

FILE COPY
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MAR 07 1985



1) Date: March 6, 1985
 2) Operator's Well No. NEW RIVER 41-AR
 3) API Well No. 47 - 081 - 0678
 State County Permit

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

OIL & GAS DIVISION
DEPT. OF MINES APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil X Gas X
 B (If "Gas", Production X / Underground storage / Deep / Shallow X)
- 5) LOCATION: Elevation: 2529 Watershed: Download Creek of New River
 District: Town County: Raleigh Quadrangle: BECKLEY 7.5
- 6) WELL OPERATOR PEAKE Operating Co. 37100 7) DESIGNATED AGENT Timothy K. Wilcox
 Address 423 CHAS. NAT'L PLAZA Address SAME
CHARLESTON WY 25301
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Rodney G. Dillon Name UNKNOWN
 Address 469-2015 Address
- 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 LIME
- 12) Estimated depth of completed well, 3152' feet
- 13) Approximate strata depths: Fresh, 50' feet; salt, 500' feet.
- 14) Approximate coal seam depths: 289', 690' Is coal being mined in the area? Yes / No X
- 15) CASING AND TUBING PROGRAM

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	16	H-40	65#	X		30	30	to Surf.	Kinds <u>By Rule</u> Sizes <u>15.05</u> Dept. <u>as required</u> <u>by rule 1501</u>
Fresh water	12 3/4	H-40	48#	X		320	320	to Surf.	
Coal	9 5/8	H-40	36#	X		740	740	to Surf.	
Intermediate	7	J-55	17.5#	X		1245	1245	150 Sks.	
Production	4 1/2	J-55	9.5	X		2960	2960	300 Sks.	
Tubing									
Liners									Perforations: Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-081-0678 Date March 26, 1985

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 March 26, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
<u>111</u>	<u>✓</u>	<u>MUMU</u>		<u>4328</u>

Jerry R. Tephლობ
Administrator, Office of Oil and Gas

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

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OFFICE USE ONLY

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

LOCATION: DONALD CREEK OF NEW RIVER
COUNTY: RALEIGH
WELL OPERATOR: PEAKE OPERATING CO. 3700
ADDRESS: 433 CHAR. WALKER BLVD
CHARLESTON WY 25301
NAME: ROBBY C. DILLON
ADDRESS: 404-2012

PROPOSED WELL WORK: DRILLING
OTHER PROPOSED CHANGES IN WELL DESIGN: BIG LIME
GEOLOGICAL TARGET ZONATION: 20', 800'

DATE	TIME	DEPTH	TEMPERATURE	RESISTIVITY	SP. GR.	PH	OTHER
7-22	12	250	1842	1942	1.02	7.2	
7-22	12	300	1842	1942	1.02	7.2	
7-22	12	350	1842	1942	1.02	7.2	
7-22	12	400	1842	1942	1.02	7.2	
7-22	12	450	1842	1942	1.02	7.2	
7-22	12	500	1842	1942	1.02	7.2	
7-22	12	550	1842	1942	1.02	7.2	
7-22	12	600	1842	1942	1.02	7.2	
7-22	12	650	1842	1942	1.02	7.2	
7-22	12	700	1842	1942	1.02	7.2	
7-22	12	750	1842	1942	1.02	7.2	
7-22	12	800	1842	1942	1.02	7.2	

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	Follow-up inspection(s)
Well work started	" "
Completion of the drilling process	" "
Well Record received	" "
Reclamation completed	" "

OTHER INSPECTIONS

Reason: March 22 1988

Reason: March 22 1988

1) Date: 3/6 1985
2) Operator's Well No. New River #41-AR
3) API Well No. 47-081-0678
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

(ii) Name Mt. Hope, WV 25880
Address ATTN: Lou Brisglio

(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 ATTN: 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

this 6 day of March 1985
My commission expires 3 1994
Notary Public, State of West Virginia
KIRK E. SMITH
1705 Pinewood Drive
Charleston, West Virginia 25320
My Comm. Expires March 8, 1994

WELL OPERATOR PEAKE OPERATING COMPANY
BY Thobby K. Weber
Its 12 Ardmore
Address 423 Charleston Nat'l Plaza
Charleston, WV 25301
Telephone (304) 342-6970

RECEIVED
MAR 07 1985
OIL & GAS DIVISION
DEPT. OF MINES

11/24/2023

RECEIVED



IV-9
(Rev 8-81)

MAR 07 1985

DATE 22 FEBRUARY 1985

WELL NO. 41-AR

State of West Virginia API NO. 047 - 081 - 0678

OIL & GAS DIVISION
DEPT. OF MINES
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME PEAKE OPERATING CO. DESIGNATED AGENT FLOYD B. WILCOX
Address 423 CHARLESTON NATIONAL PLAZA Address 423 CNB PLAZA
Telephone 304-342-6970 Telephone 304-342-6970
LANDOWNER NEW RIVER COMPANY SOIL CONS. DISTRICT SOUTHERN
Revegetation to be carried out by COMPANY CONTRACTOR (Agent)

