FILE COPY



1)	Date:_	January	30	, 19	84
-,	Dute	0 0			0.

2) Operator's Well No. KEM #161

3) API Well No. 47 - 035 - 1825-RI State County Permit

RENEW

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

4) WELL TY					JUS (JEANY) VO			
								_/ ShallowX/)
5) LOCATIO		vation: _	The second of the second				Creek	
				ey			Quadrangle:	
					n & Mining Co.			Pryce
Address	·		Box 8		5164	Address	Same	
a) au 1 a a 1	C INICIDEC				0104	9) DRILLING C	ONTRACTOR.	
8) OIL & GA	SINSPEC	Naher	BE NOTH	FRR	TEPHABOLK	Name C1		
Address	DMCI DC	a and	30 30	Linder	A PT	Address	P. O. Box 3	388
Address		dnew	illa I	NY F	RIPLEY, W.V.	25271	Elkview, W	
(0) PROPOSE				X /		/ Redrill		PARTANTA
iu) PROPOSE	D WELL	WORK.			nation/ Perfe			COUNTY OF THE
					ange in well (specify)		11/6	ועופ
1) GEOLOGI	CAL TAR	GET FOR			onian Brown Sh			FEB 1 6 1984
					212 fee			
					feet; sa	ılt,	feet. OI	L & GAS DIVISION
14) Appro						coal being mined in th	e area? Yes DE	T. OF MINES
(5) CASING	AND TUBI	NG PRO	GRAM					
CASING OR	1	SPEC	IFICATIONS	S	FOOTAGE	E INTERVALS	CEMENT FILL-UP	PACKERS
TUBING TYPE	Size	Grade	Weight per ft.	New U	sed For drilling	Left in well	OR SACKS (Cubic feet)	
Conductor								Kinds
Fresh water	10 3/4	11		X	450	450	450 3kg clas	s A to surface
Coal							65 ckc 50/50	Sizes
Intermediate	7"			X	2560	2560	650 sks 50/50	
Production	4 1/2	11		X	5212	5212	225 sks 50/	Deptoszmix
Tubing		222			USE ONLY	TYTHO		
Liners								Perforations:
		amaiba	toni gri-	notlot v	na hira zečha uroso	dates of certain	alt breast of a fr	Top Bottom
100	MeC					atof		
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		(e) Haji ug	OFFICE USE	ONLY		parison troitest activity
					DRILLING P			
	, -	005 10	05 PE	•			W1 00	well work started
Permit number_	4/-	035-18	325-REN	V		<u> </u>	March 28	
								Completion of the drills
								ce with the pertinent legal re- l and Gas Inspector, (Refer to
No. 8) Prior to 1	the construc	ction of ro	ads, locat	ions and pi	its for any permitted wo	rk. In addition, the	well operator or his con	tractor shall notify the proper
listrict oil and g	as inspecto	r 24 hour	s before a	ctual perm	itted work has commend	ced.)		s watters aproport have
	ork is as de	escribed in	the Notic	e and App	lication, plat, and reclaim	mation plan, subject	to any modifications a	nd conditions specified on the
everse hereof.	Mar	ch 28	1986					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Permit expires _	Hai	CH 20;	1700		unless we	ell work is commence		prosecuted with due diligence.
								THER INSPECTIONS
Bond:	Agen	ti	Plat:	Casing	Fee			
BLANKET	V	0 1	nU	mil	129		-00	Reason:
	1		1,	1/13	001		11/1	1
						Adr	ninistrator, Office of O	oil and Gas

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

File

Administrator, Office of Oil and Gas





	172/513/5 ASS	FICE USE ONLY	SHRW.		
	FICATIONS AND CONI	경영하는 그 없는 사람이 아니라 아니라 하는 것이 없는데 없다면 하다 없다.			ORK LIEW (
(\ \ Similow (\)		Vatershed:		B (II "Oas"; Produ- Elevation:	
5,103	Ignerbago Opadranel				
	DESIGNATED AGENT 2.			TOR LETSER LX	6) WELL OPERA
				SOUTH STANSON	Address
	DRILLING CONTRACTOR: Name Lifts LULS	TEPHASOUK "	Lasiation Contraction	PLOTOR TO BE NO	8) OIL & CAS IN Name ***
X X	Address Y. v. o.c	PLEY, WIN 25	R		Address
MECELLANGE IN	Redrill Simul	ill deeper		BLL WORK Did	OV. PROPOSED W
1113 200001	new formation	on / Perturate			
W. Z					
FEB 1 6 1984	1 dett			TARGETFORMALI	1) GEOLOGICAL
OIL & GAS DIVISION					
				terral adopted fresh	
EPT. OF MINES	ingunited in the area? Year				
				TUBING PROGRAM	
OP FACKERS	SYCA SO III	ATTRI SOATONE 3		SPECIFICAL A Well	CASONO OR TURNING 19PK
	Ren ti 16s.	gailling so fig.	Seed every 1.1	size Crude pur	
	err	ALL			
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				STATE OF T	
	OF	FICE USE ONLY			smiğu
					7 ₂ 2 27984
This part of Form IV-2(b) is	s to record the dates of cer	rtain occurrences and	any follow-up	inspections.	
	Date				Date(s)
Application received		Follow-up in	nspection(s)		
		DRUGING PERM			
Well work started			,,		
	rionali a series de la companya della companya della companya de la companya della companya dell			25 5 6 8 1 - 5 6 0 - 1 W	ermit namber
Completion of the drilling process mentioned and the way and the last hand and hand last her	ouse of little of between notesime	vi belaw is credence of p	well localion sho	the well operator and	
Well Record received	addition, the well operator or his	or an equation with in a large of the commenced.)	d affer by a smoltage	it sheet to gultainten	
Reclamation completed	plan, sabject to any mounfication	tion, pl., and redamation	otice and, Applica		he permitted work i verse hereof.
and prosecuted with due diffactice.	k is commenced prior for that date	to Allow egolate		March 2 , 19	
OTHER INSPECTIONS					
		30-1	Casing	Agenti Plat:	beed
Reason:			11 ors	LVAN CON	DAMAIS
	1 / Toman	V. 0.3	TEALT	4(11)	
Reason:	1 1 1				

to the same of the

1) Date: January 30

2) Operator's Well No.

