



1) Date: April 15, 19 85  
 2) Operator's Well No. New River 49-AR  
 3) API Well No. 47-081-0685  
 State County Permit

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES, OIL AND GAS DIVISION  
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil        / Gas X /  
 B (If "Gas", Production X / Underground storage        / Deep        / Shallow X)
- 5) LOCATION: Elevation: 2187.3 Watershed: Dunlop Creek of New River  
 District: Town 6 County: Raleigh Quadrangle: Beckley T.S 234
- 6) WELL OPERATOR Peake Operating Co 371007 DESIGNATED AGENT Timothy K Wilcox  
 Address 423 CHAS. NATIONAL PLAZA Address SAME  
CHARLESTON WV. 25301
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Rodney G Dillon Name UNKNOWN  
 Address P.O. Box 30 Address         
SCARBRO WV 25917
- 10) PROPOSED WELL WORK: Drill X / Drill deeper        / Redrill        / Stimulate X /  
 Plug off old formation        / Perforate new formation        /  
 Other physical change in well (specify)
- 11) GEOLOGICAL TARGET FORMATION, Big Line  
 12) Estimated depth of completed well, 2842 feet  
 13) Approximate trata depths: Fresh, 50 feet; salt, 500 feet.  
 14) Approximate coal seam depths: 385 Is coal being mined in the area? Yes
- 15) CASING AND TUBING PROGRAM

RECEIVED  
 APR 15 1985  
 DEPT. OF MINES  
 OIL & GAS DIVISION

| CASING OR TUBING TYPE | SPECIFICATIONS |       |                |     | FOOTAGE INTERVALS |              | CEMENT FILL-UP OR SACKS (Cubic feet) | PACKERS |                             |
|-----------------------|----------------|-------|----------------|-----|-------------------|--------------|--------------------------------------|---------|-----------------------------|
|                       | Size           | Grade | Weight per ft. | New | Used              | For drilling |                                      |         | Left in well                |
| Conductor             | 12 3/4         | H-40  | 42             | X   |                   | 30           | 30                                   | CTB     | Kinds                       |
| Fresh water           | 9 5/8          | H-40  | 36             | X   |                   | 420          | 420                                  | CTB     |                             |
| Coal                  |                |       |                |     |                   |              |                                      |         | Sizes                       |
| Intermediate          | 7              | J-55  | 17             | X   |                   | 900          | 900                                  | 150 sls | Depths set                  |
| Production            | 4 1/2          | J-55  | 9.5            | X   |                   | 2650         | 2650                                 | 300 sls |                             |
| Tubing                |                |       |                |     |                   |              |                                      |         |                             |
| Liners                |                |       |                |     |                   |              |                                      |         | Perforations:<br>Top Bottom |

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-081-0685 Date May 1 19 85

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires May 1, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

|                  |                  |                 |                   |                  |
|------------------|------------------|-----------------|-------------------|------------------|
| Bond: <u>111</u> | Agent: <u>SW</u> | Plat: <u>MU</u> | Casing: <u>MU</u> | Fee: <u>4449</u> |
|------------------|------------------|-----------------|-------------------|------------------|

Margaret J. Hesse  
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.



OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

*Handwritten notes:*  
 SAME  
 Timothy J. Wilson  
 Beckley W.S.  
 Dunlap Creek of New River  
 Raleigh  
 STATE OPERATING CO 37100  
 CHARLESTON, WV 25301  
 H&B CHRS. NATIONAL PLAZA  
 STATE OPERATING CO  
 TOWN  
 8107.3

*Handwritten notes:*  
 UNKNOWN  
 Robert C. Dillon  
 3000 WY 22117  
 8845  
 882 50

*Handwritten notes:*  
 Big Line  
 8845  
 882 50

DEPARTMENT OF MINERS  
 OF WEST VIRGINIA

|               |   |    |    |     |    |     |
|---------------|---|----|----|-----|----|-----|
| 13011 H-40 30 | X | 45 | 30 | 450 | 30 | 450 |
| 13012 H-40 30 | X | 45 | 30 | 450 | 30 | 450 |
| 13013 H-40 30 | X | 45 | 30 | 450 | 30 | 450 |
| 13014 H-40 30 | X | 45 | 30 | 450 | 30 | 450 |
| 13015 H-40 30 | X | 45 | 30 | 450 | 30 | 450 |

OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

|                                    | Date | Date(s) |
|------------------------------------|------|---------|
| Application received               |      |         |
| Well work started                  |      |         |
| Completion of the drilling process |      |         |
| Well Record received               |      |         |
| Reclamation completed              |      |         |

OTHER INSPECTIONS

Reason: \_\_\_\_\_  
 Reason: \_\_\_\_\_



1) Date: April 15, 1985  
2) Operator's Well No. New River # 49-AR  
3) API Well No. 47 081-0685  
State County Permit

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OFFICE OF OIL & GAS

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name NEW RIVER COMPANY  
Address P.O. Box 711  
Mt. Hope, WV 25880  
(ii) Name Attor: Lou Brigglio  
Address \_\_\_\_\_  
(iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

5(i) COAL OPERATOR New River Company  
Address SAME

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name Western Pocahontas Corp.  
Address CSX Minerals  
P.O. Box 2827  
Name Huntington, WV 25727  
Address Attor: John H. Mooney

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:  
Name New River Company  
Address SAME

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

6) EXTRACTION RIGHTS

Check and provide one of the following: (on file)  
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.  
 The requirement of Code 22-4-1-(c)(1) through (4). (See reverse side for specifics.)

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.



The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

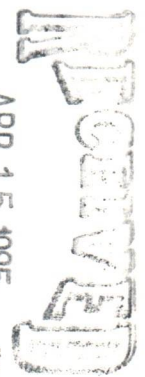
Timothy K. Wilcox  
this 15 day of April, 1985.  
My commission expires June 30, 1999.

