



1) Date: APR 15, 1985
 2) Operator's Well No. NEW RIVER #40-AR
 3) API Well No. 47-081-0684
 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 / B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 2442.4 / Watershed: DUNLOPP CREEK OF NEW RIVER
 District: TOWN 6 / County: Raleigh / Quadrangle: Beckley 7.5 234
- 6) WELL OPERATOR PEAKE OPERATING CO. 37100 / 7) DESIGNATED AGENT Timothy K. Wilcox
 Address 423 CHAS. NATIONAL PLAZA CHARLESTON WV 25301 / Address SAME
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Rodney G. Dillon / 9) DRILLING CONTRACTOR: Name UNKNOWN
 Address P.O. Box 30 SCARBRO WV 25917 / Address _____
- 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate
 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, 3069 feet
- 13) Approximate trata depths: Fresh, 50 feet; salt, 500 feet.
- 14) Approximate coal seam depths: 240, 600 Is coal being mined in the area? Yes / No
- 15) CASING AND TUBING PROGRAM

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

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	CTS	Kinds
Fresh water	12 3/4	H-40	48	X		270	270	CTS	
Coal	9 5/8	H-40	36	X		650	650	CTS by rule 15.05	
Intermediate	7	J-55	17	X		1192	1192	150 sacks	
Production	4 1/2	J-55	9.5	X		2870	2870	300 sacks	Depths set
Tubing									
Liners									Perforations: Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-081-0684 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:	Agent:	Plat:	Casing	Fee
<u>111</u>	<u>SW</u>	<u>MW</u>	<u>MW</u>	<u>4449</u>

Margaret J. Hesse
Administrator, Office of Oil and Gas

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

RECEIVED



IV-9
(Rev 8-81)

APR 15 1985

DATE 6 APRIL 1985

WELL NO. 40-AR

API NO. 047 - 081 - 0684

State of West Virginia

Department of Mines
Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME PEAKE OPERATING CO. DESIGNATED AGENT TIMOTHY K. WILCOX
 Address 423 CHARLESTON NATIONAL PLAZA Address 423 CNB PLAZA
 Telephone 304-342-6970 Telephone 304-342-6970
 LANDOWNER NEW RIVER CO. 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: 4-10-85

(Date)
Gary W. Boschain
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>ACCESS ROAD ±2200'</u> (A)	Structure <u>DRILLING PIT</u> (1)
Spacing <u>VARIOUS GRADES (SEE SKETCH)</u>	Material <u>EARTHEN ±LINED</u>
Page Ref. Manual <u>2-14</u>	Page Ref. Manual <u>N/A</u>
Structure <u>CROSS DRAINS</u> (B)	Structure _____ (2)
Spacing <u>VARIOUS (SEE SKETCH)</u> <small>TABLE 1, 2-4</small>	Material _____
Page Ref. Manual <u>SEE SKETCH</u>	Page Ref. Manual _____
Structure <u>DRAINAGE DITCH</u> (C)	Structure _____ (3)
Spacing <u>EARTHEN</u>	Material _____
Page Ref. Manual <u>2-12</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
 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. UH 11/24/2023

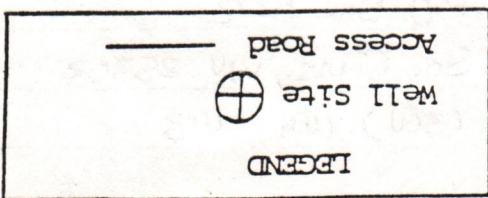
ADDRESS P.O. Box 8372
So. CHAS., WV 25303
 PHONE NO. (304) 744-5413

