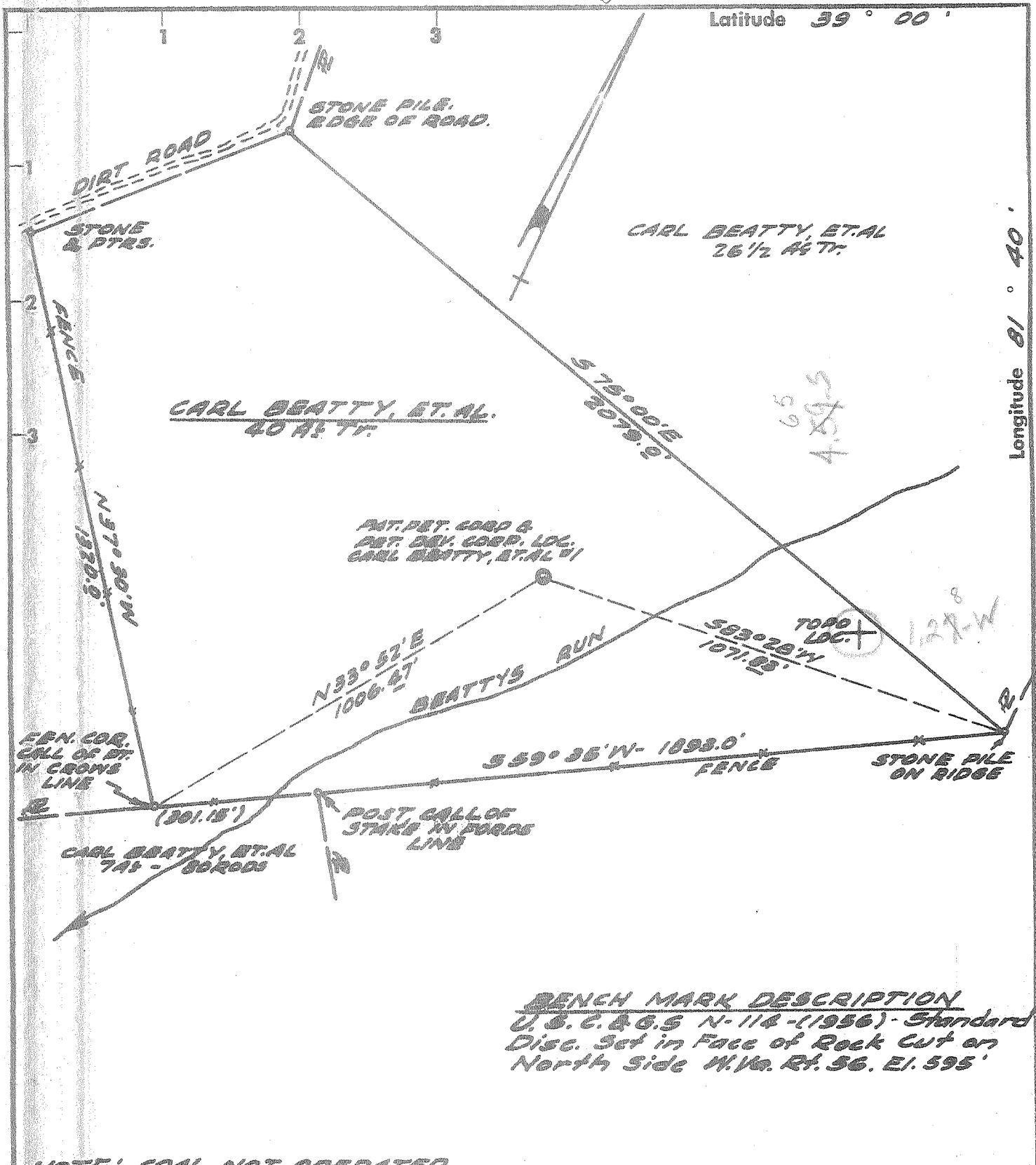
STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

WELL LOCATION MAP  
 FILE NO. loc. 1357-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.

*Deep Well*

JUN 5 1974



NOTE: COAL NOT OPERATED.

- Fracture Before 6/5/29
- New Location
- Drill Deeper
- Redrill
- 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 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.

The accuracy of this survey is within the limits and as prescribed in Paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.

Company PATRICK PETROLEUM CORP. & PETROLEUM DEVELOPMENT CORP.

Address CHARLESTON, W.VA.

Farm CARL BEATTY, ET AL.

Tract 1 Acres 1067 Lease No. \_\_\_\_\_

Well (Farm) No. 1 Serial No. \_\_\_\_\_

Elevation (Spirit Level) 766.87'

Quadrangle RIPLEY, W.VA. NW

County JACKSON District RAVENSHOOD

Surveyor Jarrel A. Clendinning

Surveyor's Registration No. 259

File No. 3-191 Drawing No. \_\_\_\_\_

Date 4-6-1973 Scale 1" = 300'

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

WELL LOCATION MAP  
 FILE NO. Jac-1357

+ 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.

