

1)	Date:	April 25,	, 19 85
2)	Operator's		

l) Operator's
Well No.

1633

1457 County Permit

10/20/2023 File

3) API Well No. 47 -005-1457 State County

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

District:   Crook   County:   Boone   Quadrangle:   Lorado   4-7	5) LOCATI		evation: _		Crook		Watershed:	Pond For	K	/ Shallow _X/)
Address C/O Paul W. Garrett, P.O. Box 15746 Pittsburgh, PA 15244 Pittsburgh, PA 15244  8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Jerry halcomb Address Rural Rt. #1, Box 28 Hamlin, WV 25523  10) PROPOSED WELL WORK: Drill X / Drill Plug off old formation Other physical change in well (specify)  11) GEOLOGICAL TARGET FORMATION, 12) Estimated depth of completed well, 13) Approximate trata depths: Fresh, 555, 1408 feet; salt, feet. 14) Approximate coal seam depths: 424, 776, 938 Is coal being mined in the area? Yes / No - 15) CASING AND TUBING PROGRAM CASING OR TUBING	6) WELLO	PERATOR	CNG I	evelo	pment	Comr	County:			
Pittsburgh, PA 15244  8) OIL & GAS INSPECTOR TO BE NOTIFIED Name	Addre	c/o F	aul W.	Garr	ett.	P.O.	Box 15746			
Soll & GAS INSPECTOR TO BE NOTIFIED Name	Addre	33	Pitts	burgh	. PA	1524	4 .0110	Address Rt 2		
Name	8) OII & G	AS INSPEC					101			ageport, wv 20330
Address Rural Rt. #1, Box 28 Hamlin, WV 25523    Ramlin, WV 25523   Redrill   Stimulate   X										Drilling Company
Hamlin, WV 25523  Buckhannon, WV 26201  10) PROPOSED WELL WORK: Drill x / Drill / Plug off old formation Other physical change in well (specify)  11) GEOLOGICAL TARGET FORMATION, The standard depth of completed well, 12) Estimated depth of completed well, 13 Approximate trata depths: Fresh, 555, 1408 feet; 14) Approximate coal seam depths: 424, 776, 938 social being mined in the area? Yes / No - 15) CASING AND TUBING PROGRAM  CASING OR TUBING PROGRAM  CASING OR SPECIFICATIONS Weight For drilling Left in well (Cubic feet) (Cubic feet						ox 28				
10) PROPOSED WELL WORK: Drill X Drill deeper Redrill Stimulate X Plug off old formation Other physical change in well (specify)  11) GEOLOGICAL TARGET FORMATION. TOTAL PROPOSED WELL WORK: Physical change in well (specify)  12) Estimated depth of completed well, 4108 feet salt, feet.  13) Approximate trata depths: Fresh, 555, 1408 feet; salt, feet.  14) Approximate coal seam depths: 424, 776, 938 Is coal being mined in the area? Yes No Total Street Size Grade Perf. New Used For drilling Left in well OR SACKS (Cubic feet)  Conductor Size Grade Perf. New Used For drilling Left in well Size Street Size Intermediate 8-5/8 K-55 24 x 2299 - 2200 To Surface By Rule 15.05  Coal Author Size Size Size Sizes Si								Address		
Plug off old formation	10) PROPOS	ED WELL			100000		1 1			
Other physical change in well (specify)  12) Estimated depth of completed well, 4108 feet 13) Approximate trata depths: Fresh, 555, 1408 feet; salt, feet. 14) Approximate coal seam depths: 424, 776, 938 Is coal being mined in the area? Yes No —  15) CASING AND TUBING PROGRAM  CASING OR TUBING TYPE Size Grade per ft. New Used For drilling Left in well Conductor  Conductor  Conductor  Conductor  16	10) 1 ROI 03	ED WELL	WORK:					/ Redrill	/ Stimulate	<u>X</u> _/
11) GEOLOGICAL TARGET FORMATION, 12) Estimated depth of completed well, 13) Approximate trata depths: Fresh, 555, 1408 feet; 14) Approximate coal seam depths: 424, 776, 938 Is coal being mined in the area? Yes No 15) CASING AND TUBING PROGRAM  CASING OR TUBING TYPE Size Grade per ft. New Used For drilling Left in well Combined in the area? Yes No 15) CASING OR TUBING TYPE Size Grade per ft. New Used For drilling Left in well Could Kinds  Fresh water 16 40 40 To Surface By Rule 15.05  Coal Sizes Intermediate 8-5/8 K-55 24 X 2200 To Surface By Rule 15.05  Production 4-1/2 J-55 10.5 X 4108 4108 200-400 Depths set By Rule 15.01  Liners MAY - 2 1085 Top Bottom  OFFICE USE ONLY  DRILLING PERMIT								rate new formatio	n/	
12  Estimated depth of completed well,   4108   feet	11) GEOLOG	ICAL TAR	GET FOR							
13)   Approximate trata depths:   Fresh,   555,   1408   feet;   salt,   feet.     14)   Approximate coal seam depths:   424,   776,   938   Is coal being mined in the area?   Yes   No   -     15)   CASING AND TUBING PROGRAM    CASING OR TUBING TYPE   Size   Grade   per fit.   New   Used   For drilling   Left in well   Clubic feet)       Conductor					The second second		Barrier Land	The second second		
14)   Approximate coal seam depths:   424, 776, 938   Is coal being mined in the area?   Yes							0			
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Production 4-1/2 J-55 10.5 x 4108 200-400 Depths set  Tubing 1-1/2 CN-55 2.75 x By Rule 15.01  Perforations:  OIL & GAS DIVISION  OFFICE USE ONLY  DRILLING PERMIT		8-5/8	K-55	24	v		2200			
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OIL & GAS DIVISION  DEPT. DE MINIC  OFFICE USE ONLY  DRILLING PERMIT	40				\$	6.66	DAAN OA	OOF		Perforations:
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OFFICE USE ONLY  DRILLING PERMIT  47-005-1457										
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Pormit number 47-005-1457		W <sub>O</sub>			CF SIVA					Elevisor nertical en
Permit number 47-005-1457 May 21 1985							DRILLING PE	RMIT		
	Permit number_	47-	005-14	.57					May 21	1985
Date									Date	
	urements subject to t	ect to the co	nditions c	ontained l	herein ai	nd on the	e reverse hereof No	tification must be g	iven to the District Oil	and Gas Inspector. (Refer to
quirements subject to the conditions contained herein and on the reverse hereof Notification must be given to the District Oil and Gas Inspector, (Refer									ell operator or his cont	ractor shall notify the proper
No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the construction of roads, locations and pits for any permitted work. In addition, the construction of roads, locations and pits for any permitted work. In addition, the construction of roads, locations and pits for any permitted work.					The pos	initiou ii	ork has commenced	1.)		
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 propriet oil and gas inspector 24 hours before actual permitted work has commenced.)	everse hereof.	ork is as de	scribed in	the Notice	e and Ap	oplicatio	n, plat, and reclama	ation plan, subject t	o any modifications an	d conditions specified on the
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 propriet oil and gas inspector 24 hours before actual permitted work has commenced.)										
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 prop listrict 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 Notice and Application and reclamation plan, subject to any modifications and conditions specified on the Notice and Application and reclamation plan, subject to any modifications and conditions specified on the Notice and Application and reclamation plan, subject to any modifications and conditions specified on the Notice and Application and reclamation plan, subject to any modifications and conditions specified on the Notice and Application and reclamation plan, subject to any modifications and conditions specified on the Notice and Application and reclamation plan, subject to any modifications and conditions are clamatically applications.							unless well	work is commenced	prior to that date and p	prosecuted with due diligence.
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 properties of the permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the everse hereof.					400 2000 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 listrict 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 everse hereof.  Permit expires  May 21, 1987  unless well work is commenced prior to that date and prosecuted with due diligence.	Dand	Agent	P	lat:	Casino		Fee			CLASS A TEMP NOTES
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 district oil and gas inspector 24 hours before actual 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 21, 1987  unless well work is commenced prior to that date and prosecuted with due diligence.  Bond:  Agent: Plat: Casing Fee	Bond:	Agent			Cusing					
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See the reverse side of the APPLICANT'S COPY for instructions to the well operator.