KEM #161 3) API Well No. 47 - 035

State County Permit

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

RENEW

		NOTICE OF APPLICATIO	N FUR A	WELL V	WORK PE	ERMIT		
	Name James	(S) OF RECORD TO BE SERVED S W. & Margaret E. Smith		5(i)	COAL C	OPERATOR_	None	
(ii)	Address Rt R Name Address	t. 3, Box 151 ipley, WV 25271	860 4	5(ii)	COAL C Name Addr	None	WITH DECLARATION	ON RECORD
(iii)	Name				Name_ Addr	cess		
	-			5 (iii)	COAL I Name_ Addr	None	ITH DECLARATION O	N RECORD:
	7	TO THE PERSON(S) NAMED ABOVE: You show (1) The Application for a Well Wor					/ing documents:	

to be plugged, which sets out the parties involved in the drilling or other work. and describes the well and its location and, if applicable, the proposed casing and cementing program;

(2) The plat (surveyor's map) showing the well location on Form IV-6; and

(3) The Construction and Reclamation Plan on Form IV-9)unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

6) - EXTRACTION 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 specif

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

OIL & GAS DIVISION If the answer above is No, nothing additional is needed. If the answer is Yes, use Affidavit Form IV-60. you may use Affidavit Form IV-60. I'I. OF MINES

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 CHACK OF THE THOMBETON ON T	16
Notice and Application is verified	l
and sworn to and the Notice is	
signed on behalf of the Well Opera	tor
in my County and State by	
R. A. Pryce	
this day of Johnson,	19 8
My commission expires 8/30	1993
Donner (Bann	
Notary Public, Jackson Col	ntv

State of West Virginia

The truth of the information on the

WELL	
OPERATOR Kaiser Exploration	and Mining Compan
By RA.P.	
Its General Manader	
Address P. O. Box 8	
Ravenswood, WV	26164
Telephone 304 273 5371	,

FEB 1 6 1984

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-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, 22-4-2a, 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

23/11/N 30 James W. Smith

Kaiser Exploration and Mining Company

1/8 of prevailing 165/19 field price

IV-9 (1924 8-01)



DATE	Man	ch	31		1	983		-
LICTT	112			11 3	_			

State of Mest Wirginia

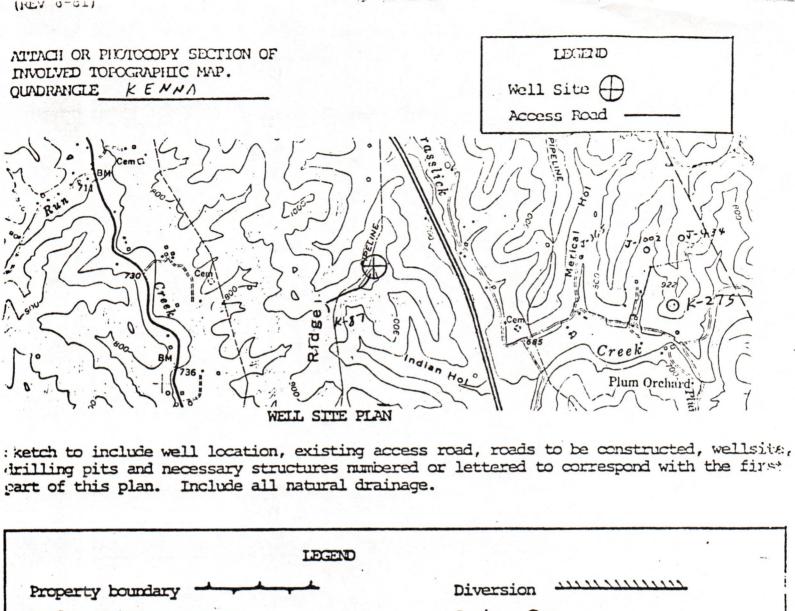
WEIL NO. KEM #161

API NO. 47 - 035 - 1825-Ren

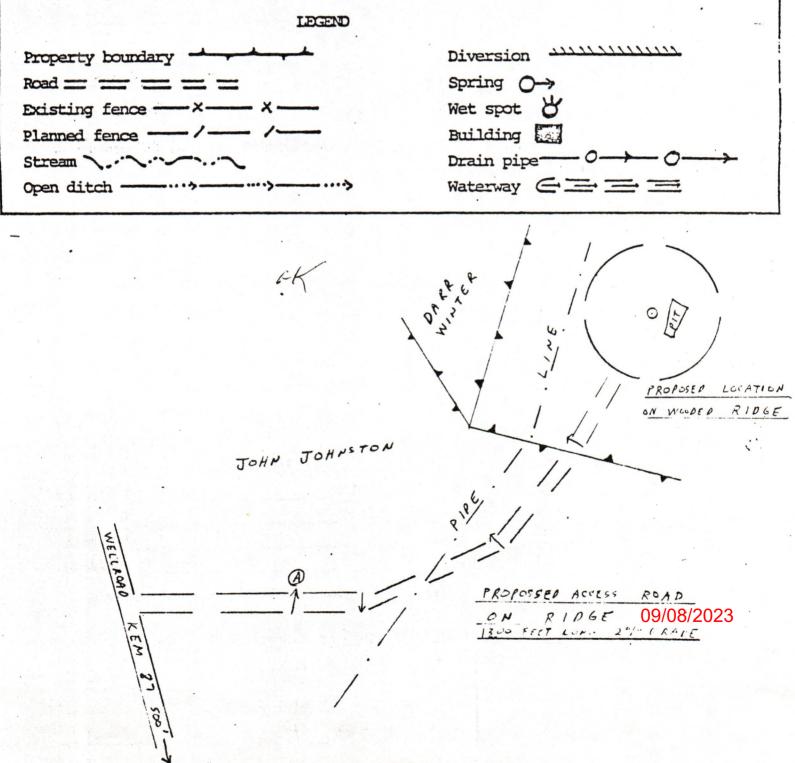
Department of Mines Bil und Cas Bivision

