



1)	Date:	Jul	y 9	, 1	9 85
2)	Operator's	CASTO :	# 1		

Well No. CASTO #

3) API Well No. 47

47 001 -2257
State County Permit

517	ALE OF WE	21 AIRPIL	NIA	
DEPARTMENT	OF LEADING,	OIL AND	GAS	DIVISION
	EMEDO	57		

	DED	C GAS	DIVISIO	ON	APP	LICATION	ENERGY WEI	L WORK PERMIT			
	DEP	1. 01	- MII	Vine							
4)	WELL TY	PE: A	Oil		as X	-					
				, Productio				storage		_/ Shallow _	X_/)
5)	LOCATIO			2203		0		Azzens Rur	1	_	1 /0 : 1
				Valle		The second secon	country.	Barbour	Quadrangle: _	Audra 7	1/2'2
5)						s Corp		7) DESIGNATED	AGENT Mark		er
	Address	-		Box 2			4650	Address		3ox 299	
			Bric	lgepor	t WV.	26330	<u> </u>			geport WV	. 26330
8)	OIL & GA	S INSPE	CTOR TO	BE NOT	FIED			9) DRILLING CO	NTRACTOR:		
	Name	Da	vid E	Illis			_	Name	725		
	Address	26	04 Cr	ab Ap	ple L	ane		Address			
		<u> F a</u>	irmor	it wv.	2655	4	_				
))	PROPOSE	D WELL	WORK:	Drill	<u>X</u> /	Drill o	deeper	/ Redrill	/ Stimulate	X/	
								ate new formation_			
						ange in well	(specify)	- 11: 11			
	GEOLOGI					00	SPEE	CHLEY			
	12) Estima				0.0	# 28	00_feet	500			
	13) Appro	ximate tra	ita depths:	Fresh, _			_feet; salt		feet.		
	14) Appro				110	14	Is co	al being mined in the	area? Yes	/ No	/
5)	CASING A	AND TUE	ING PRO	GRAM							
	SING OR BING TYPE		SPE	CIFICATION   Weight	is		FOOTAGE	NTERVALS	CEMENT FILL-UP OR SACKS	PACKER	:S
		Size	Grade	per ft.	New I	Used	For drilling	Left in well	(Cubic feet)		
ondu	uctor	11 3	14		X	101	30'	30'	To Surface	Kinds Cl	ass A
esh	water	8 5/	8		X	400	1000	1000 1 1 K	To Surface	e Cl	ass A
oal								- 300		Sizes	
term	nediate						28001	2800'	as rea	le real t	u nu
rodu	ection	4 1/	2		X		5	-3550	1500 ( 1)	upopths set 50	/50 po:
ubin	g			100		1.77				1	5001
ners								2.3.3		Perforations:	
										Тор	Bottom
			100 may 2 m	The second		11.00	erdaning vill	E-ARCHA-PERSIL A	T ALL DE DERENS	Flouriou le	DEC 12.1
						_					
					22508038	OFF	ICE USE	ONLY		DWING I	view lings
						DRI	LLING PE	RMIT			
	it number	47-	001-22	57	•						19
rm	it number_		001 22	.51					Da	July 18	85
	normit cove	ring the	wall operat	tor and wa	Il location	shower halo	u is suidense	of manufactor analys		Contract to the	PullgmoD
nic .	ments subje	ct to the	conditions	contained	herein and	on the reve	rse hereof. No	of permission grante	ven to the District Oi	l and Gas Inspecto	ent legal re-
nis j		ne constru	ction of re	oads, locat	ions and pi	its for any p	ermitted work	. In addition, the we			
irei			or 24 hour	rs before a	ctual perm	itted work h	nas commence	d.)			
irei		as inspect			J A	olication, pla	it, and reclam	ation plan, subject to	any modifications a	and conditions spec	cified on the
stric	ct oil and g permitted w		lescribed i	n the Notic	ce and App						
strice ne p	ct oil and g permitted w se hereof.	ork is as			ce and App					2012E 2012	
strice ne p	ct oil and g permitted w	ork is as	described i		ce and App		unless well	work is commenced	prior to that date and	prosecuted with d	ue diligence.
strice the person	ct oil and g permitted w se hereof.	ork is as			ce and App		unless well	work is commenced	prior to that date and	prosecuted with d	ue diligence.
he pevers	ct oil and g permitted w se hereof.	ork is as	y 18,		Casing	Fee	unless well	work is commenced	prior to that date and	prosecuted with d	ue diligence.
strice he p vers	ct oil and g permitted w se hereof. it expires	Jul	y 18,	1987		Fee	unless well	work is commenced	prior to that date and	prosecuted with d	ue diligence.
strice ne p vers	ct oil and g permitted w se hereof. it expires	Jul	y 18,	1987		Fee 23	unless well	work is commenced	prior to that date and	prosecuted with d	ue diligence.

DIRECTOR, DIVISION OF OIL & GAS

OFFI	CE	ICE	ONLY
OLLI	CE	USE	OILT

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

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3	7	М	ГΙ		Г.	U	2		U		•		

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

	Date	Date(s)
Application received	Follow-up inspection	on(s)
Well work started	ANTONIA DELLAMBI	erali modele 47+001-2257
process	etion ablawe select is evidence of permission at anter a and offthe levery rated), perfective areas he also	
Well Record received		factor metro canal L. agreed in regular the recur-
Reclamation completed	o pontantino est kio e lla west hitt.	in purroused was as described in the Series and Series
OTHER INSPECTIONS	Jac -	EX. PHI PATE TO LOCAL
Reason:	bring de	under and



IV-9 (Rev 8-81)

STOP OF	WEST	E .
13/1	to.	自国
1.	<b>B</b> 3.	多門
A.ile		at i daddy
40	The state of the s	

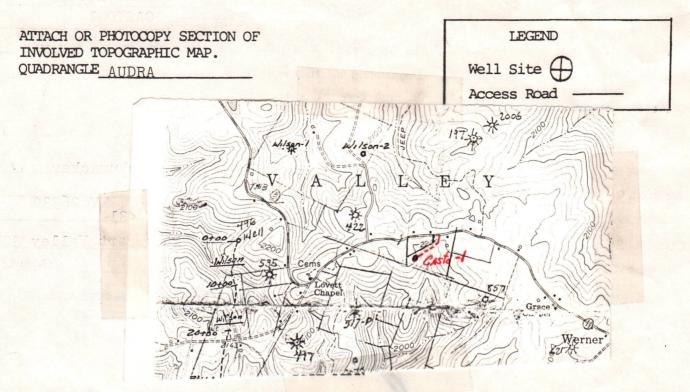
2 JULY,1985 CASTO-1 WELL NO.