#### OFFICE USE ONLY

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

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Application received  Well work started  Completion of the drill  process  Well Record received  Reclamation completed	ing means in the property of the sales of th	Date  Date	Follow ""	and any	etion(s)  " " " " " " " " " " " " " " " " " "	possible and possi	Date(	min number comes and comes and colored and
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IV-9 (Rev 8-81)



2/11/85 WELL NO. C. N.G. # 1633 API NO. 47 - 005 - 145

### State of Mest Mirgi

Bepartment of Mines Gil und Gas Bivision

CONSTRUCTION AND REX	IAMATION PLAN
	Gary A. Nicholas
COMPANY NAME C.N.G. Development Company  1 Park Ridge Center	DESIGNATED AGENT Crosswind Corporate Park Route 2, Box 698
Address Pittsburgh, PA 15244	Address Bridgeport, WV 26330
Telephone 412/429-2390	Telephone 304/623-8134
LANDOWNER Charleston National Bank	SOIL CONS. DISTRICT Guyan
Revegetation to be carried out by	Gary A. Nicholas (Agent)
This plan has been reviewed by Gu	yan SCD. All corrections
and additions become a part of this plan:	2-18-85
	(Date)
- A	Leswor Slove
	(SCD Agent)
ACCESS ROAD	LOCATION
Structure Drainage Ditch (A)	Structure Diversion Ditch (1)
Spacing Along Access Road	Material Earthen
Page Ref. Manual	Page Ref. Manual 2:12 to 2:13
Structure Culvert (B)	Structure (2)
Spacing 12"Min42"Max. I.D. as shown on sket	
Page Ref. Manual 2:7 to 2:11	Page Ref. Manual 3:6 to 3:7
Structure Cross Drains (C)	Structure Sediment Barrier (3)
Spacing As shown on sketch	V-+
	may bares & Brush From Site
	Page Ref. Marual 2.16 & 2.18
All structures should be inspected regularl commercial timber is to be cut and stacked as cut and removed from the site before dirt wor	all prush and small timber to be
REVECETATI	MAY - 2 1985
NEVIAETALI	
Treatment Area I	Treatment Area II
Lime 3.0 Tons/acre	Lime 3.0 Tons/acre
or correct to pH 6.5  Fertilizer 600 lbs/acre	or correct to pH 6.5
Fertilizer 600 lbs/acre (10-20-20 or equivalent)	Fertilizer 600 lbs/acre (10-20-20 or equivalent)
Mulch Hay or Straw 2.0 Tons/acre	W C1
Seed* Ky. 31 Tall Fescue 45 lbs/acre	2.0 Idis/acre
Birdsfoot Trefoil 10 lbs/acre	
Rye Grass 10 lbs/acre	and full t
	and dank
*Inoculate all legumes such as vetch, trefoil Inoculate with 3% recommended amount.	and clovers with the proper bacterium.
la 1801 000 18 vising branch griderous of home	Shortey Shortey
NOTES: Please remote landerming.	Shockey Surveyingu/2023
occepation to protect new	401 Peoples Building
sections for one growing season.	Charleston, WV 25301
necessary for comments.	HONE NO. 304-345-6631
The restaura of 1700 design and one of the	The first control of the control of

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.

QUADRANGIE LORADO (7.5')

LEGEND

Well Site

Access Road

Form IV-2 (A) Reverse

#### INSTRUCTIONS TO APPLICANT

#### 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 cwner(s) of record to be served with Notice and Application. However, see also Code § 22-4-lb(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-lk 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-lk(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 § 22-4-8a 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-lm, 22-4-2, 22-4-2a, and 22-4-2b.

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

Under the cath 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—

- 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
Charleston National Bank	Quaker State Oil Refining Corp.	1/8	20 114
1/12/72 Assigned to	Consolidated Gas Supply Corp.	1/8	10/20/2023
1/84 Assigned to	Consolidated Gas Transmission Corp.	1/8	

#### COAL OWNER'S COPY



1)	Date:			, 19
2)	Operator's Well No	16	33	
3)	API Well No.	47	005	-1457
		State	County	Permit

Coal Owner

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

4)	WELL TY	PE: A O	f "Gas",	/ Ga	is X	/	Underground	storage Pond Fork	_/ Deep	_/ Shallow _X _/)
5)	LOCATIO	N: Ele	evation: _				Watershed: _	Pond Fork		
		Dis	strict:		rook	The second secon	County:	Boone	Quadrangle:	Lorado
6)	WELL OP	ERATOR				P.O. Box		7) DESIGNATED	ACICIVI	Nicholas Carre
	Address	C)O L		burgh,		15244	73/40	Address	Roy 608 Red	Corporate Park dgeport, WV 26330
		•	LACES	ourgin,	1.22	7 2 2 44 44		. Also 69	box 090, bll	agepore, wy 20000
8)	OIL & GAS	S INSPEC	Jerry	halco	mb	30	_	9) DRILLING COI	NTRACTOR: Sam Jack	Drilling Company
	Address			Rt. #				Address	P.U. BOX	48
			namil	n, WV	200	123			Bucknanno	n, WV 26201
10)	PROPOSE	D WELL Y	WORK:			_/ Drill formation		/ Redrill rate new formation	/ Sumulate	<u>x</u>
	CECL CCL			-	1	change in we	ell (specify)			
	GEOLOGI					4108				
	12) Estima				555	, 1408	feet			
	13) Approx			11 7 11		6, 938	feet; sal		feet.	-
	14) Approx			uis.				oal being mined in the a	rea? Yes	/ No/
	CASING A	II TOBI								
	SING OR BING TYPE		SPEC	Weight			FOOTAGE	INTERVALS	OR SACKS	PACKERS
		Size	Grade	per ft.	New	Used	For drilling	Left in well	(Cubic feet)	
	luctor	16					40	40	To Surface	By Rule 15.05
	water	10					40	40	to purince	Dy Male 15.05
Coal		8-5/8	K-55	24	2:		2200	2200	To Surface	By Rule 15.05
	mediate	4-1/2		10.5	X		4108	4108	200-400	
	uction	1-1/2			7		4100	7,500	200-400	By Rule 15.01
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				INS	TRUC	TIONS TO C	COAL OPERA	TOR, OWNER, OR L	ESSEE	
		The	named coa	loperator	coal	wner(s) and	coal lasses are	hereby notified that ar	Gi	to make as
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			aujo or ti	ile iiiiig e						
							WAIVER			
Т	he undersign	ed coal ope	erator	×		_/ owner _		/lessee×	/ of the co	oal under this well location has
exar	mined this pr	roposed we	Il location	. If a mine	map e	xists which co	overs the area of	f the well location, the	well location has bee	n added to the mine map. The
und	ersigned has	no objecti	on to the	work prop	osed to	be done at th	nis location, pro	vided, the well operate	or has complied with	all applicable requirements of
the	West Virgini	ia Code an	d the gove	erning regu	ilations	•				
								Easter	August	ed Gal Corp
									1155000	a court large
Date	e:	Apr o	26		9 8			By Muha	el al Flet	7 4
Dal	·	1		, '				D)	/	
								Its Manage	r at Prop	10/20/2023
									, , , ,	10/20/2023



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

1.	Company Name C.N.G. Development Company
2.	Mailing Address Rt. 2, Box 698 Bridgeport WV 26330 street city state zip
3.	street city state zip Telephone (304)623-8840 4.Well Name C.N.G.D. #1633
5.	Latitude37 <sup>0</sup> 50'40" Longitude81 <sup>0</sup> 38'17"
6.	NPDES # WV0073343 7. Dept. Oil & Gas Permit NO. 47-005-1457
8.	County Boone 9. Nearest Town Rocklick
10.	Nearest Stream Pond Fork 11. Tributary of Coal River
12.	. Will Discharge be Contracted Out? yes X no
13.	. If Yes, Proposed Contractor Kolb Technical Services, Inc.
	Address P. O. Box 3855, Charleston, WV 25338
	Telephone (304)744-9555
14.	Proposed Disposal Method: UIC Land application X
	Off Site Disposal Reuse X Centralized Treatment
	Thermal Evaporation X 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.