Bruce E. Turner  
Notary Public, STATEWIDE County,  
State of WEST VIRGINIA

WELL OPERATOR Peake Operating Company  
By Timothy K. Wilcox  
Its LAND MANAGER  
Address 423 Charleston Nat'l Plaza  
Charleston, WV 25301  
Telephone (304) 342-6970

OIL & GAS DIVISION  
DEPT. OF MINES

APR 15 1985



12/29/2023



12/29/2023  
Form IV-2 (A)  
Reverse

INSTRUCTIONS TO APPLICANT

P 450 424 166

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL

New River #49-AR and #49-AR

Sent to  
Mr. Lou Briguglio  
Street and No.  
P. O. Box 711  
P.O., State and ZIP Code  
Mt. Hope, WV 25880

Postage \$ 73

Certified Fee 75

Special Delivery Fee

Restricted Delivery Fee

Return Receipt Showing to whom and Date Delivered 60

Return Receipt Showing to whom, Date, and Address of Delivery

TOTAL Postage and Fees \$ 218

Postmark or Date  
APR 15 1985

P 450 424 165

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to  
Mr. John Mooney  
Street and No.  
P. O. Box 2827  
P.O., State and ZIP Code  
Huntington, WV 25727

Postage \$ 73

Certified Fee 75

Special Delivery Fee

Restricted Delivery Fee

Return Receipt Showing to whom and Date Delivered 70

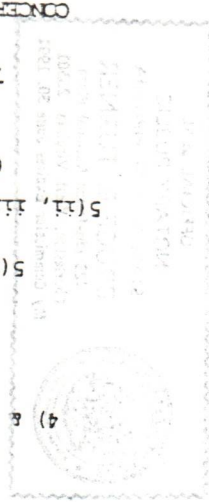
Return Receipt Showing to whom, Date, and Address of Delivery

TOTAL Postage and Fees \$ 218

Postmark or Date  
APR 15 1985

CONCERN

1) 2) 3) 4) 5) 6) 7)



CONCERN

PS Form 3800, Feb. 1982  
File by the payor  
APR 23 1985  
New River 49-AR

INFORMATION SUPPLIED UNDER CODE § 22-4-11 (d)  
IN LIEU OF FILING LEASE (S) AND OTHER CONTINUING CONTRACT (S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that—  
(1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;  
(2) the parties and recordation data (if recorded) for lease (s) or other continuing contract (s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc. Westerly Rockhounds  
Grantee, lessee, etc. Peak Operations  
Royalty 1/8  
Book Page 31/197



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

RECEIVED  
AUG 13 1985

INSPECTOR'S WELL REPORT

Permit No. 081-0685

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY  
Oil or Gas Well \_\_\_\_\_  
(KIND)

|   |   |                  |              |                      |
|---|---|------------------|--------------|----------------------|
| Company <u>Peake</u>                                    | CASING AND TUBING   | USED IN DRILLING | LEFT IN WELL | PACKERS              |
| Address <u>Charleston</u>                               | Size  |                  |              |                      |
| Farm <u>New River Co.</u>                               | 16  |                  |              | Kind of Packer _____ |
| Well No. <u>49AR</u>                                    | 13  |                  |              |                      |
| District <u>Town</u> County <u>Raleigh</u>              | 10  |                  |              | Size of _____        |
| Drilling commenced _____                                | 8 1/4   |                  |              |                      |
| Drilling completed _____ Total depth _____              | 6 1/2   |                  |              | Depth set _____      |
| Date shot _____ Depth of shot _____                     | 5 3/16  |                  |              |                      |
| Initial open flow _____ /10ths Water in _____ Inch      | 3   |                  |              | Perf. top _____      |
| Open flow after tubing _____ /10ths Merc. in _____ Inch | 2   |                  |              | Perf. bottom _____   |
| Volume _____ Cu. Ft.                                    | Liners Used   |                  |              | Perf. top _____      |
| Rock pressure _____ lbs. _____ hrs.                     |   |                  |              | Perf. bottom _____   |
| Oil _____ bbls., 1st 24 hrs.                            | CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____ |                  |              |                      |
| Fresh water _____ feet _____ feet                       | NAME OF SERVICE COMPANY _____                             |                  |              |                      |
| Salt water _____ feet _____ feet                        | COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES           |                  |              |                      |
|   | _____ FEET _____ INCHES _____ FEET _____ INCHES           |                  |              |                      |
|   | _____ FEET _____ INCHES _____ FEET _____ INCHES           |                  |              |                      |

Drillers' Names Big Justice Const

Remarks: LOOK AT LOCATION AFTER BUILDING

8/5/85  
DATE

L. L. Deaton  
DISTRICT INSPECTOR

12/29/2023







23 SEP 05 11: 05  
REC'D. - CHAS.



State of West Virginia  
DEPARTMENT OF ENERGY  
Oil and Gas Division

Date September 19, 1985  
Operator's Well No. 49-AR  
Farm New River  
API No. 47 - 081 - 0685

WELL OPERATOR'S REPORT  
OF  
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil      / Gas X / Liquid Injection      / Waste Disposal      /  
(If "Gas," Production X / Underground Storage      / Deep      / Shallow X /)

LOCATION: Elevation: 2187.3 Watershed Dunloup Creek of New River  
District: Town County Raleigh Quadrangle Beckley 7.5

COMPANY Peake Operating Company  
ADDRESS 423 Charleston National Plaza  
DESIGNATED AGENT Timothy K. Wilcox  
ADDRESS 423 Charleston National Plaza  
SURFACE OWNER New River Company  
ADDRESS P. O. Box 711, Mt. Hope, WV 25880  
MINERAL RIGHTS OWNER CSX Minerals  
ADDRESS P. O. Box 2827 Huntington, WV 25727  
OIL AND GAS INSPECTOR FOR THIS WORK Rodney Dillon ADDRESS Box 30, Scarbro, WV  
PERMIT ISSUED May 1, 1985  
DRILLING COMMENCED Aug. 21, 1985  
DRILLING COMPLETED Aug. 29, 1985  
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON     

| Casing & Tubing  | Used in Drilling | Left in Well | Cement fill up Cu. ft. |
|------------------|------------------|--------------|------------------------|
| Size 20-16 Cond. |                  |              |                        |
| 13-10"           |                  | 29           | 2 sacks                |
| 9 5/8            |                  | 414          | 125 sacks              |
| 8 5/8            |                  |              |                        |
| 7                |                  | 891          | 180 sacks              |
| 5 1/2            |                  |              |                        |
| 4 1/2            |                  | 1324         | 125 sacks              |
| 3                |                  |              |                        |
| 2                |                  |              |                        |
| Liners used      |                  |              |                        |

GEOLOGICAL TARGET FORMATION Ravencliff Depth 1282 feet  
Depth of completed well 1347 feet Rotary X / Cable Tools       
Water strata depth: Fresh      feet; Salt      feet  
Coal seam depths:      Is coal being mined in the area?     