### State of Mest Nirginia

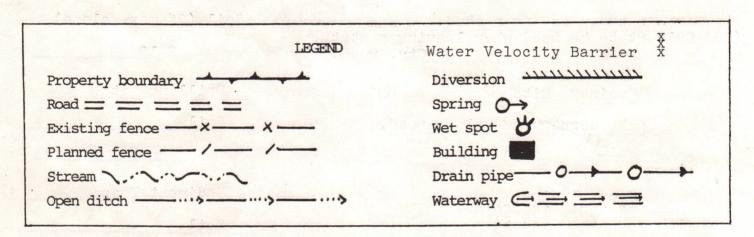
API NO. 47 - 001 - 225

Bepartment of Mines Bil and Gas Division

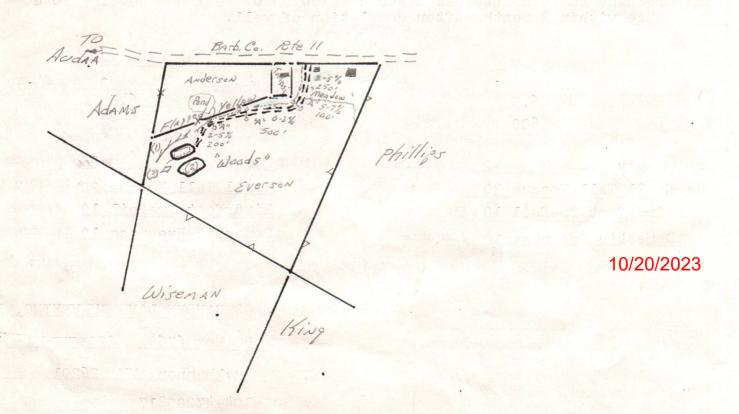
CONSTRUCTION A	ND RECLAMATION PLAN
COMPANY NAME Berea Oil and Gas Corp.	DESIGNATED AGENT Mark Schumacker
69 Delaware Ave. Address 901 Chemical Bank Bldg.	Address PO Box 299
Telephone Buffalo, New York 14202	Bridgeport, WV 26330 Telephone 304-842-6931
716-842-0711 LANDOWNER Sylvia Everson	SOIL CONS. DISTRICT Tygart Valley SCD
Revegetation to be carried out by	Operator (Agent)
This plan has been reviewed by	All corrections
and additions become a part of this plan.	7-5-88 (Generalization)
	(SCD Agent)
ACCESS ROAD	(SCIP Agent)
Structure Culverts (A	Structure Diversion Ditch (1)
Spacing As shown and as needed.	Material Soil (2% max. slope)
15" Culvert to be used when leaving a Page Ref. Manual 2-5 or Cty.	
Ashan and the same	
Structure Drainage Ditch (E	Structure Drilling Pit (2)
Spacing To be constructed along road	. Material Soil
Page Ref. Manual 2-10	Page Ref. Manual
Structure Cross Drains (C	Structure Sediment Trap (3)
5%-135' 15%-60'	
Spacing 10%- 80' 20%-45'	Material Soil
Page Ref. Manual 2-1	Page Ref. Manual
All structures should be inspected re	egularly and repaired if necessary. All eked and all brush and small timber to be
	r completion of well and seeding to com-
mence within 3 months after cor	mpletion of well.
Treatment Area I	Treatment Area II
Lime 3 Tons/acre	Lime 3 Tons/acre
or correct to pH 6.5	or correct to pH 6.5
Fertilizer 600 lbs/acre	Fertilizer 600 lbs/acre (10-20-20 or equivalent)
(10-20-20 or equivalent)	Mulch Hay 2 Tons/acre
Mulch Hay 2 Tons/acre	Seed* Ky-31 Tall Fescue 30 lbs/acre
Seed*Ky-31 Tall Fescue 30 lbs/acre	Birdsfoot Trefoil 10 lbs/acre
Birdsfoot Trefoil 10 lbs/acre	Domestic Ryegrass 10 lbs/acre
Domestic Ryegrass 10 lbs/acre	
*Inoculate all legumes such as vetch, Inoculate with 3X recommended amount.	trefoil and clovers with the properly policy.
	PLAN PREPARED BY OSTRANDER LAND SURVEYING, INC.
NOTES: Please request landowners'	ADDRESS PO Box 676
seedling for one growing season.	Buckhannon, WV 26201
Attach separate sheets as necessary for comments.	PHONE NO. 304-472-0817



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.



- -TOPSOIL TO BE STOCKPILED.
- -ALL CUTS TO BE ON A 2:1 SLOPE UNLESS IN ROCK.



FORM IV-2(A) Obverse [8-83]

