1)	Date:_	May 9	, 19_83

2) Operator's Well No. KEM #342

035 3) API Well No. 47 1834

lint Hurt			DE	EPART	STA MENT	TE OF WEST VII OF MINES, OIL	RGINIA AND GAS I	DIVISION	r softie val. N		th ad or its
anne orchice en la rannes	outer vin	rensio:			2530	S WELL PERMIT	mare Cita	are ho	Shiro Louis		ont Millor (Ab.). lew effets
ons not della	di odaçle	n biuft	ratio ils	Lus i	an lett	ter the warpin	ast "Gas	las i szai	bill organic	in sov:	of transfer
WELL TYPE:	A Oil		_/ Gas _	X	_/						a Lipias
LOCATION:		on:		^	UEG 10	/ Underground st Watershed:					
				E011.4	1,000	County: Ja					
						Mining Con					
Address			ood, W			off All conduct	Addı	ress _	Sam	e	Z" s Tilp"
OIL & GAS		vensw	Jou, W	V	20104			-	U.3 113 cm	A zietk	WALESTAN
						<u>ensqu</u> no molit	COAL (OPERAT	OR None	e no	Camball (a
Address			Box 3				Addı	ress _	lationog2-eaft	ettra.	listo riosa.
Acreage			, WV			13	COAL (OWNER	S) WITH DEC	CLARA	TION ON RECORD:
SURFACE OV	WNER_M	laple .	Jewell			nout e					Prosent s
Address	S	ame as	sabove	9			Addr	ress _			tenohgo (e
Acreage							Name _	0se-§22	d of grund	1.10.5	290£ 308 411
FIELD SALE	(IF MADE) TO:	au Districti	26.07	tenomin	sa railingaaraa	Addr		in anti-	92 1 7 3 m2	10 1000 1000
Address							by store	2. St. 1	ara Jago	33. Phen	mand m
OH 2 C12	IGDE	D TO 57	Norve			14				ARATIO	ON ON RECORD;
OIL & GAS IN						oran (Y-2 <u>strail</u>	Name _	None	SCHOOLS CHOOLS IN THE STATE OF	The second	5111
Address	Linden	Rt.,	Box 3	A	Guar	of the work to	trac oc o	less and	sioner	GEN. D	in manage
	Looney	ville	WW				HE WOL	ado nou	TENTOO THE	MIT	Y 1 0 1983
		KIN COLUMN	, VV V			/ Redrill		/ Frants	ire or stimula		1
PROPOSED V		Drill	<u>\</u> / 1	Drill d		1. 1. 2. 2. C. C. C. S. C. S.				te	mysomana (d)
PROPOSED V		Drill	old form	Drill dation_		/ Perforate n			THE REAL PROPERTY.	BELL WIT	& GAS DIVISION
		DrillPlug off Other phy	old formatical changes	Drill dation_ age in v	vell (spec	/ Perforate n	ew formati	ion		BELL WIT	& GAS DIVISION
GEOLOGICA	L TARGET	Drill Plug off Other phy FORMA ompleted v	old formation of the control of the	Drill d ation_ ge in v Devo	vell (spec	Perforate n	ew formati	ion	/ DI	BELL WIT	The Paris of Paris Contract of the Paris of
GEOLOGICA 17) Estimated 18) Approxim	L TARGET depth of co	Drill Plug off Other phy FORMA ompleted verata depth	old formatical changes of the control of the contro	Drill dation_ age in v	vell (spec nian	Perforate noisify) Brown Shale feet feet;	ew formati	ion		BELL WIT	r. of MINES
GEOLOGICA 17) Estimated 18) Äpproxim 19) Approxim	L TARGET depth of co late water st late coal sea	Plug off Other phy FORMA ompleted v trata depth m depths:	old formation,well,s: Fresh	Drill dation_ age in v	vell (spec nian	Perforate n cify) Brown Shale feet feet; Is coal	salt,	ed in the a		OIL EP	T. OF MINES
GEOLOGICA 17) Estimated 18) Approxim 19) Approxim CASING AND	L TARGET depth of co ate water st ate coal sea	Plug off Other phy FORMA Ompleted v rata depth am depths: PROGRA	old formation,	Drill dationage in v	vell (spec nian	Perforate n cify) Brown Shale feet feet; Is coal	ew formati	ed in the an		EP	No.
