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EXTRACTION RIGHTS Check and provide one of the following: Included is the lease or leuses or other continuing contract or contracts by which I hold the right to extract oil or gas. The requirement of Code 22-41-(c) (1) through (4). (See reverse side for specifics.) 22) ROYALTY PROVISIONS Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or 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 extract produced or marketed? Yes \(\) No \(\) If the answer is Yes, you may use Affidavit Form IV-60. 23) Required Copies (See reverse side.) 36) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the about a coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department Mines at Charleston, West Virginia. Notary: My Commission Expires OFFICE USE ONLY This require covering the well operator and well location shown below is evidence of permission granted to drift in accordance with the pertinent legal to the contract of the permit accordance with the pertinent legal to the permit of the pertinent legal to the permit covering the well operator and well location shown below is evidence of permission granted to drift in accordance with the pertinent legal to the pertinent legal to the pertinent legal to the pertinent legal to the permit legal to the pertinent legal to the permit covering the pertinent legal to the permit covering the permit covering the permit legal to the permit legal to the permit le	Liners
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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 specifies.) The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifies.) Sthe right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or 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 extract produced or marketed? Yes No No No No No	
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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 specifies.) 22) ROYALTY PROVISIONS Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or 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 extraproduced or marketed? Yes \[\] No \[\] If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60. 23) Required Copies (See reverse side.) (6) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the about maned coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department Mines at Charleston, West Virginia. Notary: My Commission Expires OFFICE USE ONLY Permit number 47-035-1879 OFFICE USE ONLY August 25, 1983 Date 09/08/2023 This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent less.	Check and provide one of the following:
ROYALTY PROVISIONS Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or 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 extract produced or marketed? Yes No	Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty of 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 extract produced or marketed? Yes No No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60. [If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60. [If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60. [If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60. [If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60. [If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60. [If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60. [If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60. [If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60. [If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60. [If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60. [If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60. [If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60. [If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60. [If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.	
similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil of gas so extra produced or marketed? Yes No	DOVALTY DECYLCIONS
produced or marketed? Yes No	2) ROTALLY PROVISIONS
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Permit number 47-035-1879 Fill INC PIECET August 25, 1983 Date 09/08/2023 This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent leg	Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well 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 produced or marketed? Yes No No The answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60. Required Copies (See reverse side.) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the De Mines at Charleston, West Virginia. Notary: Signed: Signed:
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	Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well 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 produced or marketed? Yes No No No In othing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60. 13) Required Copies (See reverse side.) 14) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the De Mines at Charleston, West Virginia. 15) Notary: 16) OFFICE USE ONLY 17) OFFICE USE ONLY

IV-9 (Rev 8-81)