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

*SEE CONSTRUCTION PLAN FOR 41-AR

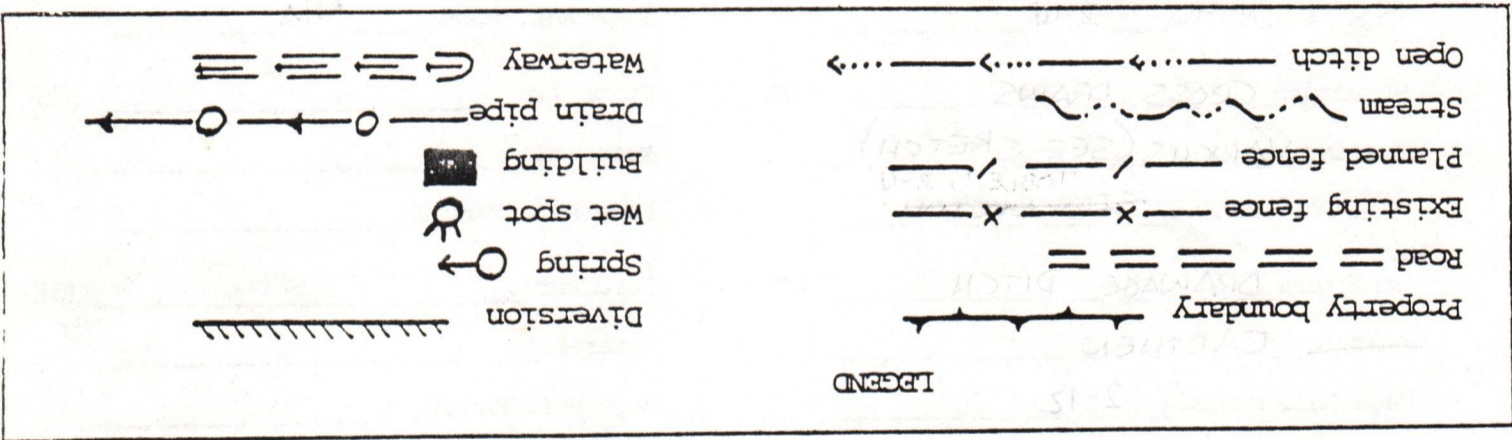
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE BECKLEY 7.5'