CONSTRUCTION AND RECLAMATION PLAN

CXPANY NAME Kaiser Exploration and M	ining Cop	ESIGNIED AGENT Same
Address P. O. Box 8. Ravenswood.		64 Address
Telephone 273-5371		Telephone
LANDOWNER James Smith		SOIL CONS. DISTRICT Western
Revegetation to be carried out by K	aiser Exp	loration and Mining Company (Agent
This plan has been reviewed by	1	& SCD. All corrections
and additions become a part of this pla	-,	in 31 1981
	1	(Date)
	the sin	(SCD Agent)
ACCESS FOAD		LOCATION
Structure Cross Drains	(A)	Structure None required (
Spacing . 250'		Material
Page Ref. Manual 2:4		Page Ref. Manual
rage ser. Panar 2,4		
Structure	(B)	Structure RECEIVE
Spacing		Material APR 6 - 1983
	•	
Page Ref. Manual		Page Ref. Manual OIL AND GAS DIVISIO
Structure	(C)	Structure
Spacing		Material
Page Ref. Manual	nr#	Page Ref. Manual
All structures should be inspected commercial timber is to be cut and s	regularly	y and repaired if necessary. All GELL
cut and removed from the site before	dirt work	k begins. FEB 1 6
		OIL & GAS I
of R	EVECETATIO	DEPT. OF
Treatment Area I		Treatment Area II
Lime 4 Tons/acr	e	Lime Same as Area I Tons/acre
or correct to pH_		or correct to pH
Fertilizer 14-14-14 600 lbs/acre (10-20-20 or equivalent)		Fertilizer lbs/acre (10-20-20 or equivalent)
Mulch Hav 2 Tons/acc	e	Mulch Tons/acre
Seed* 81% Orchard Grass/15% Ryabs/acre		Seed* lbs/acre
Kentucky 31 Fescue 16 lbs/acre		lbs/acre
Red Clover 8 lbs/acre		lbs/acre
	, trefoil	and clovers with the proper bacterium.
	2014 22	09/08/202
	*V ****	FARED BY Vincent Wood
cooperation to protect was	E State State	ADDRESS 116 Prost Avenue
seedling for one growing season.		_Ripley, WV 25271
necessary for comments.		
10000111 7 707 COMME 17001		SONE NO. 372-2709



drilling pits and necessary structures numbered or lettered to correspond with the first



IV-9 (Rev 8-81)



DATE April 13, 1984

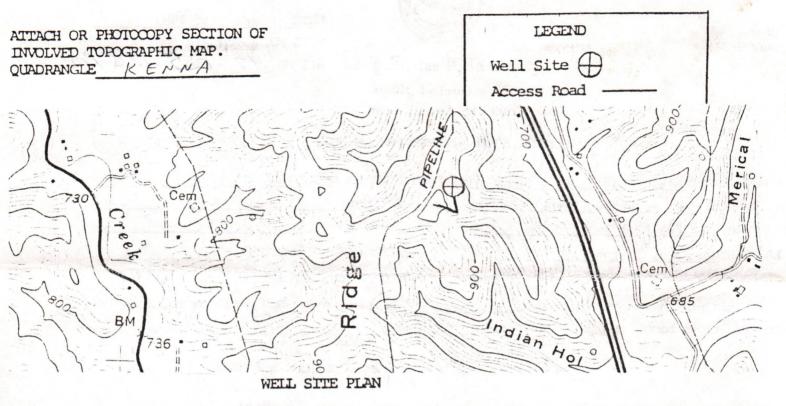
State of Mest Wirginia

API NO. 47 -035-1825-Rev.

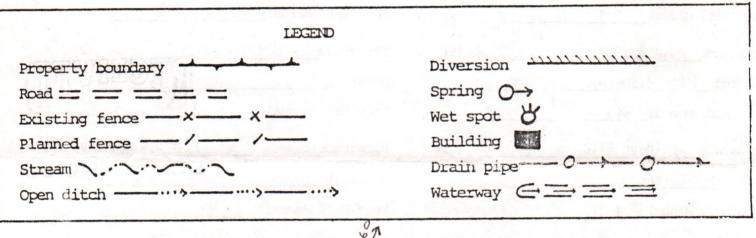
Department of Mines Gil und Gas Bivision

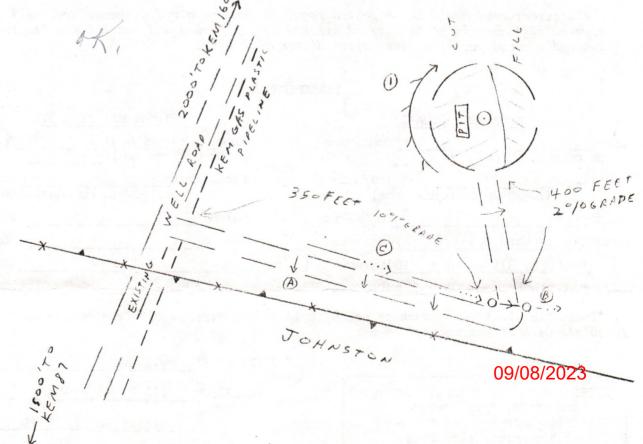
CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Kaiser Exploration and M	ining Copi	ESIGNATED AG	ENT R. A. Pryce	
Address P. O. Box 8. Ravenswood.			Same	
Telephone 273-5371		Telephone	• • • • • • • • • • • • • • • • • • • •	
LANDOWNER James Smith	-	SOIL CONS.	DISTRICT Wester	'n
Revegetation to be carried out by K	aiser Expl	oration and	Mining Company	(Agent)
This plan has been reviewed by	We	stem	SCD. All corr	rections
and additions become a part of this pla	an: A	pv 17	1984	
	Ma	(Date)	11/1	
	10000	(SCD Agen	t) highes	
ACCESS ROAD			LOCATION	
Structure Cross Drains			Top diversion dito	:h(1)
Spacing 80', 250'		Material		
Page Ref. Manual 2:4		Page Ref	Manual 2:12	
Page Rei. ranual 2:4		rage next.	2.12	
Structure Road Culvert	(B)	Structure		(2)
Spacing 12" diameter		Material_	D	FCETA
Page Ref. Manual 2.7		Page Ref. 1	Manual	JUN 6 - 1984
Structure Drainage Ditch	(C)	Structure		PT. OF MIN
Spacing Earthen		Material_	Le lines I	TI. OF WIII
Page Ref. Manual 1:12		Page Ref. 1	Manual_	
'All structures should be inspected commercial timber is to be cut and s	stacked and	d all brush	ed if necessary. A and small timber to	lll b be
cut and removed from the site before	e dirt work	begins.		
212	REVEGETATIO	NI.		
Lime Treatment Area I 4 Tons/acr			reatment Area II as Area I	Tons/acre
or correct to pH	Le	AND ADDRESS OF THE PARTY OF THE	ect to pH	
Fertilizer 14-14-14 600 lbs/acre (10-20-20 or equivalent)	2	Fertilizer	(10-20-20 or equiva	lbs/acre
Mulch Hay 2 Tons/acc	re	Mulch	,	Tons/acre
Seed* 81% Orchard Grass/15% Rydbs/acre		Seed*		_lbs/acre
Kentucky 31 Fescue 161bs/acre				lbs/acre
Red Clover 81bs/acre	2	42.1		lbs/acre
*Inoculate all legumes such as vetch	t, trefoil	and clovers	with the proper bo	cterium.
Inoculate with 3X recommended amount.				
	FI.4.7 PE	FARED EY_	Vincent Wood	- 09/08/2 023
NOTES: Please request landsument		ADDRESS	116 Pfost Avenue	00/00/2020
seedling for one growing season.			Ripley, WV 25271	1
Attich separate sheets as				
necessary for comments.	F.	ECNE NO.	372-2709	magazinate de la processorate propie d n Administration



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.







