DRILLING CONTRACTOR:



1)	Date:	June	6		19_	83

County

2) Operator's KEM # 347

3) API Well No. 47
State 035

1864
Permit

Clint Ilust C A	STATE OF WILST VIRGINIA					
Clint Hurt & Associates	DEPARTMENT OF MINES, OIL AND GAS DIVISION					
Elkview. WV	OH AND GAG WELL DEDUCE A COLUMN					

4)	WELL TYPE								
		B (If	"Gas", Pr	oduction	X	_/ Underground st	orage	Deep	_/ Shallow _X/)
5)	LOCATION	: Elev	ation:	757		_ Watershed:	Sycamore	Creek	
		Distr	ict: R	ipley			ackson	Quadrangle:	Ripley
6)	WELL OPER	RATORK	aiser	Explora	tion and			DAGENT R. A.	
	Address	P	. O. B	8 xc			Address		
		R	avensw	ood, WV	26164				
7)	OIL & GAS								
					oh, et al	12	COAL OPER	ATOR None	
	Address			Box 30			Address		
				, WV	25271				
•	Acreage		66.5			13	N I		ATION ON RECORD:
8)	SURFACE O	WNER	Same				NameN	one	
	Address	-					Address		
	A								
0)	Acreage FIELD SALE	/IE MAD	E) TO						
. "	Address						Address	-	
	Address	-							
10)	OIL & GAS I	NSPECTO	OR TO PE	NOTIFIE	D	14	A1	EE WITH DECLARAT	ION ON RECORD:
.0)	Name Ho	mer Do	ughert	y	J			/IIC	
					Looneyv	ille. WV	Address	MER	15 WICH
			,			,		188112	A TO TO THE
15)	PROPOSED	WORK:	Drill	X /	Drill deeper	/ Redrill	/ Fre	acture or stimulate	, JUI
			Plug off	old form	ation .	Perforate ne	w formation	dilla	N - 8 1983
						ecify)		JUI	-0 1303
16)	GEOLOGICA	L TARGE				Brown Shale		***************************************	
						feet		Oil &	GAS DIVISION
	18) Approxin	nate water	strata dept	hs: Fresh	,	feet; s	alt,	feetDEPT	. OF MINES
						Is coal	being mined in the	e area? Yes	/ No
	CASING ANI								A REAL PROPERTY AND ADDRESS OF THE PARTY AND A
	CASING OR TUBING TYPE	27	SPI	ECIFICATION Weight	NS I	FOOTAGE	INTERVALS	CEMENT FILL-UP OR SACKS	PACKERS
_		Size	Grade	per ft.	New Used	For drilling	Left in well	(Cubic feet)	
	onductor								Kinds
_	resh water	10 3/	4"		X	250	250	150 sks clas	A to surface
-	oal								Sizes
_	ntermediate	7"	ļ	1.24	X	2277	2277	100 sks 6175	pozmix
	roduction	4 1/3	1"		X	4909	4909	224 sks 50/5	Deputs zen i x
-	ubing					35.0			
	iners								Perforations:
_								-	Top Bottom
_				-					
21)	EXTRACTION	V DICUTO							
	Check and pro			wine:					
					continuing cor	tract or contracts by	which I hold th	e right to extract oil or	***
	☐ The req	uirement o	f Code 22	-4-1-(c) (1)	through (4).	(See reverse side for	specifics.)	e right to extract on or	gas.
	ROYALTY PR	ROVISION	IS						
	Is the right to e	xtract, pro	duce or m	arket the oi	l or gas based	upon a lease or other	continuing contra	act or contracts providir	ng for flat well royalty or any
	similar provision produced or m	on for con	pensation	to the ow	ner of the oil	or gas in place which	h is not inherent	ly related to the volum	e of oil or gas so extracted
					eded. If the a	nswer is Yes, you ma	v use Affidavit 1	Form IV 60	
23)	Required Copie	es (See rev	erse side.)		caca. II the a	iswer is res, you in	ay use Allicavit I	TOTIL 17-00.	
24) (Copies of this l	Permit Ap	plication a	nd the enc	losed plat and	reclamation plan ha	ve been mailed by	v registered mail or deli	vered by hand to the above
1	named coal ope	erator, coa	l owner(s)	, and coal	lessee on or be	fore the day of the	mailing or deliver	y of this Permit Applic	eation to the Department of
1	Mines at Charle	eston, Wes	t Virginia	•			D	A 0	
N	otary:						Signed:	. ムバラー	
M	ly Commission	Expires					Its: Gen	eral Manager	
	***************************************					ERI CHI		, ,	
-			-		-	FFICE USE ON			00/00/0000
F 75%	in the said	47-	0.35	-186	64 D	RILLING PERM	AIT TIN	7/5	U9/08/2023 p
Perm	it number	•	, , , , , , ,					7/0	19 8
This	permit covering	g the well	operator a	nd well loc	cation shown b	clow is evidence of	nermission grant	Date	
quire	ments subject t	to the cond	ditions con	tained here	ein and on the	reverse hereof. Noti	ication must be	given to the District Off	e with the pertinent legal re and Gas Inspector. his contractor shall notify th
Refe	to No. 10) Pri	or to the co	onstruction	of roads,	locations and p	its for any permitted	work. In addition	on, the well operator or	his contractor shall notify th
rope	district off ar	id gas insp	ector 24 h	ours befor	e actual permi	ned work has comm	iencea.)		

Fee 963 Administrator, Office of Oil and Gas 935

3/21/84

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

Permit expires Bond:

unless drilling is commenced prior to that date and prosecuted with due diligence.