11/24/2023

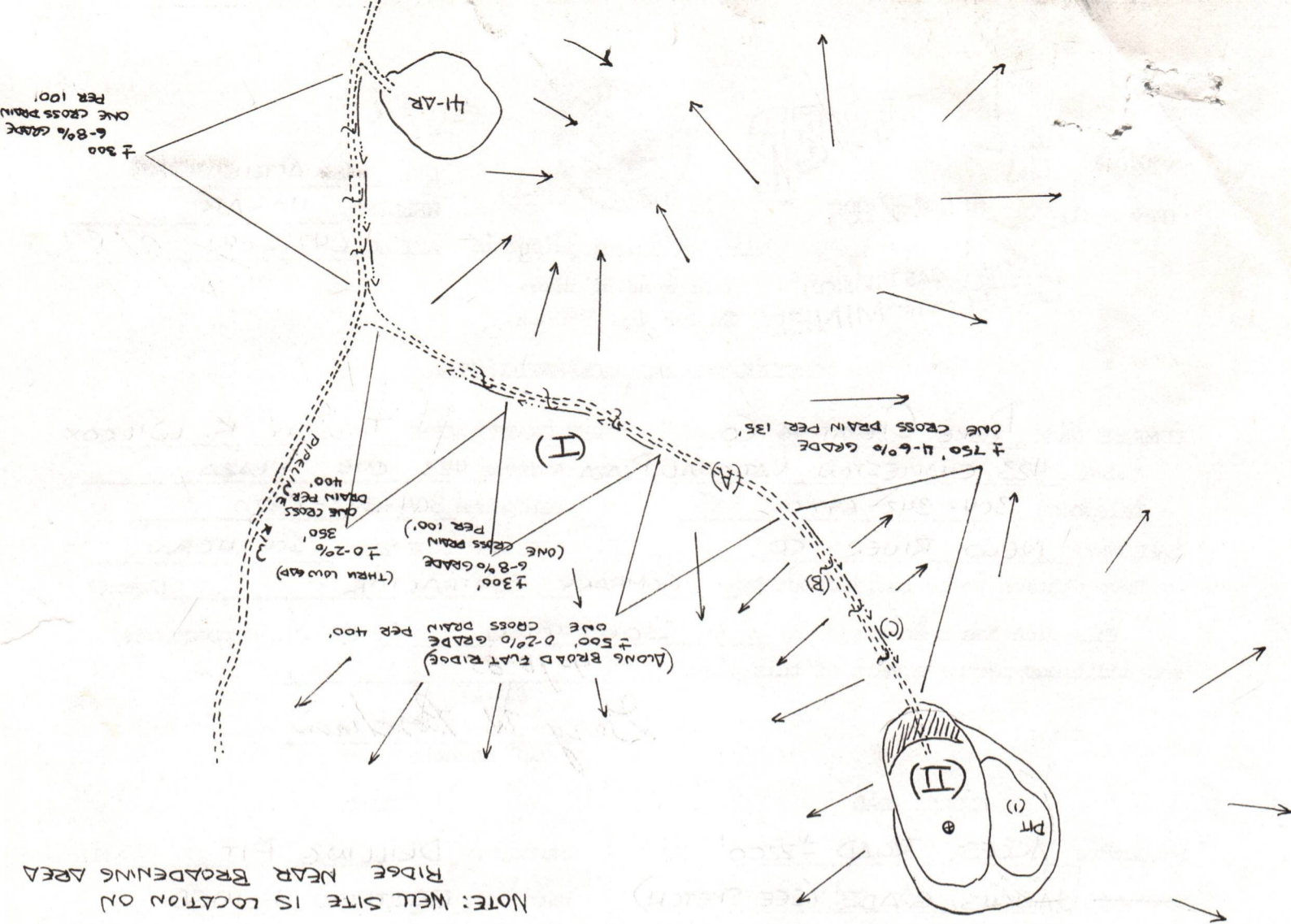


WELL SITE PLAN

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



NOTE: WELL SITE IS LOCATION ON RIDGE NEAR BROADENING AREA



(PRINCE) 4759 / SE 4185
4186
4187
50
4188
PRINCE 4.3 MI.
DANESE 16 MI.
4189
310 000
FEET
4190
4191



11/24/2023

11/24/2023

1) Date: April 15, 1985
 2) Operator's Well No. New River # 40-AR
 3) API Well No. 47-081-0684
 State County Permit

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES, OFFICE OF OIL & GAS

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

(1) Name New River Company
 Address P.O. Box 711
Mt. Hope, WV 25880
 (11) Name Attal Kou Brigglio
 Address _____

(111) Name _____
 Address _____

5 (111) COAL LESSEE WITH DECLARATION ON RECORD:

Name New River Company
 Address Address SAME

5 (11) COAL OWNER(S) WITH DECLARATION ON RECORD:

Name Western Prokhovos Corp.
 Address CSX Minerals
P.O. Box 3827
Huntington, WV 25727
 Address Attal John H. Mooney

5 (1) COAL OPERATOR New River Company
 Address 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 RECEIVE 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, ISSUED 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) DECLARATION RIGHTS

- I hold the right to extract oil or gas.
 - Included in 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 20-4-1-(c) (1) through (4). (See reverse side for specifics.)
- Check and provide one of the following: (DD file)
- 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 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, 1991.

Notary Public, Stargate County,

Bruce E. Turner

State of West Virginia



OFFICIAL SEAL
 NOTARY PUBLIC
 STATE OF WEST VIRGINIA
BRUCE E. TURNER
 423 Charleston National Plaza
 Charleston, West Virginia 25301
 My Commission Expires June 30, 1991

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

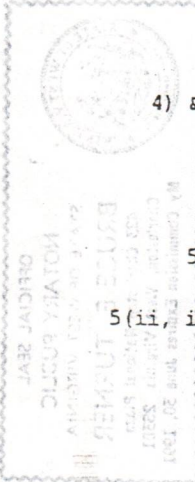
OIL & GAS DIVISION
 DEPT. OF MINES

RECEIVED
 APR 15 1985

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:

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

P 450 424 165

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982 *New River 40 & 49-AR*

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	\$ 2.18
Postmark or Date	APR 15 1985

P 450 424 166

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL

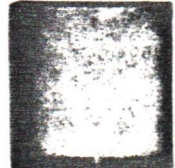
New River *Self* #49-AR

PS Form 3800, Feb. 1982

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	\$ 2.18
Postmark or Date	APR 15 1985

DEPT. OF MINES
OIL & GAS DIVISION

RECEIVED
APR 15 1985





Date August 27, 1985
Operator's
Well No. New River #40-AR
Farm
API No. 47 - 081 - 0684

RECEIVED
AUG 30 1985

State of West Virginia
DEPARTMENT OF ENERGY
Oil and Gas Division

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY
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: 2442' 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 5/1/85
DRILLING COMMENCED 8/9/85
DRILLING COMPLETED 8/15/85

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.	31	31	2 sks.
13-10"			
9 5/8			
8 5/8			
7	1170	1170	470 sks.
5 1/2			
4 1/2		2812	150 sks.
3			
2			
Liners used			

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

GEOLOGICAL TARGET FORMATION Big Lime Depth 2620 feet
Depth of completed well 2904 feet Rotary X / Cable Tools
Water strata depth: Fresh feet; Salt 1745 feet
Coal seam depths: Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Big Lime Pay zone depth feet
Gas: Initial open flow 30 Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow Not tested Mcf/d 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
(If applicable due to multiple completion--)

Second producing formation Ravencliff Pay zone depth 11/24/2023 feet
Gas: Initial open flow 30 Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow 1164 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

RAL 0684

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

8/22 Perforated the Ravencliff from 1529-1572 with 50 holes. Set Model S solid plug at 1630'. Dowell treated Ravencliff with 75 Quality foam frac. Used 1000 gal. 15% HCL, 15,000# 80/100, 45,000 20/50, 390,000 SCFN², total fluid was 276 bbls. BD 1100#, ATP 1450#, ISIP 1500#, after 15 min. 515#.

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

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	1105	
Shale			1105	1155	Water at 1746 - 1/2 gal/min.
Sand			1155	1240	
Shale			1240	1335	
Sand			1335	1366	
Shale			1366	1500	
*Ravencliff Sand			1500	1580	
*Avis Lime			1580	1608	Gas Checks:
Shale (Red)			1608	1650	1501 - N/S
Shale with Sand Strks.			1650	2200	1603 - 29,800 cu.ft.
Shale & Lime & Sand Strks.			2200	2450	2555 - 66,000 (36,200 Incr)
*Little Lime			2450	2570	2730 - 88,000 (22,000 Incr)
Shale			2570	2616	2780 - 100,000 (12,000 Incr)
*Big Lime			2616	TD	2880 - 88,000 2905 - 88,000
*E - Log Tops					
DTD - 2905					
LTD - 2885					

(Attach separate sheets as necessary)

PEAKE OPERATING COMPANY

Well Operator

By: Romas S. Schenator

11/24/2023

Date: August 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 MINES
OIL AND GAS WELLS DIVISION

RECEIVED
AUG 19 1985

INSPECTOR'S WELL REPORT

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Permit No. 081-0684

Oil or Gas Well _____
(KIND)

		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Company	<u>Peake</u>				
Address	<u>Charleston</u>	Size			
Farm	<u>New River Land</u>	16			Kind of Packer
Well No.	<u>40 AR</u>	13			
District	<u>Town</u> County <u>Raleigh</u>	10			Size of
Drilling commenced	<u>8-9-85</u>	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 <u>7in</u> SIZE <u>1170'</u> No. FT. <u>8-12-85</u> Date			
Oil	bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY <u>Dowell</u>			
Fresh water	feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water	feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
		_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Keen Rig #1

Remarks:
8-12-85 Run 1170' 7" Casing Cement to Surface
8-13-85 Drill on Air Dusting Hole at 1351'