1) Date: July 9
2) Operator's 1) Date: ,19 85

Well No. Casto # 1 3) API Well No. 47 001-225-7

State County Permit

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

### NOTICE OF APPLICATION FOR A WELL WORK PERMIT

	Address	Sylvia Ev Audra Roa			Addre	
(55)		maara moa	d			
(111)	_	Belington	W	V. 26205 5(i	i) COAL	OWNER(S) WITH DECLARATION ON RECORD:
	Name				Name	James Ware 1/2 Interest
	Address				Add	dress 19 South Main Street
12211						Philippi WV. 26416
(iii)		1121		P 090 442 A		Jerry L. Ware 1/2 Inter
	Address			P 090 447 8	) b	ess P.O.BOX 153
	-			RECEIPT FOR CERTIFIE	TO BRAIL	Philippi WV. 26416
						ESSEE WITH DECLARATION ON RECORD:
				NO INSURANCE COVERAGE P NOT FOR INTERNATIONAL	ROVIDED	Tygart River Coal Co.
					MAIL	ess <sub>P.O.</sub> Box 2178
		TO THE STATE OF TH		(See Reverse)		Elkins WV. 26241
		TO THE PERSON(S) NA	4	Sent to		the following documents:
		(1) The Applic to be plug	0-9	Sylvia Everso	n	orm IV-4 if the well is
		and descri	984-446-014	Street and No. 716 Audra Road		illing or other work, the proposed casing and
		(2) The plat (	198			The state of the s
		(3) The Constr plug a wel	0	P.O., State and ZIP Code Belington, WV 2	6205	IV-6; and he well work is only to
		reclamatio	Q.D	Postage	1s	nt control and for
		THE REASON YOU WHICH ARE SUMMARIZE	U.S.		.22	REGARDING THE APPLICATION
		(FORM IV-2(B) OR FO	*	Certified Fee	1	COPY OF THE APPLICATION
		ACTION AT ALL.		Consist Daties =	. 75	DUIRED TO TAKE ANY
		Take notice the erator proposes to	- 32	Special Delivery Fee		undersigned well op-
	for a Well Work Per Department of Mines		Restricted Delivery Fee		accompanying documents  Gas, West Virginia	
		and depicted on att		The American Property of the Control	70	on attached Application
		Construction and Reby hand to the pers		Return Receipt Showing to whom and Date Delivered	. 70	cation, the plat, and the ertified mail or delivered
		before the day of I	~	AND DESCRIPTION OF THE PROPERTY OF THE PROPERT		rcumstances) on or
		6) EXTRACTION RIGHT	1982	Return receipt showing to whom, Date, and Address of Delivery		
		Check and provid	- 1	TOTAL Postage and Fees	\$ 7	-
		Included is t	LL.	16	\$1.67	contracts by which
		The requirem	3800,	Postmark or Date	ACTIVITY OF THE PERSON OF THE	
		7) ROYALTY PROVISIO	38	627		side for specifics.)
		Is the right to or other contra	Form	1 % 5		on a lease or leases
		TOTAL SOCIETING LIVE	SF	1		any similar provision
		to the inlime	PS	VW W		ot inherently related
		If the answer	er al	cove is No, nothing additional	is needed -	
		you may use Affiday:	it Fo	orm IV-60.	rs needed. I	If the answer is Yes,
		See the reverse	e sic	de for line item instance		
- Charles	VE E TOUR	Reclamation 71	pies	de for line item instructions, a of the Notice and Application	plat, and	ructions concerning
The tr	71th of	be information Pla	arı.		,	
Notice	and Ann	he information of	on			
and sw	om to a	nd the Notice is	LIL	ea OPER	PATOR I	Berea Oil & Gas Corp.
signed	on beha	lf of the Well of	)m~	rator	-	n All.
in my	Country	nd State by .	pe.	4		Kinsey / Royle Jinsey
100	0	ayle Linse		It	Supt	Of Land
this/o	day of	Ox. D.	-	19 0- Ad	aress P	.O. Box 299
460		on expires 17	3	, 19 <b>93</b> . Te		ridgeport WV. 26330
	8/11	2 2/	_	Te	lephone	(304) 842-6931
	rauce	U/6 X01	1			

#### 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 owner(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-l2 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 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-

- 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:

Gran	tor, lessor, e	etc.	Grantee	e, lessee, etc.		Royalty	Book 1	Page
Casto	Heirs		Fuel	Resourse	Inc.	1/8	74	353

NAME: \_\_

By \_

Its\_

4) WELL TYPE: A Oil \_\_\_\_

#### SURFACE OWNER'S COPY

\_/ Gas \_



1)	Date:	July	y 9	, 1985
2)	Operator's Well No.	ASTO :	<i>p</i> 1	
3)	API Well No.	47	001	- 1 3 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
,		State	Country	Downit

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

	В (І	f "Gas", 1	Production	n	E MO I	/ Underground s	The same was not to the same	/ Deep	_/ Shallow/)
5) LOCATIO	N: Ele	evation: _	2203	YES	(4) ES	Watershed:	Azzens Hu	D.	Augus 7 1/21
	Dis	strict:	Asile		1	County:	arbour	Quadrangle:	Februarahan
6) WELL OPI	ERATOR	Bere			las C	orp.	7) DESIGNATEI	AGENT	schumacher
Address	el el <u>2000 (se</u>	P.O.		99		7670	Address	P.O.B	OX 233
	the selected	Brid	geper	t W	/ . 20	330		bridg	eport Wy. 20330
8) OIL & GAS	S INSPEC	TOR TO	BE NOTI	FIED			9) DRILLING C	ONTRACTOR:	
Name	Da	vid E	llis			and the same without	Name		E. St. Williams 2.2374 CHISINGS
Address	26	04 Cr	ab Ap	ple	Lane	heisens andri	Address		<del>na con le carata de marto.</del>
	ra	irmon	t wv.	20:	004	The RO to tomic s		A art hon animien sp	k ji bajita anihama ika od
10) PROPOSE	D WELL	WORK:	Drill	Z	_/ Drill	deeper	/ Redrill	/ Stimulate	X
			Plug of	f old	formation		te new formation		vi ina sto us Y - (TTOM
						n well (specify)			
11) GEOLOGI	CAL TAR	GET FOR		50.0	avert	У			
12) Estima				5.4	400	feet	or a report see		
	ximate trat			2(	25/11	feet; salt,	500	feet.	
14) Approx				11	10	148	l being mined in the		/ NoX
15) CASING A						13 000	i being inned in the	carca: Ics	, 140
	II TOBI					I FOOTAGE IN	TERMAN C	II CEMENT PILLUP	II PACKEDS
CASING OR TUBING TYPE	distribution on a	SPEC	IFICATIONS Weight			FOOTAGE IN		OR SACKS	PACKERS
	Size	Grade	per ft.	New	Used	For drilling	Left in well	(Cubic feet)	Class
Conductor	0 6 /	2		A		10001		To Surface	Kinds
Fresh water	8 3/	5		A		1000'	1000'	To Surface	Class A
Coal	Tueldate	advilses	sia unit		3915057	regulate not appealing	ni babitro in es am	and to Epot all andia	Sizes
Intermediate	gates	150000000	a seed a		3003110	te divides partos es	el orbit englis 1973	e pell utamatic to suppl	Grading endusier Seda
Production	4 1/	2	92313	X	interest of	53501	5350	1500,1111	Depths set
Tubing						2.10			
Liners									Perforations:
									Top Bottom
								400	
45% (2000) (\$150)	Designation of	a to the	No. wh	SOLUTION STATES	14,5850	formall at devices.	onemanical a	esies. Complementos	Consumption of decidents
						ALLES AND REPORT OF		CONTRACTOR STATE	DE STRUSS OF PRINCIPALITY OF TRUE
	he filing of	the Appli	cation if th	ne surfa	ce owner			e issued in less than 15 ntary Statement of No	
				VOI	UNTAP	Y STATEMENT OF	NO OBJECTION		
				TOL	UNITAK	I STATEMENT OF	NO OBSECTION		
									mit, and that I have received
copies of (1) a Not	ice of App	lication fo	r a Well W	ork Pe	rmit on F	Form IV-2(A), (2) an .	Application for a W	ell Work Permit on Fo	orm IV-2(B), (3) a survey plat
								on my surface land a o objection to a permi	s described therein. t being issued based on those
materials.									
For execution by	corporatio	on, partner	ship, etc.)			(For e	xecution by natura	l persons)	
NAME.								0	
NAME:							yhea 6	Suerson	Date: 7,10 - 8
	1						/		