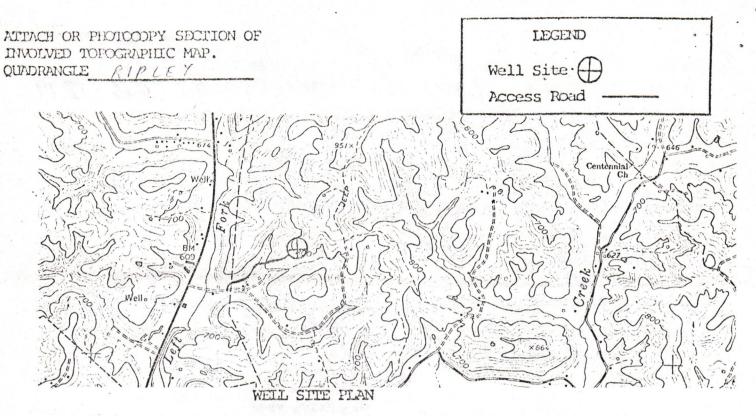
State of Mest Wirginia

API NO. 47 - 035 - 1879

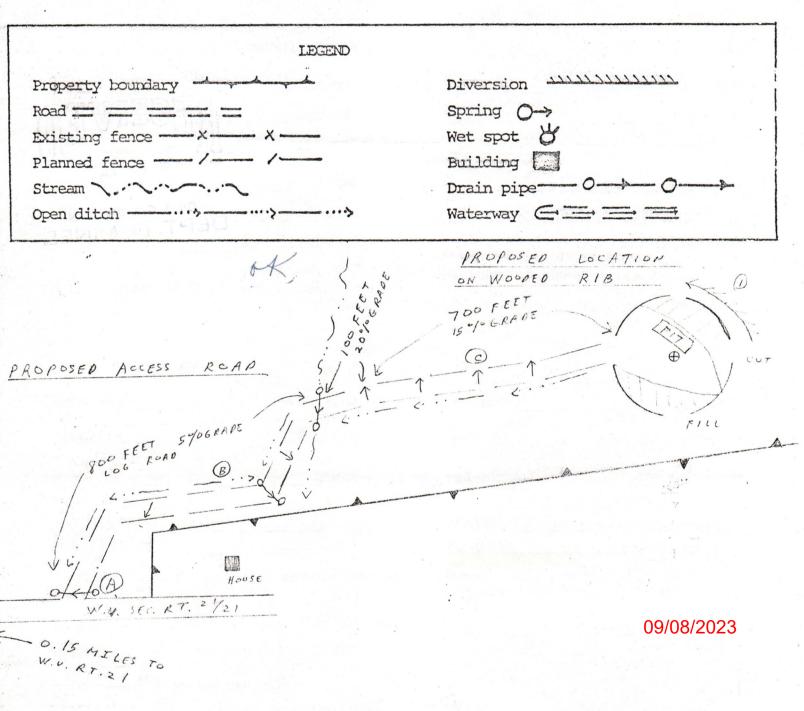
Pepartment of Mines Gil and Gas Pivision

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Kaiser Exploration and M		Address Same	
Address P. O. Box 8. Ravenswood.		Telephone	
Telephone 273-5371 LANDOWNER Wade Sallaz		SOIL CONS. DISTRICT Western	
		And the segretary conference and the segretar	mpn+1
		xploration and Mining Company (F	
This plan has been reviewed by		wesless SCD. All correction	ns
and additions become a part of this pl	an:	July 2. 1983	
	. 11	anne !! Alust	
	family deployed	(SCD Agent)	
ACCESS ROAD		LOCATION	
Structure Road Culvert	(A)	Structure Diversion Ditch	(1
Spacing 12", 12", 26" diameter		Material Earthen	
Page Ref. Manual 2:7		Page Ref. Manual 2:12	
	(71)	Chambellana	
Structure Drainage Ditch	(B)	Structure	
Spacing Farthen		Material MESSIV	15)
Page Ref. Manual 2:12		Page Ref. Manual	9
	(C)	JUL 1 2 198	3
Structure Cross Drains	(C)		-
Spacing 135', 45', 60'		Material OIL & GAS DIVIS Page Ref. Manual	ION
Page Ref. Manual 2:4		Page Ref. Manual	INE!
All structures should be inspecte commercial timber is to be cut and cut and removed from the site befor	stacked	arly and repaired if necessary. All and all brush and small timber to be work begins.	
, 1	REVEGETY	MITTON	
	REVIXELL		
Treatment Area I		Treatment Area II	
Lime 4 Tons/ac	re	Lime Same as Area I Tons	/acre
Fertilizer 14-14 600 lbs/acr (10-20-20 or equivalent)	e		acre
Mulch Hay 2 Tons/ac	re		/acre
Seed*81% Orchard Grass/15% Rydbs/acr		AND PROPERTY AND ADDRESS OF THE PROPERTY OF TH	acre
Kentucky 31 Fescue 161bs/acc		lbs/	acre
Red Clover 81bs/acr	е	lbs/	acre
*Inoculate all legumes such as vete Inoculate with 3X recommended comount.	h, trefe	oil and clovers with the proper bacteri	ion.
	== :: \	PREPARED BY Vincent Wood noinein	100
NOTES: Please remoet landounere		09/00/20	123
		ADDRESS 116 Pfost Avenue	
ecoperation to protect new			
seedling for one growing season. Attach separate sheets as		Ripley. WV25271	



ketch 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.