This plan has been reviewed by SOUTHERN SCD. All corrections and additions become a part of this plan: 2-26-85

(Date)
Dary W. Boschain
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>ACCESS ROAD ± 3300'</u> (A)	Structure <u>DRILLING PIT</u> (1)
Spacing <u>VARIOUS GRADE (SEE SKETCH)</u>	Material <u>EARTHEN & LINED</u>
Page Ref. Manual <u>2-14</u>	Page Ref. Manual <u>N/A</u>
Structure <u>DRAINAGE DITCH</u> (B)	Structure _____ (2)
Spacing <u>EARTHEN</u>	Material _____
Page Ref. Manual <u>2-12 & 2-13</u>	Page Ref. Manual _____
Structure <u>CROSS DRAINS WITH BARRIERS</u> (C)	Structure _____ (3)
Spacing <u>VARIOUS (SEE SKETCH)</u>	Material _____
Page Ref. Manual <u>TABLE 1, 2-4</u>	Page Ref. Manual _____

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	Treatment Area II
Lime <u>3</u> Tons/acre or correct to pH <u>6.5</u>	Lime <u>3</u> Tons/acre or correct to pH <u>6.5</u>
Fertilizer <u>500</u> lbs/acre (10-20-20 or equivalent)	Fertilizer <u>500</u> lbs/acre (10-20-20 or equivalent)
Mulch <u>HAY</u> <u>2.0</u> Tons/acre	Mulch <u>HAY</u> <u>2.0</u> Tons/acre
Seed* <u>KY. 31 TALL FESCUE</u> <u>30</u> lbs/acre	Seed* <u>KY. 31 TALL FESCUE</u> <u>30</u> lbs/acre
<u>CROWN VETCH</u> <u>10</u> lbs/acre	<u>CROWN VETCH</u> <u>10</u> lbs/acre
<u>ANNUAL RYEGRASS</u> <u>10</u> lbs/acre	<u>ANNUAL RYEGRASS</u> <u>10</u> 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. UHL 11/24/2023

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.