5-0 Wheaton Run 324

Deep well

APR 18 1973



RECEIVED  
MAY 6 1974

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

OIL & GAS DIVISION  
DEPT. OF MINES

39-00  
(8) 1-54

Oil and Gas Division

WELL RECORD

Quadrangle Ripley  
Permit No. Jac-1357

Rotary X Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas \_\_\_\_\_  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ Dry \_\_\_\_\_  
(Kind) c. NOED

|  |                      |                     |                 |                                  |
|--|----------------------|---------------------|-----------------|----------------------------------|
| Company <u>Patrick Petroleum Corporation</u>       | Casing and<br>Tubing | Used in<br>Drilling | Left<br>in Well | Cement fill up<br>Cu. ft. (Sks.) |
| Address <u>908 Nelson Bldg., Chas., W. Va.</u>     |                      |                     |                 |                                  |
| Farm <u>Carl Beatty</u> Acres _____                | Size                 |                     |                 |                                  |
| Location (waters) _____                            | 20-16                |                     |                 |                                  |
| Well No. <u>1</u> Elev. <u>775</u> EKB             | Cond.                |                     |                 |                                  |
| District <u>Ravenswood</u> County <u>Jackson</u>   | <del>13 5/8</del>    | 72                  | 72              | 50 sks.                          |
| The surface of tract is owned in fee by _____      | 9 5/8                | 2105                | 2105            | 420 sks.                         |
| Address _____                                      | 8 5/8                |                     |                 |                                  |
| Mineral rights are owned by _____                  | 7                    | 5590                | + 1390          | 130 sks.                         |
| Address _____                                      | 5 1/2                |                     |                 |                                  |
| Drilling Commenced <u>4-16-73</u>                  | 4 1/2                |                     |                 |                                  |
| Drilling Completed <u>5-2-73</u>                   | 3                    |                     |                 |                                  |
| Initial open flow <u>21 M</u> cu. ft. _____ bbls.  | 2                    |                     |                 |                                  |
| Final production _____ cu. ft. per day _____ bbls. | Liners Used          |                     |                 |                                  |
| Well open _____ hrs. before test _____ RP.         |                      |                     |                 |                                  |

Attach copy of cementing record.

Well treatment details:  
Not treated

Coal was encountered at \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
~~XXXXXX~~ Sand Newburg Depth 5620 5626  
deepest

| Formation        | Color | Hard or Soft | Top Feet | Bottom Feet | Oil, Gas or Water | * Remarks |
|------------------|-------|--------------|----------|-------------|-------------------|-----------|
| Big Lime         |       |              | 1596     | 1896        | 4744              | 4850      |
| Shale            |       |              | 1896     | 1932        | 775               | 775       |
| Injum            |       |              | 1932     | 2012        | 3969              | 4075      |
| Shale            |       |              | 2012     | 2348        |                   |           |
| Coffee Shale     |       |              | 2348     | 2372        |                   |           |
| Berea            |       |              | 2372     | 2380        |                   |           |
| Shale            |       |              | 2380     | 4744        |                   |           |
| Corniferous      |       |              | 4744     | 4850        |                   | 5620      |
| Oriskany         |       |              | 4850     | 4872        |                   | 775       |
| Lime             |       |              | 4872     | 5046        | 21 MCF            | 4845      |
| Lime & Dolomite  |       |              | 5046     | 5594        |                   | 4675      |
| Shale & Dolomite |       |              | 5594     | 5620        |                   | 770       |
| Newburg          |       |              | 5620     | 5626        |                   |           |
| Lime & Shale     |       |              | 5626     | --          |                   |           |
| TOTAL DEPTH      |       |              |          | 5655        |                   |           |

(over)

\* Indicates Electric Log tops in the remarks section.

JUN 5 1974



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

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APR 9 1973

OIL & GAS DIVISION  
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner Carl Beatty  
Address Ravenswood, W. Va.  
Mineral Owner Carl Beatty, et al  
Address Ravenswood, W. Va.  
Coal Owner No coal  
Address \_\_\_\_\_  
Coal Operator No coal  
Address \_\_\_\_\_

DATE April 9, 1973  
Company PATRICK PETROLEUM CORPORATION & Petroleum Development Corporation  
Address Suite 901 Nelson Building Charleston, West Virginia  
Farm Carl Beatty, et al Acres 106  
Location (waters) Beatty's Run of Sandy Cr.  
Well No. One (1) Elevation 766.37'  
District Ravenswood County Jackson  
Quadrangle Ripley

INSPECTOR TO BE NOTIFIED Mr. Fred Boudette  
Box 190 PH: 984-9203

Cicerone Route  
Pissonville  
W. Va. 25185

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 8/10/73.

[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 October 1, 1966 by Carl E. Beatty, & Wife made to Commonwealth Gas Corp and recorded on the 18 day of November 1966 in Jackson County, Book 103 Page 255 (Farmout & Lease)  
 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, PATRICK PETROLEUM CORPORATION & Petroleum Development Corp.  
(Sign Name) [Signature]  
Well Operator

Address  
of  
Well Operator

Suite 901 Nelson Building  
Street  
Charleston, West Virginia  
City or Town  
\_\_\_\_\_  
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

JAC-1357

PERMIT NUMBER

[Signature]

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 Burdette Drilling Company NAME Donald C. Supcoe  
 ADDRESS 7-1/2 Spring Street ADDRESS Charleston, West Virginia  
Charleston, West Virginia TELEPHONE 344-9864  
 TELEPHONE \_\_\_\_\_ ESTIMATED DEPTH OF COMPLETED WELL: 5600' ROTARY X CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Newberg  
 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 - <del>10</del> 3/8" | 100'                     | 100          | Cmt. to surface                     |
| 9 - 5/8                 | 2100'                    | 2100         | Cmt. to surface                     |
| 8 - 5/8                 |                          |              |                                     |
| 7                       | 5650'                    | 5650         | 150 sks.                            |
| 5 1/2                   |                          |              |                                     |
| 4 1/2                   | To be determined by logs |              |                                     |
| 3                       |                          |              | Perf. Top                           |
| 2                       |                          |              | Perf. Bottom                        |
| Liners                  |                          |              | Perf. Top                           |
|                         |                          |              | Perf. Bottom                        |

APPROXIMATE FRESH WATER DEPTHS \_\_\_\_\_ FEET \_\_\_\_\_ SALT WATER \_\_\_\_\_ FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS No Coal  
 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