Date

Date: \_

(Signature)

(Signature)



# INSTRUCTIONS TO SURFACE OWNERS AND EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT ON OIL AND GAS WELL WORK PERMIT

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas West Virginia Department of Mines 1615 Washington Street East Charleston, West Virginia 25311 (304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have FIFTEEN (15) DAYS after the filing date to file your comments as provided in Methods for Filing Comments below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- "(1) The proposed well work will constitute a hazard to the safety of persons; or
- "(2) The plan for soil erosion and sediment control is not adequate or effective; or
- "(3) Damage would occur to publicly owned lands or resources; or
- "(4) The proposed well work fails to protect fresh water sources or supplies."

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.



1)	Date:	y 9		_, 19_ 55
2)	Operator's Well No.	CAS	TO #1	
3)	API Well No.	47	-001	
		State	County	Permit

10/20/2023 Coal Owner

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

4) WELL TY	PE: A Oil	/ GasX	,			
	B (If "Gas"	, Production	/ Underground st		/ Deep	_/ Shallow/)
5) LOCATIO	ON: Elevation:	2203	Watershed:	Azzens Ru	in a	11/28
	District:	Valley	County:	Barbour	Quadrangle:	OGIA / 1/2-
	PERATOR			) DESIGNATED	AGENT	achumachet
Addres	The state of the s		. Box 299	Address	idagnort	WU 26330
	Bridgep			21		WV 25330
	AS INSPECTOR TO	BE NOTIFIED	9	) DRILLING CO		
Name	2604 Cr	ab Apple Lane	9	Name		
Address	Fairmon	t, WV 26554		Address		
10) PROPOSE	ED WELL WORK	р.ш Х / р.			_ X	
10) PROPOSE	ED WELL WORK:	Drill/ Dri	on/ Perfora		/ Stimulate	
		Other physical change		te new formation_		
11) GEOLOGI	ICAL TARGET FO	RMATION,	averty			
			100 feet			
	eximate trata depths:		20 feet; salt,	500	feet.	
	oximate coal seam de		TAC	being mined in the	area? Yes	/ NoX /
	AND TUBING PRO				u. u. 105	
CASING OR	SPE	CIFICATIONS	FOOTAGE IN	TERVALS	CEMENT FILL-UP	PACKERS
TUBING TYPE	Size Grade	Weight per ft. New Used	For drilling	Left in well	OR SACKS (Cubic feet)	THE REAL PROPERTY.
Conductor	11 3/4	X	30'	301	To surface	Kinds Lass A
Fresh water	8 5/8	X	1000'	1000'	To surface	Class A
Coal						Sizes
Intermediate	4 3 10					GLES .
Production	4 1/2	X	5350	5350'	1200.6111	Depths set 0/50002 mix
Tubing						2-9-110 dec
Liners						Perforations:
					2000	Top Bottom
					<b>美国</b>	
		INSTRUCTIONS TO	O COAL OPERATOR	OWNER, OR LE	SSEE	
	The named coal	operator coal owner(s)	and soal lasses			
a		operator, coal owner(s), a by Code §22-4-3 must be f y the Department.	filed with the Departme	by notified that any	objection they wish t	o make or
0	of this Application b	y the Department.	Departme	int of winnes within	illeen (13) days after	the receipt
	The follow	ing waiver must be some				
	who has re	ing waiver must be completed a declaration under	r Code 822-4-20 if the	or and by any coal	owner or coal lessee	
	days of the	filing of the Application.	. code \$22-4-20, if the	permit is to be issu	ed within fifteen (15)	
The state of	2 <sup>18</sup> 5 a.		WAIVER			
The undersigned	coal operator	/ owner		lessee	/ of the coal	under this will be a
undersigned has no	objection to the wo	t a mine map exists which	covers the area of the v	vel location, the we	ell location has been a	under this well location has dded to the mine map. The
the West Virginia (	Code and the govern	ing regulations.	this location, provided	, the well operator	has complied with all	dded to the mine map. The applicable requirements of
				1	-81.1	7 7/1
				MANNE	1700	49/17/85
Date:			/	11.	1	103
Date:		, 19	Ву	Illu	1 7. /	1 au 7/17/8
				7 7		0/////00
			Its	) 0		



1)	Date:	Ju,	ra a	, 19
2)	Operator's Well No.	ASTO	# 1	
	API Well No.	47	001	
-,		State	County	Dormit

