



1) Date: AUGUST 26, 19 85
2) Operator's Well No. NEW RIVER #60-AR
3) API Well No. 47 -081-0704
State County Permit

RECEIVED
AUG 28 1985

STATE OF WEST VIRGINIA
DIVISION OF OIL & GAS DEPARTMENT OF ENERGY, OIL AND GAS DIVISION
DEPARTMENT OF ENERGY **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: 2112.3 Watershed: DUNLOP CREEK
District: TOWN 6 County: RALEIGH Quadrangle: BECKLEY 7.5' 234
6) WELL OPERATOR PEAKE OPERATING CODE: 37100 7) DESIGNATED AGENT TIMOTHY K. WILCOX
Address 423 CHARLESTON NATIONAL PLAZA Address SOME
CHARLESTON, WV 25301
8) OIL & GAS INSPECTOR TO BE NOTIFIED Name RODNEY DILLON
Address 469 - 2015
9) DRILLING CONTRACTOR: Name KEEN DRILLING CO.
Address KEEN MTN., VA

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, RAVENCLIFF
12) Estimated depth of completed well, 1409 feet
13) Approximate trata depths: Fresh, feet; salt, feet.
14) Approximate coal seam depths: 360 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		
Conductor	12 3/4					30	30	CTS Kinds
Fresh water	9 5/8	H-40	36	X		390	390	CTS
Coal	7	J-55	17	X		1097	1097	150 SKS Sizes
Intermediate	4 1/2	J-55	9.5	X		1375	1375	300 SKS
Production								Depths set
Tubing								Perforations:
Liners								Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-081-0704 Date September 13 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 September 13, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee	WPCR	S&E	Other
	<u>ACB</u>			<u>4797</u>			

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

Jeffrey Tepehold
Director, Division of Oil and Gas

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

11/10/2023



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OFFICE USE ONLY

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

1. WELL TYPE - A OR B (Production) (Injection)

2. LOCATION: Township: RAVENHOLE County: BOCKLEY TWP Section: 3100

3. WELL OPERATOR: PROBE DRILLING CORP Address: 425 CHARLESTON AVENUE City: CHARLESTON, WV 25301

4. OIL & GAS INSPECTOR TO BE NOTIFIED: Name: ROBERT BROWN Address: 449 - 2012

5. PROPOSED WELL WORK: Drill Replug Repair Other: (Specify: REVENHOLE)

6. DRILLING CONTRACTOR: Name: KEEN DRILLING CO. Address: KEEN AVE., VA

7. DESIGNATED AGENT: Name: TIMOTHY K. WOOD Address: SAME

8. DEPTH OF COMPLETION: (ft) 30

9. APPROXIMATE DEPTH OF COMPLETION: (ft) 30

10. APPROXIMATE COST: \$ 300

11. CARING AND TUBING PROGRAM: (Specify: 300)

OFFICE USE ONLY

This part of Form WW-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: _____

11/10/2023

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AUG 28 1985



IV-9
(Rev 8-81)

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

State of West Virginia
Department of Mines
Oil and Gas Division

DATE 12 August 1985
WELL NO. 60-AR
API NO. 047-081-0704

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 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: 8-16-85

(Date)
Gary W. Borchain
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>ACCESS ROAD ± 4900'</u> (A) ± 500 4-6% GRADE Spacing <u>± 4400 0-2% GRADE</u> Page Ref. Manual <u>2-14</u>	Structure <u>DRILLING PIT</u> (1) Material <u>EARTHEN & LINED</u> Page Ref. Manual <u>N/A</u>
Structure <u>CROSS DRAIN</u> (B) 4-6% GRADE - ONE PER 135' Spacing <u>0-2% GRADE - ONE PER 400'</u> ON GRADE Page Ref. Manual <u>TABLE 1, PG. 2-4</u>	Structure <u>SEDIMENT BARRIERS</u> (2) Material <u>HAY BALES</u> Page Ref. Manual <u>2-16 & 2-18</u>
Structure <u>DRAINAGE DITCH</u> (C) Spacing <u>EARTHEN</u> Page Ref. Manual <u>2-12</u>	Structure _____ (3) Material _____ 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>ANNUAL RYEGRASS</u> <u>10</u> lbs/acre	<u>ANNUAL RYEGRASS</u> <u>10</u> lbs/acre
<u>CROWN VETCH</u> <u>10</u> lbs/acre	<u>CROWN VETCH</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 11/10/2023
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 PHOTOCOPIY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE BECKLEY 7 1/2