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
 - "Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less then six thousand feet, whatever is shallower.
 - 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
 - Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
 - 16) Anticipated formation for which well will be completed
 - 17) Self explanatory
 - 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
 - 19) All coal seam depths
 - 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
 - 21) Code 22-4-11(c) In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1)A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
 - 22) Code 22-4-11(d) and 22-4-11(e).
 - Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, 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 §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
 - 24) The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

days after the	e receipt of this Application b	by the Departme	ment.
		••••••	
			at the balance of the sale was the sale of
The following	waiver must be completed by	y the coal opera	erator and by any coal owner or coal lessee
days of receip	ot thereof.	22-4-20, if th	the permit is to be issued within fifteen (15)

		WAIVER	
amined this proposed well	location. If a mine map exists	which covers t	of the coal under this well location has ex- s the area of the well location, the well location has been a proposed to be done at this location, provided, the well
operator has complied wit	th all applicable requirements	of the West Vi	Virginia Code and the governing regulations.
the section of the pendent	De 11 m		
Date:		Ву	
		Its .	
and the second s			were of galler and the second

LEASE SUMMARY

KEM #347 & 419

Tract Discription

County: Jackson

District: Ripley

Acres: 66.5

Bounded By: North - Westvaco

East - M. V. Staats
South - J. Goodwin

West - Harl Casto

JUN - 8 1983

OIL & GAS DIVISION
DEPT. OF MINES

Lease Parties

Lessor(s): Clifford W. Randolph and Joyce V. Randolph

Lessee: Kaiser Exploration and Mining Company

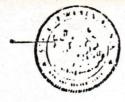
Recording Information

Book and Page: 180/279

Royalty Provision

1/8 of prevailing field price

1V-9 (19:2 8-01)



DATE	June	1,	1983	
		100 m		

State of Mest Mirginia

API NO. 47 - 035 - 1864 - Ren

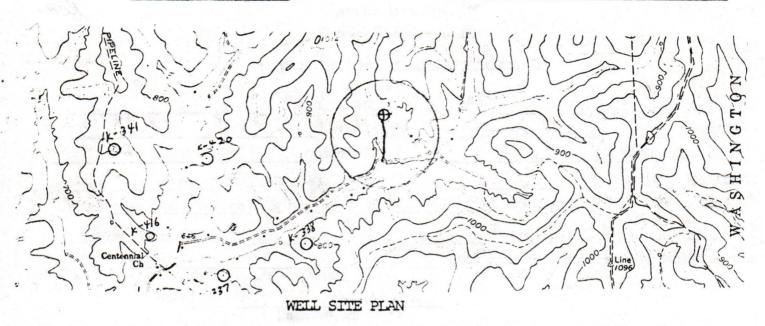
Department of Alines Wil und Gas Division

CONSTRUCTIO	TOTAL ONA INC	AMATION PLAN
COMPANY NAME Kaiser Exploration and M	inina CoDI	SIGNATED AGENT Same
Address P. D. Box 8. Ravenswood.		4 Address
Telephone 273-5371		Telephone
IANDOWNER Perry Randolph		SOIL CONS. DISTRICT Western
Revegetation to be carried out by K		
	//	+
This plan has been reviewed by and additions become a part of this plant	9 11	sem son. All corrections
and americans receive a part of this pre	Mi-	(Date) / X
	Wa	(SCD Agent)
ACCESS ROAD		LOCATION
Structure Cross Drains	(A)	Structure Diversion Ditch (1)
Spacing 80'		Material Earthen
Page Ref. Manual 2.4		Page Ref. Manual 2:12
Structure Road Culvert	(B)	Structure Rip Rap (2)
Spacing 12" diameter		Material Log
Page Ref. Manual 2:7		Page Ref. Manual
Structure Rip Rap.	(C)	Structure (3)
Spacing Log		Material_
Page Ref. Manual		Page Ref. Manual DECENTER
All structures should be inspected commercial timber is to be cut and s cut and removed from the site before	tacked and	and repaired if necessary. All all brush and small timber to be
		OIL & GAS DIVISION
OK R	EVEGETATIO	DEPT. OF MINE
Treatment Area I		Treatment Area II
or correct to pH 4 Tons/acr	e	Time Same as Area I Tons/acre 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 Hay 2 Tons/acm	e	Mulch Tons/acre
seed* 81% Orchard Grass/15% Rycbs acre		Seed* lbs/acre
Kentucky 31 Fescue 16 lbs/acre		lbs/acre
Red Clover 8 lbs/acre		lbs/acre
*Inoculate all legumes such as vatch Inoculate with 3X recommended emount.	, trefoil	and clovers with the proper bacterium.
	PIAN PRE	FARED BY William Ambrose 09/08/2023
NOTES: Please resucer landounere'		ADDRESS Rt. 2, Box 51A
ecoperation to protect new		Base of the second seco
specify for one growing season. Attach separate sheets as		Walker, WV 26180
necessary for comments.	FK	ONE NO. 679-3970