By completing and submitting this application, I have reviewed, understand, and agree to the terms and conditions of the general permit issued on July 10,1985. I understand that provisions of the permit are enforceable by law. Violations of any term and condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

COMPANY OFFICAL SIGNATURE

Har A Ylukolar

DATE 7-22-85

Please attached \$50.00 permit application fee required by Series III, Section 7, of the West Virginia Administrative regulations of the State Water Resources Board.

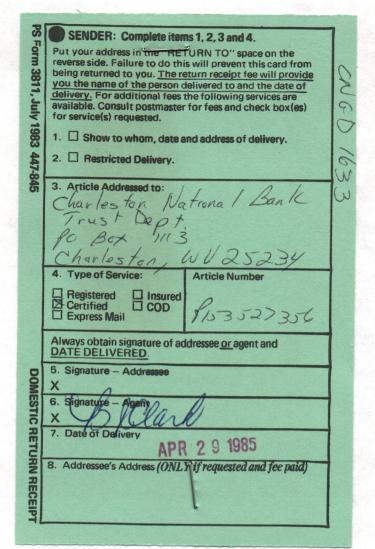
All spills or accidental discharges are required to be reported immediately to the Emergency Response Spill Alert System toll free telephone number 1-800-642-3074.

#### LANDOWNER ADMINISTRATIVE REVIEW RIGHTS

The conditions in the general NPDES permit for pit waste treatment and discharge have been developed so that they are applicable to general conditions found throughout the state. There may be particular sets of circumstances at specific sites that require modification of established procedures. You as a land owner, if you feel the site on your property requires such consideration for water quality/general permit compliance related matters, may request an administrative review of that site. If there are valid water quality concerns, the Division of Water Resources will address them by either not allowing the pit construction and subsquent discharge, or by altering the standard operating procedures to deal with the particular unique nature of this site. Such requests should be forwarded in writing to:

Chief, Division of Water Resources Department of Natural Resources 1201 Greenbrier St. Charleston, West Virginia 25311.

To ensure prompt review of your site it is suggested that you also call the Field Operations Branch (348-2745) and verbally make the request.



PS Form 3811, July 1983 447-845	Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.  1. Show to whom, date and address of delivery.
8 447-	2. Restricted Delivery.
845	3. Article Addressed to:  Mr Michael D Eddy JR  Eastern Associated Coal Corp.  One PPG Place  Pitts burgh, PA 15222
	4. Type of Service: Article Number
	Registered Cortified COD
	Always obtain signature of addressee or agent and DATE DELIVERED.
DOM	5. Signature – Addressee X
ESTIC	6. Signature Agent X
RETU	7. Date of Delivery
DOMESTIC RETURN RECEIP	8. Addressee's Address (ONLY if requested and fee paid)





### State of Mest Nirginia

Bepartment of Mines Bil und Gas Bivision

Date	At	igust	12,	19	83
Opera	ator's				
Well	No	CNGD	WN	163	33
Farm	Char1	eston	Nat	'1	Bank
APT N	VO. 47	- 001	-	_	1457

11 SEP 85

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

LOCATION: Elevation: 2062 Watershed	Pond Fork			
District: Crook County Bo	oone	Quadrangle	Lorado	
COMPANY CNG Development Company			1	I a
ADDRESS Pittsburgh, PA 15244  DESIGNATED AGENT Gary A. Nicholas	Casing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
ADDRESS Rt 2 Box 698 Bridgeport, WV 26330	Size	01111111	2. 11022	
SURFACE CWNER Charleston Nat'l Bank Trust Department, P. O. Box 1113	20-16 Cond.	20	20	To surf.
ADDRESS Trust Department, P. O. Box 1113 Charleston, West Virginia 25234	13-10"	957	957	To surf.
MINERAL RIGHTS OWNER Charleston Nat'l Bank Trust Department, P. O. Box 1113	9 5/8			
ADDRESS Trust Department, P. O. Box 1113 Charleston, West Virginia 25234	8 5/8	2210	2210	To surf.
OIL AND GAS INSPECTOR FOR THIS WORK	7			la direction
rry Halcomb ADDRESS Rural Rt WV 255238	5 1/2			
PERMIT ISSUED May 21, 1985	4 1/2	4090	4090	200 sks
DRILLING COMMENCED July 4, 1985	3	,		
DRILLING COMPLETED July 17, 1985	2	,		
ONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON	Liners used			
GEOLOGICAL TARGET FORMATION Weir		Dep	oth 410	8 fee
	Rotary :		e Tools_	
Water strata depth: Fresh Damp feet	; Salt	feet	:	
Water strata depth: Fresh 1536 feet  Coal seam depths: 67 - 68 878 - 1351 - 464 - 472  707 - 708	882 1353 Is coal	being mir	ned in th	e area? No
OPEN FLOW DATA 845 - 850				
Producing formation Weir	Poil. Tr	nitial oper	1 flow	Bbl
Gas: Initial open flow Mcf/d	orr: I	inal open	flow	Rbl
Final open flow 920 MCI/O	i in and	final test	s / h	ours
Time of open flow between in	free magnir	oment) aft	er 14 ho	ours shut
Static rock pressure 400 psig(sur		alenc, are		, (22)
(If applicable due to multiple complet	ton)	av zone de	oth	fe
Second producing formation Mcf/	oil. T	nitial ope	$\frac{10/2}{\text{n flow}}$	0/2023 <sub>Bb1</sub>
Cag. Initial Open Llow	~ O==-			
	d OII: L	TIME OFFI		
Final open flow Mcf/ Time of open flow between i		final tost	5	hours

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

McCullough Perforated Weir 3792 - 3800; 12 holes; 3-1/8 Alpha Jets

Dowell Frac Weir with 15% HCL, Broke @ 1350#, used 70,000# of 20/40 Sand, 10 gal L-53, 20 gal U-42, 60 gal F-81,  $N_2$  - 403,000 SCF, 24 gal F-75, 36 gal F-78, Avg. PSI 1350, Max Pres. 1450#, ISIP 700#, 15 min SIP 650#, Blowing thru 1/4" choke; Cleaning

#### WELL LOG

	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fres and salt water, coal, oil and ga
Sub Base	0	8	the second secon
Surface & Dirt	8		Hole Damp @ 1536'
Sand	11	11	
Coal	67	67	Coal Seams 67 - 68
Sand	68	68	207 - 210
Coal	207	207	464 - 472
Sand & Shale	210	210	707 - 708
Coal	464	464	845 - 850
Sand & Shale		472	878 - 882
Coal	472	7077	1351 - 1353
Sand & Shale	707	708	
Coal	708	845	
Sand & Shale	845	850	
Coal	850	878	
Sand & Shale	878	882	
Coal	882	1351	
Sand & Shale & RR	1351	1353	
Maxton Sand	1353	2714	
Sand & Shale	2714	2738	
Maxton Sand	2738	2787	
Sand & Shale	2787	2890	
Maxton Sand	2890	2935	
Sand & Shale	2935	.2975	
ower Maxton	2975	3000	
Sand & Shale	3000	3094	
vittle Lime	3094	3107	
	3107	3179	
and & Shale	3179	3200	
ig Lime	3200	3519	
njun	3519	3529	
and & Shale	3529	3784	
eir	3784	3798	
and & Shale	3798	4004	
erea	4004	4038	
and & Shale	4038	4146	
LOG TOPS			

(4+4--1

(Attach separate sheets as necessary)

Ey: August 12, 1985

CNG DEVELOPMENT COMPANY

Well Operator

10/20/2023

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 count, encountered in the drilling of a well."