Coal Owner

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

4) WELL TY				X					x .
			Production _		/ Underground	Azzens Ru	/ Deep	_/ Shallow _	/)
5) LOCATIO		evation: _	Valley		Watershed: _	Barbour		Audra 7	1/2'
6) WELL OP	EDATOR	Bere		Gas Co	County:	7) DESIGNATED	Quadrangle:	Schumach	er
6) WELL OP		P.O.	Box 299		4650	Address	P.O.B	ox 299	
Address		Brid	geport	WV. 263	30	Address	Bridg	eport WV	. 26330
8) OIL & GA	S INSPEC					9) DRILLING CO	ONTRACTOR:		
Name	S MSI EC	TOR TO	DE NOTIFIEE			Name	DIVIRACION.		
Address	26	04 Cr	ab Appl	e Lane		Address			
ridaress	Fa	irmon	t WV. 2	5554		radicos			
10) PROPOSE	DWELL	WORK.	DrillX	/ Drill	deeper	/ Redrill	/ Stimulate	Х ,	
IU) PROPOSE	D WELL	WORK.				rate new formation			
11) GEOLOGI	CAL TAR	GET FOR		Haverty	wen (specify)				
12) Estima				5400	feet				
13) Appro				20	feet; sal	500	feet.		
14) Appro				110	1/5	oal being mined in the		/ No	Х,
15) CASING A						our ocing innica in the	arca: res		
CASING OR	11		CIFICATIONS	11	FOOTAGE	INTERVALS	CEMENT FILL-UP	PACKE	PS
TUBING TYPE	Sin.	1	Weight	- 1 17-4		Left in well	OR SACKS	I none	
Conductor	Size   1 1 3	Grade / 4	per ft. Ne	w Used	For drilling	30 t	(Cubic feet) To Surface	Kinds C1	ass A
Fresh water	8 5/	8		X	1000'	1000'	To Surface	Kinds	ass A
Coal	/								
Intermediate							100	Sizes	
Production	4 1/	2		X	53501	5350'	1500'fill	Depths set 50	750 poz
Tubing	/							Depths set	
Liners								Perforations:	
Lineis								Top	Bottom
							64	Top	Dottom
	"			1 11		<b>-</b>		<b>N</b>	
The undersigne xamined this pro	are require of this Ap  d coal oper	d to make plication b  The follow who has redays of the atorlocation. In to the we	operator, coal by Code §22-4 y the Departm ving waiver mu corded a decla e filing of the A	owner(s), and a must be filed ent.  st be complete ration under Capplication.  _/ ownerexists which coop be done at the	coal lessee are he di with the Depart d by the coal op code §22-4-20, if WAIVER	erator and by any co the permit is to be is	ny objection they wish in fifteen (15) days after the pal owner or coal lesse sued within fifteen (15) of the coal well location has been or has complied with a	e al under this well added to the mi	ne map. The
vate: Jucy	12		, 19_8	5_	В	Stephe Pro	nd Cap	elli.	
					1	ts		10/20/2	2023

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

1. Company Name BEREA OIL + GAS CORP.
2. Mailing Address P.o. Box 290 BRIOGEFORT WV. 26330 street city state zip
3. Telephone 842.693/ 4.Well Name CASTO #/
7,150' West of 6,900' South of 5. Latitude 80° 00' 00" Longitude LATITUDE 39° 02' 30"
6. NPDES # WV0073343 7. Dept. Oil & Gas Permit NO
8. County Barbour 9. Nearest Town Belington
10. Nearest Stream AZZENS RUN 11. Tributary of TYGARTS River
12. Will Discharge be Contracted Out? yes no X
13. If Yes, Proposed Contractor
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.

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

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.

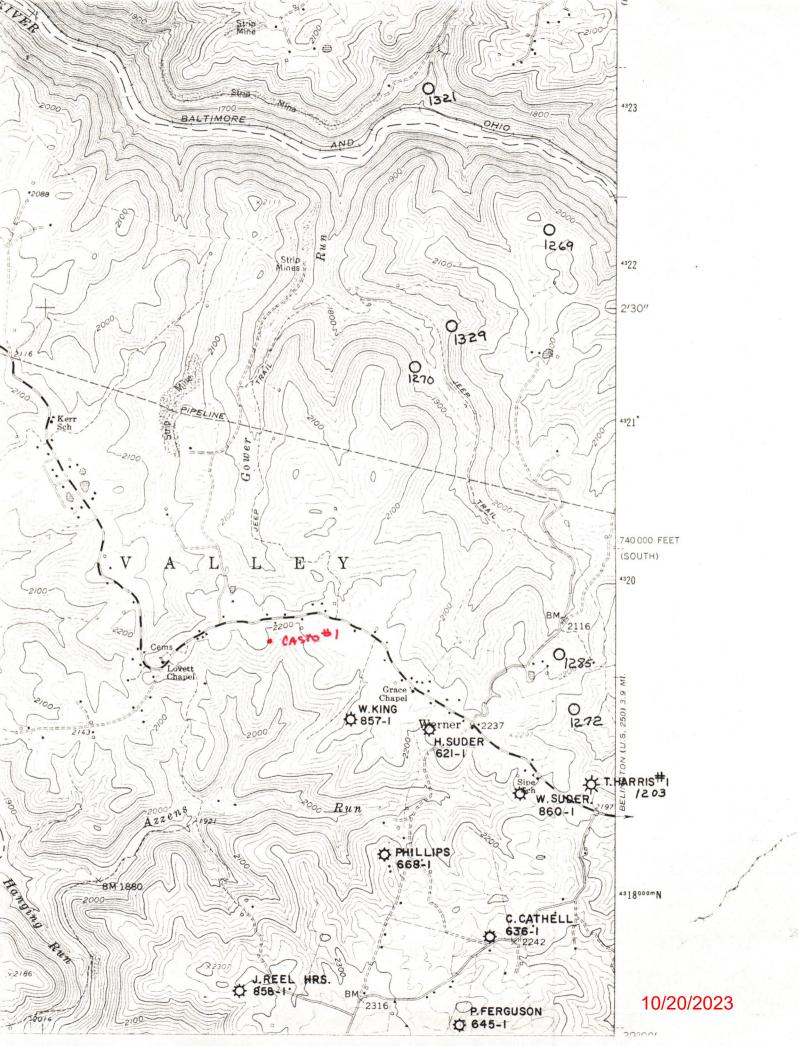
#### LANDOWNER ADMINISTRATIVE REVIEW RIGHTS

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.

DATE 7/17/85





### FUEL RESOURCES INC.

166 Montague Street, Brooklyn, New York 11201 / (212) 403-2682

(304) 823-1776

ROBERT V. FINA Manager, Leases

February 9, 1984

Oil & Gas Division
Department of Mines, W. Va.
1615 Washington Street East
Charleston, W. Va. 25311

Dear Sir:

This letter will reconfirm that at present time Berea Oil  $\epsilon$  Gas is our operator in Barbour County.

If you have any questions, please feel free to contact me.