1)	Date:	May 3	, 19 84
-	_		

2) Operator's Well No. **KEM 161**

47 3) API Well No. State County Permit

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

		N 40 10 1		APPLICA	TION FOR A WEL	L WORK PERMI		AISED
4) WELL TY							DIFFCATIONS	
E) LOCATIO		f "Gas",	Production 950	X	/ Underground s	ctorage	ick Creek 03	21 7 ShallowX/)
5) LOCATIO		The state of the s	Riple	THE RESERVE THE PARTY OF THE PA			Quadrangle: _	
WELL OP								A. Pryce
Address		P. O.	Box 8			Address		me
		Raven	swood,	WV 2616	4			
B) OIL & GA				TED		9) DRILLING C		TOTE RETURN
Name			Box 101	ΙΛ		Name	P. O. Box 3	ON THE SELLY
Address			WV 25			Address	Elkview, WV	
) PROPOSE				X / Dril	l deener	/ Redrill	/ Stimulate	x / JUN 6 - 15
) FROFOSE	D WELL	WORK.			n/ Perfora			011 0 010 DI
					in well (specify)			OIL & GAS DIV
) GEOLOGI	CAL TAR	GET FOR	MATION,	Dev	onian Brown	Shale		DEPT. OF M
CARL STORY OF THE STORY				516				
						THE RESERVE AND ADDRESS OF THE PARTY AND ADDRE	feet.	
					Is cos	al being mined in th	ne area? Yes	/ No/
CASING A	II IOBI		CIFICATIONS		FOOTAGE II	NTEDVALS	CEMENT FILL-UP	PACKERS
TUBING TYPE	Size	Grade	Weight per ft.	New Used	For drilling	Left in well	OR SACKS (Cubic feet)	PACKERS
onductor	Size	Grade	per it.	New Osed	For trining	Left in wen	(Cubic feet)	Kinds
esh water	10 3/4	II .		X	400	400	150 sks Cla	ss A (to surface)
oal			la a				65 ckc 50/5	Sizes
termediate	7			X	2517	2517	65 sks 50/5	s A
oduction	4 1/2			X	5169	5169	225 sks 50/	Depto zmix
ibing					7380 380 3	11技術(2)		
ners				17.0		Established with	The state of the s	Perforations: Top Bottom
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14	DoG .					9100	1 3 5 5 5 5	TEN HOLLEN
	"							
				in poetions	ou wallo :			Specification received
					OFFICE USE C			
					DRILLING PE	RMIT		Well work started
rmit number_	47-	035-18	25-REV			18 m _ 10 m	June 11	, 19 8
								Completion of the drille
								ice with the pertinent legal re-
								l and Gas Inspector, (Refer to tractor shall notify the proper
					work has commenced			DEALEDST DIVIDENT REA
The state of the s	ork is as de	escribed in	the Notice	and Application	on, plat, and reclama	ation plan, subject	to any modifications a	nd conditions specified on the
verse hereof.	Tune	e 11,	1986					thences and mentanging
rmit expires _	Julie	11,	1700		unless well	work is commence		prosecuted with due diligence.
T								THER INSPECTIONS
Bond:	Agen	t;	Plat:	Casing	Fee			Poses
	1	1110	1111	MII	0/-		-0	JUCKO A
BLANKET	1	11 11	1411	1/12	1/3		1/1	
	1	// \V/	JAI	1/12	4/3	1	10	A more 9

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





STATE OF WEST VIRGINIA

92.020	8 april 1995 1995 1995 1995 1995 1995 1995 199	OF	FICE USE ONL	Y	PRA.			THE STATE OF	Manager 1
PERMIT M	ODIFICATIONS	AND COND	ITIONS (IF AN	Y) TO	THE F	ROPOS	ED WE		Krijaw (
(A wolferle	Property Comments	nge Light Tar	Underground stor				Gas P	11) 8	
	Oundrangle:					STAP C			S) LOCATION
200 270 C	AGENT K.	TETAL NOTE OF					motti		WELLOPE
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				No fee					OUNTER!
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Wilsian and	onge og:10.	Name					Cephan	Jenny	Name
The second secon	1924 O. Box133					FOLLXO	a al.		
All Land	Line wait valla						1919		
the explosion		kedrille				ilod		W Jlawc) PROPOSEI
VICE GAS DIV		new formation.							
			ell (specify)						
DEPT. OF M			na proving part	TO VOICE					
	Teet.	4							13) Approx
	atent res	eing mined in the	iscoal D						14) Aprilos N CASÍNG A
PACKERS	T CEMENT SELTE		FORTAGE INTE					madisum	
	ORBACES					1 Trials W			PASING TYPE
			gottiffe and	The Digard		Ji risg.	\$ 50,812 1	95 6.	
									ondues.
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Ziuzot,								7	
v i consumo	TAIR 2021 FRA							TYPE F	nodarbo
		OFI	FICE USE ONL	Y					rgaide
Perlotations				4	0.11				
This part of Form IV-2	(b) is to record th	e dates of cer	tain occurrences	and any	y follo	w-up ins	pections	•	
		Date						Date	e(s)
								A 200	
Application received			Follow-	up inspe	ection(s)			
			DEICE USE ON	0					
Well work started		111	NALING PERM		,,				
								747-9	tedman nort
Completion of the drilli									
process menitog and fifty a									
Well Record received	en et me se ense conn ll'ocerator or lus conn		rige viz tobisci egisys cf. Viciwi berdenaye's		ere dio is				urements suajec
well Record received			k has commanced.?	row bitm	upiq lau	beiore act	24 hours		ag bus lio tant
Reclamation completed	any modifications an	n plan, subject to	ol;; and reclamation	plication,	d,,000	he Notice	ni bading	rk is as des	e permitted wo
									verse hereoft
wosecuted with due diligence.		rk is commenced							unit expires
OTHER INSPECTION	3						15		
Reason:				e e	Casing	116		Agent	Bond:
Reason.	200				HIT	TITI	011		13AHIC.U
							and the second second		ACTUAL TO SEE AS A SECOND OF THE PARTY OF TH