CNGD Well No. 1633 Charleston National Bank Boone County, WV API No. 47-005-1457

#### LOG TOPS

FORMATION	TOP FEET	BOTTOM FEET
Avis Lime	2565	2600
U. Maxton	2715	2740
Maxton	2776	2891
L. Maxton	3004	3094
Little Lime	3108	3183
Big Lime	3196	3516
Weir	3788	3802
Berea	4007	4013

#### STATE OF WEST VIRGINIA

### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



#### INSPECTOR'S WELL REPORT

OIL & GAS DIVISION DEPT911 OF MINES

CASING AND USED IN LEFT IN PACKERS Size Kind of Packer\_ Size of\_\_\_ 81/4-Depth set\_\_ 65% Drilling commenced\_ 5 3/16\_ Drilling completed\_\_\_\_\_ Total depth Perf. top\_\_\_ Date shot\_ Depth of shot Perf. bottom\_ Liners Used. Perf. top\_ Initial open flow\_\_\_ \_\_/10ths Water in\_\_ Perf. bottom\_ Open flow after tubing\_\_\_\_\_/10ths Merc. in\_\_\_\_ CASING CEMENTED // 34 SIZE 957No. FT. 7-10 Date Volume\_ Cu. Ft. NAME OF SERVICE COMPANY bWELL lbs. hrs. Rock pressure. Oil \_bbls., 1st 24 hrs. COAL WAS ENCOUNTERED AT. FEET INCHES Fresh water\_ fout feet FEET INCHES FEET INCHES Salt water. feet FEET INCHES FEET INCHES RESOURCES RIGHT Remarks: PEMENT W/ 500SK NEAT 1445K ON BOTTON 356 FROM SURFACE LOST CIR. BETWEEN 8304930

#### STATE OF WEST VIRGINIA

#### **DEPARTMENT OF MINES**

#### OIL AND GAS WELLS DIVISION

### INSPECTOR'S PLUGGING REPORT

			ADDRESS				
RM		DISTRICT		C(	OUNTY	State of the state	FIG. of the State of States
ling Material Used				2000	+4A/ +3		4
ner I o	cation	Amou	ınt	Packer	Loc	cation	
ner Location  PLUGS USED AND DEPTH PLACED		BRIDO			CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTIO	N-LOCATION	RECOVERED	SIZE	LOST
				C			
				18.00 1 10.00		7(44)	
		100 - 100 -					
- 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				nyget is	12		mes 3 m
2186.700 7.09					0 230 962		The state of
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THE STATE OF THE S	1 12 13	-					
	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		A D.W. P. A. C. F. B. B. D. C.				DATE:
	SWEENLY /	M SERVICE P			adL	and the second	postant st
	- A 48383			7 P. 1 (18) 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
illers' Names		1770	1 100		SH43		Satura Ass
	A STATE OF THE STA	and the second s		e a compression de la compress			MARKET TO A PROPERTY OF THE PARTY OF THE PAR
emarks:							
	54 - 2507						
4358 10							
	I hereby certify I vi	isited the above	well on this date.				

#### INSPECTOR'S PERMIT SUMMARY FORM

(5-21-85)

WELL TYPE_	GAS							
	1633							
	CROOK	TE	TELEPHONE					
	LORADO		FARM SOUTHERN LAND					
	BOONE			33				
SURFACE OWN	NER	COMMEN	TS	TELEP	HONE			
TARGET FORMATION		DATE A	PPLICATION	RECEIVED				
DATE STARTE LOCATION	ED	NOTIFIED	D	RILLING COM	MENCED 7-17-85			
WATER DEDTE	AS.							
		· · · · · · · · · · · · · · · · · · ·						
OOVE DELIU	,	,	, _					
		CASI	NG		CORF			
Ran 9.5	7 feet of	// "pipe	on 7-19	7-8 With 70	SURFACE 500S			
Ran	feet of	''pipe	on	with	fill up			
		''pipe						
		''pipe						
TD	feet on							
		PLUGG	ING					
Туре	9	From	То	P	ipe Removed			
		Type						
		ph	fe	c1				
Well Record	d received							
	FILLS							
Date Releas	sed_5-14-8	6		, /				
					//			

Inspector's signature

API#	47	_

#### LIST ALL VISITS FOR THIS PERMIT

DATE	TIME	PURPOSE	COMMENTS
			The Date of the Control of the Contr
			병 전문 보다 경험 등에 가다리하는 그의
4.4			
		1.34	
		4 444	

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.)	-1	47 - 005 - 0145	7	-
2.0 Type of determination being sought:			D   m2	18/18/200
(Use the codes found on the front		103	IAR LL	1 100 180
of this form.)	i	Section of NGPA	Category Code	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3.0 Depth of the deepest completion		Section of 143FA	Caregory Code	10 10 000
location: (Only needed if sections 103	i			10 10 10:20 SE
or 107 in 2.0 above.)	1	3,80	O feet Dil	
			DEPART	IN OF UIL COM
4.0 Name, address and code number of	!		- 01/11/	MENT OF ENERGY
epplicent: (35 letters per line		lopment Company		
meximum. If code number not	Name One Park	Ridge Center		Seller Code
available, leave blank.)	P. O. Bo	× 15746		
	Street			
	Pittsbur	gh	PA 15244	
	City		State Zip Co	ode
5.0 Location of this well: [Complete (a)	1			
or (b).]	Crook Distr	rict		
(a) For anshore wells	Field Name			
(35 letters meximum for field	Boone		1.777	
name.)	County		WV	
(b) For OCS wells:	T County		State	
(B) FOI OCS WEIS.	i			
	i <del></del>			
	Area Name		Block Nu	mber
	1			
	1	Date of Lease:		
	1 1			
	t	Mo. Day Yr.	OCS Lease Number	•
(c) Name and identification number	1			
of this well: (35 letters and digits	! Charlestor	Nat'l Bank	CNGD #	1633
meximum.)		THE TOTAL	ONGD #	1033
(d) If code 4 or 5 in 2.0 above, name				
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters	1			
The second secon				
of the reservoir: (35 letters meximum.)				
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STATE OF WEST VIRGINIA