Very truly yours,

Sobret V. Fra

Sworn to the 10 of February 1984

CHRISTINE M. PRITCHARD
Commissioner of Deeds

City of New York - No. 4-2732
Certificate Filed in Kings County
Commission Exercis Feb. 1, 1980

RVF:bmg

cc: Doyle Kinsey

Berea Oil & Gas Corp.

IV-35 (Rev 8-814)

DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

### State of Mest Wirginia

Bepartment of Mines Bil und Vas Bivision

Date	August 21, 1985	
Operato	r's .	
Well No	. Casto #1	
Farm Sy	lvia Everson	
API No.	47 _ 001 _ 2257	7

225

WELL OPERATOR'S REPORT OF

DRILLING,	FRACTURING	AND/OR	STIMULATING,	OR	PHYSICAL	CHANGE
			and the same of th	POSITION THE PERSON	STATE OF THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER.	

	Elevation:	2203'	Watershe	d A	zzens R	un		
	District:	Valley	_County_	Barbou	c	Quadrangl	e Audra	
COMPANY B	erea Oil & Gas	Corp.						
	O. Box 299, B:		, WV 26330	- [		T.,		Cement
DESIGNATE	AGENT Thomas	E. Riley	P.E.		asing	Used in		fill up
ADDRESS P.	O. Box 299, B	ridgeport	WV 26330	-	ubing	Drilling	In Mell	Cu. ft
SURFACE OF	MER Sylvia Eve	erson			ize 0-16			
7	16 Audra Road elington, WV				ond.	-		-
	GHIS OWNER Ed: 19 Beverly <del>Pik</del>				3X-3X(4.		20'	-
	19 Beverly <del>Pik</del> elington, WV			- 9	5/8	-		-
-			DRK David	- 8	5/8	768'	728'	200 sks
Ellis	ADDRESS F			-	7			
DEPMIT ISS	SUED 7/18			- 5	1/2			
	DOMMENCED 7/2:			- 4	1/2	2620'	2585'	310 sks
	COMPLETED 7/20			-  -	3			
	ABLE: PLUGGIN		uor n. ov.	- 1	XX 1 1	/2"	2411'	
CONTINUOUS	PROGRESSION : VERBAL PERM	FROM DRIL	LING OR		iners used			
ON						1		
GEOLOGICAL	TARGET FORMA	LION	Speechle	у		Dept	th280	0' fe
Depth	of completed	well	2620' fe	et Rot	ary x	X / Cable	e Tools	11110
Water	strata depth	Fresh	43';541' fe	et; Sa	lt	feet		
	seam depths:5							
OPEN FLOW								
	cing formation	n Gantz, S	Squaw, 5th	Sand, Ba	avard	. sous done		ll Treatm
	Initial open				CONTRACTOR OF STREET	Salar Sa	symptotic street distributions and resident	District the second second
st Date 8/2	1/85 Final open f	lav	492 Mas	/4 01	r: nn	itiai open	Nor	BDI
,	Time of	con flo	u bot non	/u inikin1	r II	al open I.	IOW	BDI
Stati			w between			_		
	ic rock pressu						The sale of the sa	
	applicable due							0/20/202
Secol	nd producing for	Simacion		/ 3 1	Pay	zone dept	Lh	fe
Care	Initial open							
Gas:	Final ones 6	7~**			7	and amon E		D1 1
Gas:	Final open f		w between					

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

7/30/85 PER Squaw: Gantz:	1562' - 1566' 1626' - 1634'	(6 holes) (8 holes)	7/30/85 FRAC Squaw & Gantz: Form. broke @2400#. ISIP 1300#, 5 min 1150#. Used 712 BW, 500 gal 15% HCL acid, 50,000# 20/40 sand, avg pump rate 33 BPM @ 2565#
5th Sand:	2254' - 2267'	(14 holes)	7-/30/85 FRAC 5th Sand: Form broke @ 2500#. ISIP 1050#, 5 min 900#. Used 733 BW, 500 gal 15% HCL acid, 60,000# 20/40 sand, avg. pump rate 33.3 BPM @ 2521.6#.
Bayard:	2462' - 2468'	(14 holes)	7/30/85 FRAC. Bayard: Form. broke @ 3400#. ISIP 1250#, 5 min 1130#. Used 665 BW, 500 gal 15% HCL acid, 50,000#

MATT TOC

	·	-				
COMMITTEN ON OR			REMARKS			
TORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET				
FROM DRILLERS LOG:			and salt water, coal, oil and ga			
Sand	0	43	Hala dama 0 /21			
Shale	43	43	Hole damp @ 43'			
Sand	48	97				
Shale	97	104	rangan ka daka dahiri bada s			
Sand	104	199				
Shale	199	203				
Sand	203	254				
Shale	254	350				
Coal	350	356	Land College C			
Sand & Shale	356	549	1" stream of water			
Coal	549	551	1 Stream of water			
Sand	115	608				
Sand & Shale	608	1				
Red Rock	810	810 830				
Shale						
Red Rock	830 838	838 842				
Red Rock & Shale	842					
Sand	992	992 997				
Shale & Red Rock	997	1106				
Sand	1106	1114	3110 (21 - 12 - 12 - 13 - 13 - 14 - 15 - 1			
Shale & Red Rock	1114	1171				
Sand & Shale	1171	1186				
Shale	1186	1260	마이아 그는 그들은 그렇게 하면 살아 그리는 그 때문다.			
FROM CDL LOG:	1100	1200				
Little Lime	1250	1266	발경하다 보면서 되었는 경인 어머니 되었다.			
Shale	1266	1304	Gas Check @ 1291' NS			
Big Lime	1304	1450	Gas Check @ 1291 NS			
Big Injun	1450	1548	Gas Check @ 1543' NS			
Squaw	1548	1570	Gas Check @ 1343 NS			
Sand & Shale	1570	1614				
Gantz	1614	1654				
Sand	1654	1750	Cas Chask @ 1660! 94 MCE			
Sand & Shale	1750	2086	Gas Check @ 1669' 84 MCF			
4th Sand	2086	2154				
Sand & Shale	2154	2218				
5th Sand	2218	2298				
Shale	2298	2458	Gas Check @ 2323' 189MCF			
Bayard	2458	2508	Gas Glieck & 2323 TOTTION			
Shale	2508	TD	Gas Check @ 2544' 198 MCF			
Share			as necessary collars 189' MCF			

Berea Oil & Gas Corp.