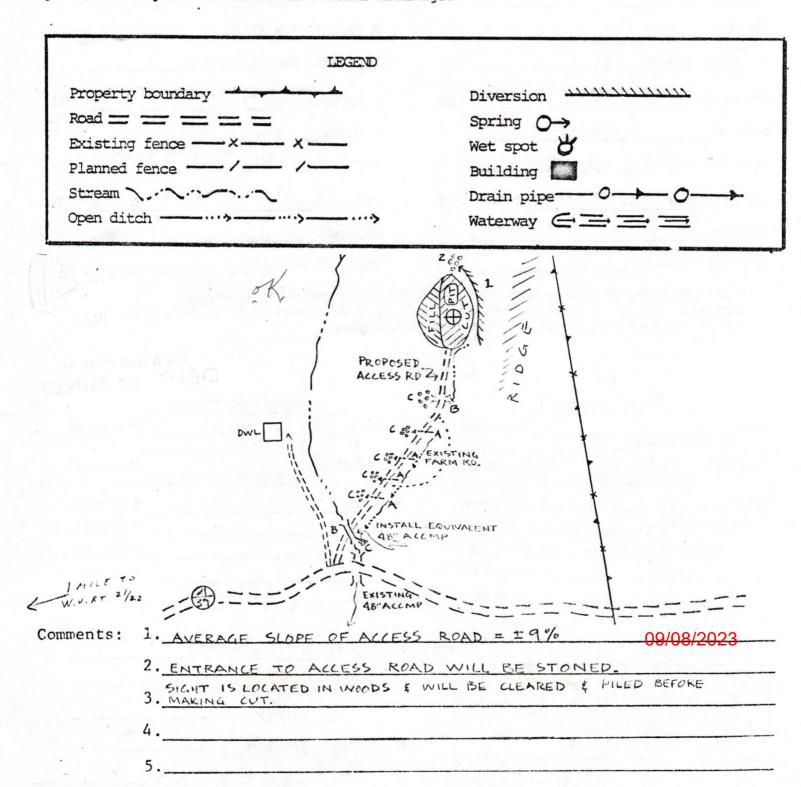
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.

QUADRANGLE RIPLEY

LEGEND WELL SITE BACCESS ROAD-



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





1)	Date: Janu	uary	19	Sec. 2		_, 1984
2)	Operator's Well No.	(EM #	347		(8	PORMIY 20
3)	API Well No.	47	-	035	-	1864-REN
		State		Count	y	Permit

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

RENEW

				AF	PLICA	TION FOR A WE	LL WORK PERMI	<u>r</u>			
4) WELL TY								DIFICATIONS			
			Production 757		\		Sycamore C	/ Deep	_/ Shallow _	٨	_/)
5) LOCATIO			Riple			Watershed: _ County:	Jackson		Ripley		
6) WELLOI					n & 1	Mining Co.		DAGENT R. A.	Pryce		
Addres		0. Bo	Charles Tolk Age The Control of the Control				Address	Same			165
			od, WV	26]	64						
8) OIL & GAS INSPECTOR TO BE NOTIFIED Name አካለት ኢት አን						9) DRILLING CONTRACTOR: Name _ Clint Hurt					
Addres	e X	XXXXXX	XXXXXX	XXXXX	KEI-	-Bx 101-A , WV 25271	Address	P. O. Box Elkview, W	IV		
10) PROPOSI	ED WELL		Drill	.,			/ Redrill	/ Stimulate	X	277	RIA
			Plug of	f old f	ormation		rate new formation		1263		7
						n well (specify)		· ·	1		1
11) GEOLOG	ICAL TAR	GET FOR	MATION,		evon:	ian Brown S	hale		EEB >	7 100	A Game
						fee	t sales		I LU	5 1.0	
						feet; sal		feet.	OIL & GAS	DIVIS	510.
						Is c	oal being mined in th	e area? Yes	No_	MI	NE
15) CASING	AND TUB					5 1 2			LI I. OF	TATE	T. A ment
CASING OR TUBING TYPE	Size	Grade	Weight per ft.	New	Used	FOOTAGE For drilling	Left in well	OR SACKS (Cubic feet)	PACKE	RS	
Conductor									Kinds		
Fresh water	10 3/	4"		X		250	250	150 sks Cla	ass A onto	surf	face
Coal	711			V		2077	2077	1,65 sks 50/	50 pozmix		
Intermediate	7"	h.,		X		2277 4909	2277 4909	I JUU SKS LIZ	ALS A		
Production	4 1/	7"		X		4303	4303	224 3K3 307	Depth QZmix		
Tubing						TOPRO SCUE			P. C		
Liners									Perforations:	Datta	
700		Parama		vot.or	VIII I	occurrences s	ATRICE OF CERTAIN	all proper or sett	Тор	Botton	D ord 3
	3000						7.00				
	1000						- 3/6				
									Para dia alia		
			1		AT LAND	OFFICE USE	ONLY		- Da Mena 1		
				11		DRILLING PI	ERMIT		hauet	NaO I	Ilew
	47-	-035-18	364-REN					March 5,	44011011	19	84
Permit number	71	033 10	JOT REIN	- 9.	2.34.7		12 A		tellinb sill lo	10000	-
quirements subj	ect to the c	onditions	contained l	nerein a	nd on th	e reverse hereof. N	otification must be	ed to drill in accordangiven to the District Or	nce with the perti	inent le	gal re- efer to
						vork has commenc			Davies 170	10997	HS W
	vork is as d	escribed in	the Notice	e and A	pplicatio	on, plat, and reclan	nation plan, subject	to any modifications a	and conditions sp	ecified	on the
reverse hereof.	Mar	ch 5,	1986						- waterful intouring	on many	
Permit expires	Fidi	. CH 3,	1700			unless we	II work is commenced	d prior to that date and	prosecuted with	due dili	gence.
									SPECTIONS	41. Ac	HTO
Bond:	Agen	nt:2	Plat:	Casin		Fee				Reas	
	di		IM	111	12	30	7	111			