OPEN FLOW DATA  
Producing formation Ravencliff Pay zone depth 1242 - 1252 feet  
Gas: Initial open flow 89 Mcf/d Oil: Initial open flow 0 Bbl/d  
Final open flow .660 Mcf/d Final open flow 0 Bbl/d  
Time of open flow between initial and final tests 4 hours  
Static rock pressure 165 psig (surface measurement) after 72 hours shut in  
(If applicable due to multiple completion--)  
Second producing formation      Pay zone depth 12/29/2023 feet  
Gas: Initial open flow      Mcf/d Oil: Initial open flow      Bbl/d  
Final open flow      Mcf/d Oil: Final open flow      Bbl/d  
Time of open flow between initial and final tests      hours  
Static rock pressure      psig (surface measurement) after      hours shut in

(Continue on reverse side)

RAL 0685



DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

9/11 - perforated the Ravencliff 1247 - 1252 with 34 holes

9/12 - Dowell treated with 75Q foam - used 1000 gallons 15% HCL - 15,000 80/100 sand - 45,000# 20/50 sand - 455,000 SCFN<sub>2</sub>, total fluid 275 bbl's - BDP 2800# - ATP 2100# - ISIP 1700# - after 15 minutes 1350#

WELL LOG

| FORMATION    | COLOR | HARD OR SOFT | TOP FEET | BOTTOM FEET | REMARKS   |
|--------------|-------|--------------|----------|-------------|---|
|              |       |              |          |             | Including indication of all fresh and salt water, coal, oil and gas |
| Sand & Shale |       |              | 0        | 890         |   |
| Sand         |       |              | 890      | 940         |   |
| Shale        |       |              | 940      | 1008        |   |
| Princeton    |       |              | 1030     | 1068        | Gas Check:  |
| Shale        |       |              | 1068     | 1228        | 1253 - 89Mcf  |
| Ravencliff   |       |              | 1228     | 1283        | 1303 - 78Mcf  |
| Avis         |       |              | 1283     | 1298        | 1347 - 78Mcf  |
| Red Rock     |       |              | 1298     | TD          |   |
| DTD - 1347   |       |              |          |             |   |
| LTD - 1342   |       |              |          |             |   |

(Attach separate sheets as necessary)

Peake Operating Company  
Well Operator

By: *J. J. Bevan*  
Date: 9-19-85

12/29/2023

Note: Regulation 2.02(i) provides as follows:  
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."



STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
OIL AND GAS WELLS DIVISION

4 SEP 85 2:55  
REC'D. CHAS.

INSPECTOR'S WELL REPORT

Permit No. 081-0605

Oil or Gas Well \_\_\_\_\_  
(KIND)

|                        |   | CASING AND TUBING   | USED IN DRILLING | LEFT IN WELL | PACKERS        |
|------------------------|---|---|------------------|--------------|----------------|
| Company                | <u>PEAKE</u>                            | Size  |                  |              |                |
| Address                | <u>Charleston</u>                       | 16  |                  |              | Kind of Packer |
| Farm                   | <u>New River Co.</u>                    | 13  |                  |              |                |
| Well No.               | <u>49AR</u>                             | 10  |                  |              | Size of        |
| District               | <u>Town</u> County <u>Raleigh</u>       | 8 1/4   |                  |              |                |
| Drilling commenced     | <u>8-20-85</u>                          | 6 3/8   |                  |              | Depth set      |
| Drilling completed     | <u>8/30/85</u> Total depth <u>1375'</u> | 5 3/16  |                  |              |                |
| Date shot              | _____ Depth of shot _____               | 3   |                  |              | Perf. top      |
| Initial open flow      | _____/10ths Water in _____ Inch         | 2   |                  |              | Perf. bottom   |
| Open flow after tubing | _____/10ths Merc. in _____ Inch         | Liners Used   |                  |              | Perf. top      |
| Volume                 | _____ Cu. Ft.                           |   |                  |              | Perf. bottom   |
| Rock pressure          | _____ lbs. _____ hrs.                   | CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____ |                  |              |                |
| Oil                    | _____ bbls., 1st 24 hrs.                | NAME OF SERVICE COMPANY _____                             |                  |              |                |
| Fresh water            | _____ feet _____ feet                   | COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES           |                  |              |                |
| Salt water             | _____ feet _____ feet                   | _____ FEET _____ INCHES _____ FEET _____ INCHES           |                  |              |                |
|                        |   | _____ FEET _____ INCHES _____ FEET _____ INCHES           |                  |              |                |

Drillers' Names Keen Rig #1

Remarks:  
8-24-85 Run 891' 7" casing CTS with neat  
8-26-85 TD Hole at 1373' Run 1324' 4 1/2

8/26/85  
DATE

R. Deller **12/29/2023**  
DISTRICT WELL INSPECTOR



STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
OIL AND GAS WELLS DIVISION  
INSPECTOR'S PLUGGING REPORT

Permit No. \_\_\_\_\_

Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

| Liner                       | Location  |      | Amount                | Packer | Location          |      |      |
|-----------------------------|-----------|------|-----------------------|--------|-------------------|------|------|
| PLUGS USED AND DEPTH PLACED |           |      | BRIDGES               |        | CASING AND TUBING |      |      |
| CEMENT-THICKNESS            | WOOD-SIZE | LEAD | CONSTRUCTION-LOCATION |        | RECOVERED         | SIZE | LOST |
|                             |           |      |                       |        |                   |      |      |
|                             |           |      |                       |        |                   |      |      |
|                             |           |      |                       |        |                   |      |      |
|                             |           |      |                       |        |                   |      |      |
|                             |           |      |                       |        |                   |      |      |
|                             |           |      |                       |        |                   |      |      |
|                             |           |      |                       |        |                   |      |      |
|                             |           |      |                       |        |                   |      |      |
|                             |           |      |                       |        |                   |      |      |
|                             |           |      |                       |        |                   |      |      |
|                             |           |      |                       |        |                   |      |      |
|                             |           |      |                       |        |                   |      |      |
|                             |           |      |                       |        |                   |      |      |
|                             |           |      |                       |        |                   |      |      |
|                             |           |      |                       |        |                   |      |      |
|                             |           |      |                       |        |                   |      |      |

Drillers' Names \_\_\_\_\_

Remarks:

\_\_\_\_\_ I hereby certify I visited the above well on this date.