State of West Virginia

1) Date: July 8, ,19 83
2) Operator's Well No. KEM #443

3) API Well No. 47

State County Permit

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

	NOTICE	E OF APPLICATION FOR	R A WELL	WORK PERMIT	
	ACE OWNER(S) OF RECOR	RD TO BE SERVED	5(i)	COAL OPERATOR None	
	ddress 311 Church St		5(ii)	COAL OWNER(S) WITH DE	CLARATION ON RECORD:
		25271	, ,,	Name None	
(ii) N				Address	
A	ddress				
(iii) N	ame			Name	
	ddress			Address	
•					
			5(iii)	COAL LESSEE WITH DECL	ARATION ON RECORD:
F				Name None	
				Address	
	TO THE PERSON(S)	NAMED ABOVE: You should hav	e received th	is Form and the following document	ECENTICIA
	(1) The App. to be p. and desc cementir (2) The plat (3) The Cons plug a v	ication for a Well Work Perm lugged, which sets out the pa cribes the well and its locat as program; c (surveyor's map) showing th struction and Reclamation Pla	it on Form IV rties involve ion and, if a e well locati n on Form IV- n for erosion	-2(B) (or Form IV-4 if the well is d in the drilling or other work pplicable, the proposed casing are	JUL 1 2 1983
	THE DESCON !	TON FOR THE SITE AND ACCESS	road.	AVE RIGHTS REGARDING THE APPLICATE	OIL & GAS DIVISION
				AVE RIGHTS REGARDING THE APPLICATION OF THE COPY OF THE APPLICATION OF	PT. OF MINES
	erator proposes of for a Well Work I Department of Mir and depicted on a Construction and by hand to the pe	to file or has filed this Not bernit with the Administrator nes, with respect to a well a attached Form IV-6. Copies of Reclamation Plan have been m	ice and Application of the Office the location for this Notice ailed by regulublication in	a Code, the undersigned well op- cation and accompanying documents e of Oil and Gas, West Virginia n described on attached Applicatio , the Application, the plat, and t stered or certified mail or delive certain circumstances) on or	ine
	6) EXTRACTION RIG	HTS			
	☐ Included is I hold t	he right to extract oil or ga	as.	contract or contracts by which see reverse side for specifics.)	
	7) ROYALTY PROVIS	IONS			
	or other contr for compensation	act or contracts providing for	or flat well m	as based upon a lease or leases royalty or any similar provision which is not inherently related arketed? Yes No	
	If the you may use Af	answer above is No, nothing fidavit Form IV-60.	additional is	s needed. If the answer is Yes,	
	See the r tne requi Reclamati	red copies of the Notice and	structions, ar Application,	d for instructions concerning plat, and Construction and	
The t	ruth of the informati	on on the	WELL		
	and Application is		and the second s	ATOR Kaiser Exploration	and Mining Company
	form to and the Notic			1 C	Lunu Pitting williamy
	on behalf of the We		By .	RATA	
	County and State by		Its	deneral manager	
R. A	. Pryce		Add	dress P. O. Box 8.	(30.00)
-	day of July	, 198 3		Ravenswood, WV	26164
My	commission expires	JUNE 6,1988	Te	Lephone 304 273 5371	
,	14/2011				
Not	ary Public, Jackson	County,			09/08/2023

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 § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
 - 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
 - 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
 - 7) See Code § § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-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 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:

Grantor, lessor, etc. Grantee, lessee, etc. Royalty Book Page

Kaiser Exploration and Mining Co. Wade O. Sallaz

1/8 of prevailing 168/16 field price

AFFIDAVIT OF PERSONAL SERVICE
STATE OF WEST VIRGINIO :
The undersigned, being first duly sworn, says that the undersigned served a copy of (1) Notice of Application, (2) "Surface Owner's Copy" Application for a Well Work Permit, (3) plat showing well location (Form IV-6), and (4) the Construction and Reclamation Plan (Form IV-9) for operator's Well No. District, Sold County, West Virginia, upon the Sold (him, her, them) the copies in Sold (him, her, them) the day of Sold (him, her, them)
Taken, subscribed and sworn before me this 11th day of July , 1983.
My commission expires 2/18/86
Stephen Canai
Notary Public
(IF NOTARIZED OUTSIDE THE STATE AFFIX SEAL)