GEOLOGICA 17) Estimated 18) Approxim 19) Approxim CASING AND	L TARGET depth of co late water st late coal sea D TUBING	Plug off Other phy FORMA Ompleted verata depth am depths: PROGRA	old formation of the control of the	Drill dation	vell (spec	Perforate n cify) Brown Shale feet feet; Is coal	ew formati	ed in the ar	feet. rea? Yes	CIL.	T. OF MINES
GEOLOGICA 17) Estimated 18) Approxim 19) Approxim CASING AND CASING OR TUBING TYPE	L TARGET depth of co ate water st ate coal sea	Plug off Other phy FORMA Ompleted v trata depth am depths: PROGRA	old forms visical chan TION, vell, ss: Fresh	Drill dationage in vDevo	well (spec	Perforate n cify) Brown Shale feet feet; Is coal	ew formati	ed in the ar	feet. rea? Yes	CIL.	PACKERS
GEOLOGICA 17) Estimated 18) Approxim 19) Approxim CASING AND CASING OR TUBING TYPE	L TARGET depth of co late water st late coal sea D TUBING	Plug off Other phy FORMA Ompleted verata depth am depths: PROGRA SPE Grade	old formation of the control of the	Drill dation	vell (spec	Perforate n cify) Brown Shale feet feet; Is coal	ew formati	ed in the ar	feet. rea? Yes CEMENT FILL OR SACK: (Cubic feet	CIL.	No
GEOLOGICA 17) Estimated 18) Approxim 19) Approxim CASING AND CASING OR TUBING TYPE Conductor resh water	L TARGET depth of colate water state coal sea D TUBING	Plug off Other phy FORMA Ompleted verata depth am depths: PROGRA SPE Grade	old formation of the control of the	Drill dation_ age in v Devo	vell (spec	Perforate notify) Brown Shale feet feet; Is coal	ew formati	ed in the and selection well	feet. rea? Yes CEMENT FILL OR SACKS (Cubic feet	L-UP S S)	No
GEOLOGICA 17) Estimated 18) Äpproxim 19) Approxim CASING AND CASING OR TUBING TYPE Conductor resh water coal intermediate	L TARGET depth of colate water state coal sea D TUBING Size 10 3/4	Plug off Other phy FORMA Ompleted v rata depth om depths: PROGRA SPE Grade	old formation of the control of the	Drill dation	vell (spec	Perforate notify) Brown Shale feet feet; Is coal FOOTAGE For drilling 250 2120	ew formati	ed in the and so well	feet. rea? Yes CEMENT FILL OR SACKS (Cubic feet	LUP SS)	PACKERS Kinds Class A to surf
GEOLOGICA 17) Estimated 18) Approxim 19) Approxim CASING AND CASING OR TUBING TYPE conductor resh water total intermediate reduction	L TARGET depth of colate water state coal sea D TUBING	Plug off Other phy FORMA Ompleted v rata depth om depths: PROGRA SPE Grade	old formation of the control of the	Drill dation_ age in v Devo	vell (spec	Perforate notify) Brown Shale feet feet; Is coal FOOTAGE For drilling	ew formati	ed in the and so well	feet. rea? Yes CEMENT FILL OR SACKS (Cubic feet	LUP SS)	No
GEOLOGICA 17) Estimated 18) Approxim 19) Approxim CASING AND CASING OR TUBING TYPE onductor resh water oal attermediate roduction ubing	L TARGET depth of colate water state coal sea D TUBING Size 10 3/4	Plug off Other phy FORMA Ompleted v rata depth om depths: PROGRA SPE Grade	old formation of the control of the	Drill dation	vell (spec	Perforate notify) Brown Shale feet feet; Is coal FOOTAGE For drilling 250 2120	ew formati	ed in the and so well	feet. rea? Yes CEMENT FILL OR SACKS (Cubic feet	LUP SS)	PACKERS Kinds Class A to surf Sizes D POZMIX
GEOLOGICA 17) Estimated 18) Approxim 19) Approxim CASING AND CASING OR TUBING TYPE onductor resh water oal intermediate roduction ubing	L TARGET depth of colate water state coal sea D TUBING Size 10 3/4	Plug off Other phy FORMA Ompleted v rata depth om depths: PROGRA SPE Grade	old formation of the control of the	Drill dation	vell (spec	Perforate notify) Brown Shale feet feet; Is coal FOOTAGE For drilling 250 2120	ew formati	ed in the and so well	feet. rea? Yes CEMENT FILL OR SACKS (Cubic feet	LUP SS)	PACKERS Kinds Class A to surf Sizes Depozmix Depozmix
GEOLOGICA 17) Estimated 18) Approxim 19) Approxim CASING AND CASING OR TUBING TYPE onductor resh water oal attermediate roduction ubing	L TARGET depth of colate water state coal sea D TUBING Size 10 3/4	Plug off Other phy FORMA Ompleted v rata depth om depths: PROGRA SPE Grade	old formation of the control of the	Drill dation	vell (spec	Perforate notify) Brown Shale feet feet; Is coal FOOTAGE For drilling 250 2120	ew formati	ed in the and so well	feet. rea? Yes CEMENT FILL OR SACKS (Cubic feet	LUP SS)	PACKERS Kinds Class A to surf Sizes Demozmix Demozmix Perforations:
GEOLOGICA 17) Estimated 18) Approxim 19) Approxim CASING AND CASING OR TUBING TYPE conductor resh water coal attermediate roduction ubing iners	depth of collate water state coal season TUBING Size 10 3/4 7" 4 1/2	Plug off Other phy FORMA Ompleted v rata depth om depths: PROGRA SPE Grade	old formativisical changers of the control of the c	Drill dation_ age in v De vo NS New X X X	vell (spec nian	Perforate notify) Brown Shale feet feet; Is coal FOOTAGE For drilling 250 2120 4849	ew formati	ed in the and so well	feet. rea? Yes CEMENT FILL OR SACKS (Cubic feet) 150 S KS 100 S KS 225 S KS	E-UP S) XXX X 50/5	PACKERS Kinds Class A to surform to be provided to the surform to be provided to the surform to the surform to be provided to the surform to
GEOLOGICA 17) Estimated 18) Approxim 19) Approxim 19) Approxim CASING AND CASING OR TUBING TYPE onductor resh water oal atermediate roduction ubing iners	depth of collate water strate coal season TUBING Size 10 3/4 7" 4 1/2	Plug off Other phy FORMA Ompleted verata depth om depths: PROGRA SPE Grade	old formation,	Drill dation_ age in v De vo NS New X X X	vell (spec nian	Perforate notify) Brown Shale feet feet; Is coal FOOTAGE For drilling 250 2120	ew formati	ed in the and so well	feet. rea? Yes CEMENT FILL OR SACKS (Cubic feet) 150 S KS 100 S KS 225 S KS	E-UP S) XXX X 50/5	PACKERS Kinds Class A to surf Sizes DOZMIX Deparamix Perforations: Top Bottom
GEOLOGICA 17) Estimated 18) Approxim 19) Approxim CASING AND CASING OR TUBING TYPE Conductor Fresh water Coal Intermediate Production Tubing Liners EXTRACTION Check and pro-	depth of collate water state coal season TUBING Size 10 3/4 7" 4 1/2 N RIGHTS vide one of it is the leas	Plug off Other phy FORMA Ompleted verata depth am depths: PROGRA SPE Grade III	old formation of the control of the	Drill dation_ age in v De vo	well (specinian)	Perforate in cify) Brown Shale feet feet; Is coal FOOTAGE For drilling 250 2120 4849	ew formati	ed in the are so that the are	feet. rea? Yes CEMENT FILL OR SACK: (Cubic feet) 150 S KS 165 S KS 225 S KS	E-UP S) > XXXX	PACKERS Kinds Class A to surf Sizes DOZMIX Depart Zmix Perforations: Top Bottom
GEOLOGICA 17) Estimated 18) Approxim 19) Approxim CASING AND CASING OR TUBING TYPE conductor resh water coal intermediate roduction ubing iners EXTRACTION Check and pro	depth of colate water state coal season TUBING Size 10 3/4 7" 4 1/2 N RIGHTS vide one of is the leas uirement of	Plug off Other phy FORMA Ompleted verata depth am depths: PROGRA SPE Grade II Ithe follo e or lease f Code 22:	old formation of the control of the	Drill dation_ age in v De vo	well (specinian)	Perforate in cify) Brown Shale feet feet; Is coal FOOTAGE For drilling 250 2120 4849	ew formati	ed in the are so that the are	feet. rea? Yes CEMENT FILL OR SACK: (Cubic feet) 150 S KS 165 S KS 225 S KS	E-UP S) > XXXX	PACKERS Kinds Class A to surf Sizes DOZMIX DeplozmiX Perforations: Top Bottom
GEOLOGICA 17) Estimated 18) Approxim 19) Approxim 19) Approxim 19) Approxim 19) CASING AND CASING OR TUBING TYPE onductor resh water oal intermediate roduction ubing iners EXTRACTION Check and pro Included The requ ROYALTY PR Is the right to expect the content of the content	depth of collate water state coal season TUBING Size 10 3/4 7" 4 1/2 N RIGHTS vide one of a is the leason water, processor water, processo	Plug off Other phy FORMA Ompleted verata depth am depths: PROGRA SPE Grade II Ithe follo e or lease f Code 22: Siduce or ma	old formation of the control of the	Drill dation_ age in v De vo NS New X X X X in throught or gas X	Used Used Used Used Used Used Used Used	Perforate in cify) Brown Shale feet feet; Is coal FOOTAGE For drilling 250 2120 4849 tract or contracts in See reverse side for the side of the side	salt, being mine E INTERVALS Left in 25 482 by which I left r specifics.)	ed in the are some some some some some some some som	feet. rea? Yes	SO/5 50/5 oil or a	PACKERS Kinds Class A to surf Sizes Dozmix DeipQzmix Perforations: Top Bottom