8/13/85
DATE

R. D. Dill
DISTRICT WELL INSPECTOR

11/24/2023

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 MINES
OIL AND GAS WELLS DIVISION

RECEIVED
AUG 19 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

INSPECTOR'S WELL REPORT

Permit No. 081-0684

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>40 AR</u>	13			
District <u>Town</u> County <u>Raleigh</u>	10			Size of _____
Drilling commenced <u>8-9-85</u>	8 1/4			Depth set _____
Drilling completed <u>8/15/85</u> Total depth <u>2905</u>	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.				
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: TD Hole AT 2905' Try To log well
log did not go

8/15/85
DATE

R. Dellon
11/24/2023
DISTRICT WELL INSPECTOR

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

INSPECTOR'S PERMIT SUMMARY FORM

5-1-85

WELL TYPE gas
ELEVATION 2442
DISTRICT Town
QUADRANGLE Buckley
COUNTY Raleigh

API# 47- 081 - 0684
OPERATOR Peake
TELEPHONE _____
FARM New River Co.
WELL # 40AR

SURFACE OWNER New River Co. COMMENTS _____ TELEPHONE _____

TARGET FORMATION _____ DATE APPLICATION RECEIVED _____

DATE STARTED _____

LOCATION 8-5-85 NOTIFIED yes DRILLING COMMENCED 8-9-85

WATER DEPTHS _____, _____, _____, _____

COAL DEPTHS _____, _____, _____, _____

CASING

Ran 1170 feet of 7 "pipe on _____ with CTS fill up

Ran 2812 feet of 4 1/2 "pipe on 8-15 with _____ fill up

Ran _____ feet of _____ "pipe on _____ with _____ fill up

Ran _____ feet of _____ "pipe on _____ with _____ fill up

TD 2905 feet on 8-15-85

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. Della
Inspector's signature

11/24/2023

API# 47 081-0684

LIST ALL VISITS FOR THIS PERMIT

Keen drilling rig 1

	DATE	TIME	PURPOSE	COMMENTS
1	8-5		Building location	
2				
3	8-9		Move rig	
4				
5	8-13		dusting at 1350'	
6				
7	8-15		TD Hole	
8				
9	11-13		location reclaimed & seeded	
10				
11	11-29		look after seeding	
12				
13				
14				
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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 - 0684</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>2904</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			Seller Code
	<u>423 CHARLESTON NATIONAL PLAZA</u> Street			
	<u>CHARLESTON</u> City	<u>W. VA.</u> State	<u>25301</u> Zip 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>RALEIGH</u> County		<u>WV</u> 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 #40-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>07 30 84</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>---</u>	<u>---</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>---</u>	<u>6.804</u>
9.0 Person responsible for this application:	<u>Timothy K. Wilcox</u> Name			
Agency Use Only	<u>Timothy K. Wilcox</u> Signature			<u>Land Manager</u> Title
Date Received by Juris. Agency <u>AUG 30 1985</u>	<u>AUGUST 29, 1985</u> Date Application is Completed			<u>(304) 342-6870</u> Phone Number
Date Received by FERC				<u>11/24/2023</u>

4800-36

FORM IV-48WC
(02-84)

STATE OF WEST VIRGINIA

SEP 15 1985

DEPARTMENT OF MINES, OIL AND GAS DIVISION

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: AUGUST 29, 1985

AGENCY USE ONLY TF

Applicant's Name: PEAKE OPERATING COMPANY

37100

WELL DETERMINATION FILE NUMBER
850830 -1076-081-0684
Use Above File Number on all
Communications Relating to This Well

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)

First Purchaser: MOUNTAINEER GAS COMPANY

P.640

Designated Agent: Timothy K. Wilcox

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

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

Address: 423 Charleston National Plaza

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 (Print) _____ Land Manager
(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

- 102 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

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

- 107 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

9
QUALIFIED
11/24/2023

RECEIVED
AUG 30 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Date Received _____

Determination Date _____

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

Date AUGUST 29 1984

Operator's Well No. NEW RIVER #40-AR

API Well No. 47 - 081 - 0684
State County Permit

WELL CLASSIFICATION FORM
HIGH COST GAS WELL—NEW TIGHT FORMATION

NGPA Section 197

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

Charleston, WV 25301
LOCATION: Elevation 2442'

WELL OPERATOR Peake Operating Co.