16/04-32

AUG 3 0 1985

DEPARTMENT OF MINES, OIL AND GAS DIVISION

### COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: August 14,19 85 10110	AGENCY USE ONLY
Applicant's Name: CNG Development Company	WELL DETERMINATION FILE NUMBER
Address: One Park Ridge Center P.O. Box 15746	
Pittsburgh, PA 15244 - Attn: Carl G. Mourovic	850816 -1030-005-1457
Gas Purchaser Contract No. N/A	Use Above File Number on all Communications Relating to This Wel
Date of Contract N/A (Month, day and year)	
First Purchaser: undetermined 9 629	Designated Agent: Gary A. Nicholas  CNG Development Company
Address:	Address: Crosswind Corporate Park Route 2 Box 698
(Street or P.O. Box)	Bridgeport, WV 26330
(City) (State) (Zip Code) FERC Seller Code	FERC Buyer Code
NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERNIBE ADDRESSED:	ING THIS APPLICATION SHALL
Name: Robert N. Metzler (Print)	Manager of Reserves
Signature:	(Title)
Address:  One Park Ridge Center - P.O. Box  (Street or P.O. Box)  Pittsburgh, PA 15244  (City) (State)  (Area Code) (Phone No. 15244)  (Certificate of Proof of Service to Purcha	(Zip Code)
NGPA Catagory App	
NGPA SECTION/SUBSECTION	ried For
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 Build
103 New Onshore Production Well  XX 103 New Onshore Production Well	roo-o remporary rressure Bullo
107 High Cost Natural Gas	AGENCY USE ONLY
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	
PIECE WEIGHT	QUALIFIED (2023)
AUG 1 6 1935	
DIVISION OF UIL & GAS DEPARTMENT OF ENERGY	

Date Received

Determination Date

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

Date	A	ugust	14.	, 1985
Operator				
Well No.	_	CNGD	#16:	33
API Well	110	•		
47		005		01457
State		County		Permit

#### WELL CLASSIFICATION FORM

### NEW ONSHORE PRODUCTION WELL NGPA Section 103

	DESIGNATED AGENT Gary A. Nicholas
	CNG Development Company
	ADDRESS Crosswind Corporate Park
	Route 2 Box 698
	Bridgeport, WV 26330
WELL OPERATORCNG Development Company	LOCATION: Elevation2.062
One Park Ridge Center  ADDRESS P.O. Box 15746	
Pittsburgh, PA 15244	Watershed Pond Fork
	District Crook County Boone Quad. Lorad
GAS PURCHASER <u>undetermined</u>	
and termined	Gas Purchase Contract No. N/A
ADDRESS	Meter Chart CodeN/A
	Date of ContractN/A
* * * * * * * * *	* * * * * * * * * * *
Date surface drilling was begun: July 4, 1985	
Indicate the bottom hole pressure of the well and explain	n how this was calculated:
BHP = 439#	
BHP = $P_1 + P_1$ (e GL 53.34 $T_1$ )	
AFF	IDAVIT
· · · · · · · · · · · · · · · · · · ·	
I Behand N. Maria	
the well for which this determination is an above the well for which this determination is	st sworn according to law, state that surface drilling of
the well to willer this determination is sought was b	Degun on or after February 19, 1977, the well satisfies
the time surface drilling began, which was applicable to	of the well is not within a proration unit in existence at the reservoir from which gas is or will be produced and
willen applied to any other well producing gas in commer	cial quantities or on which surface deillies been
dicer rebidely 13, 13//, and which was capable of produc	ing gas in commercial constitues I at a feet
there concluded, to the best of my information, knowled	doe and belief, that the well for which this determination
and that I am	not aware of any information not described in the appli-
cation which is inconsistent with this conclusion.	. 1
	. // (1) (1/1)
	W. II. Mostla
	P. N. Market
	Manager Reserves
Pennsylvania	
STATE OF MESTAWANGANAX	
COUNTY OF Allegheny , TO WIT:	
1 C1 C V	
, <u>vari G. Mourovic</u> , a Notary Publi	c in and for the state and county aforesaid, do certify
that, whose name is signed	to the writing above, bearing date the 14th day of
August , 19 85 , has acknowledged the same b	efore me, in my county aforesaid. $10/20/2023$
Given under my hand and official seal this $14t$	h day of August 19 85
My term of office expires on the 19th day of	December 1985
17011009 01	December, 1900 .

[NOTARIAL SEAL]

NOTARY PUBLICATION ACTION OF THE PROPERTY OF T

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

I O ARI well aumber.	The second name of the owner, where the owner, which is the owner, where the owner, where t					
1,0 API well number: (If not assigned, leave blank, 14 digits,)	.	47	- 005 - 014	<b>-</b> 57 <b>-</b>		
2.0 Type of determination being sought:				1	TRIBETS !	
(Use the codes found on the front			107	6	1 1 5 1 C	With the state of
of this form.)	i	Se	ection of NGPA	Category	The same of the sa	1/12/2
3.0 Depth of the deepest completion	1			अहत	1 -	
location: (Only needed if sections 103	!		3.80	00	AUG	1 6 1935
or 107 in 2.0 above.)	!				()'\	at
4.0 Name, address and code number of	1			DI	PADT	T CITY TO THE
applicant: (35 letters per line		CNG Developme	nt Company		TATIMEN	TOF ENERG
meximum. If code number not	Name					
evailable, leave blank,)	1	P. O. Box 157				Seller Code
	Street					
		Pittsburgh		PA	15244	
	City			State	Zip Cor	de
5.0 Location of this well: [Complete (a)	1			State	ZID CO	O.E.
or (b).)	i	Crook District				
(a) For anshore wells	Field !					
(35 letters meximum for field	i F	Boone		WV		
name.)	County			State		
(b) For OCS wells:	T			Siste		
	1					
	Area N	iame		V	Block Num	
					DIOCK HOIL	ibe:
* * *	1	Des	te of Lease:			
	1		I I I I			
¥ ,	1	Mo.	Day Yr.	0001	ase Number	
(c) Name and identification number	1			OCS L	ase Number	
of this well: (35 letters and digits	1 0					
ar come seem 199 letters and midits	Cha	rleston Nat'l	Rank	CNI	CD #1622	
meximum.)	Cha	rleston Nat'l	Bank	CN	GD #1633	
(d) If code 4 or 5 in 2.0 above, name	Cha	rleston Nat'l	Bank	CN	GD #1633	
meximum.)	Cha	rleston Nat'l	Bank	CN	GD #1633	
maximum.) (d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	Cha	rleston Nat'l	Bank	CN	GD #1633	
maximum.) (d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.) 0 (a) Name and code number of the	Cha	rleston Nat'l	Bank	CN	GD #1633	
maximum.) (d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)  0 (a) Name and code number of the purchaser: (35 letters and digits	Cha	rleston Nat'l	Bank	CNO	GD #1633	
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maximum.)  (d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)  .0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not aveilable, leave blank.)  (b) Date of the contract:  (c) Estimated total annual production from the well:  0 Contract price: (As of filing date. Complete to 3 decimal places.)  0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)  1 Person responsible for this application:  Agency Use Only  1 Received by Juris. Agency	JInd Name  S/MMBTU  S/MMBTU  Signature	(a) Base Price  6.048  R. N. Metzler	Mo. Dev	Yr.	Million Cubi All Other Is [Indicate or (-).]  Manager Title	(d) Total of (a), (b) and (c)
maximum.)  (d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)  (0) (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)  (b) Date of the contract:  (c) Estimated total annual production from the well:  (As of filling date. Complete to 3 decimal places.)  (As of filling date. Complete to 3 decimal places.)  (C) Person responsible for this application:  Agency Use Only  te Received by Juris. Agency	JInd Name S/MMBTU S/MMBTU	(a) Base Price  6.048  R. Ny Metzler	Mo. Dev	(c) A Price (+) c	Million Cubi	(d) Total of (a), (b) and (c)