DATE

12/29/2023

DISTRICT WELL INSPECTOR



STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
OIL AND GAS WELLS DIVISION

RECEIVED  
AUG 28 1985

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

INSPECTOR'S WELL REPORT

Permit No. 081-0685

Oil or Gas Well \_\_\_\_\_  
(KIND)

| Company   | CASING AND TUBING  | USED IN DRILLING | LEFT IN WELL | PACKERS              |
|---|--|------------------|--------------|----------------------|
| <u>Peake</u>  | Size   |                  |              |                      |
| <u>Char.</u>  | 16   |                  |              | Kind of Packer _____ |
| <u>New River Co</u>                                     | 13   |                  |              |                      |
| <u>49 HR</u>  | 10   |                  |              | Size of _____        |
| District <u>Tran</u> County <u>Raleigh</u>              | 8 1/4  |                  |              |                      |
| Drilling commenced <u>8-30-85</u>                       | 6 3/8  |                  |              | Depth set _____      |
| Drilling completed _____ Total depth _____              | 5 3/16   |                  |              |                      |
| Date shot _____ Depth of shot _____                     | 3  |                  |              | Perf. top _____      |
| Initial open flow _____ /10ths Water in _____ Inch      | 2  |                  |              | Perf. bottom _____   |
| Open flow after tubing _____ /10ths Merc. in _____ Inch | Liners Used _____  |                  |              | Perf. top _____      |
| Volume _____ Cu. Ft.                                    |  |                  |              | Perf. bottom _____   |
| Rock pressure _____ lbs. _____ hrs.                     | CASING CEMENTED <u>414'</u> SIZE <u>9 5/8</u> No. FT. _____ Date _____ |                  |              |                      |
| Oil _____ bbls., 1st 24 hrs.                            | NAME OF SERVICE COMPANY <u>Dowell</u>                                  |                  |              |                      |
| Fresh water _____ feet _____ feet                       | COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES                        |                  |              |                      |
| Salt water _____ feet _____ feet                        | _____ FEET _____ INCHES _____ FEET _____ INCHES                        |                  |              |                      |
|   | _____ FEET _____ INCHES _____ FEET _____ INCHES                        |                  |              |                      |

Drillers' Names Keen Right

Remarks: Run 414' 9 5/8 CTS w/ 125 SRS neat

8/25/85  
DATE

R. Dowell  
12/29/2023  
DISTRICT WELL INSPECTOR



STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
OIL AND GAS WELLS DIVISION  
INSPECTOR'S PLUGGING REPORT

Permit No. \_\_\_\_\_

Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

| Liner | Location                    |           | Amount | Packer                | Location          |      |      |
|-------|-----------------------------|-----------|--------|-----------------------|-------------------|------|------|
|       | PLUGS USED AND DEPTH PLACED |           |        |                       | CASING AND TUBING |      |      |
|       | CEMENT-THICKNESS            | WOOD-SIZE | LEAD   | CONSTRUCTION-LOCATION | RECOVERED         | SIZE | LOST |
|       |                             |           |        |                       |                   |      |      |
|       |                             |           |        |                       |                   |      |      |
|       |                             |           |        |                       |                   |      |      |
|       |                             |           |        |                       |                   |      |      |
|       |                             |           |        |                       |                   |      |      |
|       |                             |           |        |                       |                   |      |      |
|       |                             |           |        |                       |                   |      |      |
|       |                             |           |        |                       |                   |      |      |
|       |                             |           |        |                       |                   |      |      |
|       |                             |           |        |                       |                   |      |      |
|       |                             |           |        |                       |                   |      |      |
|       |                             |           |        |                       |                   |      |      |
|       |                             |           |        |                       |                   |      |      |
|       |                             |           |        |                       |                   |      |      |
|       |                             |           |        |                       |                   |      |      |
|       |                             |           |        |                       |                   |      |      |
|       |                             |           |        |                       |                   |      |      |
|       |                             |           |        |                       |                   |      |      |
|       |                             |           |        |                       |                   |      |      |
|       |                             |           |        |                       |                   |      |      |
|       |                             |           |        |                       |                   |      |      |

Drillers' Names \_\_\_\_\_

Remarks:

\_\_\_\_\_  
DATE I hereby certify I visited the above well on this date.

12/29/2023

\_\_\_\_\_  
DISTRICT WELL INSPECTOR



INSPECTOR'S PERMIT SUMMARY FORM

5-1-85

WELL TYPE Gas  
ELEVATION 5187  
DISTRICT Jorn  
QUADRANGLE Beckley  
COUNTY Raleigh

API# 47- 081 - 0685  
OPERATOR Peake  
TELEPHONE \_\_\_\_\_  
FARM New River Co.  
WELL # 49 AR

SURFACE OWNER New River Co. COMMENTS \_\_\_\_\_ TELEPHONE \_\_\_\_\_  
TARGET FORMATION \_\_\_\_\_ DATE APPLICATION RECEIVED \_\_\_\_\_

DATE STARTED \_\_\_\_\_  
LOCATION 7/85 NOTIFIED yes DRILLING COMMENCED 8/20/85

WATER DEPTHS \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
COAL DEPTHS \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

CASING

Ran 414 feet of 9 5/8 "pipe on 8-22 with CTS fill up  
Ran 891 feet of 7 "pipe on 8-24 with CTS fill up  
Ran 1324 feet of 4 1/2 "pipe on 8-26 with \_\_\_\_\_ fill up  
Ran \_\_\_\_\_ feet of \_\_\_\_\_ "pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up

RECEIVED  
DEPARTMENT OF  
OIL AND GAS

TD 1573 feet on 8-26-85

PLUGGING

JUN 10 1986

| Type | From | To | Pipe Removed |
|------|------|----|--------------|
|      |      |    |              |
|      |      |    |              |
|      |      |    |              |
|      |      |    |              |
|      |      |    |              |
|      |      |    |              |

Pit Discharge date: \_\_\_\_\_ Type \_\_\_\_\_

Field analysis ph \_\_\_\_\_ fe \_\_\_\_\_ cl \_\_\_\_\_

Well Record received \_\_\_\_\_

Date Released 6/6/86

R. Dillon  
Inspector's signature

12/29/2023



API# 47 081-0685

LIST ALL VISITS FOR THIS PERMIT

Keen Drilling Rig #1

|    | DATE  | TIME | PURPOSE                     | COMMENTS |
|----|-------|------|-----------------------------|----------|
| 1  | 8-5   |      | look after building         |          |
| 2  |       |      |                             |          |
| 3  | 8-22  |      | Run 414' 95/8 CTS 125 SRS.  |          |
| 4  |       |      |                             |          |
| 5  | 8-26  |      | TD Hole                     |          |
| 6  |       |      |                             |          |
| 7  | 11-29 |      | location reclaimed & seeded |          |
| 8  |       |      |                             |          |
| 9  |       |      |                             |          |
| 10 |       |      |                             |          |
| 11 |       |      |                             |          |
| 12 |       |      |                             |          |
| 13 |       |      |                             |          |
| 14 |       |      |                             |          |
| 15 |       |      |                             |          |
| 16 |       |      |                             |          |
| 17 |       |      |                             |          |
| 18 |       |      |                             |          |
| 19 |       |      |                             |          |
| 20 |       |      |                             |          |