Administrator, Office of Oil and Gas



OFFICE USE ONLY

	/ Deep		Linderground Watershedt		'', Fraduction		LOCATIC
SP 1013	:elancibra@		County			District	
	A GENT THE DA	2) DESIGNATED	.03 paraint	a horter		BRATOR	WELLOP
	24 2986						Addres
	MOJUMA LINK	9) DRILDING CO		ey Teylad		SINSPECTOR T	PLESS AND
	x02 . 0 . /4						
门团队門们到的一			dechet dechet			D WELL WORK	PROPOSI
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			e in well (specify) stricted i nown Sin			WALLER TARGET IN	CHARLOSE
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OIL & GAS DIVISIO.	, 1981		fedin Pali				
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	61 Juane DET						
	ALA 252 HA						
Dopole	100 000 0000	OFFIC	E USE ONLY	- X		27.4 /12.4	luetion
Pc: forations ²	100	Offic	E OSE ONET				51
	1. \ '- 4 1.41	e dates of certain	occurrences and	any follow	v-up inspec	tions.	
	b) is to record the	c dates of certain					
		Date			<u></u>	Date((s)
This part of Form IV-2(Date	Follow-up in	nspection(s	_	Date((s)
This part of Form IV-2(Date	Follow-up ir)	Date((s)
This part of Form IV-2(Application received		Date	Follow-up in)	Date((s)
This part of Form IV-2(Application received Well work started	. Valorek 13.	Date	Follow-up ir)	Date((a)
This part of Form IV-2(Application received Well work started Completion of the drilling	ng	Date YGMO TIMSK	Follow-up ir	,,	18 k	#800- V .9.	alt aumber
This part of Form IV-2(Application received Well work started Completion of the drilling	ng)	Date Yavo HWM	Follow-up in	ork novapol	1.804. – REN	# ₹ ₹ − () ; 5 ± with the velt offer to the condition of	alt number
This part of Form IV-2(Application received Well work started Completion of the drilling	ng)	Date VII/O I permission grants of permission from the being in eddition, the we	Follow-up in	onte notice of the notice of t	18 oc EEN ator and well rs contained i	e (g − g 3 5 s ming the vett after condition of the cond	alt number permit cow corents surjustification
Application received Well work started Completion of the drillingrocess Well Record received	d to diffice according d to diffice according when to the Interior as cont il operator or as cont	Date Yano History poregramed to igned known make illine owner in deciding on a few arts, notificed in a few arts.	Follow-up in Sevidence with the reverse in the reverse in the reverse in the reverse of work has commance	ode novacol no bne nicroi telle an are telle an are	1.8 ov. – REN ator and well is contained i	Æ ₹ − 0.35 a. wring the well of the condition the construction of as inspector 24 ho	alt aumber , sowens eowens aunju eowens aunju eorens aunju eorens aunju eorens eoren eoren eorens eo
Application received Well work started Completion of the drilling	d to diffice according d to diffice according when to the Interior as cont il operator or as cont	Date Yano History poregramed to igned known make illine owner in deciding on a few arts, notificed in a few arts.	Follow-up in	ode novacol no bne nicroi telle an are telle an are	1.8 ov. – REN ator and well is contained i	eving the veli of a color to the condition of a superior don of as inspector 24 to on, is as described	alt aumber , sowens eowens aunju eowens aunju eorens aunju eorens aunju eorens eoren eoren eorens eo
Application received Well work started Completion of the drilling process Well Record received Reclamation completed	March F	Date YIMO Of Definisation greates of Definisation greates in addition, the we dry, autor plan, subject to	Follow-up in Servicence was below is servicence with the reverse in the received work has commence of work has commence ition, pig, and reclam	ode novacol no bne nicroi telle an are telle an are	1.8 ov. – REN ator and well is contained i	Æ ₹ − 0.35 a. wring the well of the condition the construction of as inspector 24 ho	alt aumber, pentis cow contents subject of the total processor pentited with the total pentited with t
Application received Well work started Completion of the drillingrocess Well Record received Reclamation completed	March F	Date YIMO Of Definisation greates of Definisation greates in addition, the we dry, autor plan, subject to	Follow-up in Servicence was below is servicence with the reverse in the received work has commence of work has commence ition, pig, and reclam	ode novacol no bne nicroi telle an are telle an are	1.8 ov. – REN ator and well is contained i	eving the veli of a color to the condition of a superior don of as inspector 24 to on, is as described	all number opening cowards cowards subject of the control of the complete of the competition was neget to
Application received Well work started Completion of the drilling process Well Record received Reclamation completed	March F	Date YIMO Of Definisation greates of Definisation greates in addition, the we dry, autor plan, subject to	Follow-up in Servicence was below is servicence with the reverse in the received work has commence of work has commence ition, pig, and reclam	ode novacol no bne nicroi telle an are telle an are	1.8 ov. – REN ator and well is contained i	eving the veli of a color to the condition of a superior don of as inspector 24 to on, is as described	all number opening cowards cowards subject of the control of the complete of the competition was neget to

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

COAL OWNER'S COPY



1) Date:	January 19		, 19 84
2) Operator Well No.		7	
3) API Well	No. 47	035	1864
	State	County	Permit