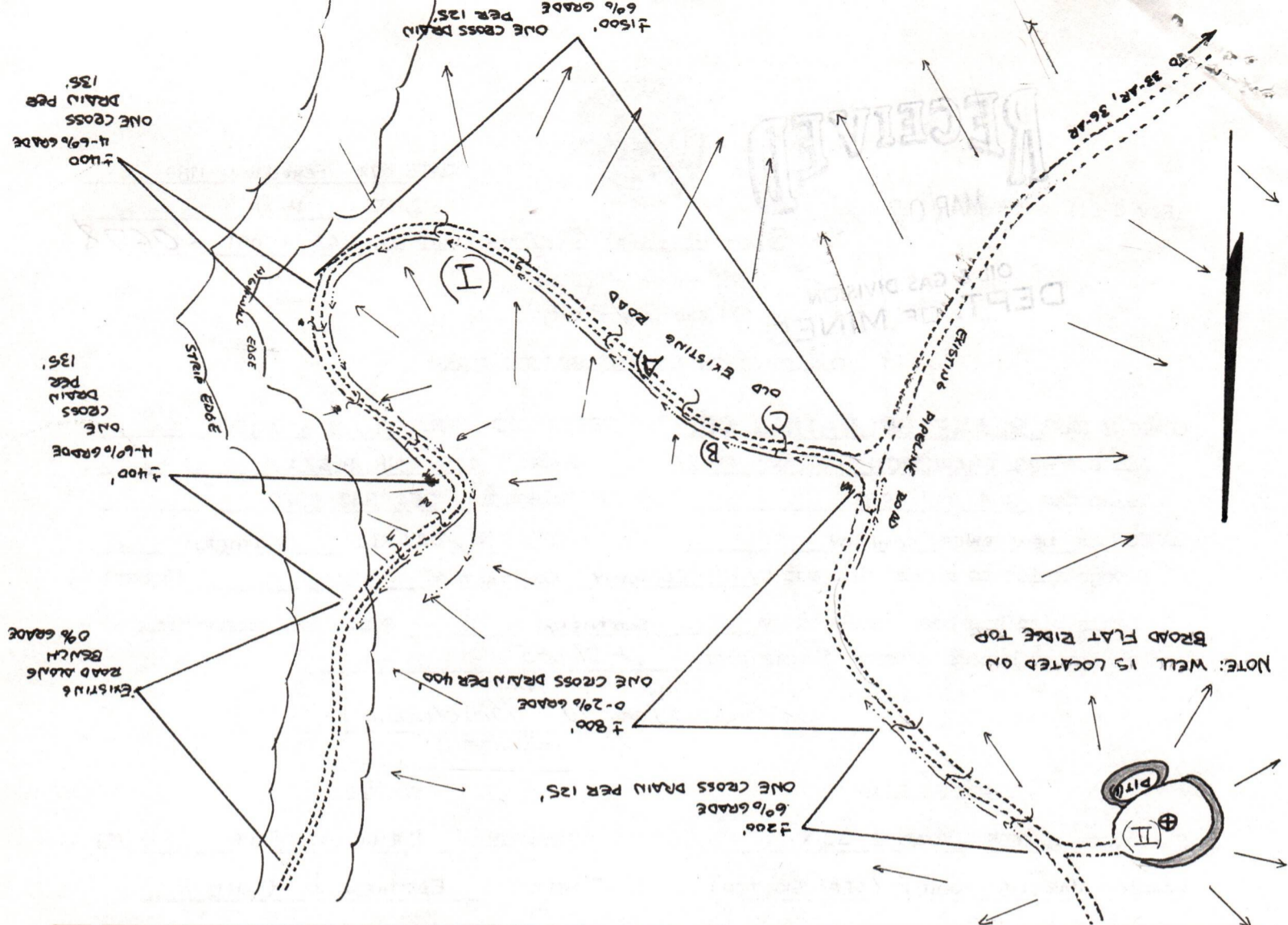
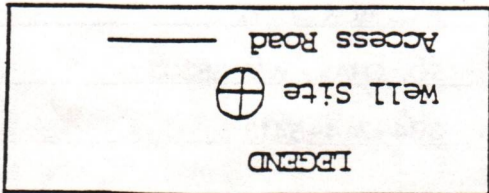
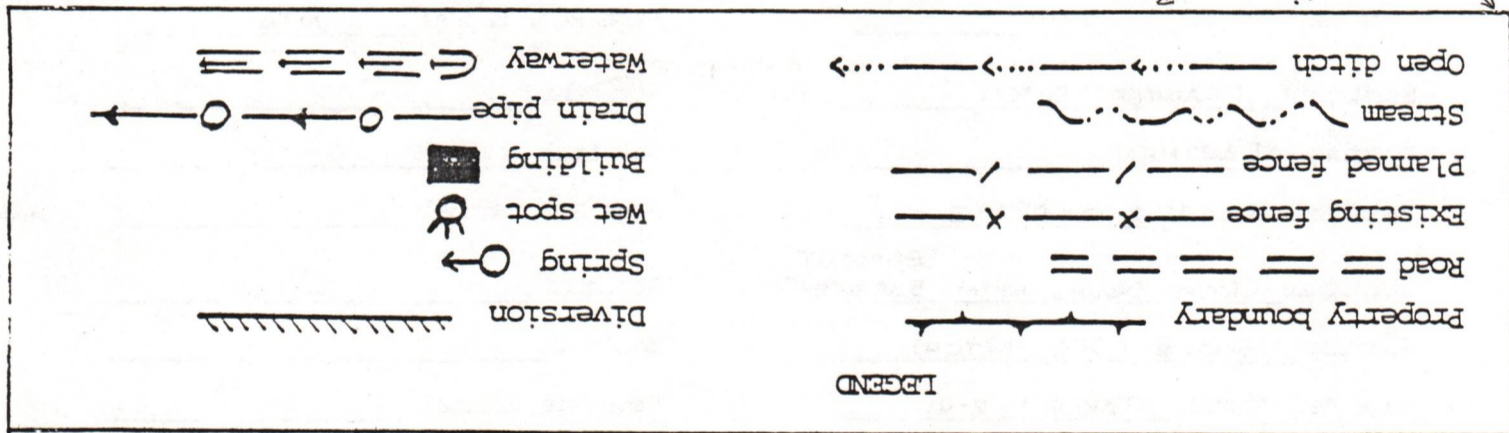
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Beckley 7.5'