OIL & GAS DIVISION
DEPT. OF MINES

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SURF'ACE	CAMMEN	5	COLI

1)	Date: July 8	1983
	Operator's	
/	Olytracor 2	

Well No. KEM #443

3) API Well No. 47

State County Perm

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OFFICE OF OIL & GAS

		•			- A Admin	01	man, orr.			
				A	PPLIC	CATIC	ON FOR A WELL	L WORK PERMI	<u>T</u>	
	WELL TYP	В.	(If "G	as", P	rodu	ction	X / Under	groung stor	age/ Deep	/ Shallow X /
5)	LOCATION	Di	evation	: /9 : Rip	ley		Watersh County:	Jackson	ork n Quadran	gle: Ripley
6)	WELL OPE	RATOR K	<u>aiser</u>	Explorox 8	atio	n and	Mining Co.	/) DESIG	n Quadran NATED AGENT ess	R. A. Pryce Same
	OIL & GA Name <u>Ho</u> Address	S INSP omer Do Linde Loone	ughert n Rt., yville	Box 3	A	FIED		Name Add	ING CONTRACTO Clint Hurt 8 ress P. O. Bo Elkview,	Assoc. 0x 388
10)	PROPOSED	WEIL I	WORK: I	Drill_	<u>X_/</u>	Dril	l Deeper_/	Redrill Perforate	/ Stimulate new formation	/
							change in we			11/
	12) Estim	ated d ximate ximate	epth of water coal s	f compl strate seam de	Letec	d wel	Fresh,	depth of e feet;	xisting well) salt, eing mined in	
•••	CASING OR	1	SPE	CIFICATION	rs.		FOOTAGE	INTERVALS	CEMENT FILL-UP	PACKERS
_	TUBING TYPE	Size	Grade	Weight per ft.	tien	Used	For drilling	Left in well	OR SACKS (Cubic feet)	
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	Coei]	<u> </u>				230	230		
-	ntermodiate	7"			X		2240	2240	65 sks 50/50 100 sks class	
-4	roduction	4 1/	2"		X		4913	4913	225 sks 50/50	DPO-ZM1X
-	iners									Perforations:
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of Per Rec tho	this App Applicat mit on F clamation erein. I furt	lication for orm IV- Plan o	on for a Well-2(B), on Form	a Well 1 Work (3) a 1 IV-9, at I ha	Work Per surv all	k Permit of Pey portion for the contract of th	rmit, and the conform IV-2 lat on Form proposed we jection to the conformation to the conformation in the	at I have re (A), (2) an IV-6, and (4) 11 work on m he planned w	eceived copies Application f) a Construct ny surface lan	of (1) a Notice For a Well Work
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NAM				***************************************				Mad	ignature)	ellaDate:7-8-85
	Ву							£ (b.	1 5D.	
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Oll & GAS DIVISION DEPT. OF MINES

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.) Permit will be good for 24 months. See Chapter 22, Article 4 of the W. Va. Code:

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, WV 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 personally served or mailed to you on or before the date the operator files his Application. You have FIFTERN (15) DAYS after the filing date to file your comments as provided in Methods for Filing Comments below. (This time is changed to FIVE (5) DAYS from the filing date if the penuit is only to plug a well.) 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 penuit may be issued at any time.

Comments must be in writing. Your comments should 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.

09/08/2023

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IV-35 (Rev 8-81)



State of West Wirginia

Department of Alines Gil und Vas Division

					1 - 1-11	
Date	March	6.	1984			
Opera	tor's			53/4		
Well I	No.	Kem	443			-
Farm	Sallaz					_
APT N	o. 47 ·	- 03	35	_	1879	

OIL & GAS DIVISION DEPT. OF MINES

WELL OPERATOR'S REPORT

DOTT T THE	CONCERN TO TAKE	AND IOD	STIMULATING,	OD	DHYSTCAT.	CHANCE
DRULLING.	FRACTURING	MADIOK	21 Thints of The	OIL	FIIITATOM	CILLIAGE
	The state of the s	CONTRACTOR OF THE PERSON NAMED IN COLUMN TWO		Contract of the Party of the Pa	The same of the sa	