ADDRESS Suite 423 Charleston National Plaza Watershed DUNLOP CREEK
Charleston, WV 25301 Dist. TOWN County ROLEIGH Quad. BECKLEY 7S

GAS PURCHASER MOUNTAINEER GAS COMPANY

Gas Purchase Contract No. B-30029

ADDRESS 414 SUMMERS STREET
CHARLESTON, WV 25301

Meter Chart Code
Date of Contract JULY 30, 1984

* * * * *

Date surface drilling began: AUGUST 9, 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 = 1551

T = Average Temperature (K°) = 533°

BHP = 175.44

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:

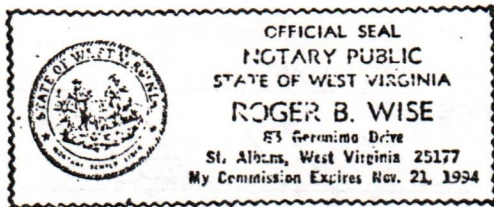
I, ROGER B WISE, a Notary Public in and for the state and county aforesaid, do certify that TIMOTHY K WILCOX whose name is signed to the writing above, bearing date the 29 day of August, 1985, has acknowledged the same before me, in my county aforesaid.

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

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

8/22 Perforated the Ravencliff from 1529-572 with 50 holes. Set Model S solid plug at 1630'. Dowell treated Ravencliff with 75 Quality foam frac. Used 1000 gal. 15% HCL, 15,000# 80/100, 45,000 20/50 390,000 SCFN₂, total fluid was 276 bbls. BD 1100#, ATP 1450#, ISIP 1500#, after 15 min. 515#.

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	1105	
Shale			1105	1155	Water at 1746 - 1/2 gal/min.
Sand			1155	1240	
Shale			1240	1335	
Sand			1335	1366	
Shale			1366	1500	
*Ravencliff Sand			1500	1580	
*Avis Lime			1580	1608	Gas Checks:
Shale (Red)			1608	1650	1501 - N/S
Shale with Sand Strks.			1650	2200	1603 - 29,800 cu.ft.
Shale & Lime & Sand Strks.			2200	2450	2555 - 66,000 (36,200 Incr)
*Little Lime			2450	2570	2730 - 88,000 (22,000 Incr)
Shale			2570	2616	2780 - 100,000 (12,000 Incr)
*Big Lime			2616	TD	2880 - 88,000
					2905 - 88,000
*E - Log Tops					
DTD - 2905					
LTD - 2885					

(Attach separate sheets as necessary)

PEAKE OPERATING COMPANY

Well Operator

By: *Kenneth S. Shearer*

11/24/2023

Date: *August 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."

BOND CEMENT AND/OR SONIC SEISMOGRAM LOG

GAMMA RAY

FILING NO.

COMPANY PEAKE OPERATING COMPANY

WELL NEW RIVER # 40-R

FIELD TOWN DISTRICT

COUNTY RALEIGH STATE WV

LOCATION

BECKLEY 7.5'

OTHER SERVICES

3 1/8" ALPHA PERF.

PERMIT #
47-081-0684

SEC. TWP. RGE.

PERMANENT DATUM GROUND LEVEL ELEV. 2442.4'

LOG MEASURED FROM TOP 7" CSG.

DRILLING MEASURED FROM K.B.

ELEVATIONS:
KB 2445.4'

DF
GL 2442.4'

DATE 8-22-85

RUN NO. ONE

TYPE LOG GAMMA RAY/BOND CEMENT

DEPTH-DRILLER 2905'

DEPTH-LOGGER 2777'

BOTTOM LOGGED INTERVAL 2773'

TOP LOGGED INTERVAL 1100'

TYPE FLUID IN HOLE WATER

SALINITY PPM CL. -

DENSITY LB./GAL. -

LEVEL FULL

MAX. REC. TEMP. DEG. F. 77°

OPR. RIG TIME 1 1/2 HRS.