LEGEND

Well Site 











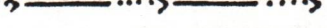

Access Road 

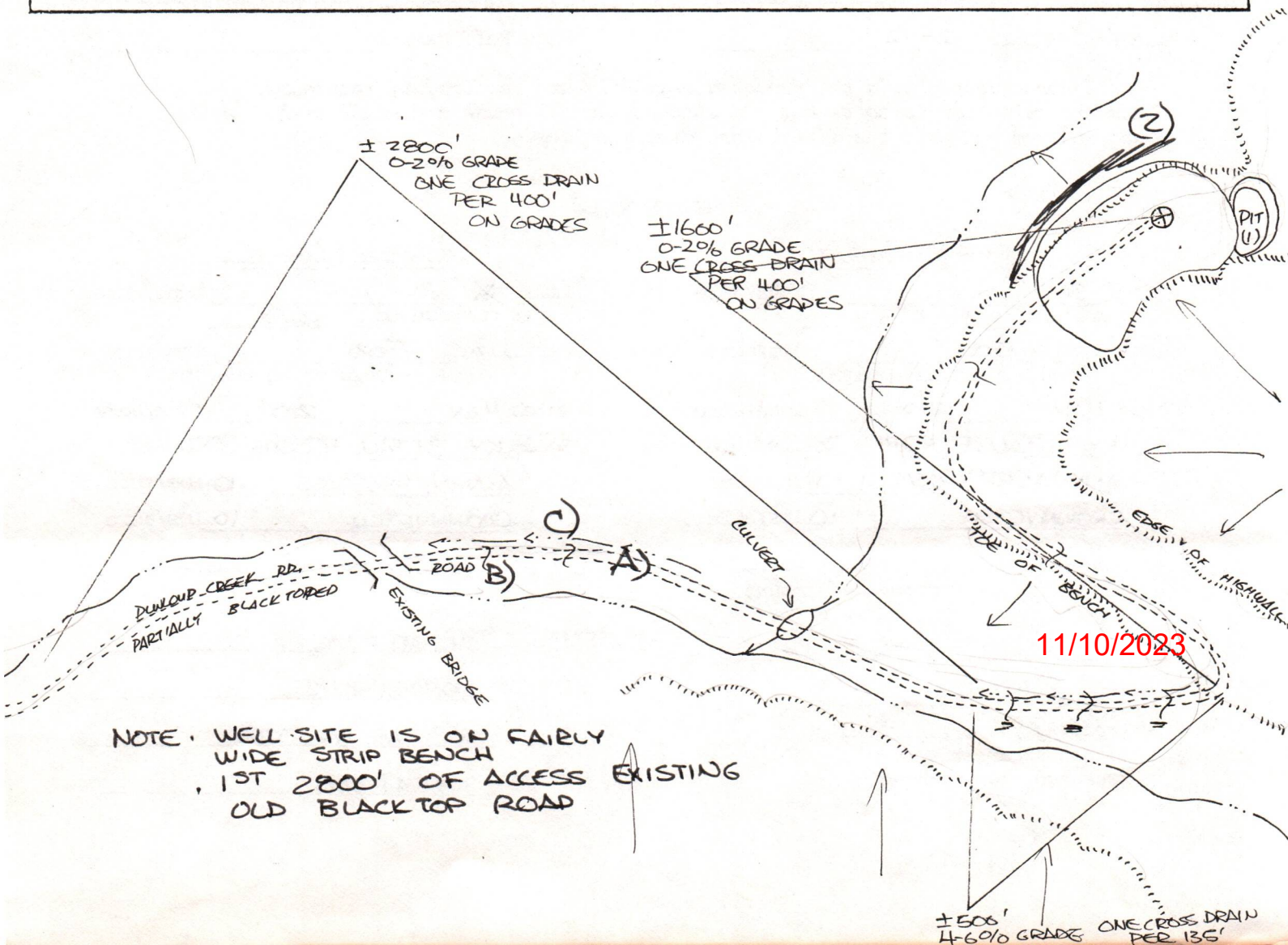
ATTACHED

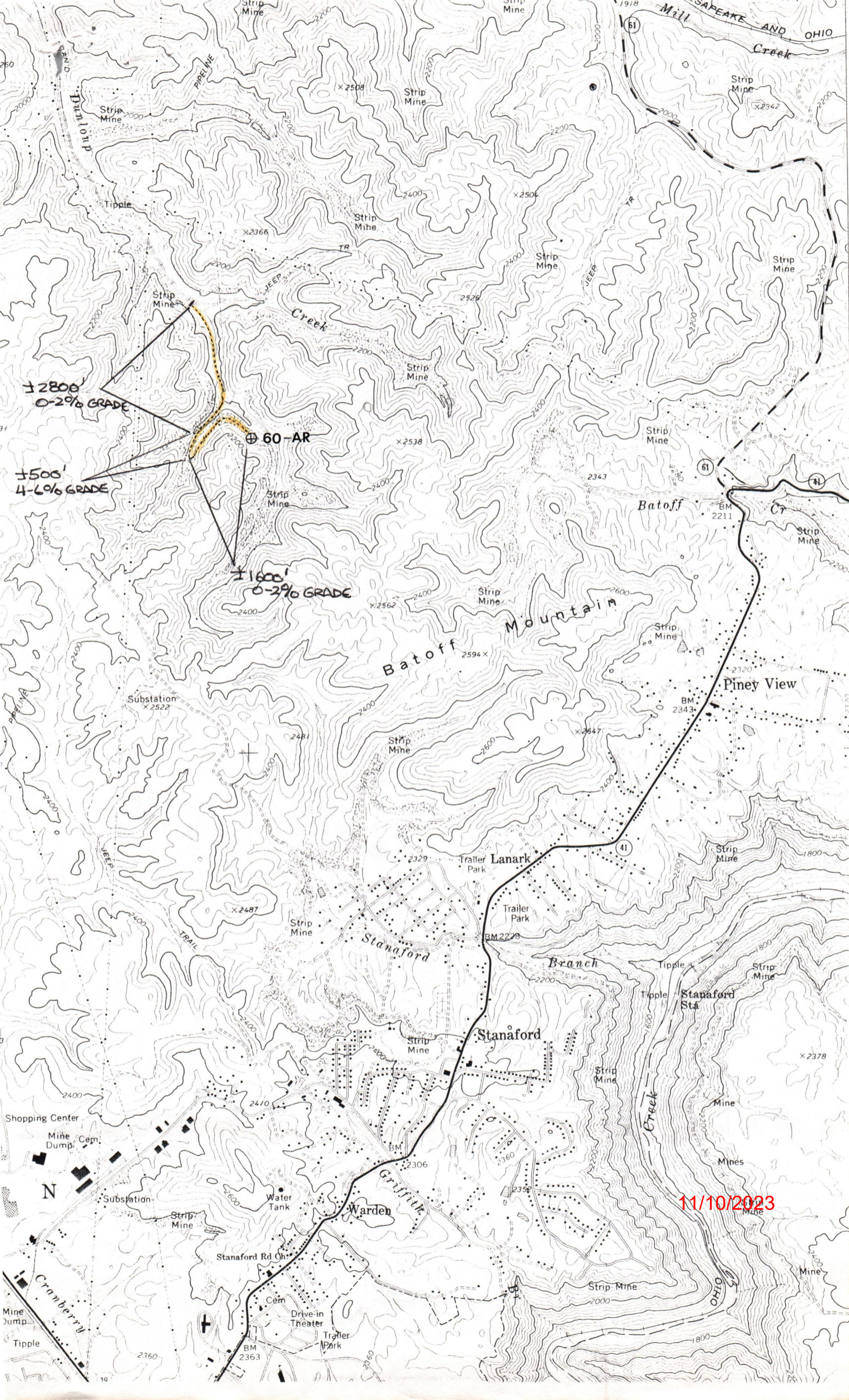
WELL SITE PLAN

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

LEGEND

Property boundary 	Diversion 
Road 	Spring 
Existing fence 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 





11/10/2023

1) Date: AUGUST 26, 1985
Operator's
2) Well No. NEW RIVER #60-AR
3) API Well No. 47 -081 -0704
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL & GAS

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name NEW RIVER CO.
Address P.O. BOX 711

MT. NOPE, WV 25880

(ii) Name ATTN. LOU BRIBULLO
Address _____

(iii) Name _____
Address _____

5 (i) COAL OPERATOR NEW RIVER CO.
Address SAME

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

Name WESTERN ROCKMOUNTS CORP.

Address CSX MINERALS

P.O. BOX 2827

Name HUNTINGTON, WV 25727

Address ATTN. J. H. MOONEY

5 (iii) COAL LESSEE WITH DECLARATION ON RECORD:

Name NEW RIVER CO.