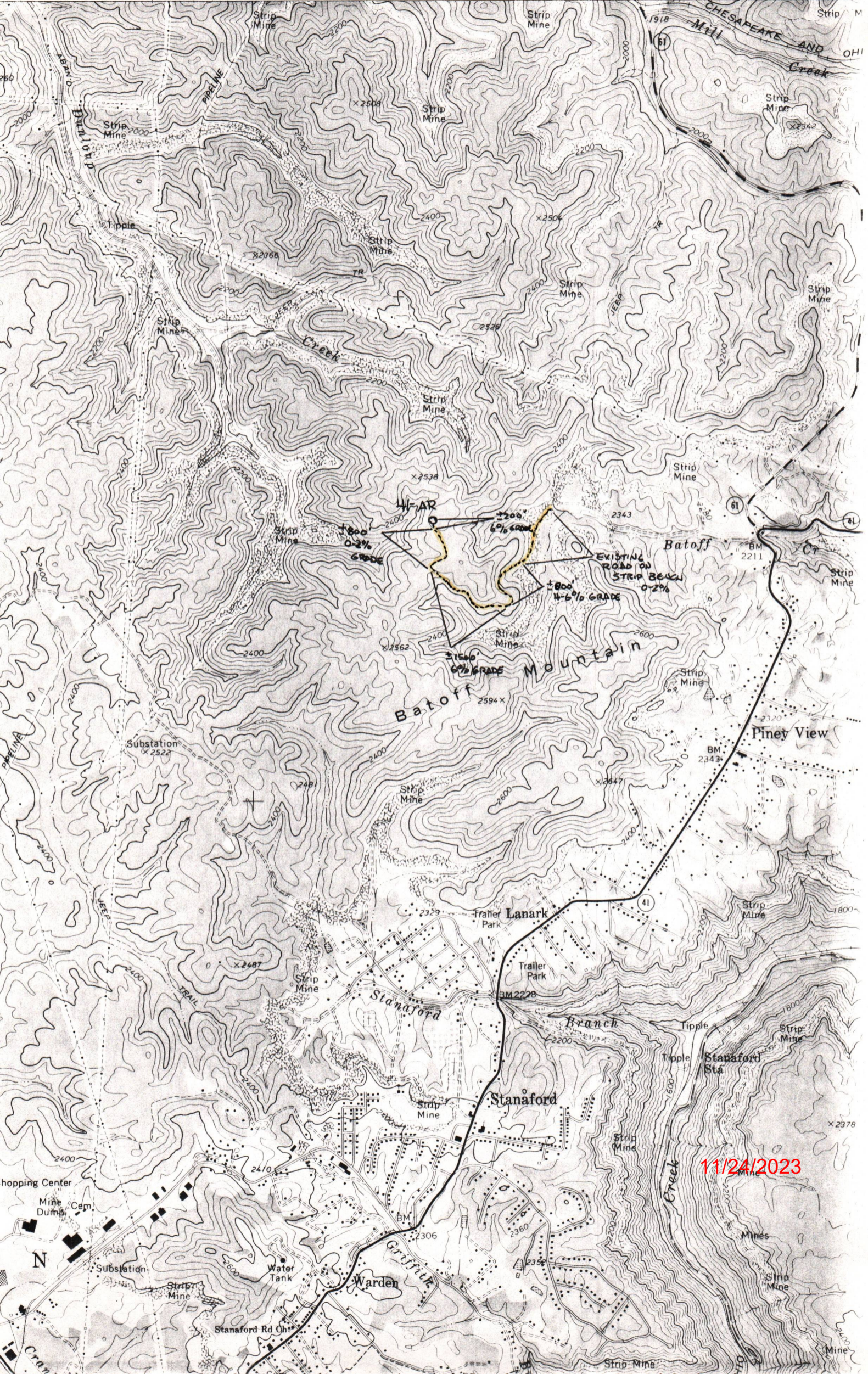
11/24/2023

ATTACHED

WELL SITE PLAN

Ketch 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.





I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

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:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book Page</u>
WESTERN POCAHONTAS	PEAKE OPERATING	1/8	31/197



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DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

State of West Virginia
DEPARTMENT OF ENERGY
Oil and Gas Division

Date August 27, 1985
Operator's
Well No. New River #41-AR
Farm
API No. 47 - 081 - 0678

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: 2529' Watershed Dunloup Creek
District: Town County Raleigh Quadrangle Beckley 7.5

COMPANY Peake Operating Company
ADDRESS 423 Charleston National Plaza
Charleston, W. Va. 25301
DESIGNATED AGENT Timothy K. Wilcox
ADDRESS Same
SURFACE OWNER New River Land Company
ADDRESS P. O. Box 711, Mt. Hope, W. Va. 25880
MINERAL RIGHTS OWNER Western Pocahontas Corp.
ADDRESS P. O. Box 2827, Huntington, W. Va. 25727
OIL AND GAS INSPECTOR FOR THIS WORK
Rodney Dillon ADDRESS Scarbro, W. Va.
PERMIT ISSUED 3/26/85
DRILLING COMMENCED 8/1/85
DRILLING COMPLETED 8/8/85
IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON

Casing & Tubing Size	Used in Drilling	Left in Well	Cement fill up Cu. ft.
20-16 Cond.	15	15	2 sks.
13-10"			
9 5/8			
8 5/8			
7	1233	1233	460 sks.
5 1/2			
4 1/2		2853	150 sks.
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Big Lime Depth 2660 feet
Depth of completed well 2905 feet Rotary X / Cable Tools
Water strata depth: Fresh ___ feet; Salt None feet
Coal seam depths: 314 Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Ravencliff Pay zone depth ___ feet
Gas: Initial open flow 421 Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow 1356 Mcf/d Oil: Final open flow 0 Bbl/d
Time of open flow between initial and final tests ___ hours
Static rock pressure 170# psig (surface measurement) after 72 hours shut in
(If applicable due to multiple completion--)
Second producing formation ___ Pay zone depth 11/24/2023 feet
Gas: Initial open flow ___ Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow ___ Mcf/d Oil: Final open flow 0 Bbl/d
Time of open flow between initial and final tests ___ hours
Static rock pressure ___ psig (surface measurement) after ___ hours shut in

RAL
0678

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

8/20/85 Perforated the Ravencliff from 1601 - 1634 (46 holes)

8/20/85 Fraced Ravencliff with 1000 gal. Acid, 15,000# 80/100 Sand, 35,000# 20/50 Sand, total fluid 276 bbls, 402 SCFN₂, BDP 950#, ATP 1300#, ISIP 1305#, 15 min. SIP 600#.