Notes



**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL  
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)**

|  |  |                           |                           |   |                               |
|--|--|---------------------------|---------------------------|---|-------------------------------|
| 1.0 API well number:<br>(If not assigned, leave blank. 14 digits.)   | <u>47 - 081 - 0685</u>                                     |                           |                           |   |                               |
| 2.0 Type of determination being sought:<br>(Use the codes found on the front of this form.)                                | <u>107</u><br>Section of NGPA                              | <u>6</u><br>Category Code |                           |   |                               |
| 3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)                           | <u>1347</u> feet   |                           |                           |   |                               |
| 4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)  | <u>PEAKE OPERATING COMPANY</u><br>Name                     |                           |                           | _____<br>Seller Code                        |                               |
|  | <u>423 CHARLESTON NATIONAL PLAZA</u><br>Street             |                           |                           |   |                               |
|  | <u>CHARLESTON</u><br>City                                  | <u>W. VA.</u><br>State    | <u>25301</u><br>Zip Code  |   |                               |
| 5.0 Location of this well: [Complete (a) or (b).]<br>(a) For onshore wells<br>(35 letters maximum for field name.)         | <u>TOWN DISTRICT</u><br>Field Name                         |                           |                           |   |                               |
|  | <u>RALEIGH</u><br>County                                   | <u>WV</u><br>State        |                           |   |                               |
| (b) For OCS wells:   | _____<br>Area Name   |                           | _____<br>Block Number     |   |                               |
|  | Date of Lease:<br>         <br>Mo. Day Yr.                 |                           | _____<br>OCS Lease Number |   |                               |
| (c) Name and identification number of this well: (35 letters and digits maximum.)  | <u>NEW RIVER #49-AR</u>                                    |                           |                           |   |                               |
| (d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)  | <u>ROVENCLIFF</u>  |                           |                           |   |                               |
| 6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.) | <u>MOUNTAINBEE GAS CO</u><br>Name                          |                           |                           | _____<br>Buyer Code                         |                               |
| (b) Date of the contract:  | <u>11/12/1984</u><br>Mo. Day Yr.                           |                           |                           |   |                               |
| (c) Estimated total annual production from the well:   | <u>15</u> Million Cubic Feet                               |                           |                           |   |                               |
|  |  | (a) Base Price            | (b) Tax                   | (c) All Other Prices [Indicate (+) or (-).] | (d) Total of (a), (b) and (c) |
| 7.0 Contract price:<br>(As of filing date. Complete to 3 decimal places.)  | S/MMBTU  | <u>3.400</u>              | <u>-----</u>              | <u>0.200</u>                                | <u>3.600</u>                  |
| 8.0 Maximum lawful rate:<br>(As of filing date. Complete to 3 decimal places.)   | S/MMBTU  | <u>6.048</u>              | <u>0.756</u>              | <u>-----</u>                                | <u>6.804</u>                  |
| 9.0 Person responsible for this application:   | <u>Timothy K. Wilcox</u><br>Name                           |                           |                           |   |                               |
|  | _____<br>Signature   |                           |                           | <u>Land Manager</u><br>Title                |                               |
| Agency Use Only  |  |                           |                           |   |                               |
| Date Received by Juris. Agency<br><b>SEP 26 1985</b>   |  |                           |                           |   |                               |
| Date Received by FERC  | <u>SEPTEMBER 24, 1985</u><br>Date Application is Completed |                           |                           | <u>(304) 1242-5870</u><br>Phone Number      |                               |



COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: SEPT. 24, 1985

37100

AGENCY USE ONLY

Applicant's Name: PEAKE OPERATING COMPANY

WELL DETERMINATION FILE NUMBER

Address: 423 CHARLESTON NATIONAL PLAZA

850926 -1076-081 - 0685

CHARLESTON, WEST VIRGINIA 25301

Use Above File Number on all  
Communications Relating to This Well

Gas Purchaser Contract No. B-30029

Date of Contract NOVEMBER 29, 1984  
(Month, day and year)

First Purchaser: MOUNTAINEER GAS CO. P640

Designated Agent: Timothy K. Wilcox

Address: 414 SUMMERS STREET  
(Street or P.O. Box)

Address: 423 Charleston National Plaza

CHARLESTON WV 25301  
(City) (State) (Zip Code)

Charleston, West Virginia 25301

FERC Seller Code \_\_\_\_\_

FERC Buyer Code \_\_\_\_\_

NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERNING THIS APPLICATION SHALL  
BE ADDRESSED:

Name: Timothy K. Wilcox Land Manager  
(Print) (Title)

Signature: [Signature]

Address: 423 Charleston National Plaza  
(Street or P.O. Box)  
Charleston, West Virginia 25301  
(City) (State) (Zip Code)

Telephone: (304) 342-6970  
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For \_\_\_\_\_

NGPA SECTION/SUBSECTION

- 02 New Natural Gas
  - 102-2 2.5 Mile Test
  - 102-3 1000 Foot Deeper Test
  - 102-4 New Onshore Reservoir

- 108 Stripper Well Natural Gas
  - 108- Stripper Well
  - 108-1 Seasonally Affected
  - 108-2 Enhanced Recovery
  - 108-3 Temporary Pressure Buildup

- 03 New Onshore Production Well
  - 103 New Onshore Production Well

- 07 High Cost Natural Gas
  - 107-0 Deep (more than 15,000 feet)
  - 107-1 Geopressured Brine
  - 107-2 Coal Seams
  - 107-3 Devonian Shale
  - 107-5 Production enhancement
  - 107-6 New Tight Formation
  - 107-7 Recompletion Tight Formation

AGENCY USE ONLY

QUALIFIED 12/29/2023

RECEIVED  
SEP 26 1985

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

SEP 26 1985  
Date Received

Determination Date



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

Date SEPTEMBER 24, 1985

Operator's Well No. NEW RIVER #49-AR

API Well No. 47 - 081 - 0685  
State County Permit

WELL CLASSIFICATION FORM:  
HIGH COST GAS WELL—NEW TIGHT FORMATION

NGPA Section 107

DESIGNATED AGENT Timothy K. Wilcox  
ADDRESS Suite 423 Charleston National Plaza

Charleston, WV 25301

WELL OPERATOR Peake Operating Co.

LOCATION: Elevation 2187.3

ADDRESS Suite 423 Charleston National Plaza Watershed DUNLOP CREEK OF NEW RIVER  
Charleston, WV 25301

Dist. TOWN County ROLEIGH Quad. BOKLEY 7.5

GAS PURCHASER MOUNTAINEER GAS CO.

Gas Purchase Contract No. B-30029

ADDRESS 414 SUMMERS STREET

Meter Chart Code \_\_\_\_\_  
Date of Contract NOVEMBER 29, 1984

CHARLESTON, WV 25301

\* \* \* \* \*

Date surface drilling began: AUGUST 21, 1985

Indicate the bottom hole pressure of the well and explain how this was calculated.