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 WW-2(B) 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 WW-6, and
- (3) The Construction and Reclamation Plan on Form WW-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 WW-2(B) DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22B 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 Director of the Division of Oil and Gas, with respect to a well at the location described on attached Application and depicted on attached Form WW-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 Director of the Division of Oil and Gas.

6) EXTRACTION RIGHTS

Check and provide one of the following: (on file with State)
 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 22B-1-8(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 WW-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.

WELL OPERATOR PECKE OPERATING COMPANY

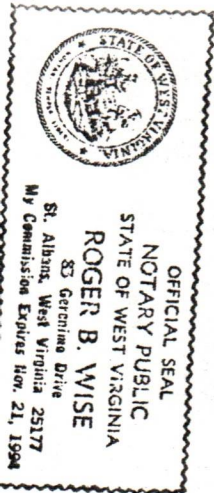
By Timothy K. Wilcox

Its MANAGER

Address SUITE 423 CHAS. NAT'L PLURA
CHARLESTON, WV 25301

Telephone (304) 342-6970

11/10/2023



truth of the information on the Notice Application is verified and sworn to and Notice is signed on behalf of the Well operator in my County and State by TIMOTHY K WILCOX, 27 day of August, 1985, commission expires Nov 21, 1994.
Notary Public, KANAWHA County, State of WEST VIRGINIA

RECEIVED
AUG 28 1985
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

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 Division 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 §22B-1-9(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 §22B-1-36.
- 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 §22B-1-6 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 §22B-1-2C and the reclamation required by Code §22B-1-30 and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code §22B-1-2(c) and 22B-1-29, and (v) if applicable, the consent required by Code §22B-1-21 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 § § 22B-1-9, 22-B-1-13 and 22B-1-14.

INFORMATION SUPPLIED UNDER CODE §22B-1-8(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 DOCUMENTS CORP	PEAKE OPERATING CO	1/8	11/10/2023 5/17/17

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SITE REGISTRATION APPLICATION FORM
STATE OF WEST VIRGINIA/NPDES GENERAL PERMIT FOR OIL AND GAS
DRILLING PIT WASTE DISCHARGE

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

1. Company Name PEAKE OPERATING COMPANY
2. Mailing Address 423 CHAS. NAT'L PLAZA CHARLSTON WV 25301
street city state zip
3. Telephone (304) 342-6970
4. Well Name NEW RIVER #60-AR
5. Latitude 37° 52' 30" Longitude 81° 07' 30"
6. NPDES # WV0073343
7. Dept. Oil & Gas Permit NO. 47-081-0704
8. County RALEIGH
9. Nearest Town BECKLEY
10. Nearest Stream DUNLOP CREEK
11. Tributary of _____
12. Will Discharge be Contracted Out? yes X no _____
13. If Yes, Proposed Contractor UNKNOWN
Address _____
Telephone _____
14. Proposed Disposal Method: UIC _____ Land application X
Off Site Disposal _____ Reuse _____ Centralized Treatment _____
Thermal Evaporation _____ Other _____
15. Attach to this application a topographic map (a duplicate of the one submitted to the Office of Oil and Gas) showing the outline of the facility, location of wells, springs, rivers and other surface water bodies, and drinking water wells known to the applicant in the area of the lease that may be impacted by any land application.

Nothing in the general permit shall be deemed in any way to create new, or enlarge existing, rights of riparian owners or others. Neither does anything in the general permit create new, or enlarge existing, obligations or duties of an operator pursuant to the requirements of W. Va. Code S22-4-1 et seq. The issuance of the general permit does not convey any property rights of any sort. Nor shall the issuance of the general permit give rise to any presumptions of law or findings of fact inuring to or for the benefit of persons other than the State of West Virginia.

60-AR, 61-AR, 62-AR
 P 532 315 704

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
 NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982 * U.S.G.P.O. 1983-403-517

Sent to	John S. Mooney
Street and No.	P.O. Box 2837
City, State and ZIP Code	Huntington, WV 25110
Postage	\$ 1.07
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	.75
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	2.52
Postmark or Date	



60, 61, 62-AR
 P 532 315 705

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
 NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982 * U.S.G.P.O. 1983-403-517

Sent to	Mr. Lou Briquadio
Street and No.	P.O. Box 717
City, State and ZIP Code	Huntington, WV 25880
Postage	\$ 1.07
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	.75
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	2.52
Postmark or Date	