DEPARTMENT OF ENERGY
DIVISION OF OIL & GAS

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 and Shale			0	1060	
Shale			1060	1260	Coal: 314'-317'
Sand			1260	1305	
Shale			1305	1392	
Sand			1392	1416	
Shale			1416	1560	
*Ravencliff Sand			1562	1636	
*Avis Lime			1636	1670	Gas checks:
Shale (Red)			1670	1730	1526 - N/S
Shale & Sand Streaks			1730	2300	1626 - 368,000
Shale with Lime & Sand Streaks			2300	2500	2678 - 421,000 (53,000 Incr)
*Little Lime			2500	2620	2805 - 442,000 (21,000 Incr)
Shale			2620	2660	2905 - 413,000 (29,000 Decr)
*Big Lime			2660	TD	
*Electric Log Tops					
DTD - 2905'					
LTD - 2897'					

(Attach separate sheets as necessary)

Peake Operating Company

Well Operator

By: Thomas S. Liberatore 11/24/2023

Date: Aug 27, 1985

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

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DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

INSPECTOR'S WELL REPORT

Permit No. 081-0678

Oil or Gas Well _____
(KIND)

Company <u>PEAKE</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer _____
Address <u>Charleston</u>	16			
Farm <u>New River Land Co.</u>	13			
Well No. <u>41AR</u>	10			Size of _____
District <u>Town</u> County <u>Raleigh</u>	8 1/4			
Drilling commenced <u>8-1-85</u>	6 5/8			Depth set _____
Drilling completed <u>8-9-85</u> Total depth <u>@ 2875'</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 <u>7"</u> SIZE <u>1233</u> No. FT. <u>8-6-85</u> 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 Rig #2

Remarks: TS Hole At 2875' Run 4 1/2
MOVE Rig
8-6-85 Run 1233' 7" Cemented w/ 460 SIBS.

8/9/85
DATE

L. Dillon
11/24/2023
DISTRICT WELL INSPECTOR

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

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INSPECTOR'S WELL REPORT

Permit No. 081-0678

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY
(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>41 AR</u>	13			
District <u>Town</u> County <u>Raleigh</u>	10			Size of
Drilling commenced	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			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 Keen Rig #1

Remarks: Drilling on Air At 529'

8/5/85
DATE

R. D. Dutton
DISTRICT WELL INSPECTOR

11/24/2023

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

INSPECTOR'S WELL REPORT

Permit No. 081-0678

Oil or Gas Well GAS
(KIND)

		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Company	<u>PEAKE</u>	Size			
Address	<u>CHAR.</u>	16			Kind of Packer
Farm	<u>New River Co.</u>	13			
Well No.	<u>41 AR</u>	10			Size of
District	<u>Town</u> County <u>Balance</u>	8 1/4			
Drilling commenced		6 5/8			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 _____ SIZE _____ No. FT. _____ Date			
Oil	bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water	feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water	feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: LOCATION & Road Not Reclaimed Not Producing

8-30-85
DATE

R. Weller 11/24/2023
DISTRICT WELL INSPECTOR

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

4 SEP 85 2:55

REC'D - CHAS.

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

11/24/2023

DISTRICT WELL INSPECTOR

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

RECEIVED
AUG 19 1985

INSPECTOR'S WELL REPORT

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Permit No. 081-0678

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>41 AR</u>	13			Size of _____
District <u>Town</u> County <u>Raleigh</u>	10			Depth set _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			Perf. top _____
Date shot _____ Depth of shot _____	5 3/16			Perf. bottom _____
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			
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 Big Justice Const.

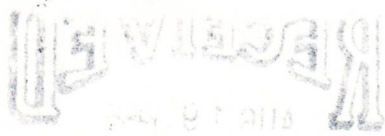
Remarks: Haul frac tanks & water

8/15/85
DATE

R. D. Sullivan
11/24/2023
DISTRICT WELL INSPECTOR

Form 26
2/16/82

**STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
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

DISTRICT WELL INSPECTOR 11/24/2023

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

30 SEP 85 11: 36

REC'D. - CHAS.

INSPECTOR'S WELL REPORT

Permit No. 081-0678

Oil or Gas Well gas
(KIND)

Company <u>Peake</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Chas.</u>	Size			
Farm <u>New River Co</u>	16			Kind of Packer _____
Well No. <u>41 AR</u>	13			Size of _____
District <u>Jones</u> County <u>Raleigh</u>	10			
Drilling commenced _____	8 1/4			Depth set _____
Drilling completed _____ Total depth _____	6 5/8			
Date shot _____ Depth of shot _____	5 3/16			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top _____
Volume _____ Cu. Ft.	Liners Used _____			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 _____

Remarks: location Reclaimed Needs to be seeded

9/13/85
DATE

R. W. Dillon
11/24/2023
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

11/24/2023

 DISTRICT WELL INSPECTOR

✓
1R-26
Obverse

INSPECTOR'S PERMIT SUMMARY FORM

3-26-85

WELL TYPE gas
ELEVATION 2529
DISTRICT Town
QUADRANGLE Buckley
COUNTY Raleigh

API# 47- 081 - 0678
OPERATOR Peake
TELEPHONE _____
FARM New River Co.
WELL # 41AR