BHP =  $P_e$  (GD/53.34 T)

P = Wellhead Pressure = 165

G = Specific Gravity = .58

D = Depth to Midpoint of Perforations = 1250

T = Average Temperature (K°) = 533°

BHP = 169.2

AFFIDAVIT

I, Timothy K. Wilcox, having been first sworn according to law, state that, surface drilling of the well for which this determination is sought was begun on or after July 16, 1979, the gas is being produced from a designated tight formation and I have no knowledge of any information not described in the application which is inconsistent with a conclusion that the well qualifies as a high cost natural gas well.

Timothy K. Wilcox

STATE OF WEST VIRGINIA,  
COUNTY OF KANAWHA, TO WIT:

I, ROGER PRITT, a Notary Public in and for the state and county aforesaid, do certify that TIMOTHY K. WILCOX whose name is signed to the writing above, bearing date the 24<sup>th</sup> day of SEPTEMBER, 1985, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 24<sup>th</sup> day of SEPTEMBER, 1985.  
My term of office expires on the 1<sup>st</sup> day of OCTOBER, 1985.

Roger Pritt  
Notary Public

[NOTARIAL SEAL]

12/29/2023



ALLEGHENY

NUCLEAR

SURVEYS INC.

PEAKE OPERATING COMPANY

NEW RIVER # 49-AR

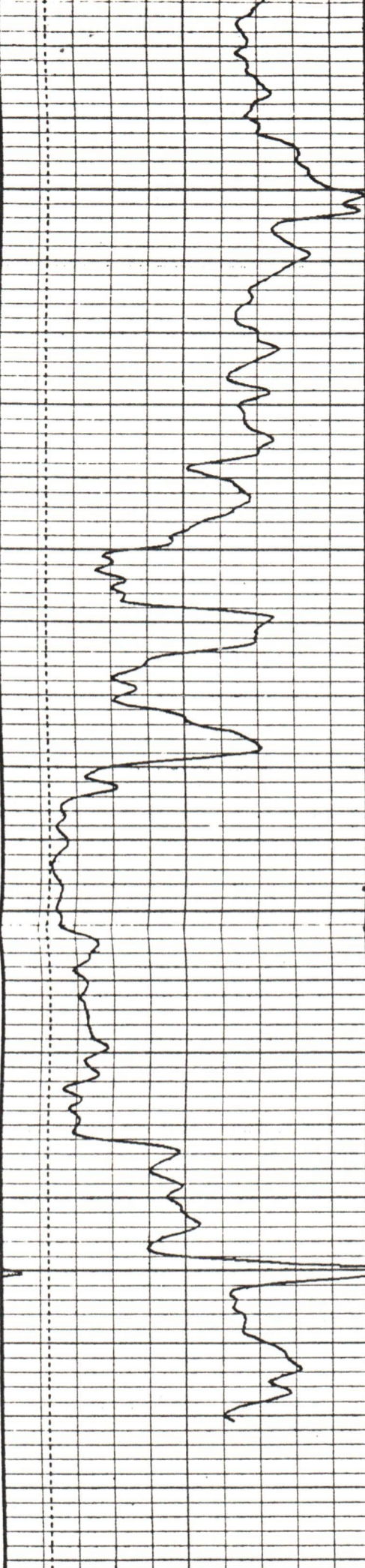
G/R \* DEN \* CAL \* TEMP

|   |                                 |     |                       |         |
|---|---------------------------------|-----|-----------------------|---------|
| LOCATION<br>BECKLEY<br>COUNTY<br>RALEIGH<br>FIELD<br>TOWN DISTRICT<br>WELL<br>NEW RIVER # 49-AR<br>COMPANY<br>PEAKE OPERATING COMPANY | COMPANY PEAKE OPERATING COMPANY |     |                       |         |
|   | WELL NEW RIVER # 49-AR          |     |                       |         |
| FIELD TOWN DISTRICT   |                                 |     |                       |         |
| COUNTY RALEIGH  |                                 |     |                       |         |
| COUNTRY/STATE USA / WV  |                                 |     |                       |         |
| PERMIT NUMBER 47-081-0685   |                                 |     |                       |         |
| LOCATION<br>BECKLEY   |                                 |     | OTHER SERVICES<br>DSI |         |
| LSD   | SEC                             | TVP | RGE                   |         |
| PERMANENT DATUM GROUND LEVEL ELEVATION 2187.3'  |                                 |     | ELEVATIONS:           |         |
| LOG MEASURED FROM TOP, 7'.1 FT ABOVE PERMANENT DATUM  |                                 |     | KB                    | 2190.3' |
| DRILLING MEASURED FROM K.B.   |                                 |     | DF                    | N/A     |
|   |                                 |     | GL                    | 2187.3' |
| DATE  | 25-AUG-85                       |     |                       |         |
| RUN NUMBER  | ONE                             |     |                       |         |
| DEPTH-DRILLER   | 1347'                           |     |                       |         |
| DEPTH-LOGGER  | 1342'                           |     |                       |         |
| FIRST READING   | 1342'                           |     |                       |         |
| LAST READING  | SURFACE                         |     |                       |         |
| CASING-DRILLER  | 891'                            |     |                       |         |
| CASING-LOGGER   | 894'                            |     |                       |         |
| BIT SIZE  | 6.25 INCHES                     |     |                       |         |
| HOLE FLUID TYPE   | DRY                             |     |                       |         |
| DENS. /VISC.  |                                 |     |                       |         |
| PH/FLUID LOSS   |                                 |     |                       |         |
| SAMPLE SOURCE   |                                 |     |                       |         |
| RM @ MEAS TEMP  |                                 |     |                       |         |
| RMF @ MEAS TEMP   |                                 |     |                       |         |
| RMC @ MEAS TEMP   |                                 |     |                       |         |
| SOURCE: RMF/RMC   |                                 |     |                       |         |
| RM @ BHT  |                                 |     |                       |         |
| TIME SINCE CIRC   | 3 HOURS                         |     |                       |         |
| MAX REC TEMP  |                                 |     |                       |         |
| EQUIPMENT/BASE  | "264" CHAS                      |     |                       |         |
| RECORDED BY   | V. CASTO                        |     |                       |         |
| WITNESSED BY  | T LIBERATORE                    |     |                       |         |

RECEIVED  
NOV 1 1985  
DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

12/29/2023





64'

1150

64'