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 AUG 28 1985

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

RECEIVED
NOV 10 3 8 1982
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

11/10/2023



RECEIVED
DEC 26 1985

State of West Virginia
DEPARTMENT OF ENERGY
Oil and Gas Division

Date December 17, 1985
Operator's
Well No. 60-AR
Farm New River
API No. 47 - 081 - 0704

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: 2112.3 Watershed Dunloup Creek
District: Town County Raleigh Quadrangle Beckley

COMPANY Peake Operating Company

ADDRESS Suite 423 - Charleston National Plaza

DESIGNATED AGENT Timothy K. Wilcox

ADDRESS Suite 423 - Charleston National Plaza

SURFACE OWNER New River Company

ADDRESS P. O. Box 711 - Mt. Hope, WV

MINERAL RIGHTS OWNER CSX Minerals

ADDRESS P. O. Box 2827 - Huntington, WV

OIL AND GAS INSPECTOR FOR THIS WORK Rodney

Dillon ADDRESS Sophia, WV

PERMIT ISSUED 9/18/85

DRILLING COMMENCED November 11, 1985

DRILLING COMPLETED November 17, 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"		12	2 sacks
9 5/8		416	125 sacks
8 5/8			
7		1110	170 sacks
5 1/2			
4 1/2		1347	75 sacks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Ravenc Cliff Depth 1409 feet

Depth of completed well 1378 feet Rotary X / Cable Tools _____

Water strata depth: Fresh 65' feet; Salt _____ feet

Coal seam depths: _____ Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Ravenc Cliff Pay zone depth 1204 - 1264 feet

Gas: Initial open flow 280 Mcf/d / Oil: Initial open flow _____ Bbl/d

Final open flow 987 Mcf/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 135 psig (surface measurement) after 72 hours shut in

(If applicable due to multiple completion--)

Second producing formation _____ Pay zone depth _____ feet

Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ Mcf/d Oil: Final open flow 11/10/2023

Time of open flow between initial and final tests _____ hours

Static rock pressure _____ psig (surface measurement) after _____ hours shut in

(Continue on reverse side)

FILE COPY

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

12/4 - perforated the Ravencliff with 52 holes from 1220 - 1254

12/5 - Dowell treated with 75 Q Foam - used 1000 gallons 15% acid - 15,000# 80/100 sand - 45,000# 20/50 sand - 342,000 SCFN₂ - 265 bbl's total fluid - BDP 800# - ATP 1400# - ISIP 1000# - after 15 minutes 550#

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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 & Shale	0	500	Water 65' - 4gpm
Shale	500	580	
Sand	580	710	
Shale	710	905	
Sand	905	945	gas checks:
Shale	945	1030	1228 - 46 Mcf
Sand Princeton*	1030	1058	1303 - 248 Mcf
Shale	1058	1204	
Sand Ravencliff*	1204	1264	
Avis	1264	1292	
Red Rock	1292	TD	
DTD - 1378			
LTD - 1378			

*Electric Log Tops

(Attach separate sheets as necessary)

Peake Operating Company

Well Operator

By: Thomas S. Liberator

Date: December 17, 1985

11/10/2023

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."