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

FORM IV-2(A) Obverse [8-83]			2) Operator's Well No. 3) API Well No.	y 3,19_84 KEM #161 47 035
	STATE OF WEST	' VIRGINIA		State County Perm
	DEPARIMENT OF MINES, O	OFFICE OF OIL	& GAS	
	NOTICE OF APPLICATION FO	OR A WELL WORK	K PERMIT	Revised
4) SURFACE OWN	ER(S) OF RECORD TO BE SERVED	5(i) COA	AL OPERATOR	
(i) Name Jar	nes W. and Margaret E. Smith	Add	iress	
	Rt. 3, Box 15 Ripley, WV 25271	5(ii) COA	L OWNER(S) WITH D	DECLARATION ON RECOF
(ii) Name	CIPICY, WY ZSZ71	Nam	ne	
Address_		A	ddress	
(iii) Name		Nam		
Address_		A	ddress	
_		5(iii) COA Nam	L LESSEE WITH DEC	LARATION ON RECORD:
			ddress	
		9 * °		
	TO THE PERSON(S) NAMED ABOVE: You should have	ve received this For	m and the following docume	ents:
	 The Application for a Well Work Pento be plugged, which sets out the parand describes the well and its locatementing program; The plat (surveyor's map) showing the Construction and Reclamation Plantage and a well), which sets out the plug a well), which sets out the plantage and access 	tion and, if application on I am on Form IV-9) unle	he drilling or other work, ble, the proposed casing a Form IV-6; and	and
	THE REASON YOU RECEIVED THESE DOCUMENTS WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. ACTION AT ALL.	IS THAT YOU HAVE RIC THE REVERSE SIDE OF HOWEVER, YOU ARE NO	F THE COPY OF THE APPLICAT. OT REQUIRED TO TAKE ANY	ION
	Take notice that under Chapter 22 of the erator proposes to file or has filed this Not for a Well Work Permit with the Administrator Department of Mines, with respect to a well a and depicted on attached Form IV-6. Copies of Construction and Reclamation Plan have been me by hand to the person(s) named above (or by pefore the day of mailing or delivery to the	of the Office of Oi the location descript this Notice, the A mailed by registered	and accompanying documents il and Gas, West Virginia ribed on attached Applicati Application, the plat, and	ion
	6) EXTRACTION RIGHTS			
	Check and provide one of the following: Included is the lease or leases or other I hold the right to extract oil or ga The requirement of Code 22-4-1-(c)(1) the	r continuing contracts. nrough (4). (See reve	t or contracts by which	ECEIVEN
	7) ROYALTY PROVISIONS Is the right to extract, produce or market or other contract or contracts providing for for compensation to the owner of the oil or to the volume of oil or gas so extracted, p	the oil or gas based or flat well royalty	d upon a lease or leases or any similar provision	THE RESERVE OF THE PERSON OF
	If the answer above is No, nothing you may use Affidavit Form IV-60.			IPT. of MINES
	See the reverse side for line item ins the required copies of the Notice and Reclamation Plan.	tructions, and for i	instructions concerning and Construction and	_
Notice and App	the information on the plication is verified and the Notice is	WELL OPERATOR	Kaiser Explorati	on & Mining Co.
signed on beha	alf of the Well Operator	By Z.	A.P-	
in my County a		Its Ge	eneral Manager	
this 10 day of	Man , 1984.	Address	P. O. Box 8 Ravenswood, WV	26164
My commissi	on expires <u>8/30</u> , 1993.	Telephor		
Notary Publ	The state of the s			09/08/2023
State of _	West Virginia			

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 § 22-4-12b and Regulation 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 § § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

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

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

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

James Smith

Kaiser Exploration and 1/8 of prevailing Mining Company

field price

165/19

AFFIDAVIT OF PERSONAL SERVICE ON SURFACE OWNER

STATE OF West Virginia, COUNTY OF Jackson:
The undersigned, being first duly sworn, says that the undersigned served a true and complete copy of all sides of— (1) Notice on Form IV-2(A) X / Form IV-3(A) / Form IV-4(A) / (2) Application on Form IV-2(B) X / Form IV-3(B) / Form IV-4(B) / (3) Plat snowing the well location on Form IV-6, and (4) Construction and Reclamation Plan on Form IV-9 (unless the application is to plug a well)
all with respect to operator's Well No.
James W Smith & Margaret E. Smith
on the 29 day of may 1984 in the manner specified below.
- [COMPLETE THE APPROPRIATE SECTION]
For an individual: Handing it to him X / her X / or, because he / she / refused to take it when I offered it, by leaving it in his / her / presence.
[] Handing it to a member of his or her family above the age of 16 years named who resides at the usual place of abode of the person to be served, and asking the family member to give it to the person to be served as soon as possible.
For a partnership: [] Handing it to
For a limited partnership: [] Handing it to the general partner, named, or, because the general partner refused to take it when I tried to hand it over, by leaving it in the presence of the general partner.
For a corporation: [] Handing it to the corporation's employee / officer / director / artorney in fact / named
JUN 6 - 1984 (Signature of person executing service)
OIL & GAS DIVISION
DEPTERED F SMOOTHED and sworn before me this 29 day of May . 1984. My commission expires Oct 28,1993
Styl-Well,
(AFFIX SEAL IF NOTARIZED IF OUTSIDE THE STATE) HOTZY PUDICHE STATE OF WV