1200

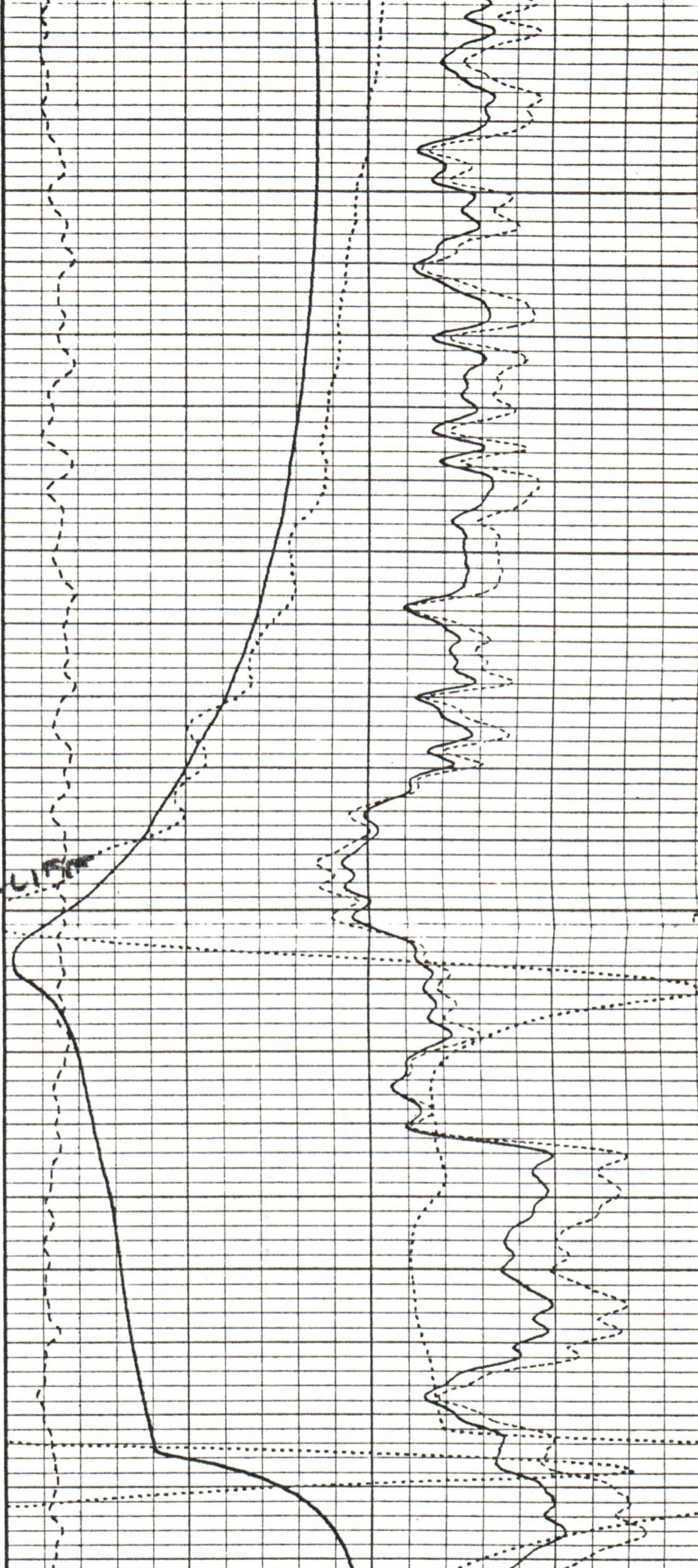
62'

1250

61'