INSPECTOR'S PERMIT SUMMARY FORM

9-13-85

WELL TYPE gas
ELEVATION 5112'
DISTRICT Town
QUADRANGLE Buckley
COUNTY Halifax

API# 47-081-0704
OPERATOR Peake
TELEPHONE _____
FARM New River Co.
WELL # 60 AR

SURFACE OWNER New River Co. COMMENTS _____ TELEPHONE _____

TARGET FORMATION _____ DATE APPLICATION RECEIVED _____

DATE STARTED _____
LOCATION 11/85 NOTIFIED yes DRILLING COMMENCED 11/11/85

WATER DEPTHS _____, _____, _____, _____

COAL DEPTHS _____, _____, _____, _____

CASING

Ran 416 feet of 9 5/8 "pipe on 11-13 with CTS fill up

Ran 1107 feet of 7 "pipe on _____ with CTS fill up

Ran 1350 feet of 4 1/2 "pipe on 11-16 with _____ fill up

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

TD 1387 feet on 11-16-85

JUN 2 1986

PLUGGING

Type	From	To	Pipe Removed

Pit Discharge date: _____ Type _____

Field analysis ph _____ fe _____ cl _____

Well Record received _____

Date Released 5/28/86

R. Dillon
Inspector's signature

11/10/2023

API# 47 081-0704

LIST ALL VISITS FOR THIS PERMIT

Keen drilling rig # 1

	DATE	TIME	PURPOSE	COMMENTS
1	11-6		look at site after building	
2				
3	11-13		Run 416' 9 5/8 CTS	140 S.F.S.
4				
5	11-14		Rig broke down hole 550'	
6				
7	11-18		TD hole	
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: (If not assigned, leave blank. 14 digits.)	<u>47 - 081 - 0704</u>				
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	<u>103</u> Section of NGPA	_____ Category Code			
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	<u>1254</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: _____				
		_____ OCS Lease Number			
	Mo.	Day	Yr.		
(c) Name and identification number of this well: (35 letters and digits maximum.)	<u>NEW RIVER #60-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>11/12/1984</u> 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 (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	<u>3.400</u>	- - - - -	<u>0.200</u>	<u>3.60</u>
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	<u>3.599</u>	<u>0.450</u>	- - - - -	<u>4.04</u>
9.0 Person responsible for this application:	<u>Timothy K. Wilcox</u> Name				
Agency Use Only	<u>Land Manager</u> Title				
Date Received by Juris. Agency	<u>Timothy K. Wilcox</u> Signature				
<u>DEC 23 1985</u>	<u>DECEMBER 19, 1985</u> Date Application is Completed				
Date Received by FERC	<u>(304) 342-6970</u> Phone Number			_____ Phone Number	

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES, OIL AND GAS DIVISION

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

JAN 15 1986

Date: DEC. 19, 1985

37100

AGENCY USE ONLY

Applicant's Name: PEAKE OPERATING COMPANY

Address: 423 CHARLESTON NATIONAL PLAZA

CHARLESTON, WEST VIRGINIA 25301

Gas Purchaser Contract No. B-30029

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

First Purchaser: MOUNTAINEER GAS COMPANY 640

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

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

FERC Seller Code

WELL DETERMINATION FILE NUMBER

851223 - 1030 - 081 - 0704

Use Above File Number on all
Communications Relating to This Well

Designated Agent: Timothy K. Wilcox

Address: 423 Charleston National Plaza

Charleston, West Virginia 25301

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: *Timothy K. Wilcox*

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

11/10/2023

RECEIVED
DEC 23 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Date Received

Determination Date

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

Date DECEMBER 19, 1985

Operator's
Well No. NEW RIVER # 60-AR

API Well
No. 47 - 081 - 0704
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL

NGPA Section 103

DESIGNATED AGENT Timothy K. Wilcox

ADDRESS Suite 423 Charleston Nat'l Plaza
Charleston, WV 25301

WELL OPERATOR Peake Operating Co.

LOCATION: Elevation 2112.3

ADDRESS Suite 423 Charleston Nat'l Plaza
Charleston, WV 25301

Watershed DUNLOP CREEK

Dist. TOWN County RALPH Quad. BECKLEY 75

GAS PURCHASER MOUNTAINEER GAS COMPANY

Gas Purchase
Contract No. B-30029

ADDRESS 414 SUMMERS STREET

Meter Chart Code

CHARLESTON, WV 25301

Date of Contract NOVEMBER 29, 1984

* * * * *

Date surface drilling was begun: NOVEMBER 11, 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 = 135

G = Specific Gravity = .58

D = Depth to Midpoint of Perforations = 1237'

T = Average Temperature (K°) = $(t° + 460°) = 532°$

BHP = 138.5

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 February 19, 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit, in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.

Timothy K. Wilcox

STATE OF WEST VIRGINIA,
COUNTY OF KANAWHA TO WIT:

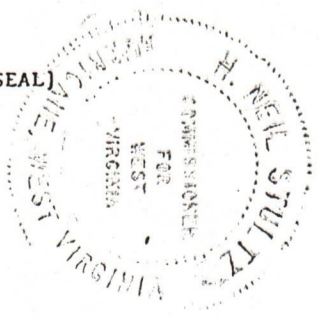
I, H. NEIL STULTZ, a Commissioner for WV ~~Notary Public~~ in and for the state and county aforesaid,

do certify that Timothy K. Wilcox, whose name is signed to the writing above, bearing date the 19 day of DECEMBER, 1985, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 19 day of DECEMBER, 1985.

My term of office expires on the 15 day of SEPTEMBER, 1987.