OCATION: Elevation: 795' Watershed_	Left Fork			
District: Ripley County Jac	ckson	Quadrangl	e Riple	ey
		1		
COMPANY Kaiser Exploration and Mining Company				
DDRESS P. O. Box 8. Ravenswood, WV · 26164	Casing	Used in	Left	Cement fill up
ESIGNATED AGENT R. A. Pryce	Tubing	Drilling	in Well	Cu. ft.
DDRESS Same	Size			
URFACE OWNER Wade O. Sallaz, et al	20-16 Cond.			The state of the s
DDRESS 311 Church Street, Ripley, WV 25271	13-10" 3/	4	302	200 sks C 3% Cacl (
INERAL RIGHTS OWNER Same ".				
DDRESS Same	8 5/8			
OIL AND GAS INSFECTOR FOR THIS WORK Homer	7		2255'	100 sks 50 mix. 100
Ougherty ADDRESS Linden Rt., Box 3A, Look	ney 5 1/2			A
PERMIT ISSUED August 25, 1983	4 1/2		4325'	200 sks 50 mix 10%
ORTILING COMMENCED 11/09/83	3			1/2#/sk g
DRILLING COMPLETED 11/15/83	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED IN	Liners used			
	The state of the s			•
1		Dep	h 4243	feet
1				feet
Depth of completed well 4325 feet				feet
Depth of completed well 4325 feet Water strata depth: Fresh feet; Coal seam depths: None	Rotary X Salt Is coal	_/ Cablefeet	e Tools_	feet
Depth of completed well 4325 feet Water strata depth: Fresh feet; Coal seam depths: None	Rotary X	_/ Cablefeet	e Tools_	
Depth of completed well 4325 feet Water strata depth: Fresh feet; Coal seam depths: None Dri	Rotary X Salt Is coal Iled on flui	/ Cable	ed in the	area?_No_
Depth of completed well 4325 feet Water strata depth: Fresh feet; Coal seam depths: None	Rotary X Salt Is coal lled on flui	/ Cablefeet	ed in the	area? No feet
Depth of completed well 4325 feet Water strata depth: Fresh feet; Coal seam depths: None Dri Depth of completed well 4325 feet Water strata depth: Fresh feet; Coal seam depths: None Dri Dri PEN FLOW DATA Producing formation Brown SHale	Rotary X Salt Is coal lied on flui Pay Oil: Ini	/ Cablefeet being mine id - not ki zone dept tial open	ed in the nown. ch 4243 flow	area?_No feet Bbl/d
Depth of completed well 4325 feet Water strata depth: Fresh feet; Coal seam depths: None Dri DEPEN FLOW DATA Producing formation Brown SHale Gas: Initial open flow Mcf/d	Rotary X Salt Is coal lled on flui Pay Oil: Ini	/ Cablefeet being mine id - not kn zone dept tial open al open fi	ed in the nown. th 4243 flow	feet Bbl/d Bbl/d
Depth of completed well 4325 feet Water strata depth: Fresh feet; Coal seam depths: None PEN FLOW DATA Producing formation Brown SHale Gas: Initial open flow Mcf/d Final open flow *see below Mcf/d	Salt Is coal led on flui Pay Oil: Ini Fin	/ Cable feet being mine id - not ke zone dept tial open al open fi	ed in the nown. ch 4243 flow d ho	feet Bbl/d Bbl/d
Depth of completed well 4325 feet Water strata depth: Fresh feet; Coal seam depths: None PEN FLOW DATA Producing formation Brown SHale Gas: Initial open flow Mcf/d Final open flow *see below Mcf/d Time of open flow between initial open flow between i	Salt	/ Cable feet being mine id - not ke zone dept tial open al open fi	ed in the nown. ch 4243 flow d ho	feet Bbl/d Bbl/d
Depth of completed well 4325 feet Water strata depth: Fresh feet; Coal seam depths: None PEN FLOW DATA Producing formation Brown SHale Gas: Initial open flow Mcf/d Final open flow *see below Mcf/d Time of open flow between initial static rock pressure 1100 psig(surfate)	Rotary X Salt Is coal led on flui Pay Oil: Ini Fin tial and fi	/ Cablefeet being mine id - not ki zone depi tial open al open fi nal tests ent) after	ed in the nown. ch 4243 flow 4 house hour	feet Bbl/d Bbl/d Bbl/d wrs
Depth of completed well 4325 feet Water strata depth: Fresh feet; Coal seam depths: None Dri Depth of completed well 4325 feet Water strata depth: Fresh feet; Coal seam depths: None Dri Dri Dri Dri Dri Dri Dri Dr	Rotary X Salt Is coal led on flui Pay Oil: Ini Fin tial and fi ace measurem on) one Pay Oil: Ini	/ Cable feet being mine id - not ki zone dept tial open al open fi nal tests ent) after zone dept tial open	et Tools_ed in the nown. ch 4243 flow	feet Bbl/d Bbl/d Bbl/d Bbl/d Bbl/d Bbl/d
Depth of completed well 4325 feet Water strata depth: Fresh feet; Coal seam depths: None Dri DPEN FLOW DATA Producing formation Brown SHale Gas: Initial open flow Mcf/d Final open flow *see below Mcf/d Time of open flow between initial open flow psig(surfation) Static rock pressure 1100 psig(surfation) (If applicable due to multiple completion) Second producing formation Berea Sandston	Rotary X Salt Is coal led on flui Pay Oil: Ini Fin tial and fi ace measurem on) one Pay Oil: Ini	/ Cable feet being mine id - not ki zone dept tial open al open fi nal tests ent) after zone dept tial open	et Tools_ed in the nown. ch 4243 flow	feet Bbl/d Bbl/d Bbl/d Bbl/d Bbl/d Bbl/d
Depth of completed well 4325 feet Water strata depth: Fresh feet; Coal seam depths: None Depth DATA Producing formation Brown SHale Gas: Initial open flow Mcf/d Time of open flow between initial open flow psig(surface) (If applicable due to multiple completion second producing formation Berea Sandston Second producing formation Second producing formation Berea Sandston Second producing formation Bere	Rotary X Salt Is coal led on flui Pay Oil: Ini Fin tial and fi ace measurem on) one Pay Oil: Ini Oil: Fin	/ Cable feet being mine id - not ke zone dept tial open al open fi nal tests ent) after zone dept tial open al open fi	et Tools_ed in the nown. ch 4243 flow	feet Bbl/d Bbl/d Bbl/d Bbl/d Bbl/d