Well Operator

By: Thomas E. Riley, P.E., Manager of 10/20/2020g

Date: August 21, 1985

Note: Regulation 2.02(i) provides as follows:

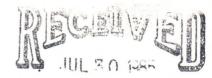
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including and, encountered in the drilling of a well."

··· PO1-2757

### STATE OF WEST VIRGINIA

### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

### INSPECTOR'S WELL REPORT

	1		(KI	r Gas Well
Company Berea Oil + GAS	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address Bridgepart W. U.	Size			and the second second
Farm Enerson	16		( A. ( ) )   ( )   ( )	Kind of Packer
Vell No/	13			
ristrict Valley Count Borlow	817/5	The Property of the Control of the C	128	Size of
rilling commenced 7-22-85	65%			Depth set
rilling completedTotal depth	5 3/16			
Depth of shot	2			Perf. top
itial open flow/10ths Water inInch	Liners Used			Perf. bottom
en flow after tubing/10ths Merc. inInch				Perf. bottom
lumeCu. Ft.		TED 35	S1712 2 5	No. FT. 7-24-2
ck pressurelbshrs.				
bbls., 1st 24 hrs.	1			D 356#
sh waterfeetfeet				FEETINCHE
t waterfeetfeet	and the same and t	And the second second		FEETINCHE
lers' Names Cartery #/				
arks: Wit 043 ft 1"0 54				

7-24-85

10/20/2023

#### STATE OF WEST VIRGINIA

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

### INSPECTOR'S PLUGGING REPORT

COMPANY				We	II No			
	and the second s	The second second	ADDRESS					
FARMCOUNTY								
Filling Material Used					V.V.			
iner Loc	ation	Amount	Packer	Location				
PLUGS USED A	ND DEPTH PLACED		BRIDGES		G AND T	UBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST		
			3/ - 20 3/2		and the same	27 33 X		
				5-6-25	. 1	1) 124.A.		
La dia properties de la constanties de				Section was	ante de cha	a responsi		
				ale to destile	and the second	ester en a la l		
						, ec - 7364 - 10		
		·	and the second s	1 3 MAGA		10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
					Stranger 1			
	2 / 1 / 1		23. 3. 3. 3. 3.	sul.	and any order	Continue of the Continue of th		
and the second	0-1-41							
7 3 3 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	141. 25. C. 14.		27. 27.5			÷		
rillers' Names				<u>'</u>				
		W. J				position and		
emarks:	State of the state		-					

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

DATE

Obverse Oil AND GAS

### INSPECTOR'S PERMIT SUMMARY FORM

7	10-	85	)
-	0	0 2	
			ì

WELL TYPE	5 1986	TOTAL BOTH OF	API# 47	001 -	2257		
ELEVATION		OPI	ERATOR Co	nvest	Energy		
DISTRICT Valley		TEI	OPERATOR Convest Energy TELEPHONE				
QUADRANGLE	0	FAF	RM Er	ressess	29.4(1)		
COUNTY Bo	straur	WEI	L #		3.80		
SURFACE OWNER		COMMENT	COMMENTSTELEPHONE				
TARGET FORMA	TION	DATE A	PPLICATION	RECEIVED_			
DATE STARTED LOCATION		NOTIFIED	DI	RILLING COM	MENCED		
WATER DEPTHS							
	, , ,						
		CASIN	G				
Ran	feet of	''pipe	on	with	fill up		
Ran	feet of	"pipe	on	with	fill up		
Ran	feet of	"pipe	on	with	fill up		
Ran	feet of	"pipe	on	with	fill up		
rD	feet on						
		PLUGGI	NG				
Type		From	То	P	ipe Removed		
-							
		1.65	n M				
Pit Discharg	e date:	Type					
Field analys			fe				
Well Record	received	14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
1							
	d 5-6-8	1					

Inspector's signature



API# 47	T'F VAL
---------	---------

### LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1				
2				
3				
1				
5			4	
3				
7	2			
3				
9				
			3	
L				
2				
3				
1				
5				
3				
7				
3			Section 1	

Notes

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

1.0 API well number:	i	47 -	001 - 2-2257	- 0000	
(If not assigned, leave blank. 14 digits.)	47 001 2-2237 0000				
2.0 Type of determination being sought:			100		
(Use the codes found on the front	i		103		
of this form.)	1	Sect	ion of NGPA C	ategory Code	
3.0 Depth of the deepest completion location: (Only needed if sections 103	2468' feet				
or 107 in 2.0 above.)					
4.0 Name, address and code number of					-10
applicant: (35 letters per line	Berea	a Oil & Gas Co	orp.		
maximum. If code number not	Name				Seller Code
available, leave blank.)	P. O.	. Box 299			
	Street				
	Bridg	geport	WV	26330	
	City		State	Zip Code	9
5.0 Location of this well: [Complete (a)	i				
or (b).]	Valle	ey District			
(a) For onshore wells	Field Na	ime			
(35 letters maximum for field	Barbo	our	WV		
name.)	County		State		
(b) For OCS weils:	N/A				
	Area Na	me		Block Numb	per
	1				
		Date	e of Lease:		
	1				
		Mo.	Day Yr.	OCS Lease Number	
(c) Name and identification number	1	" -			
of this well: (35 letters and digits	Casto	0 #1			
(d) It code 4 or 5 in 2.0 above, name	+				
of the reservoir: (35 letters					
maximum.)	N/A_				
6.0 (a) Name and code number of the			·		
purchaser: (35 letters and digits	1				
maximum. If code number not	Brook	klyn Union Ga	s Company		
available, leave blank.)	Name	KI yii OliIOli Ga.	3 Company		D. v.o. Code
(b) Date of the contract:	1 Ivanie				Buyer Code
(b) Date of the contract.	1		0 8 0 6	7.6.	
			2701	Yr.	
(c) Estimated total annual production	1		Mo. Day	11,	
from the well:	1		17.8	Million Cubi	c East
	!			William Capi	C 150(
				(c) All Other	(1) T-1-1 -( (-)
		(a) Base Price	(b) Tax	Prices [Indicate	(d) Total of (a),
				(+) or (-).]	(b) and (c)
7.0 Contract price:					
(As of filing date. Complete to 3	I S/MMBTU	3 5 3 5	0 3 0 5		3 8 4 0
decimal places.)					
8.0 Maximum lawful rate:	i				
(As of filing date. Complete to 3	S/MMBTU	3 5 3 5	0 3 0 5		3 8 4 0
decimal places.)	!			*	
9.0 Person responsible for this application:					
	Thomas E. Riley, P.E., Manager of Engineering				
Agency Use Only	Name	1 1		Title	
Date Received by Juris, Agency	dh	omas &	Key		
AUG 2 2 1985	AUG 2.2. 1985   Signature				
Date Received by FERC	! Au	gust 21, 1985		(304)842-6	5931
	Date App	dication is Completed	/	Phone Number	
FERC-121 (8-82)				10/2	20/2023