09/08/2023



SURFACE OWNER'S COPY



1)	Date:	May	3		9 84
	Operator'			23/	i iliyara

Well No. 035 3) API Well No. State County Permit

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

REVISED

4) WELL TY	A SECURITY OF THE SECURITY OF THE SECURITY	il f "Gas", l	/ Ga	APPROXIMENT APPORT	X /	V Inderground	n i versa er e	Deep	Shallow X
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8) OIL & GA NameJ				TIED		Cattle on 24 aparts	Name Cli		Conductive grands
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	ximate trat		the strain and			feet; salt	ALC: A See Sale and A selection of the s	feet. DE	LE 1. OF WILL
1000 · 1	ximate coa			and the second		Is co	al being mined in th	ne area? Yes	
(5) CASING A	AND TUBI	NG PRO	GRAM						
CASING OR		SPEC	Weight	5		FOOTAGE I	NTERVALS	OR SACKS	PACKERS
TUBING TYPE	Size	Grade	per ft.	New	Used	For drilling	Left in well	(Cubic feet)	
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	The	law requir	es a comm	ent per	iod for su	rface owners. How	ever, the permit ca	n be issued in less than	Objection"
	the filing	of the App	olication if	the sur	face owne	the Application) the following we	oluntary Statement of N	o Cojecion
	on a facs	imile of th	ns surface	owner	s copy of	the Application.		THE PARTY OF SECURIOR	
		60,		VO	LUNTA	RY STATEMENT	OF NO OBJECTION	ON CONTRACTOR	
and the second		WART IN THE			med sec	gerenne bette with	5 1550 6 70 1049M	i katani o i medanyari	Permit, and that I have received
									Form IV-2(B), (3) a survey plat as described therein.
on Form IV-6,	and (4) a (Construction	on and Re	ciamati	ned work	described in these r	naterials, and I have	ve no objection to a peri	nit being issued based on those
	ate that I h	ave no obj	jection to	ne pian	ileu work	described in these :			
materials.									
(For execution	by corpora	tion, part	nership, et	c.)		<u>(Fo</u>	r execution by nat	ural persons)	
						/	γ	1 0 1	Thale
NAME:							james,	W. Smill	Date: 5/27/3
By							En -	(Signature)	H Shi
Ву	great white						Margar	et 6. Smu	Date: 74/57
Its _		1000	194 194 194		Date			(Signature)	

4) WELL TYPE: A Oil .

SURFACE OWNER'S COPY



1	Date: Janu	ery 30		, 19
2	Operator's Well No.	EM #161		
3	API Well No.	47	035	1100
		State	County	Permit

RENEW

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

EN LOCATION	B (If	ation:	99	3	Waters	hed: Grassl	ick Creek	
5) LOCATION		rict:	Ripley			: Jackson		ngle: Kenna
WELL OPE		aiser				Co. 7) DESIGN	ATED AGENT R.	A. Pryce
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	-				an reduced the or	9) DRILLIN	NG CONTRACTOR	
8) OIL & GAS	INSPECT	OK 10 B	E NOTIFE	שם	indial to the	Name	Clint Hurt	
Name Ho	HET DO	19HELC	ox 3A L	Andas	0.04	Addre	Ph /1	80x 388
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O) PROPOSEI	WELL V	VORK:	Drill		Drill deeper_			TOTE CHETTER
						Perforate new form	lation	N F P P P P
			Other phy	sical ch	ange in well (speci	Chalo		11/25
1) GEOLOGIC	CAL TARC	GET FORM	MATION,	nev	onian Brown	Sugre		FEB 1 6 1984
12) Estimat	ted depth o	f complete	ed well,	121	<u> </u>		Foot	FED 1 0 1904
13) Approx	cimate trata	depths:	Fresh,		feet;		feet.	OIL & NGAS DIVIS
14) Approx	kimate coal	seam dept	ths:		14772 2003	Is coal being mined	d in the area? Yes_	
(5) CASING A	ND TUBI	NG PROC	GRAM			the or the		DEPT. OF MIN
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DEPT. OF MINES

AFFIDAVIT OF PERSONAL SERVICE ON SURFACE OWNER

	STATE OF West VA COUNTY OF OGEKSON:		
•	The undersigned, being first true and complete copy of all sid (1) Notice on Form IV-2(A) (2) Application on Form IV-(3) Plat showing the well 1 (4) Construction and Reclam is to plug a well) all with respect to operator's	es of X / Form IV-3(A) 2(B) X / Form IV-3(B) ocation on Form IV-6, nation Plan on Form IV Well No. Kem 161	/ Form IV-4(A) / / Form IV-4(B) /
	James W South & Mac on the 13 day of 7-ch	Kso~ County,	State of WUA
	- [COMPLETE THE APP	ROPRIATE SECTION]	
	For an individual: [≫] Handing it to him ★/ take it when I offered		
	named	to be served, and as	above the age of 16 years ho resides at the usual place king the family member to give ssible.
_,	For a partnership: [] Handing it to partnership or, becaus over, by leaving it in		, a partner of the to take it when I handed it partner.
	For a limited partnership: [] Handing it to the gene because the general pa over, by leaving it in	rtner refused to take	, or, it when I tried to hand it general partner.
RE	For a corporation: [] Handing it to the corp [] Handing it to the corp [] FEB 1 6 1984	named	/ officer_/ director_/ Mercuting service
	T. OF Taken, Subscribed and sworn My commission expires Oc	before me this <u>/5</u> d	ay of 7eb 1984.
		Staphen	Wilely Notary Public Commissioner
	(AFFIX SEAL IF NOTARIZED IF OUTSI	DE THE STATE)	09/08/2023







IV-35 (Rev 8-81) DEPT. of MINES



State of Mest Airginia Department of Mines Gil and Gas Division

Date_	11/02/84	
Opera	tor's	
Well I	No. KEM 161	
Farm	Smith	
API N	o. 47 - 035 - 1825	REN