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

RENEW

				A	PPLICAT	ION FOR A WE	LL WORK PERM	<u>111</u>	
4) WELL TYI	PE: A O	il	/ Ga	s	X/				
	В (І	f "Gas", 1	Production	ı	X	_/ Underground	d storage	/ Deep	_/ Shallow/)
5) LOCATIO	N: Ele	vation: _	757	1		_ Watershed:	Sycamore	Creek	
		trict:	Riple			County:	Jackson	Quadrangle:	Ripley
6) WELL OP	ERATOR	Kaiser	Explo	rati	on & M	ining Co.	7) DESIGNAT	ED AGENT R. A.	Pryce
Address	P.	0. Be	x 8				Address	Same	
	Ray	venswo	od, WV	26	164				
8) OIL & GA	SINSPEC	TOR TO	BE NOTII	FIED	anhaha	ak		CONTRACTOR:	
Name ×M	omer vo	öngner	ty Jul	ry r	- De 1	Bw 101 A	Name	lint Hurt	
Address						Bx 101-A WV 25271	Address	P. 0. Box	
		conegv	7470 <u>7</u> ^	品春 77	threa,	VSV in Jan 1 is		Elkview.	X
10) PROPOSE	D WELL Y	WORK:			_/ Drill			/ Stimulate	
							orate new formation	on/	
						well (specify)	12. 9		
						an Brown S			
12) Estima						fee			
13) Appro							lt,		
14) Appro						Is c	oal being mined in	the area? Yes	/ No/
15) CASING A	ND TUBI								
CASING OR TUBING TYPE		SPEC	IFICATIONS Weight			FOOTAGE	INTERVALS	OR SACKS	PACKERS
	Size	Grade	per ft.	New	Used	For drilling	Left in well	(Cubic feet)	
Conductor						0.00	050	350 -1 - 03-	Kinds
Fresh water	10 3/	44		X		250	250	150 sks Cla	ss A onto surface
Coal	79			V		2277	2277	.65 sks 50/	Sizes pozm1x
Intermediate	/"	00		X		4909	4909	224 5KS 507	SS A
Production	4 1/	2"		X		75.04.03	7203	EET 369 001	Depths set
Tubing									
Liners									Perforations:
									Top Bottom
					1 1				
			INS	TRUC	TIONS TO	COAL OPERA	TOR, OWNER, O	R LESSEE	
	The r	named coa	loperator	coal o	wner(s) a	nd coal lessee are	hereby notified tha	at any objection they wis	h to make or
								ithin fifteen (15) days aft	
	of this Ap	plication	by the Dep	partmer	nt.				
		TT1 C 11							
								y coal owner or coal less be issued within fifteen (1	
					pplication.		if the perime is to t	oe issued within titteen ()	"
						WAIVER	1		
The undersign	ed coal ope	rator			_/ owner		/ lessee	/ of the co	oal under this well location has
									en added to the mine map. The
						this location, pro	ovided, the well ope	erator has complied with	all applicable requirements of
the West Virgini	a Code and	the gove	rning regu	iations.					
		1	m 11	10.	1				
		, 1	THE	MIT	Y		and the same and the same and the		
Date:			, 1	9			Ву	Let from	1

1) Date: January 20 ,19 84

2) Operator's

Well No. KEM #347

3) API Well No. 47 - 035 - 1864 State County Permit

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

NOTICE	OF	APPLICATION	FOR	Δ	WET.T.	MORK	DEPMIT
	-	****	TOIL		11	11000	

				Z111011 1 01	C A WILLIAM	WILL.	- TTATT			
	Name Po	R(S) OF RECOR		ERVED	5(i)	COAL	OPERATOR	None		
(ii)			5271		5(ii)	COAL Name		WITH DECI	ARATION O	N RECORD
,,	Address					Add	dress	1. A. C		
(iii)	Name Address					Name Add	iress			
						COAL Name		ITH DECLAR	ATION ON	RECORD:
			n in indige in an in in indige in a			Add	iress			
		TO THE PERSON(S)	NAMED ABOVE:	You should have	received thi	s Form	and the folio	Wing documents:		
		(1) The Applito be pl	ication for a W ugged, which se ribes the well	Well Work Permi	it on Form IV-	2(B) (o	r Form IV-4 i	f the well is		

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) - STRACTION RIGHTS

Check and provide one of the following:

☐ Included is the lease or leases or other continuing contract or contracts by which

I hold the right to extract oil or gas.

The requirement of Code 22-4-1-(c)(1) through (4). (See reverse side for specifics.)

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and

Reciamation Plan.	spiritation, plac, and construction and
The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by	OPERATOR Kaiser Exploration and Mining Company By C. A. P. — Its General Manager
R. A. Pryce this day of Serman, 1984. My commission expires -8/30, 1993.	Address P. O. Box 8 Ravenswood, WV 26164 Telephone 304 273 5371
Notary Public, Jackson County, State of West Virginia	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, 22-4-2, 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 Pa	ce
Clifford W. Randolph	Kaiser Exploration and Mining Company	1/8 of prevailing field price	180/279

SURFACE OWNER'S COPY



1)	Date: January 19	. 19 84
2)	Operator's KEM #347	1
11 C 30 14	API Well No. 47	035 1864