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

DATE STARTED _____
LOCATION 5-1-85 NOTIFIED yes DRILLING COMMENCED 8-1-85

WATER DEPTHS _____, _____, _____, _____
COAL DEPTHS _____, _____, _____, _____

CASING

Ran 1233 feet of 2 "pipe on _____ with CTS fill up
Ran 2800 feet of 4 1/2 "pipe on 8-9 with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
TD 2875 feet on 8-9-85

RECEIVED
DEPARTMENT OF ENERGY
OIL AND GAS

PLUGGING

APR 15 1986

Type	From	To	" " " Pipe Removed

Pit Discharge date: _____ Type _____

Field analysis ph _____ fe _____ cl _____

Well Record received _____

Date Released 4-11-86

R. Wilson
Inspector's signature

11/24/2023

API# 47 081-0628

LIST ALL VISITS FOR THIS PERMIT

Keen drilling rig #1

	DATE	TIME	PURPOSE	COMMENTS
1	5-1		Building location	
2				
3	5-13		look after building	
4				
5	8-5		drilling at 529'	
6				
7	8-9		TD Hole	
8				
9	11-13		location reclaimed & seeded	
10				
11	11-29		look after seeding	
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: (If not assigned, leave blank. 14 digits.)	<u>47 - 081 - 0678</u> <u>0687</u>							
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	<u>107</u> Section of NGPA	<u>6</u> Category Code						
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	<u>2905</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> Name <u>423 CHARLESTON NATIONAL PLAZA</u> Street <u>CHARLESTON</u> <u>W. VA.</u> <u>25301</u> City State Zip Code			Seller Code				
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	<u>TOWN DISTRICT</u> Field Name <u>ROLEXN</u> <u>WV</u> County State							
(b) For OCS wells:	Area Name _____		Block Number _____					
	Date of Lease: Mo. Day Yr.		OCS Lease Number _____					
(c) Name and identification number of this well: (35 letters and digits maximum.)	<u>NEW RIVER #41-AR</u>							
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	<u>RAVENCLIFF</u>							
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	<u>MOUNTAINEER GAS COMPANY</u> Name			Buyer Code				
(b) Date of the contract:	<u>10 17 13 10 8 14</u> Mo. Day Yr.							
(c) Estimated total annual production from the well:	<u>25</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: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	<u>3.600</u>	---	---	<u>3.600</u>			
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	<u>6.048</u>	<u>0.756</u>	---	<u>6.804</u>			
9.0 Person responsible for this application:	<u>Timothy K. Wilcox</u> Name <u>Timothy K. Wilcox</u> Signature <u>AUGUST 29, 1985</u> Date Application is Completed			<u>Land Manager</u> Title <u>(304) 342-6970</u> Phone Number				
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Agency Use Only</td> </tr> <tr> <td>Date Received by Juris. Agency AUG 30 1985</td> </tr> <tr> <td>Date Received by FERC</td> </tr> </table>						Agency Use Only	Date Received by Juris. Agency AUG 30 1985	Date Received by FERC
Agency Use Only								
Date Received by Juris. Agency AUG 30 1985								
Date Received by FERC								

11/24/2023

SEP 15 1985

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: AUGUST 29, 1985

37100

AGENCY USE ONLY

TF

Applicant's Name: PEAKE OPERATING COMPANY

Address: 423 CHARLESTON NATIONAL PLAZA

CHARLESTON, WEST VIRGINIA 25301

Gas Purchaser Contract No. B-30029

Date of Contract JULY 30, 1984
(Month, day and year)

WELL DETERMINATION FILE NUMBER
850830 -1076-081 - 0687 ⁰⁶⁷⁸
Use Above File Number on all
Communications Relating to This Well

First Purchaser: MOUNTAINEER GAS COMPANY

P-640

Designated Agent: Timothy K. Wilcox

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

Address: 423 Charleston National Plaza

Charleston, West Virginia 25301

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

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

- 2 New Natural Gas
 - 102-2 2.5 Mile Test
 - 102-3 1000 Foot Deeper Test
 - 102-4 New Onshore Reservoir
- 3 New Onshore Production Well
 - 103 New Onshore Production Well
- 7 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

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

AGENCY USE ONLY

9
QUALIFIED
11/24/2023

RECEIVED
AUG 30 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

ite Received

Determination Date

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

Date AUGUST 29 1985

Operator's Well No. NEW RIVER #41-AR

API Well No. 47 - 081 - 0678
State County Permit

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

MGPA Section 107

DESIGNATED AGENT Timothy K. Wilcox

ADDRESS Suite 423 Charleston National Plaza

Charleston, WV 25301

LOCATION: Elevation 2529'

WELL OPERATOR Peake Operating Co.