0 0	ИГ	n	r II	TI	n I
			- /		

WELL OPERATOR'S REPORT

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

Time of open flow between initial and final tests 4 hours Static rock pressure 975 commingled surface measurement) after 72 hours shut (If applicable due to multiple completion) Second producing formation Berea Sandstone Pay zone depth 205/08/2023fe Gas: Initial open flow 0 Mcf/d Oil: Initial open flow 0 Bbl *Final open flow Mcf/d Oil: Final open flow 0 Bbl Time of open flow between initial and final tests 4 hours Static rock pressure 900 psig (surface measurement) after 72 hours shut	LOCATION:	Elevation:	993	Watershed	Grasslick	Creek			_
COMPANY Kaiser Exploration and Mining Co. ADDRESS P. O. Box 8 Ravenswood, WV 26164 DESIGNATED AGENT R. A. Pryce ADDRESS Same SURFACE OWNER James W. Smith ADDRESS OIL AND GAS INSPECTOR FOR THIS WORK Jerry Tephabook ADDRESS Ripley, WV 25271 PERMIT ISSUED DRILLING COMPLETED 10/10/84 DRILLING COMPLETED 10/10/84 PRILLING COMPLETED 10/17/89 TF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REPORKING. VEREAL PERMISSION OBTAINED Col seam depths: N/A Depth of completed well 4508 Water strata depth: Fresh N/A feet; Coal seam depths: N/A DPEN FLOW DATA Producing formation Devonian Brown shale Gas: Initial open flow 1639 Mcf/d Oil: Initial open flow 0 Bbl. "Final open flow 1639 Mcf/d Oil: Initial open flow 0 Bbl. "Final open flow 1639 Mcf/d Oil: Initial open flow 0 Bbl. "Final open flow between initial and final tests 4 hours Static rock pressure 900 psig (surface measurement) after 72 hours shut Time of open flow between initial and final tests 4 hours Static rock pressure 900 psig (surface measurement) after 72 hours shut Time of open flow between initial and final tests 4 hours Static rock pressure 900 psig (surface measurement) after 72 hours shut Time of open flow between initial and final tests 4 hours Static rock pressure 900 psig (surface measurement) after 72 hours shut		District:	Ripley	County Jack	cson	Quadrangle	Kenna		_
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*Final open flow 1639 Mcf/d Final open flow 0 Bold Time of open flow between initial and final tests 4 hours Static rock pressure 975 Commingled surface measurement) after 72 hours shut (If applicable due to multiple completion) Second producing formation Berea Sandstone Pay zone depth 205/03/2023fe Gas: Initial open flow 0 Mcf/d Oil: Initial open flow 0 Bbl *Final open flow Mcf/d Oil: Final open flow 0 Bbl Time of open flow between initial and final tests 4 hours Static rock pressure 900 psig(surface measurement) after 72 hours shut	Gas	. Initial o	pen flow	0 Mcf/d	Oil: In	nitial ope	n itow		SDI/U
Static rock pressure 975 commingled surface measurement) after 72 hours shut (If applicable due to multiple completion) Second producing formation Berea Sandstone Pay zone depth 209/08/2023fe Gas: Initial open flow 0 Mcf/d Oil: Initial open flow 0 Bbl *Final open flow Mcf/d Oil: Final open flow 0 Bbl Time of open flow between initial and final tests 4 hours Static rock pressure 900 psig (surface measurement) after 72 hours shut		*Final ope	n flow 16	39 Mcf/d	F:	inal open	ilom 0		Bbl/d
Static rock pressure 975 commingled surface measurement) after 72 hours shut (If applicable due to multiple completion) Second producing formation Berea Sandstone Pay zone depth 205/03/2023fe Gas: Initial open flow 0 Mcf/d Oil: Initial open flow 0 Bbl *Final open flow Mcf/d Oil: Final open flow 0 Bbl Time of open flow between initial and final tests 4 hours Static rock pressure 900 psig(surface measurement) after 72 hours shut		mimo	of open f	low between ir	itial and	final test	S_4	nours	
Second producing formation Berea Sandstone Pay zone depth 2005/08/2023fe Gas: Initial open flow 0 Mcf/d Oil: Initial open flow 0 Bbl *Final open flow Mcf/d Oil: Final open flow 0 Bbl Time of open flow between initial and final tests 4 hours Static rock pressure 900 psig(surface measurement) after 72 hours shut	Sta	tic rock pre	essure 975	commingled sur	ace measur	ement) aft	er 72 h	ours sh	ıt in
Second producing formation Berea Sandstone Pay zone depth 2015/18/20/21e Gas: Initial open flow 0 Mcf/d Oil: Initial open flow 0 Bbl *Final open flow Mcf/d Oil: Final open flow 0 Bbl Time of open flow between initial and final tests 4 hours Static rock pressure 900 psig(surface measurement) after 72 hours shut	(1)	annlicable	due to mul	tiple complete	ion)				
Gas: Initial open flow 0 Mcf/d Oil: Initial open flow 0 Bbl *Final open flow Mcf/d Oil: Final open flow 0 Bbl Time of open flow between initial and final tests 4 hours Static rock pressure 900 psig(surface measurement) after 72 hours shut	Soc	and producir	ng formation	n Berea Sands	stone P	ay zone de	epth 209	/08/2 02	3 feet
*Final open flow Mcf/d Oil: Final open flow 0 Bb1 Time of open flow between initial and final tests 4 hours Static rock pressure 900 psig(surface measurement) after 72 hours shut	Cas	. Initial o	open flow	0 Mcf/c	d Oil: I	nitial op	en flow_	0	Bbl/d
Time of open flow between initial and final tests 4 hours Static rock pressure 900 psig(surface measurement) after 72 hours shut	Gaz	*Final on	en flow	Mcf/	d Oil: F	inal open	flow	0	Bbl/d
Static rock pressure 900 psig(surface measurement) after 72 hours shut		mim	e of open	flow between i	nitial and	final tes	ts 4	hours	
그는 사이에는 사용하는 사이에 가장하는 과회에서 생각을 받았다고 하는 생각이 전혀 가장하는 것이 되었다고 하는데	CL	atia mak na	essure 90	o psig(surf	ace measure	ment) aft	er 72 l	nours sh	ut in
* Open flows are commingled. (Continue on reverse st									

DEC 1 :: 1984

DEPT. OF MINES

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

10/18/84 Young's pef Brown Shale 19 holes (.39" dia) from 4307-4441.
10/18/84 Young's perf Berea 24 holes (.39" dia) from 2615-2623.
10/19/84 BJ Hughes foam frac Brown Shale. Used: 60,000 lbs 20/40 sand; 650

mscf total N2; 325 bbls total fluid.

10/19/84 BJ Hughes foam frac Berea. Used: 60,000 lbs 20/40 sand; 625 mscf total N_2 ; 340 bbls total fluid.

WELL LOG

	1		REMARKS
FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	Including indication of all fresh and salt water, coal, oil and gas
Drillers' Depths			
(top hole not logged)			
Sand and Shale	0	2000	
Big Lime	2000	2135	
Big Injun	2135	2195	
Shale	2195	2400	
Loggers' Depths			
Shale	2400	2600	
Coffee Shale	2600	2617	
Berea Sandstone	2617	2627	S/G
Shale	2627	3860	s/G @ 3278
Brown Shale	3860	4454	S/G @ 4330
Shale	4454	4523	
Total Depth	4523		

(Attach separate sheets as necessary)

Kaiser Exploration and Well Operator	Mining	Company
By:		09/08/2023
Date: November 2, 1984		