AUG 3 0 1985

# STATE OF WEST VIRGINIA 16104-32 DEPARTMENT OF MINES, OIL AND GAS DIVISION

### COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: August 14,19 85 10110	AGENCY USE ONLY TF
- Applicant's Name: CNG Development Company	WELL DETERMINATION FILE NUMBER
One Park Ridge Center  Address: P.O. Box 15746	
Pittsburgh, PA 15244 Attn: Carl G. Mourovic	850816 -1076-005 -1457
Gas Purchaser Contract No. N/A	Use Above File Number on all Communications Relating to This Wel
Date of Contract N/A (Month, day and year)	
rirst Purchaser:	Designated Agent: Gary A. Nicholas  CNG Development Company
Addross	Address: Crosswind Corporate Park Route 2 Box 698
(Street or P.O. Box)	Bridgeport, WV 26330
(City) (State) (Zip Code) FERC Seller Code	FERC Buyer Code
NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERNI	NG THIS APPLICATION SHALL
BE ADDRESSED:  Name: Robert N. Metzle	Manager of Reserves
Signature: Print) / Mesth	(Title)
Address:  One Park Ridge Center - P.O. Box  (Street or P.O. Box)  Pittsburgh, PA 15244  (City) (State)  Telephone:  (Area Code) (Phone N	(Zip Code)
(Certificate of Proof of Service to Purcha	
NGPA Catagory App	Tied 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 Buil
103 New Onshore Production Well 103 New Onshore Production Well	
107 High Cost Natural Gas	AGENCY USE ONLY
107-0 Deep (more than 15,000 feet) 107-1 Geopressured Brine 107-2 Coal Seams 107-3 Devonian Shale	9
107-5 Production enhancement  XX 107-6 New Tight Formation 107-7 Recompletion Tight Formation	QUALIFIED
AUG 1 6 1935	10/20/2023
DIVISION OF OIL & CAS DEPARTMENT OF ENTROS	