1300

TRAVEL TIME



**RECEIVED**  
NOV 1 1995

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

BIT SIZE  
INCHES

5 10 15

DEPTH  
IN  
FEET

BOREHOLE  
TEMP IN  
DEG. F

HVI  
EVERY  
10 CU FT

TIMING  
MARKS

DIFFERENTIAL TEMPERATURE  
DEGREES F/SAMPLE

-0.04 -0.02 0 0.02 0.04

BOREHOLE TEMPERATURE LOG  
DEGREES F

50 52.5 55 57.5

DENSITY POROSITY  
PERCENT

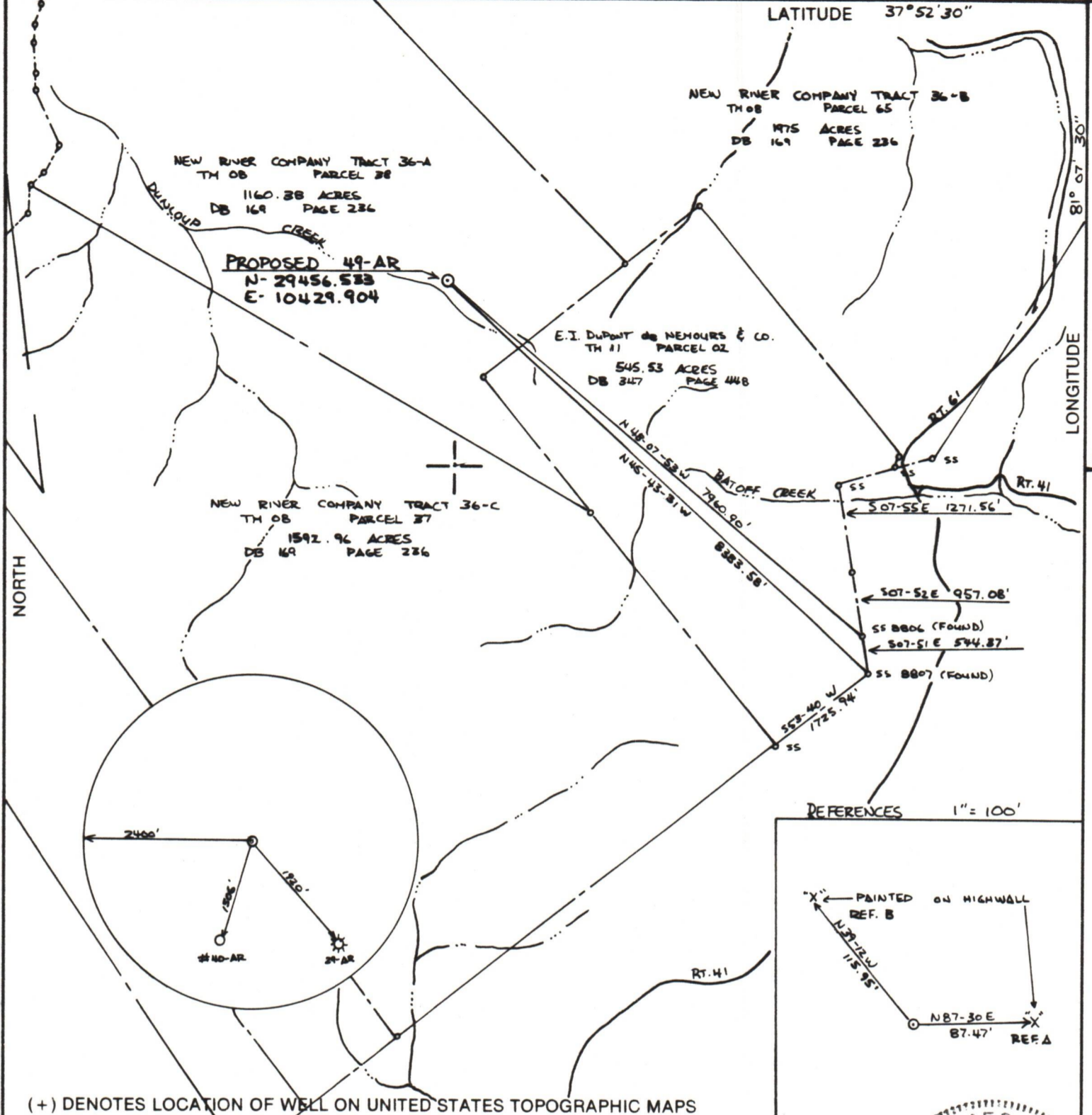
30 20 10 0

12/29/2023



MN 5-1-85

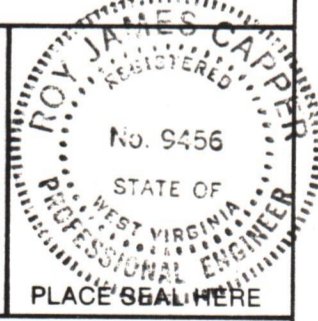
9150'



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 85023  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY 1 IN 5000  
 PROVEN SOURCE OF ELEVATION HIGH POINT ± 2200' S. SE OF LOCATION (2538')

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.  
 (SIGNED) Roy J. Capper  
 R.P.E. 9456 L.S. \_\_\_\_\_



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



DATE 6 APRIL, 19 85  
 OPERATOR'S WELL NO. 49-AR  
 API WELL NO. 47-081-0685  
 STATE COUNTY PERMIT

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 2187.3' WATER SHED DUNLOUP CREEK OF NEW RIVER  
 DISTRICT BECKLEY 7.5 TOWN \_\_\_\_\_ COUNTY RALEIGH

SURFACE OWNER NEW RIVER COMPANY ACREAGE 1160.38  
 OIL & GAS ROYALTY OWNER NEW RIVER COMPANY LEASE ACREAGE 1160.38 LEASE NO. 31/197 12/29/2023

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON  CLEAN OUT AND REPLUG   
 TARGET FORMATION Big Line ESTIMATED DEPTH 2842  
 WELL OPERATOR PEAKE OPERATING COMPANY DESIGNATED AGENT TIMOTHY K. WILCOX  
 ADDRESS 423 CHARLESTON NATIONAL PLAZA ADDRESS 423 CHARLESTON NATIONAL PLAZA  
CHARLESTON, WEST VIRGINIA 25301 CHARLESTON, WEST VIRGINIA 25301

FORM IV-6 (8-78) H.T. HALL

COUNTY NAME RAI PERMIT 0655



8 MI.  
T HOPE 2 MI.

485

10'

486

MOUNT HOPE 2.3 MI

1 960 000 FEET

8







RECEIVED  
APR 15 1985

IV-9  
(Rev 8-81)

DATE 6 APRIL 1985  
WELL NO. 49-AR  
API NO. 047-081-0685

OIL & GAS DIVISION  
DEPT. OF MINES  
State of West Virginia  
Department of Mines  
Oil and Gas Division  
CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME PEAKE OPERATING Co.  
Address 423 CNB PLAZA  
Telephone (304) 342-6970

DESIGNATED AGENT TIMOTHY K. WILCOX  
Address 423 CNB PLAZA  
Telephone (304) 342-6970

LANDOWNER NEW RIVER CO.  
Revegetation to be carried out by COMPANY CONTRACTOR (Agent)

SOIL CONS. DISTRICT SOUTHERN

This plan has been reviewed by SOUTHERN SCD. All corrections and additions become a part of this plan: 4-10-85 (Date)

Gary W. Boschain  
(SCD Agent)

| ACCESS ROAD                                  | LOCATION                                |
|--|---|
| Structure <u>ACCESS ROAD</u> (A)             | Structure <u>DRILLING PIT</u> (1)       |
| Spacing <u>All EXISTING &amp; MAINTAINED</u> | Material <u>EARTHEN &amp; LINED</u>     |
| Page Ref. Manual <u>2-14</u>                 | Page Ref. Manual <u>N/A</u>             |
| Structure _____ (B)                          | Structure <u>DIVERSION DITCH</u> (2)    |
| Spacing _____                                | Material <u>EARTHEN (EXISTING)</u>      |
| Page Ref. Manual _____                       | Page Ref. Manual <u>2-12</u>            |
| Structure _____ (C)                          | Structure <u>SEDIMENT BARRIER</u> (3)   |
| Spacing _____                                | Material <u>HAY BALES</u>               |
| Page Ref. Manual _____                       | Page Ref. Manual <u>2-16 &amp; 2-18</u> |

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I

Lime 3 Tons/acre  
or correct to pH 6.5

Fertilizer 500 lbs/acre  
(10-20-20 or equivalent)

Mulch HAY 2.0 Tons/acre

Seed\* KY. 31 TALL FESCUE 30 lbs/acre  
ANNUAL RYEGRASS 10 lbs/acre  
WHITE CLOVER 3 lbs/acre

Treatment Area II

Lime 3 Tons/acre  
or correct to pH 6.5

Fertilizer 500 lbs/acre  
(10-20-20 or equivalent)

Mulch HAY 2.0 Tons/acre

Seed\* KY. 31 TALL FESCUE 30 lbs/acre  
ANNUAL RYEGRASS 10 lbs/acre  
WHITE CLOVER 3 lbs/acre

\*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY MICHAEL E. WILCOX 12/29/2023

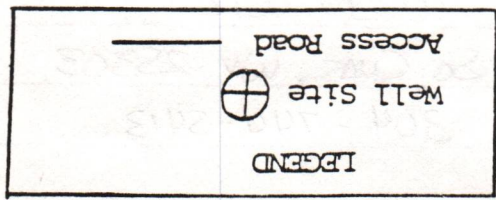
ADDRESS P.O. Box 8372  
So. CHAS., WV 25303  
PHONE NO. 304-744-5413

NOTES: Please request landowner's cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.



ATTACH OR PHOTOOPY SECTION OF INVOLVED TOPOGRAPHIC MAP QUADRANGLE BECKLEY 7 1/2

12/29/2023



WELL SITE PLAN

Sketch to include well location, existing access road, roads to be constructed, well site, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