RECORDED BY W. T. RHULE

WITNESSED BY MR. T. LIBERATORE

DISTRICT: CHARLESTON

BORE HOLE RECORD		CASING RECORD				
RUN NO.	BIT FROM	TO	SIZE	WGT.	FROM	TO
6	1/4"	1170'	2905'	4 1/2"	SURF.	2812'

RECEIVED
NOV 2 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

11/24/2023

1500

ROUENKLIFF

18 HOLES

20 HOLES

12 HOLES

1600

NOV 1 1995

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

1700

11/24/2023

11/14-30-85

9650'

LATITUDE 37°52'30"

LONGITUDE 81°07'30"

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

NEW RIVER COMPANY
TH 08 PARCEL 65
1975.0 ACRES
DB 169 PAGE 236

DUNLOUP CREEK

N 17-14-14 E
1506.14'

PROPOSED 49-AR

E. I. DUPONT & CO.
TH 11 PARCEL 02
545.58 ACRES
DB 347 PAGE 448

PROPOSED 40-AR
N-28018.041
E-9983.590

NEW RIVER COMPANY
TH 08 PARCEL 37
1592.96 ACRES
DB 169 PAGE 236

NS8-42-20W 7459.89'

NS5-36-35W 7814.95'

BATOFF CREEK

S07-S5E 1271.56'

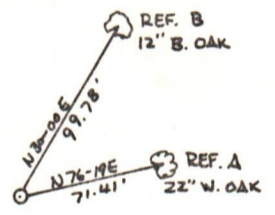
S07-S2E 957.08'

SS 8806 (Found)

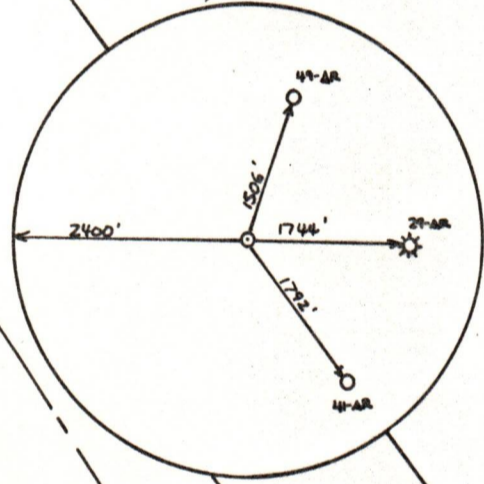
S07-S1E 544.37'

SS 8807 (Found)

REFERENCES 1"=100'



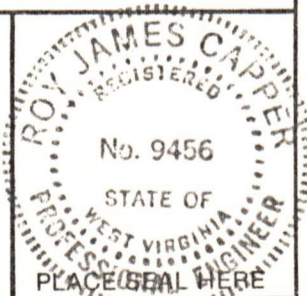
NORTH



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

FILE NO. 85022
 DRAWING NO. _____
 SCALE 1"=2000'
 MINIMUM DEGREE OF ACCURACY 1 IN 5000
 PROVEN SOURCE OF ELEVATION HIGH POINT ±1000'
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. Copper
 R.P.E. 9456 L.L.S. _____



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE 6 APRIL, 19 85
 OPERATOR'S WELL NO. 40-AR
 API WELL NO. _____

47 081 0684
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 2442.4 WATER SHED DUNLOUP CREEK OF NEW RIVER

DISTRICT _____ TOWN _____ COUNTY RALEIGH
 QUADRANGLE BECKLEY 7.5

SURFACE OWNER NEW RIVER COMPANY ACREAGE 1160.38

OIL & GAS ROYALTY OWNER NEW RIVER COMPANY LEASE ACREAGE 1160.38
 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 Lime ESTIMATED DEPTH 3069

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

COUNTY NAME

PERMIT