NOTARIAL SEAL



H. Neil Stultz
~~Notary Public~~
COMMISSIONER FOR WV

11/10/2023

**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 - 0704</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>1254</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 #60-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>11/29/84</u> 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: (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: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	<u>6.112</u>	<u>0.764</u>	<u>-----</u>	<u>6.876</u>
9.0 Person responsible for this application:	<u>Timothy K. Wilcox</u> Name			<u>Land Manager</u> Title	
Agency Use Only					
Date Received by Juris. Agency	<u>DEC 23 1985</u>				
Date Received by FERC	<u>DECEMBER 19, 1985</u>				
	<u>Timothy K. Wilcox</u> Signature			<u>(304) 342-6970</u> Phone Number	
	<u>DECEMBER 19, 1985</u> Date Application is Completed				

DEPARTMENT OF MINES, OIL AND GAS DIVISION

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

JAN 15 1986

Date: DEC. 19, 1985

37100

TF AGENCY USE ONLY

Applicant's Name: PEAKE OPERATING COMPANY

Address: 423 CHARLESTON NATIONAL PLAZA

CHARLESTON, WEST VIRGINIA 25301

Purchaser Contract No. B-30029

Date of Contract NOVEMBER 29, 1985
(Month, day and year)

First Purchaser: MOUNTAINEER GAS COMPANY

Address: 414 SUMMERS STREET

(Street or P.O. Box)
CHARLESTON WV 25301
(City) (State) (Zip Code)

FERC Seller Code

WELL DETERMINATION FILE NUMBER
851223 - 1076 081 - 0704
Use Above File Number on all
Communications Relating to This Well

Designated Agent: Timothy K. Wilcox

Address: 423 Charleston National Plaza

Charleston, West Virginia 25301

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: Timothy K. Wilcox

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

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- 103 New Onshore Production Well

- 107 High Cost Natural Gas
- 107-0 Deep (more than 15,000 feet)
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- 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
11/10/2023

RECEIVED
DEC 23 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Date Received

Determination Date

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

Date DECEMBER 19, 1985
Operator's Well No. NEW RIVER #60-NR
API Well No. 47 - 081 - 0704
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

WELL OPERATOR Peake Operating Co.

LOCATION: Elevation 2112.3

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

Dist. TOWN County RANEIGH Quad. BECKLEY

GAS PURCHASER MOUNTAINEER GAS COMPANY

Gas Purchase Contract No. B-30029

ADDRESS 414 SUMMERS STREET
CHARLESTON, WV 25301

Meter Chart Code
Date of Contract NOVEMBER 29, 1984

* * * * *

Date surface drilling began: NOVEMBER 11, 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 = 135

G = Specific Gravity = .58

D = Depth to Midpoint of Perforations = 1237

T = Average Temperature (K°) = 532°

BHP = 138.5

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:

COMMISSIONER FOR WV

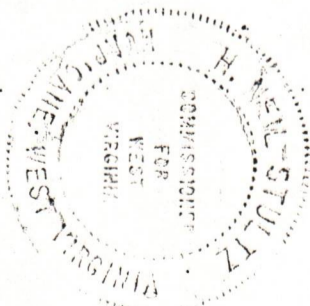
I, H. NEIL STULTZ, a Notary Public in and for the state and county aforesaid, do certify that TIMOTHY K. WILCOX, whose name is signed to the writing above, bearing date the 19 day of DECEMBER, 1985, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 19 day of DECEMBER, 1985.