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

Perfed Brown Shale (lower) 3855-4243', 20 holes, 0.41" diameter. Young Wireline. 11/22/83:

Foam frac Lower Brown Shale w/60,000# 20/40 sand, 75% quality foam 040 BPM. 316 BBL H₂O, 600 MSCF N₂. Perf upper Brown Shale 3549-3746', 20 holes, 0.41" diameter. (YOUNG). Foam frac upper Brown Shale with 60,000# 20/40 sand, 75% quality foam 0 40 BPM 316 BBL H₂), 669 MSCF N₂. Perf Berea Sandstone with 18 holes, .41" diameter, 2475-2481'. Foam frac Berea SAndstone with 60,000#, 20/40 sand, 75% quality foam 016 BPM, 316 BBL H₂O, 650 MSCF N₂. Nowsco and B.J. Hughes did frac work. 2/23/84:

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Shale Sandstone Shale Sandstone and Shale Shale Sandstone and Shale Shale Sandstone and Shale Greenbrier Lime Shale Pocono Big Injun Shale Coffee Shale Berea Sandstone Shale Brown Shale Shale	0 190 390 592 650 841 1052 1194 1555 1740 1891 1998 2037 2126 2453 2426 2433 3707 4243	190 390 592 650 841 • 1052 1194 1555 1740 1891 1998 • 2037 2126 2453 2426 2433 3707 4243 4357	T.D.

(Attach separate sheets as necessary)

lik	iser Exploration and Mining Com	DAILY
me	T Operawi	and the state of t
By:	VA.Va-	09/08/2023

Regulation 2.02(i) provides as jollows: "The term 'log' or 'vell log' shall mean a systematic detailed geological record of all formations, including eval, encountered in the drilling of a well.