State

	STATE	OF WEST V	IRGINIA	FALC S
DEPART	MENT OF	MINES, OII	AND GAS	DIVISION
Appr	ICATION I	COD A WIEV		

RENEW

County

) WELL TY	PE: A Oil		GasX					
	B (If '	'Gas'', Produ		1386	_/ Underground	storage	/ Deep	✓ Shallow
LOCATIO	A CONTRACTOR OF THE PARTY OF TH	tuon.	57 TEMAN				reek	
	Distr		9	on 8 524	The state of the s	Jackson	Quadrangle:	rvce
at the second second	ERATOR &	BAY B	ioratio	in er pi	ining Co.	Service of the servic	ED AGENT R. A. F	1 7 6
Address	S Pauce	newand 1	4V 261	6A	and Appendix to the St.	Address	9805C	
OIL & GA	S INSPECTO	OP TO BE N	OTIFIED	1.276.276	and the state of the state of	9) DRILLING	CONTRACTOR	The state of the s
Name Ho		nerty			Mark Market	Name C11		Commence of the Service of
Address		den Rt.,	Box 3A		A STATE OF THE STA	Address	. P. O. Box 3	188
Signifuncts	Loor	neyville	. WY	an Alland	de de la companya de	Andrews all	Elkview, N	I of the state of the state of the
PROPOSE	ED WELL W	ORK: Dri	11 X	_/ Drill	deeper	/ Redrill	/ Stimulate	
		Plu	g off old	formation	/ Perfo	orate new formatio	n/	DEGET
		2000年2月1日 - 1000年 - 1			well (specify)			III July
		Oth					The state of the s	
er salakan kanalan banda.		ET FORMAT	ION,	evonta	an Brown Sh	ale		
12) Estima	ated depth of	ET FORMAT completed we	ION,		an Brown Sh	(A. A. C. Carlotte		N FEB 2 5 10:4
12) Estima 13) Appro	ated depth of eximate trata	ET FORMAT completed we depths: Fres	ION, II, h,	evonta	in Brown Sh feet feet; sal		feet.	FEB 2.5 MA
12) Estima 13) Appro 14) Appro	ated depth of eximate trata o eximate coal se	ET FORMAT completed we depths: Fres eam depths:	ION,	evonta	in Brown Sh feet feet; sal	(A. A. C. Carlotte	CONTRACTOR STATE OF THE STATE O	1 + + 1 2 5 10,4
13) Appro 14) Appro CASING A	ated depth of eximate trata o eximate coal se	ET FORMAT completed we depths: Fres eam depths: _ G PROGRAM	ION,	evonta	feet; sal	t lt, oal being mined in t	he area? Yes	CHI. OF MINI
12) Estima 13) Appro 14) Appro CASING A	ated depth of eximate trata o eximate coal se	ET FORMAT completed we depths: Fres eam depths: _ G PROGRAM SPECIFICAT We	ION,	evonta	feet; sal		CONTRACTOR STATE OF THE STATE O	CIL AND SOLVED A CIL AND SOLVED A PACKERS
12) Estima 13) Appro 14) Appro CASING A ASING OR UBING TYPE	ated depth of oximate trata oximate coal so AND TUBINO	ET FORMAT completed we depths: Fres eam depths: _ G PROGRAM SPECIFICAT We	ION,	evonia 909	feet; sal Is co	t it, oal being mined in the intervals Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS Kinds
12) Estima 13) Appro 14) Appro CASING A ASING OR UBING TYPE	ated depth of oximate trata oximate coal so	ET FORMAT completed we depths: Fres eam depths: _ G PROGRAM SPECIFICAT We	ION, 4	evonia 909	feet; sal	t lt, oal being mined in th INTERVALS	cement fill-up or sacks	PACKERS
12) Estima 13) Appro 14) Appro CASING A ASING OR UBING TYPE	ated depth of oximate trata oximate coal so AND TUBINO	ET FORMAT completed we depths: Fres eam depths: _ G PROGRAM SPECIFICAT We	ION,	evonia 909	feet; sal Is co	t it, oal being mined in the intervals Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS Kinds
12) Estima 13) Appro 14) Appro CASING A ASING OR UBING TYPE	ated depth of oximate trata oximate coal so AND TUBINO	ET FORMAT completed we depths: Fres eam depths: _ G PROGRAM SPECIFICAT We	ION, 4	evonia 909	feet; sal Is co	t it, oal being mined in the intervals Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS Kinds S A ONTO SUFFACE Sizes O TO X
12) Estima 13) Appro 14) Appro CASING A ASING OR UBING TYPE sh water al	ated depth of oximate trata oximate coal so AND TUBINO	ET FORMAT completed we depths: Fres eam depths: _ G PROGRAM SPECIFICAT We	ION, 4	evonia 909	feet; sal Is co FOOTAGE For drilling	t t t, oal being mined in the intervals Left in well 250	CEMENT FILL-UP OR SACKS (Cubic feet) 150 SKS Class 65 9ks 50/	PACKERS Kinds Sizes C 7 m X
12) Estima 13) Appro 14) Appro CASING A ASING OR UBING TYPE Inductor the water If the control of the control	ated depth of oximate trata oximate coal so AND TUBINO	ET FORMAT completed we depths: Fres eam depths: _ G PROGRAM SPECIFICAT We	ION, 4	evonia 909	feet; sal Is co FOOTAGE For drilling	t t t, oal being mined in the intervals Left in well 250	CEMENT FILL-UP OR SACKS (Cubic feet) 150 SKS Class 65 9ks 50/	PACKERS Kinds S ON O SUTTAGE Sizes 771 X Depths set
12) Estima 13) Appro 14) Appro CASING A ASING OR UBING TYPE ductor th water 1 rmediate duction ting	ated depth of oximate trata oximate coal so AND TUBINO	ET FORMAT completed we depths: Fres eam depths: _ G PROGRAM SPECIFICAT We	ION, 4	evonia 909	feet; sal Is co FOOTAGE For drilling	t t t, oal being mined in the intervals Left in well 250	CEMENT FILL-UP OR SACKS (Cubic feet) 150 SKS Class 65 9ks 50/	PACKERS Kinds S A ONTO SUFFACE Sizes O TO X
12) Estima13) Appro14) Appro	ated depth of oximate trata oximate coal so AND TUBINO	ET FORMAT completed we depths: Fres eam depths: _ G PROGRAM SPECIFICAT We	ION, 4	evonia 909	feet; sal Is co FOOTAGE For drilling	t t t, oal being mined in the intervals Left in well 250	CEMENT FILL-UP OR SACKS (Cubic feet) 150 SKS Class 65 Sks Class 224 SKS 50/	FACKERS Kinds Sizes 770 Depths set Perforations:

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those naterials.