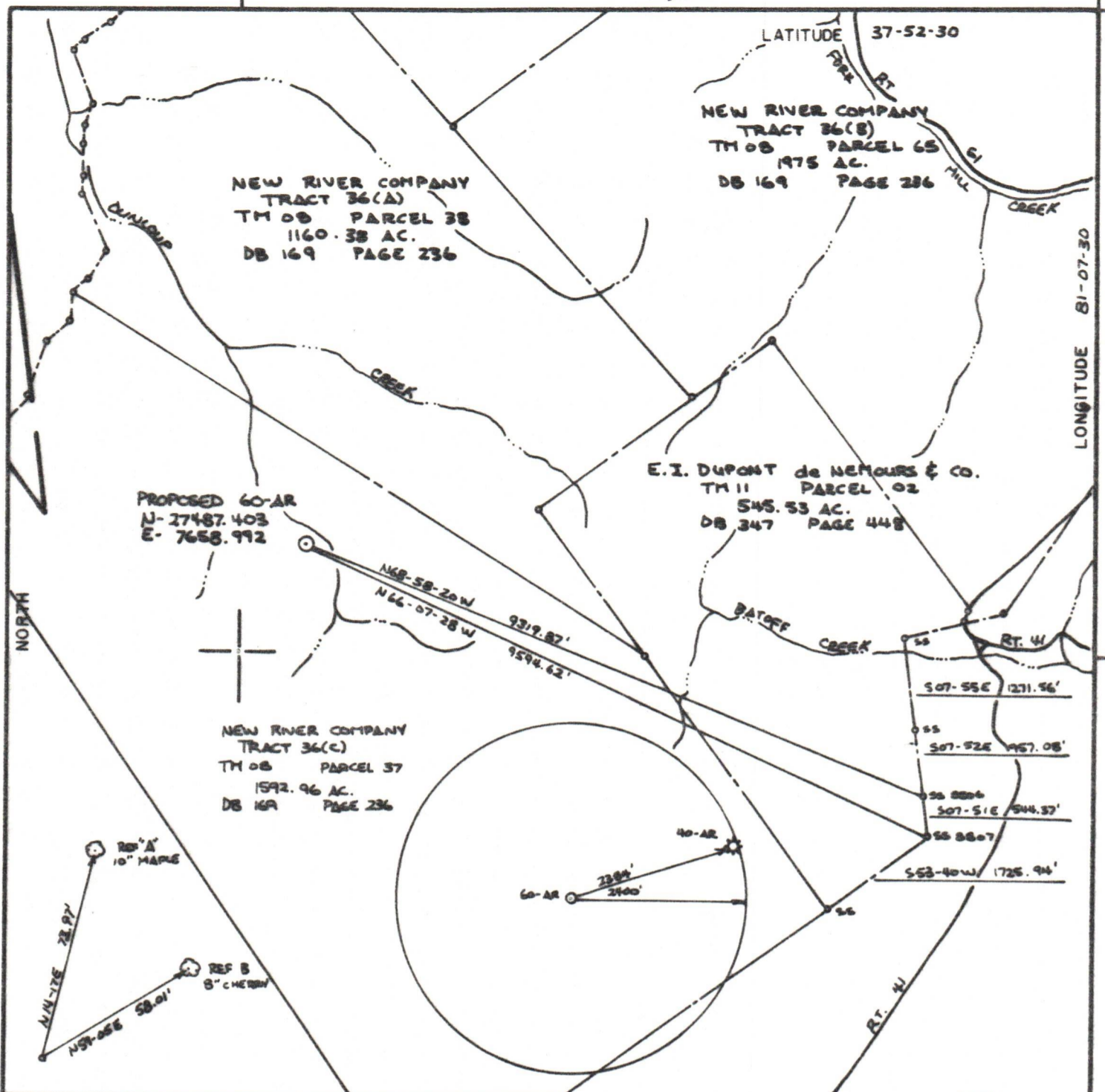
My term of office expires on the 15 day of SEPTEMBER, 1987.

H. Neil Stultz
Notary Public
COMMISSIONER FOR WV

[NOTARIAL SEAL]

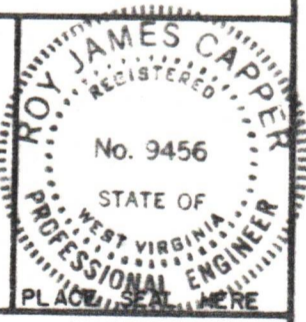


11/10/2023



FILE NO. 25046
 DRAWING NO. _____
 SCALE 1"=2000'
 MINIMUM DEGREE OF ACCURACY 1 IN 5000
 PROVEN SOURCE OF ELEVATION HIGH POINT 3300'
EAST OF LOCATION (2588')

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. RE. 9456 L.L.S. _____



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 (8-78)



DATE 14 AUGUST, 19 85
 OPERATOR'S WELL NO. 60-AR
 API WELL NO. _____
47 - 081 - 0704
 STATE COUNTY PERMIT

Department of Mines
 Oil & Gas Division

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS", PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 2112.3' WATER SHED DUNLOUP CREEK
 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 11/10/2023
 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 BAVINGCLIFF ESTIMATED DEPTH 1409
 WELL OPERATOR PEAKE OPERATING COMPANY DESIGNATED AGENT TIMOTHY K. WILCOX
 ADDRESS 423 CNB PLAZA ADDRESS 423 CHARLESTON NATIONAL PLAZA
CHARLESTON, WEST VIRGINIA 25301 CHARLESTON, WEST VIRGINIA 25301