ADDRESS Suite 423 Charleston National Plaza Watershed DUNLOP CREEK

Charleston, WV 25301

Dist. TOWN County ROLEIGH Quad. BECKLEY 7.5'

GAS PURCHASER MOUNTAINEER GAS COMPANY

Gas Purchase Contract No. B-30029

ADDRESS 414 SUMMERS STREET

Meter Chart Code _____

CHARLESTON, WV 25301

Date of Contract JULY 30, 1984

* * * * *

Date surface drilling began: AUGUST 1, 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 = 170

G = Specific Gravity = .58

D = Depth to Midpoint of Perforations = 1618

T = Average Temperature (K°) = 534°

BHP = 175.67

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:

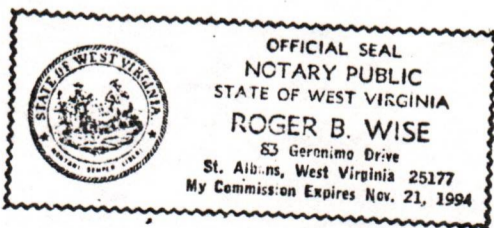
I, ROGER B. WISE, a Notary Public in and for the state and county aforesaid, do certify that TIMOTHY K. WILCOX whose name is signed to the writing above, bearing date the 29 day of August, 1985, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 29 day of August, 1985

My term of office expires on the 21 day of Nov, 1994

Roger B. Wise
Notary Public

[NOTARIAL SEAL]



11/24/2023

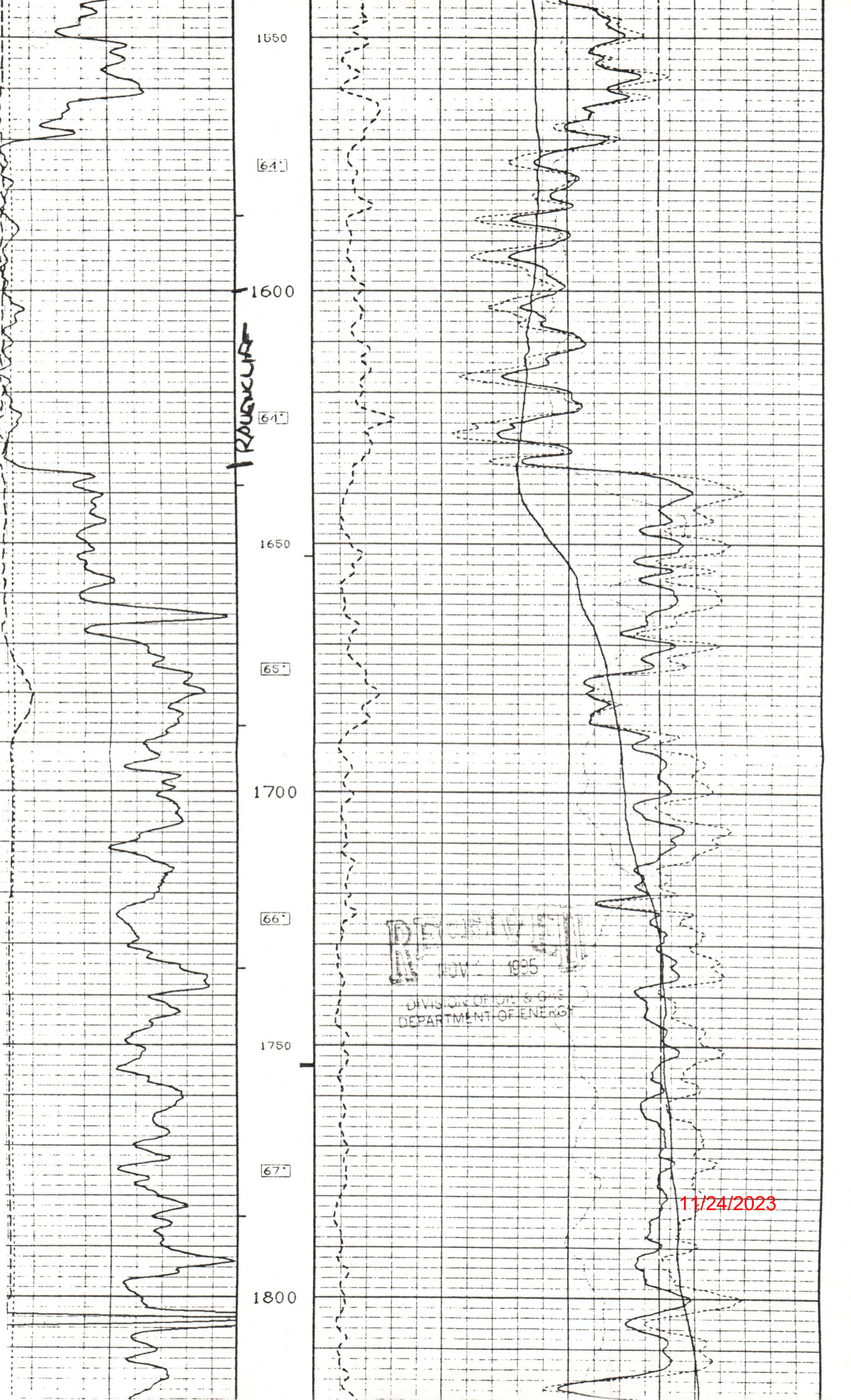
ALLEGHENY
 PEAKE OPERATING COMPANY
 NEW RIVER # 41-AR
 SURVEYS INC. G/R * DEN * CAL * TEM