(For execution	by corporation, partnership, etc.)	(For execution by natural persons)	
NAME:		- Offferd Handofph Date: 2/14/	84
By Its _	_Date_		

AFFIDAVIT OF PERSONAL SERVICE ON SURFACE OWNER

STATE OF West of Country OF gackson:
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) × / Form IV-3(A) / Form IV-4(A) / (2) Application on Form IV-2(B) × / Form IV-3(B) / Form IV-4(B) / (3) Plat showing 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. Kem 347 located in District, Garban County, West Virginia, upon the person or organization named
Clifford W. Randolph son of Perry Randolph
by delivering the same in Yackson County, State of We. on the 16 day of Feb., 19 84 in the manner specified below.
- [COMPLETE THE APPROPRIATE SECTION]
For an individual: [] Handing it to him / her / 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 Clifford W Rondolph 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 / attorney in fact / named
FEB 2 3 1984 (Signature of person executing service)
OIL & GAS DIVISION
Taken, subscribed and sworm before me this 21 day of 46. 1984. My commission expires 00 28, 1993
Stephen W Kelly
(AFFIX SEAL IF NOTARIZED IF OUTSIDE THE STATE) Notary Public Commissioner



10.				
IV-35	And stunes with the	Date	July	6, 1984
(Rev 8-81)	e of West Wirgi	Operato	KEM 34	7 Randolph
	Department of Mines	Farm_	Perry	Randolph
	il and Gas Division	API No.	47 - 03	- 1864
011111111	of Julius 2 1812			
WELL	OPERATOR'S REPOR	ar Signal of the signal of	DIS	CEIME
DRILLING, FRACTURING AN		OR PHYSICAL		14
			D	EC 1 3 1984
WEIL TYPE: Oil / Gas X / Liquid (If "Gas," Production X /	Injection / Wa	ste Disposa	OIL 8	GAS DIVISION
			mention part is to make the se	1184-XMIN
LOCATION: Elevation: 757 Wat				
District: Ripley Cou	mty Jackson	Quadrangle	Rip	ley
•				
COMPANY Kaiser Exploration and Mining	Co.			10 pt 10 pt 1 x 1
ADDRESS P.O. Box 8, Ravenswood, WV 20	-	Used in	Left	Cement
DESIGNATED AGENT R. A. Pryce				fill up Cu. ft.
ADDRESS same	Size	2111119	DI WELL	Cu. IC.
SURFACE OWNER Perry Randolph, et al	20-16			
ADDRESS Rt. 1, Box 306, Ripley, WV	25271 Cond. 10 13–10"	3/4"	254'	175 sx Clas 3% caCl,1/
MINERAL RIGHTS OWNER same	9 5/8		254	celloflake
ADDRESS same	8 5/8			Taker, kind of the
OIL AND GAS INSPECTOR FOR THIS WORK_	Jerry 7		2204'	175 sx 50/5 10% salt.1
Tephabock ADDRESS Rt. 1, Ripley,		100 sv cl		celloflake. CaCl.1/4#/s
PERMIT ISSUED	4 1/2	100 3% 01	4299'	225 sx 50/5
DRILLING COMMENCED 5-18-84				10% salt,12 #/sx Gilso
DRILLING COMPLETED 5-23-84	2			
IF APPLICABLE: PLUGGING OF DRY HOLE CONTINUOUS PROGRESSION FROM DRILLING				
REWORKING. VERBAL PERMISSION OBTAINS				
ON				
GEOLOGICAL TARGET FORMATION Dev	onian Brown Shale	Dept	h 4055	feet(k
Depth of completed well 4310 (- minimum			
Water strata depth: Fresh N/A	feet; Salt	N/A feet	Top Hole Fluid	Drilled on
Coal seam depths: N/A	Is coa	al being mine	ed in the	area? NO
OPEN FLOW DATA				
Producing formation Devonian	Brown Shale E	ay zone dept	h 405	5 feet(
Gas: Initial open flow 0	Mcf/d Oil: I	Initial open	flow_	0 Bbl/d
*Final open flow 1008	Mcf/d F	final open f	Low0	Bb1/d
Time of open flow bet	ween initial and	final tests	72 ho	urs
Static rock pressure 1020 ps	sig(surface measur	ement) after	5 hou	rs shut in
(If applicable due to multiple of				
Second producing formation Ber	ea Sandstone I	Pay zone dept	th 0949	8/202 3 eet
Gas: Initial open flow 0				
*Final open flow 1008	Mcf/d Oil: I	Final open f	low0	Bbl/d

Time of open flow between initial and final tests 72 hours

(Continue on reverse side)

Static rock pressure 850 psig(surface measurement) after 5 hours shut in

* Open Flow is Combined.

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

- 5-29-84 Young's Wireline perforated the Brown Shale with 18 holes (.39" dia) from 3959' to 4250'(KB).
- 5-30-84 Nowsco fractured the Brown Shale with 75% foam. Breakdown pressure: 2100 psig. Breakdown fluid: foam. Treating pressure: 2350 psig. Used: 60,000# 20/40 sand; Total nitrogen: 665 mscf; total sand laden fluid: 199 bbl; total fluid: 276 bbl. ISIP: 1500 psig 5 min SIP: 1200 psig.
 - Young's Wireline perforated the Berea with 16 holes (0.39" dia) from 2445' to 2449' 4 holes/ft.
 - Nowsco foam fractured the Berea with 75% foam. Breakdown pressure: 2100 psig. Fluid: foam. Treating pressure: 2000 psig. Used: 60,000# 20/40 sand; total nitrogen: 650 mscf; total sand laden fluid: 199 bbls. Total fluid: 276 bbls. ISIP: 1950 psig. 5 min SIP: 1700 psig.