#### U.S. DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission Washington, D.C. 20426

Form Approved OMB No. 1902-0038 (Expires 12/31/84)

## APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA) (Sections 102, 103, 107 and 108)

#### GENERAL INSTRUCTIONS

Complete this form it you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA.

Complete each appropriate item on the reverse side of this page. The code numbers used in items 4 and 6 can be obtained from the Buver/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the star below. Also enter any additional remarks in the space below. The data reported on this form are not considered to be confidential and will not be treated as such.

Supmit the completion application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 274,501. If there are any questions, call (202) 357-8585.

#### SPECIFIC INSTRUCTIONS

Section of NGPA	Category Code	Description
102	1	New OCS lease
102	2	New onshore well (2.5 mile test)
102	3	New anshare well (1000 feet deeper test)
11.3		Figur to import reservoir
11.7		New resource on old CCS isad
16.5	A MANUAL OF THE REAL PROPERTY OF THE PARTY O	New onthers producted wen
10/	0	Deep (more than 15,000 feet) high-cost gas
	1 1977 July 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Gas produced from geopressured brine
107	2	Gas produced from coal seams
107	÷ .	Gas produced from Devonian shale
10),		Frohubric is engencement, ga-
100		New tight formation gas
107	•7	Recompletion tight formation gas
108		Stripper weil
10:	7	Stripper well — seasonally affected
7(	,	Stripper well — ennanced recovery
163		fitipper well — temporary pressure buildup

1.	oter the appropriate inform	lation regarding other Purchasers/Contracts	
Lini	Contract Date (Mc, Lis, Yr) (c)	Purchaser (r)	b-iy≥r Code (c)
1	The state of the s		
2			
3			
÷			
į,			
6			

Remarks:

\* ...

### STATE OF WEST VIRGINIA

### DEPARTMENT OF MINES, OIL AND GAS DIVISION

SEP 15 1985

### COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: August 21, 1985 4650	AGENCY USF. ONLY
Applicant's Name: Berea Oil & Gas Corp.	WELL DETERMINATION FILE NUMBER
Address: P. O. Box 299	
Bridgeport, WV 26330	850822 -1030-001 - 2257
Gas Purchaser Contract No. N/A	Use Above File Number on all Communications Relating to This Well
Date of Contract 8 6 76  (Month, day and year)	
First Purchaser: Brooklyn Union Gas Company	Designated Agent: Thomas E. Riley, P.E.
Address: 195 Montague Street	Address: P. O. Box 299
(Street or P.O. Box) Brooklyn NY 11201	Bridgeport, WV 26330
(City) (State) (Zip Code) FERC Seller Code	FERC Buyer Code
NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERN BE ADDRESSED:	ING THIS APPLICATION SHALL
Name: Thomas E. Riley, P.E.	Manager of Engineering
Signature: homas & Ril	(Tiste)
Address: P. O. Box 299	
(Street or P.O. Box)  Bridgeport WV (City) (State)  Telephone: (304) 842-6931 (Area Code) (Phone	26330 (Zip Code) Number)
(Certificate of Proof of Service to Purch	aser)
NGPA Catagory Ap	plied 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  103 New Onshore Production Well XXX 103 New Onshore Production Well	108 Stripper Well Natural Gas  108- Stripper Well  108-1 Seasonally Affected  108-2 Enhanced Recovery  108-3 Temporary Pressure Buildup
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	AND THE TOTAL ONLY
AUG 22 1985	QUALIFIED 120/2023
DIVICION OF ONLOGAS DEPARTMENT OF ENERGY	

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

Date	Augi	ıst 21,		. 19 85
Opera Well	tor's No.	Casto	#1	
AFI W No. 4		001	-	2257

### WELL CLASSIFICATION FORM NEW ONSHORE PRODUCTION WELL

IIGIA Se	ction 103		
	DESIGNATED AGENT	Thomas E. Rile	ey, P.E.
	ADDRESS	P. O. Box 299	
		Bridgeport, WV	26330
WELL OPERATOR Berea Oil & Gas Corp.	LOCATION: Elevation	2203'	
Address P. O. Box 299	Watershed	Azzens Run	
Bridgeport, WV 26330	Dist. Valley	County Barbour	Quad Audra
CAS FURCHASER <u>Brooklyn Union Gas Comp</u> ADDRESS 195 Montague Street	Contract No.	N/A	
the spring and the separate property of the se	Heter Chart Code	N/A	
Brooklyn, NY 11201	Date of Contract	8/6/76	
Date surface drilling was begun: July 22,  Indicate the bottom hole pressure of the wel		* * * was calculated:	* * *
$BHP = PW (e^{GL/53.34T})$			
Where as: PW =     G =     L =     T =	574.73 psia .65 2015' 533°R	ВНР	604 psia

#### AFFIDAVIT

1. Thomas E. Riley , 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 application which is inconsistent with this conclusion.

Thomas & Riley

STATE OF WEST VIRGINIA.

COUNTY OF Harrison , TO WIT:

1. Hattie E. Kerns , a Notary Public in and for the state and county aforesaid, do certify that Thomas E. Riley, whose name is signed to the writing above, bearing date the 21st day of August . 1) 85 , has acknowledged the same before me, in my county aforesaid Given under my hand and official seal this 21stday of August , 1985. My term of office expines on the 3rd day of January , 19 93.

[HOTARIAL SEAL]

Lattie & Zerns