COMPANY	PEAKE OPERATING COMPANY		
WELL	NEW RIVER # 41-AR		
FIELD	TOWN DISTRICT		
COUNTY	RALIECH		
COUNTRY/STATE	USA / WV		
PERMIT NUMBER	47-081-0678		
LOCATION	BECKLEY 7.5'		
LSD	SEC	TVP	RCE
OTHER SERVICES			
DIS			

PERMANENT DATUM	CIRCUM LEVEL ELEVATION 2529.0'			ELEVATIONS
LOG MEASURED FROM	K.B., 3 FT ABOVE PERMANENT DATUM			KB 2532.0'
DRILLING MEASURED FROM	K.B.			DF N/A
DATE	09-AUG-85			CL 2529.0'
RUN NUMBER	ONE			
DEPTH-DRILLER	2905'			
DEPTH-LOGGER	2897'			
FIRST READING	2897'			
LAST READING	SURFACE			
CASING-DRILLER	1233'			
CASING-LOGGER	1235'			
BIT SIZE	6 1/4"			
HOLE FLUID TYPE	DRY			
DENS. / VISC.				
PH/FLUID LOSS				
SAMPLE SOURCE				
RM @ MEAS TEMP				
RMF @ MEAS TEMP				
RMC @ MEAS TEMP				
SOURCE RMF/RMC				
RM @ BIT				
TIME SINCE CIRC	6 HOURS			
MAX REC TEMP	77 DEGREES			
EQUIPMENT/BASE	"264" CHAS			
RECORDED BY	V. CASTO			
WITNESSED BY	MR BROWN			

RECEIVED
 NOV 2 1985
 DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

11/24/2023



1550

64'

1600

64'

1650

65'

1700

66'

1750

67'

1800

TRAVEL TIME

RECEIVED
NOV 1995
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

11/24/2023

0123-14-85

8550

LATITUDE 37°52'30"

LONGITUDE 81°01'18"

NEW RIVER COMPANY
TH 08 PARCEL 38
1160.38 ACRES
DB 169 PG. 236

NEW RIVER COMPANY
TH 08 PARCEL 45
1975 ACRES
DB 169 PG. 236

E. I. DUPONT de NEMOURS & CO.
TH 11 PARCEL 02
545.58 ACRES
DB 347 PG. 448

PROPOSED 41-AR

N-26870.57
E-11041.51

NEW RIVER COMPANY
TH 08 PARCEL 57
1592.96 ACRES
DB 169 PG. 236

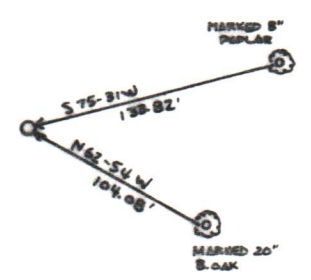
BLACKBURN-PATTERSON REALTY
166 ACRES

NORTH



REFERENCES

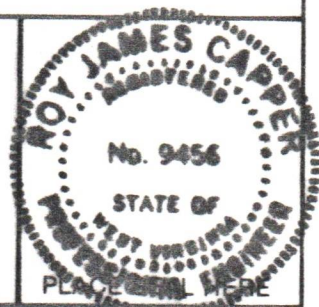
1" = 100'



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

FILE NO. 85009
DRAWING NO. _____
SCALE 1" = 2000'
MINIMUM DEGREE OF
ACCURACY 1 IN 2500
PROVEN SOURCE OF
ELEVATION HIGH POINT
±1100' NW OF LOC. (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 REGU-
LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
MENT OF MINES.
(SIGNED) Ray J. Capper
R.P.E. 9456 I.L.S. _____



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE 22 FEBRUARY, 19 85
OPERATOR'S WELL NO. 41-AR
API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW

47 - 081 - 0678
STATE COUNTY PERMIT

LOCATION: ELEVATION 2528.7' WATERSHED DUNLOUP CREEK OF NEW RIVER
DISTRICT _____ TOWN _____ COUNTY RALEIGH

QUADRANGLE BECKLEY 7.5'
SURFACE OWNER NEW RIVER COMPANY ACREAGE 1592.96

OIL & GAS ROYALTY OWNER NEW RIVER COMPANY LEASE ACREAGE New River 61,000
LEASE NO. 31/197

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 3152'

WELL OPERATOR PEAKE OPERATING COMPANY DESIGNATED AGENT FLOYD B. WILCOX
ADDRESS 423 CHARLESTON NATIONAL PLAZA ADDRESS 423 CHARLESTON NATIONAL PLAZA
CHARLESTON, WEST VIRGINIA 25301 CHARLESTON, WEST VIRGINIA 25301

COUNTY NAME
PERMIT

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

11/24/2023