Permit No. 035 1879

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



OIL & GAS DIVISION

DEPT. OF MINES

Permit No. 233 /	0 / /			to the same of the	Oil o	Gas Well	
Company Man	ser Epples	ca Tion	CASING AND TUBING	USED IN DRILLING	LEFT IN	PAC	KERS
Address			Size				
Farm Sallar	2 ************************************		16			Kind of Pa	cker
Well No			13	8			
District		Sackson	10			Size of	-
Drilling commenced		24 - 20 - 20 - 20 - 20 - 20 - 20 - 20 -	8½ 65/8			Depth set_	
Drilling commenced	11 703		5 3/16	in the second of the second			
Drilling completed	Total dep	oth	3			Perf. top_	
Date shot	Depth of shot		2			Perf. botto	m
Initial open flow	/10ths Wat	er inInch	Liners Used			Perf. top	
Open flow after tubing_	/10ths Mer	c. inInch				Perf. botto	m
Volume		Cu. Ft.	CASING CEMEN	NTED	SIZE	No. FT	Date
Rock pressure	lbs	hrs.	NAME OF SER				
011	bì	ols., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	FEET	INCHES
		, and the said of					
Salt water							
Drillers' Names							
Remarks: Mo	virb Ri	g Toda			net to the designation of the section of the sectio		

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

COMPANY			ADDRESS	7.41			
ARM	OUNTY						
illing Material Used							
iner Lo	cation	Amount					
PLUGS USED A	ND DEPTH PLACED		BRIDGES	CASING AND TUBING			
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOS	
			30 8 1 20 00				
				5 12 Y. V.			
,							
					-		
	,						
			And the second s				
		ACHEEN TO	A Commence of the Commence of				
And the second second			The state of the s				
illers' Names							
illers' Names		,			ar Company of District Annual Sections		
marks:							
			re well on this date.				

Permit No. 035 1879

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



OIL & GAS DIVISION INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 1/13 /2	8.2./		Oil or Gas Well				
Company Kgiser	Exploration	N	CASING AND TUBING	USED IN DRILLING	LEFT IN	PA	CKERS
Address			Size				
Farm Sallaz			16			Kind of P	acker
Well No			13		1		
District			81/4			Size of	
Drilling commenced			6%			Depth set	
			5 3/16				
Drilling completed	Total dept	th	3			Perf. top_	,
Date shot	Depth of shot.		2			Perf. bott	om
Initial open flow	/10ths Wate	er inInch	Liners Used			Perf. top_	
Open flow after tubing	/10ths Merc	. inInch				Perf. botto	om
Volume		Cu. Ft.	CASING CEMEN	NTED	_SIZE	No. FT.	Date
lock pressure	lbs	hrs.	NAME OF SER	VICE COMPA	NY		Word Lawrence Control of the Control
)il	bbl	ls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	FEET	INCHES
resh water	feet	feet	FEET_	INCH	ES	FEET	INCHES
alt water	feet	feet	FEET_	INCH	ES	FEET	INCHES
rillers' Names						,	
emarks:	RAN 797	15 10 3/1	C55 291.1	85° of ot	30/851	4h (2	2 A
	Halleb	utin H	305Ks C/c	559 2/6	14.90	r localy	9