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

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES



OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No	Oil or Gas Well				
Company Kaiser Exploration	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACK	ERS
	Size				
AddressSmith	16			Kind of Pac	ker
에 가는 것이 아니라 등 전혀 되었다. 	13				
Well NoKem 161	10			Size of	
DistrictCounty_Jackson	81/4				
Drilling commenced	65%			Depth set	
	5 3/16				
Drilling completedTotal depth	3			Perf. top	
Date shotDepth of shot	2			Perf. botton	n
Initial open flow/10ths Water inInch	Liners Used			Perf. top	
				Perf. bottor	n
Open flow after tubing/10ths Merc. inInch					
VolumeCu. Ft.	CASING CEME	NTED	SIZE	No. FT	Date
Rock pressure lbs. hrs.	NAME OF SEI	RVICE COMP	ANY		
Oilbbls., 1st 24 hrs.	COAL WAS EN	NCOUNTERE	D AT	FEET	INCHES
Fresh water <u>feet</u> feet	FEET	INC	HES	FEET	INCHES
Salt water feet feet	FEET	INC	HES	FEET	INCHES
Drillers' Names Hurt Rig #4					a ama
Remarks:					

Td 131/4 hole 12:30 Am 10 11 84 Ran 19 jts 103/4 csg set 821 KB Noscoe cement 325 sks class a neat 3% cacl 1/4 lb per sk fbocele. plug down 6:30 pm 10 11 84. Td 91/4 hole 3:15 am 10 14 84 ran 56 lits 7'' csg set 2373' kb noscoe cement 175 sks 50/50 poz 10 % cacl 1/4 lb per sk flocele plus 100 sks neat 3%cacl 1/4; lb per sk flocele pug down 9:00 am 10 14 84. WOC.

10 15 84pate

Form 26 2/16/82

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No.				V	Vell No				
COMPANY			ADDRESS	ADDRESS					
FARM			COUNTY						
Filling Material Used	LIEW ON	116-2			Tesket				
1 ming material osed						1			
Liner	cation	Amou	int Packer	Packer Location					
PLUGS USED AND DEPTH PLACED		BRIDGES	CASING AND TUBING						
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED SIZE		LOST			
Angel Stephen	Market of Mark (1970)				ì				
ans Ren's				1 ph		7752 (135)			
3107.66, 148.4	· · · · · · · · · · · · · · · · · · ·		and the second second	rigoti .					
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201104 5193			and the second s						
Ka. Pr	2001	no for easily in a line.	Books and the second						
	Y MARINO	**************************************	And And						
					100 710 9				
INGHE		MI ENCOUNT	% dans lets 15 del trod.						
Drillers' Names				7,960					
THOM TOUR	200041	Y SECTION	· Jane						
Remarks:									
					i učen				
DATE	hereby certify I vis								
1 544 TORD / COR	er sols Cyl a		03. I/i, 67 or 48. 52.						

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



OIL & GAS DIVISION DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 035 1825	5	Oil or Gas Well					
Kaiser	Exploration	CASING AND TUBING	USED IN DRILLING	LEFT IN	PAC	KERS	
Address		Size					
FarmSn	nith	16			Kind of Pac	eker	
Well No	Kem 161	13		16.333.69	Size of		
District		81/4					
Drilling commenced		6%			Depth set_		
Drilling completed	Total depth	3			Perf. top_		
Date shot	Depth of shot	2			Perf. botto	m	
Initial open flow	/10ths Water inInch	Liners Used			Perf. top Perf. botto	m	
Open flow after tubing	/10ths Merc. inInch						
Volume	Cu. Ft.	CASING CEME			No. FT	Date	
Rock pressure	lbshrs.	NAME OF SER	VICE COMPA	ANY			
Oil	bbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	_FEET	INCHES	
Fresh water	feetfeet	FEET_	INCI	HES	FEET	INCHES	
Salt water	feetfeet	FEET_	INCI	HES	_FEET	INCHES	
Drillers' Names						Ramacka	
Remarks:							

10 16 84 TD 4523 ran 4508Kb 41/2 csg 250 sks 50/50 poz. p lug down 6:30 pm

10 16 84

Jung 2 Toolog19023

Form 26 2/16/82

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

ermit No.					ell No.	
COMPANY	182		ADDRESS			
ARM DISTRICT				COUNTY		
		THE SECOND	Ep. 23		72.7°87	
illing Material Used						
iner Loc	ation	Amou	nt Packer	Loca	ntion	
PLUGS USED A	ND DEPTH PLACED		BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE LOST	
			noundet.			
989 1, 579 S						
Selection and Control of the Control						
		The state of the s	Water in the Water			
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9	18 700				a some and a solution of the s	
					and the second	
resident subsident	1 4 6015					
					and the second s	
rillers' Names			1 - 4-2			
K. P. M		ren a comme			Total Section 8	
Remarks:						
			Talling April 12 10 6 %			
] DATE	I hereby certify I vis	sited the above v	well on this date.			
111			days <u>Landaude</u>			
			DIS	STRICT WELL INS	°69/08/2023	





OIL & GAS DIVISION
DEPT. OF MINES

1

State of West Birginia

Bepartment of Mines Gil and Gas Bivision

Charleston 25305

FINAL INSPECTION REPORT INSPECTORS COMPLIANCE REPORT December 19, 1984

COMPANY	Kaiser Exploration & Mining	Co.	PERMIT NO _	035-1	825	
P. 0	. Box 8		FARM & WELL	NO James	Smith,	KEM-16
Rave	nswood, West Virginia 26164		DIST. & COU	NTY Riple	y/Jacks	on
				IN COMPLI		
RULE	DESCRIPTION			YES	NO	
23.06	Notification Prior to Starti	ing Work				
25.04	Prepared before Drilling to	Prevent Wa	ste	· k		
25.03	High-Pressure Drilling					
16.01	Required Permits at Wellsite	2				
15.03	Adequate Fresh Water Casing			×		
15.02	Adequate Coal Casing			-		-
15.01	Adequate Production Casing			X		
15.04	Adequate Cement Strenght	~		X		
15.05	Cement Type					
23.02	Maintained Access Roads					-
25.01	Necessary Equipment to Preve	ent Waste				
23.04	Reclaimed Drilling Pits	. 11		 _	-	
23.05	No Surface or Underground Po		- Di1i			
23.07 16.01	Requirements for Production Well Records on Site	& Gatherin	g ripelines			
16.02	Well Records on Site Well Records Filed					
7.05	Identification Markings					
7.05	· ·					
I HAVE I	INSPECTED THE ABOVE CAPTIONED	WELL AND R	ECOMMEND THA	T IT BE RE	LEASED:	10
			SIGNED 4	eng ?	Typh	a Vo
			DATE	1485		
with Cha	l record was received and recepter 22, Article 4, Section 2 for the life of the well.					rdance
			Administrat	or-Oil & G	as Divis	sion
			Jun	ie 19, 1985		
				DATE		