Date Received

Determination Date

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

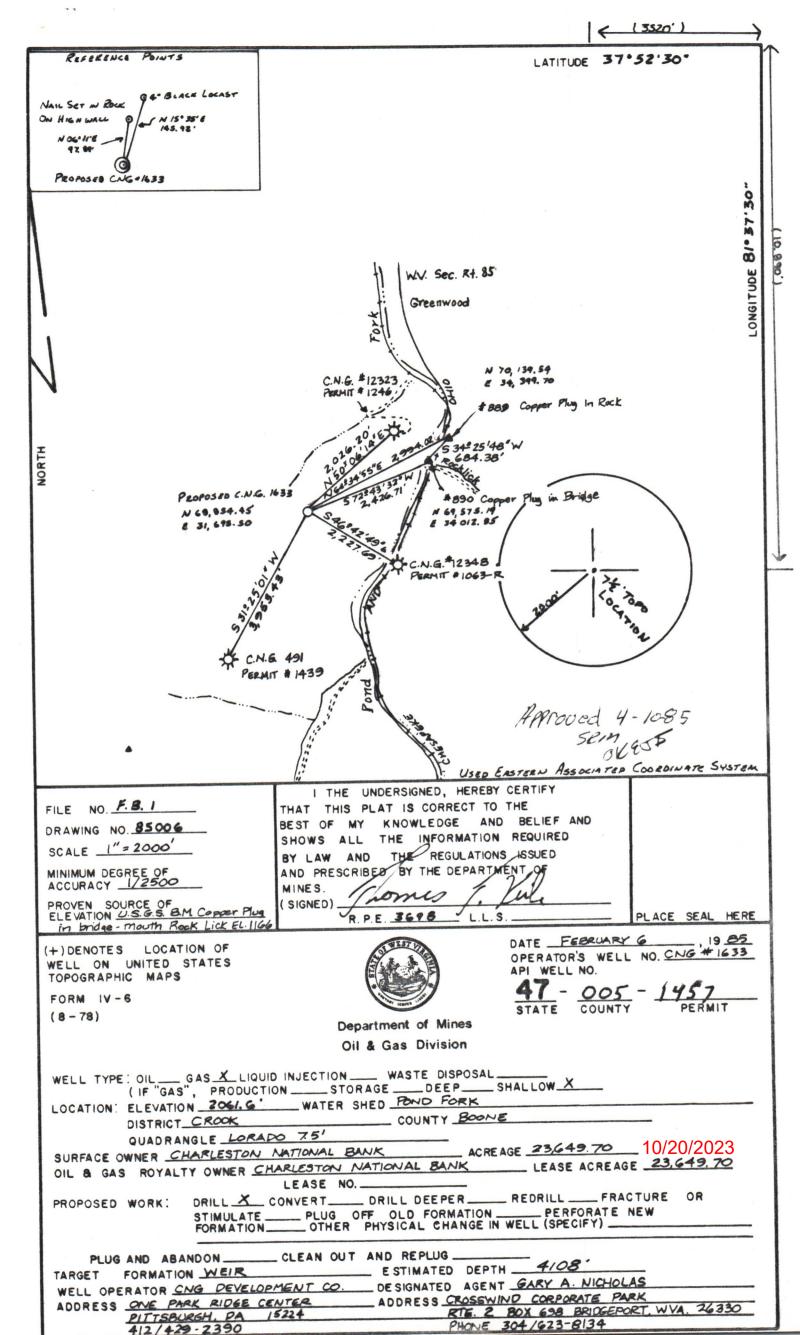
DATE	August	14,	1985	
WELL				

NC	CN(	GD #1633	
API			
NO.	47	005	01457
	State	County	Permit

#### WELL CLASSIFICATION FORM

# HIGH-COST GAS - NEW TIGHT FORMATION NGPA SECTION 107

One Perk Ridge Center P. O. Box 15786 Pittsburgh, PR 15244 Attn: Production Segulatory Coord.  Gas Purchaser Undetersined  Address  Undetersined  Address  Undetersined  Address  Undetersined  Address  Undetersined  Address  Undetersined  Location: Elevation 2,062  Watershed Pond Fork Quad. Lorado  District Crook County Boone  Gas Purchase Contract No.  Meter Chart Code  Date of Contract  Date surface drilling began July 4, 1985  Indicate the bottom hole pressure of well and explain how this was calculated:  BHP = 439\$ BHP = P1 + P1 (e GL/53.34 T -1)  AFFIDAVIT  I. R. N. Metzler  that surface drilling the 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 after July 16, 1979, the gas is being produced from a designated tight formation and I after July 16, 1979, the gas is being produced from a designated tight formation and I after July 16, 1979, the gas is being produced from a designated tight formation and I after July 16, 1979, the gas is being produced from a designated tight formation and I after July 16, 1979, the gas is being produced from a designated tight formation and I after July 16, 1979, the gas is being produced from a designated tight formation and I after July 16, 1979, the gas is being produced from a designated tight formation and I after July 16, 1979, the gas is being produced from a designated tight formation and I after July 16, 1979, the gas is being produced from a designated tight formation and I after July 16, 1979, the gas is being produced from a designated tight formation which is inconsisten with a conclusion that the well qualifies as a high-cost natural gas well.  AFFIDAVIT  AFF	WELL OPERATOR	CNG Development Company	Designated Agent	Gary A. Nicholas
Address P. O. Sox 19746  Fittsburgh PA 19244 Atta: Production Segulatory Coord.  Gas Purchaser  Undetersined  Middress    Location: Elevation   2,062   Watershed Pond Fork   Quad. Lorado   District Crook   County Boone   Gas Purchaser   Contract No.   Meter Chart Code   Date of Contract No.   Meter Chart Code   Date of Contract      Date surface drilling began   July 4, 1985     Indicate the bottom hole pressure of well and explain how this was calculated:    BHF = 439%     BHF = P1 + P1 (e GL/53.34 T _1)	WILLIAM OF LIVERION_			
BRP = 439f BRP = P1 + P1 (e GL/53.34 T _1)  AFFIDAVIT  I, R. N. Metzler that surface of any information not described in the application which is inconsisten with a conclusion that the well qualifies as a high-cost natural gas well.  STATE OF PENSYLVANIA  COUNTY OF Allegheny , TO-WIT:  I, Carl G. Mourovic , a Notary Public in and for the state and county aforesaid, do certify that R. N. Metzler  AND	Address		Address	Crosswind Corporate Park
Watershed Fond Fork Quad. Lorado District Crook County Boone  Gas Purchase Contract No. Meter Chart Code Date of Contract  Date surface drilling began July 4, 1985  Indicate the bottom hole pressure of well and explain how this was calculated:  BHP = 439f BHP = P1 + P1 (e GL/53.34 T _1)  AFFIDAVIT  I. R. N. Mettler		Pittsburgh, PA 15244 Attn: Production Regulatory Coord		
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District Grook County Boone  Gas Purchase Contract No. Meter Chart Code Date of Contract  Date surface drilling beganJuly 4, 1985  Indicate the bottom hole pressure of well and explain how this was calculated:  BHP = 439¢ BHP = P1 + P1 (e GL/53.34 T _1)  AFFIDAVIT  I,	Address		Watershed Pond I	Fork Quad. Lorado
Date surface drilling beganJuly 4, 1985  Indicate the bottom hole pressure of well and explain how this was calculated:  BHP = 439# BHP = P1 + P1 (e GL/53.34 T _1)  AFFIDAVIT  I, R. N. Metrler	ALCII ESS		District Crook	County Boone
Meter Chart Code  Date of Contract  * * * * * *  Date surface drilling began July 4, 1985  Indicate the bottom hole pressure of well and explain how this was calculated:  BHP = 439f BHP = P1 + P1 (e GL/53.34 T 1)  AFFIDAVIT  I. R. N. Metzler that surface drilling the 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 after July 16, 1979, the gas is being produced from a designated tight formation and I after July 16, 1979, the gas is being produced from a designated with its inconsistent with a conclusion that the well qualifies as a high-cost natural gas well.  With a conclusion that the well qualifies as a high-cost natural gas well.  STATE OF PENNSYLVANIA  COUNTY OF Allegheny , TO-WIT:  I. Carl G. Mourovic , a Notary Public in and for the state and county aforesaid, do certify that R. N. Metzler whose name is signed to the writing above, has acknowledged the same before me, in the county aforesaid.  Given under my hand this 14th day of August 10/20/292385.  My commission expires: December 19, 1988  (NOTARIAL SEAL)  NOTARIAL SEAL)				
Date surface drilling beganJuly 4, 1985  Indicate the bottom hole pressure of well and explain how this was calculated:  BRP = 439% BRP = P1 + P1 (e GL/53.34 T _1)  AFFIDAVIT  I. R. N. Metzler				
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BHP = 439# BHF = P <sub>1</sub> + P <sub>1</sub> (e GL/53.34 T <sub>1</sub> )  AFFIDAVIT  I, R. N. Metzler	Indicate the	bottom hole pressure of well	and explain how this wa	s calculated:
AFFIDAVIT  I, R. N. Metzler	Indicate the	DOCUM 1220 F		
AFFIDAVIT  I, R. N. Metzler	DID - 430	II.		
AFFIDAVIT  I. R. N. Metzler	$BHP = P_1 +$	$^{"}P_{1}$ (e GL/53.34 T $_{-1}$ )		
I, R. N. Metzler that surface drilling the 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.  STATE OF PENNSYLVANIA  COUNTY OF Allegheny, TO-WIT:  I, Carl G. Mourovic, a Notary Public in and for the state and county aforesaid, do certify that R. N. Metzler whose name is signed to the writing above, has acknowledged the same before me, in the county aforesaid.  Given under my hand this 14th day of August 10/20/292385.  My commission expires: December 19, 1988  (NOTARIAL SEAL)  Notary Public NOTARIAL SEAL)		•		
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After July 16, 1979, the gradient and the application which is recommended in the appl	T. R. N.	Metzler , h	having been first sworm	is sought was begun on or
After July 16, 1979, the gradient and the application which is recommended in the appl	that surface	drilling the the well for wr	duced from a designated	tight formation and I
with a conclusion that the well qualifies as a high-cost natural gas well.  **STATE OF PENNSYLVANIA**  COUNTY OF Allegheny , TO-WIT:  I, Carl G. Mourovic , a Notary Public in and for the state and county aforesaid, do certify that R. N. Metzler whose name is signed to the writing above, has acknowledged the same before me, in the county aforesaid.  Given under my hand this 14th day of August 10/20/2023 <sub>R5</sub> .  My commission expires: December 19, 1988  (NOTARIAL SEAL)  Notary Public December 19, 1988	- FLOW 713 37 1	6 1979. The das is bearing		ation will is I low.
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Given under my hand this 14th day of August  My commission expires: December 19, 1988  (NOTARIAL SEAL)  Notary Public  CARL G. MOUROWE, NOTARIAL PA	aforesaid,	do certify diat	me, in the county afore	esaid.
My commission expires: December 19, 1988  (NOTARIAL SEAL)  Notary Public  CARL G. MOURCONG, NOTAGIV FURLISHED COUNTY, PA	above, has	acknowledged the same service	And of Au	10/20/ <u>2</u> 923 <sub>85</sub> .
(NOTARIAL SEAL)  Notary Public  CARL G. MOUROUTE, NOTATIVE PUBLIC  PUTS RUBBLE ALLEGHERY COUNTY, PA				gust
CARL G. MOUROVIC, NOTARY PUBLIC PITTSBURGH, ALLEGHERY COUNTY, PA		My commission expires:	December 19, 1988	
CARL G. MOUROVIC, NOTARY PUBLIC PATTERINGS. ALEGHERY COUNTY, PA				Mannin
CARL G. MOUROVIC, NOTARY PUBLIC PATTERINGS. ALEGHERY COUNTY, PA	(NOTARIAL	SEAL)	Not:	ary Public
DITTERHEGH ALLEGHENV COUNTY, PA			W 2 1941	MIROYIC, NOTARY PUBLIC
			PITTSRIEG	H ALLEGHETY COUNTY, PA



April 24 1) Date:

2) Operator's 1633

Well No. 3) API Well No.

47-005-State County

-0 85

#### STATE OF WEST VIRGINIA DEPARIMENT OF MINES, OFFICE OF OIL & GAS

#### NOTICE OF ADDITION

		MOTTE OF APPLICATION	FUR A WELL	WORK PERMIT
4) SU	RFACE OV	NER(S) OF RECORD TO BE SERVED	5(i)	COAL OPERATOR
(i)		Charleston National Bank		Address
	Address	Trust Department		
		P.O. Box 1113	2(11)	COAL OWNER(S) WITH DECLARATION ON RECO
(ii)		Charleston, WV 25234		Name Charleston National Bank
	Address			Address P.O. Box 1113 Trust Dep
				Charleston, WV 25234
(iii)	Name			Name
	Address			Address
			5 (iii)	COAL LESSEE WITH DECLARATION ON RECORD:
				Name Mr. Michael D. Eddy, Jr.
				Address Eastern Associated Coalc
				1 PPG Place
		TO THE PERSON(S) NAMED ABOVE: You should		Pittsburgh, PA 15222

- (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 camenting 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 RECARDING 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

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) DURACTION RIGHTS

Check and provide one of the following:

- ☐ 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

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 sworm to and the Notice is signed on behalf of the Well Operator in my County and State by Paul W Garrott

	zaaz ,	v. Garrer		- 1
this 24 day	OÍ_	April	Y	19 85.
My comm	ission	expires	12/19	1988

Notary Public, Allegheny State of Pennsylvania WELL OPERATOR CNG Development Company Its Manager, Well Programs P.O. Box 15746 Address Pittsburgh, PA 15244 (412) 787-4090 Telephone