State of West Birginia

Department of Mines Gil and Gas Bivision

Charleston 25305

FINAL INSPECTION REPORT INSPECTORS COMPLIANCE REPORT March 27, 1984

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777	AUG 2		4

DEPT. OF MINES

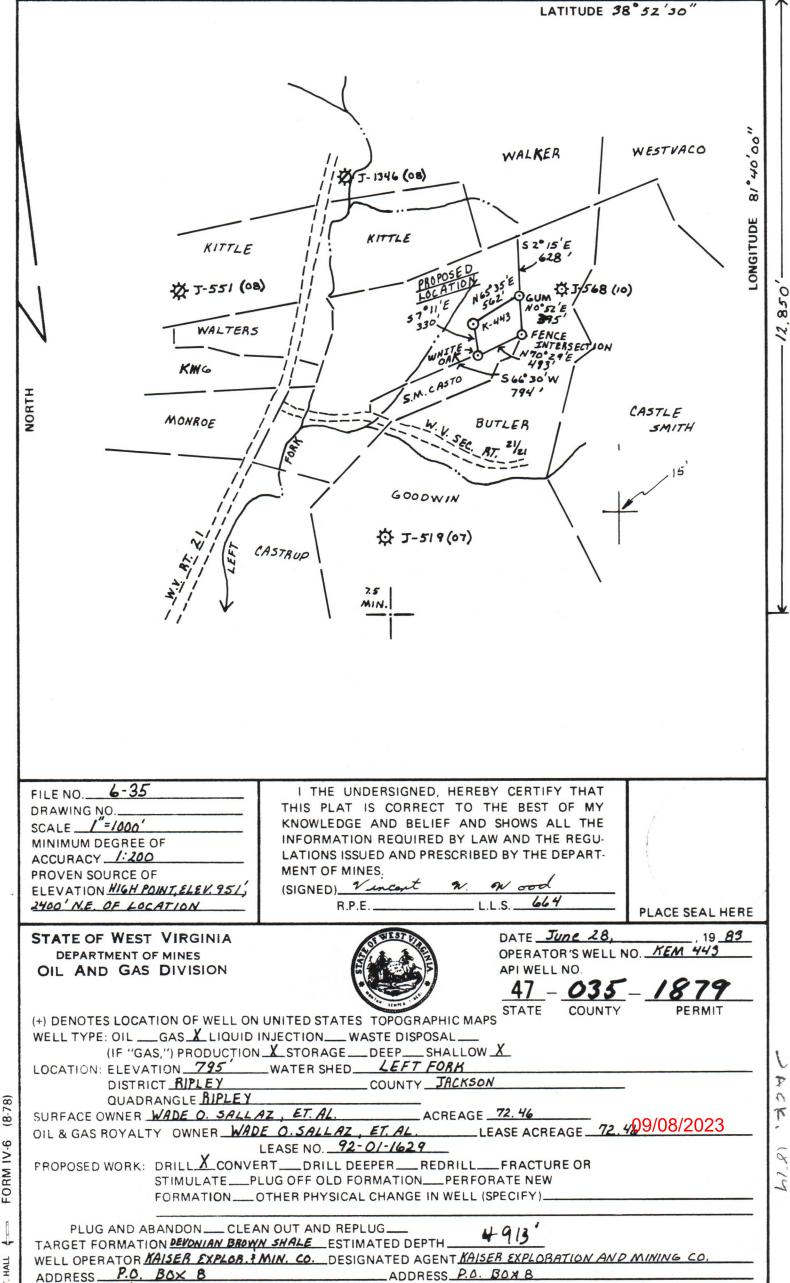
	O. Box 8	FARM & WELL	NO _ Sallaz, #KEM	443
Rav	venswood, West Virginia 26164	DIST. & COU	NTY Ripley/JAc	kson
			IN COMPLIANCE	
RULE	DESCRIPTION		YES NO	
3.06	Notification Prior to Starting Work		<u> </u>	
25.04	Prepared before Drilling to Prevent	Waste		
25.03	High-Pressure Drilling			
6.01	Required Permits at Wellsite		Х	
15.03	Adequate Fresh Water Casing		Х	
15.02	Adequate Coal Casing			
15.01	Adequate Production Casing			-
15.04	Adequate Cement Strength		X .	
15.05	Cement Type			
23.02	Maintained Access Roads		X	
25.01	Necessary Equipment to Prevent Wast	:e	<u> </u>	
23.04	Reclaimed Drilling Pits		<u> </u>	
23.05	No Surface or Underground Pollution		<u> </u>	
23.07	Requirements for Production & Gathe	ring Pipelines	<u> </u>	
16.01	Well Records on Site			
16.02	Well Records Filed			
7.05	Identification Markings			
HAVE	INSPECTED THE ABOVE CAPTIONED WELL AN	ND RECOMMEND THA	T IT BE RELEASED:	
		SIGNED	Jean Lep	labo
		DATE	82484	7
Your we	ell record was received and reclamation	on requirements	approved. In accor	rdanc
with Ch	napter 22, Article 4, Section 2, the a	above well will	remain under bond	

Administrator-Oil & Gas Division

September 12, 1984

DATE

coverage for the life of the well.



8-23-82

7,850

26164

BAVENSWOOD, WV.

H. T. HALL

, W.V.

26164

BAVENSWOOD