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Soil and Shale Sand Shale Siltstone Sand Shale & Siltstone Sand Shale & Siltstone Dunkard Sands Shale Salt Sands Big Lime (Greenbrier) Shale Big Injun Sand Shale Coffee Shale Berea Sand Shale Brown Shale Shale Total Depth	0 60 95 187 318 374 580 640 1166 1570 1700 1812 1984 2017 2086 2430 2452 2458 3672 4260	60 95 187 318 374 580 640 '1166 1570 1700 1812 1984 2017 2086 2430 2452 2458 3672 4260 4323	S/G S/G @ 3336, 3408 S/G @ 4026, 4118

(Attach separate sheets as necessary)

Kaise	r Exploration	and	Mining	Company
Wel	1 Operator			
By:	R. A. Pryce		RA	P09/08/2023
Date:	July 6, 1984			
Sales and the sales and the sales are	1	Service of the service of	THE RESIDENCE OF THE PARTY OF T	

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 that, encountered in the drilling of a well."

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 035 186	54				Oil or	Gas Well	
Company Kaisel	r Exploration		CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKE	RS
Address			Size	The second secon			
Farm	Randolph		16			Kind of Packe	r
	Kem 347	entre entre	13	X 9		Size of	
District	County_Jack	son	81/4			Size of	
Orilling commenced	5 17 84	(Market from editors assigning on	65%		-	Depth set	
Orilling completed	Total depth		5 3/16			Perf. top	Marie Company of Assertation
Date shot	Depth of shot		2			Perf. bottom_	
nitial open flow	/10ths Water in	Inch	Liners Used		Free child Microsoft Control of C	Perf. top	
Open flow after tubing	/10ths Merc. in	Inch				Perf. bottom_	
/olume		_Cu. Ft.	CASING CEME	NTED	SIZE	No. FT	Dat
lock pressure	lbs	hrs.	NAME OF SER	VICE COMPA	NY		
Dil	bbls., 1st	24 hrs.	COAL WAS EN	COUNTERED	AT	_FEET	_INCHES
resh water	feet	feet	FEET_	INCH	ES	FEET	LINCHES
alt water	feet	feet	FEET_	INCH	ES	FEET	INCHES
Prillers' Names							
		PROTECTION CONTRACTOR AND			an digit kaman kanan kanan kanan kanan digit digit dan dajah digit kanan kanan kanan kanan kanan kanan kanan k	di distributa di Princi del menceso dende contre no endigida que redizione de carda Robert	

Spud Date 5 17 84

Remarks:

09/08/2023

5 17 84

Form 26 2/16/82

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

				****	II No			
OMPANY			ADDRESS					
FARMDISTRIC			TCOUNTY					
illing Material Used								
iner Loc	cation	Amount	Packer	Location				
PLUGS USED A	ND DEPTH PLACED		BRIDGES	CASING AND TUBING				
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOS		
						-		
illers' Names					nes made a fermane and referen	To the second service of the second		

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

DATE

Permit No. 035 1864

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



INSPECTOR'S WELL REPORT

OIL & GAS DIVISION

DEPT 35 OF MINES

Company Kaiser Exploration	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKERS
Address	Size			
Farm Randolph	16			Kind of Packer
Well No. Kem 347	13			Size of
DistrictCounty_Jackson	81/4	-		
Drilling commenced 5 17 84	6%			Depth set
Drilling completedTotal depth	5 3/16			
Date shotDepth of shot	3			Perf. top
Initial open flow/10ths Water inInch	Liners Used		3	Perf. top
Open flow after tubing/10ths Merc. inInch				Perf. bottom
VolumeCu. Ft.	CASING CEMEN	NTED	SIZE	No. FTDate
Rock pressure lbs hrs.	NAME OF SER	VICE COMPA	NY	
Oilbbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	FEETINCHES
Fresh water <u>feet</u> feet	FEET_	INCH	ES	FEETINCHES
Salt water feet feet	FEET_	INCH	ES	FEETINCHES
Drillers' Names	FEET_	INCH	IES	FEET INCHE

TD 131/4 hole at 10:00PM at 288 Ran 6 jts 103/4 csg set 264K B Noscoe ran 175 s

sacs class a Neat Plug down 12:15 AM 5 18 84

WOC

Remarks:

5 18 84



DATE

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES





			ADDRESS			
ARM		DISTRICT	(COUNTY		
illing Material Used						
ner Lo	cation	Amount	Packer	Location	L	
PLUGS USED	AND DEPTH PLACED		BRIDGES	CASIN	G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOS
,						·
and the second s				1		
				-		
				777 277		
llers' Names				-		
ilers Names				and the second s	enterprise money expens	
marks:						

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





OIL & GAS DIVISION DEPT. OF MINES

State of West Virginia Department of Mines Gil and Gas Division

Charleston 25305

FINAL INSPECTION REPORT INSPECTORS COMPLIANCE REPORT

COMPANY	Kaiser Exploration	PERMIT NO 47,035 1864 - REN.
	P. O. Box 8	FARM & WELL NO Randolph Kem 347
	Ravenswood, WV 26164	DIST. & COUNTY Jackson
		IN COMPLIANCE
RULE	DESCRIPTION	YES NO
23.06 25.04 25.03 16.01 15.03 15.02 15.01 15.04 15.05 23.02 25.01 23.04 23.05 23.07 16.01 16.02 7.05	Notification Prior to Star Prepared before Drilling High-Pressure Drilling Required Permits at Wells Adequate Fresh Water Casta Adequate Coal Casing Adequate Production Casta Adequate Cement Strenght Cement Type Maintained Access Roads Necessary Equipment to Pracelaimed Drilling Pits No Surface or Underground	arting Work to Prevent Waste site ing revent Waste
Your wel	1 record was received and	NED WELL AND RECOMMEND THAT IT BE RELEASED: SIGNED Jean Tephalol DATE 7 19 84 reclamation requirements approved. In accordance on 2, the above well will remain under bond Administrator-Oil & Gas Division
		January 30, 1985
		DATE