10/20/2023

M

GAS 

#### INSTRUCTIONS TO APPLICANT

#### 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 cwner(s) of record to be served with Notice and Application. However, see also Code § 22-4-lb(b) if "more than three tenants in common or other co-cwners 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-lk 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-lk(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-la(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-lm, 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 cath 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—

- 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
Charleston National Bank	Quaker State Oil Refining Corp.	1/8	20 114
1/12/72 Assigned to	Consolidated Gas Supply Corp.	1/8	
1/84 Assigned to	Consolidated Gas Transmission Corp.	1/8	



IV-9 (Rev 8-81) THE STATE OF THE S

DATE 2/11/85

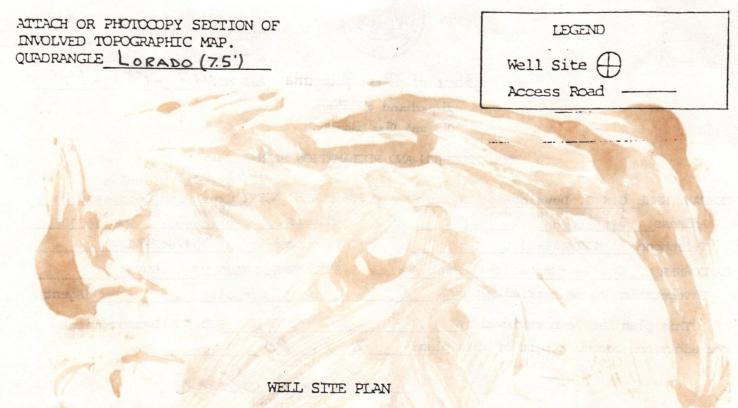
WELL NO. C. N.G. # 1633

### Storte of Mest Hirgi API NO. 47 - 005 - 145

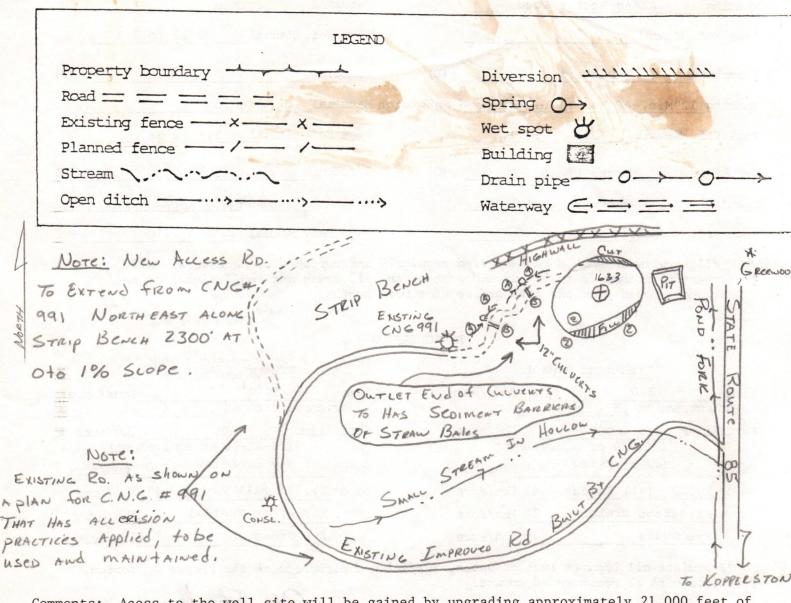
Bepartment of Mines Gil und Gas Bivision

#### CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME C N C Povolopment Company	Gary A. Nicholas  DESIGNATED AGENT Crosswind Corporate Park
Address Pittsburgh, PA 15244	Address Route 2, Box 698 Bridgeport, WV 26330
Telephone 412/429-2390	Telephone 304/623-8134
LANDOWNER Charleston National Bank	SOIL CONS. DISTRICT Guyan
Revegetation to be carried out by	Gary A. Nicholas (Agent)
This plan has been reviewed by	Guyan SCD. All corrections
and additions become a part of this plan:	2-18-85
With the Manager	Date) Descriptions (SCD Agent)
ACCESS ROAD	LOCATION
Structure Drainage Ditch (A)	Structure Diversion Ditch (1)
Spacing Along Access Road	Material Earthen
Page Ref. Manual	Page Ref. Manual 2:12 to 2:13
Structure Culvert (B)	Structure (2)
Spacing 12"Min42"Max. I.D. as shown on ske	etch Material Mulching
Page Ref. Manual 2:7 to 2:11	Page Ref. Manual 3:6 to 3:7
Structure Cross Drains (C)	Structure Sediment Barrier (3)
Spacing As shown on sketch	Material Hay Bales & Brush From Site
Page Ref. Manual 2:1 to 2:6	Page Ref. Manual 2.16 & 2.18
All structures should be inspected regula commercial timber is to be cut and stacked cut and removed from the site before dirt was a stacked cut and removed from the site before dirt was a stacked cut and removed from the site before dirt was a stacked cut and removed from the site before dirt was a stacked cut and removed from the site before dirt was a stacked cut and removed from the site before dirt was a stacked cut and removed from the site before dirt was a stacked cut and removed from the site before directly as a stacked cut and removed from the site before directly as a stacked cut and removed from the site before directly as a stacked cut and removed from the site before directly as a stacked cut and removed from the site before directly as a stacked cut and removed from the site before directly as a stacked cut and removed from the site before directly as a stacked cut and removed from the site before directly as a stacked cut and removed from the site before directly as a stacked cut and removed from the site before directly as a stacked cut and removed from the site before directly as a stacked cut and removed from the site before directly as a stacked cut and removed from the site before directly as a stacked cut and the site before directly as a stacked cut and the site before directly as a stacked cut and the site before directly as a stacked cut and the site before directly as a stacked cut and the site before directly as a stacked cut and the site before directly as a stacked cut and the site before directly as a stacked cut and the site before directly as a stacked cut and the site before directly as a stacked cut and the site before directly as a stacked cut and the site before directly as a stacked cut and the site before directly as a stacked cut and the site before directly as a stacked cut and the site before directly as a stacked cut and the site before directly as a stacked cut and the site before directly as a stacked cut and the site before directly as a stacked cut and the site bef	and all brush and small timber to be
REVEGETZ	ATTON
Treatment Area I  Lime 3.0 Tons/acre	Lime Tons/acre
or correct to pH 6.5	or correct to pH 6.5
Fertilizer 600 lbs/acre (10-20-20 or equivalent)	Fertilizer 600 lbs/acre (10-20-20 or equivalent)
Mulch Hay or Straw 2.0 Tons/acre	Mulch Hay or Straw 2.0 Tons/acre
Seed* Ky. 31 Tall Fescue 45 lbs/acre	Seed* Ky. 31 Tall Fescue 45 lbs/acre
Birdsfoot Trefoil 10 lbs/acre	Birdsfoot Trefoil 10 lbs/acre
Rye Grass 10 lbs/acre	Rye Grass 10 lbs/acre
*Inoculate all legumes such as vetch, trefo Inoculate with 3X recommended amount.	oil and clovers with the proper bacterium.  Ohi Shockey Surveying 0/20/2023
notes: Please resulet landsummer accordation to protect new	ADDRESS 401 Peoples Building
seeding for one growing season. Attach separate sheets as	Charleston, WV 25301
necessary for comments.	FHONE NO. 304-345-6631



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



Comments: Acess to the well site will be gained by upgrading approximately 21,000 feet of existing strip roads, beginning at a junction point in Boone County Radua 2023

All outlets of drainage structures and ditches will be to stable areas. The well location will be located on a strip bench now partly constructed with the remainder of the area still on natural grade. All brush and timber 6 inches and above will be cut and stacked prior to any earth moving activities. The road and well site will be brought to desired grade with erosion control structures being installed in conjunction with the grading. Reclamation will be done 6 months after well is completed.