GEOLOGICA 17) Estimated 18) Approxim 19) Approxim 19) Approxim 19) Approxim 19) CASING AND CASING OR TUBING TYPE onductor resh water oal intermediate roduction ubing iners EXTRACTION Check and pro Included The requ ROYALTY PR Is the right to esimilar provision	depth of collate water state coal search of TUBING Size 10 3/4 7" 4 1/2 N RIGHTS vide one of a is the least uirement of ROVISIONS attract, proceeding for common	Plug off Other phy FORMA Ompleted verata depth am depths: PROGRA SPE Grade II Ithe follo e or lease f Code 22- Siduce or ma pensation	old formation of the control of the own of the own of the control	Drill dation_ age in v De vo NS New X X X X in throught or gas X	Used Used Used Used Used Used Used Used	Perforate in cify) Brown Shale feet feet; Is coal FOOTAGE For drilling 250 2120 4849 tract or contracts in See reverse side for the side of the side	salt, being mine E INTERVALS Left in 25 482 by which I left r specifics.)	ed in the are some some some some some some some som	feet. rea? Yes	SO/5 50/5 oil or a	PACKERS Kinds Class A to surf Sizes Dozmix DeipQzmix Perforations: Top Bottom
GEOLOGICA 17) Estimated 18) Approxim 19) Approxim 19) Approxim CASING AND CASING OR TUBING TYPE Conductor resh water coal intermediate roduction ubing iners EXTRACTION Check and pro Included The requ ROYALTY PR Is the right to estimilar provision produced or made answer above	depth of collate water state coal season TUBING Size 10 3/4 7" 4 1/2 N RIGHTS vide one of it is the least uirement of ROVISION attract, proconfor commarketed? is No, not	Plug off Other phy FORMA Ompleted verata depth am depths: PROGRA SPE Grade II Ithe follo e or lease f Code 22- Siduce or ma pensation Yes hing addit	old formation of the control of the own of the own of the control	Drill dation_ age in v De vo New X X X X X X ill or ga	Used Used Used Used Used Used Used Used	Perforate in cify) Brown Shale feet feet; Is coal FOOTAGE For drilling 250 2120 4849 tract or contracts in See reverse side for the side of the side	salt, being mine E INTERVALS Left in 25 482 by which I is r specifics.)	d in the and so well s	feet. rea? Yes	SO/5 50/5 oil or a	PACKERS Kinds Class A to surform Sizes Dozmix Deparamix Perforations: Top Bottom gas.
GEOLOGICA 17) Estimated 18) Approxim 19) Approxim 19) Approxim CASING AND CASING OR TUBING TYPE Conductor resh water coal Intermediate roduction ubing iners EXTRACTION Check and pro Included The requ ROYALTY PR Is the right to esimilar provisic produced or me e answer above Required Copie	L TARGET depth of colate water state coal sea D TUBING Size 10 3/4 7" 4 1/2 N RIGHTS vide one of d is the leas uirement of ROVISIONS attract, proceed on for commarketed? is No, not es (See reverse)	Plug off Other phy FORMA ompleted v rata depths m depths: PROGRA SPE Grade "" "" "" "" "" "" "" "" ""	old formations of the control of the own of the own of the own of the control of	Drill dation	Used Used Used Used Used Used Used Used	Perforate in sify) Brown Shale feet feet; Is coal FOOTAGE For drilling 250 2120 4849 tract or contracts in See reverse side for gas in place whiteseer is Yes, you make the sife of the series of the series in place whiteseer is Yes, you make the sife of the series of the series in place whiteseer is Yes, you make the series of the ser	salt, being mine E INTERVALS Left in 21 482 by which I ler specifics.) er continuing ich is not in may use Aff	both the angle of the second o	feet. rea? Yes CEMENT FILL OR SACKS (Cubic feet 150 sks 150 sks 225 sks right to extract tor contracts prelated to the rm IV-60.	SO/5 50/5 oil or a	PACKERS Kinds Class A to surf Sizes DOZMIX Departmix Perforations: Top Bottom gas.
GEOLOGICA 17) Estimated 18) Approxim 19) Approxim 19) Approxim 19) Approxim CASING AND CASING OR TUBING TYPE Conductor resh water coal intermediate roduction ubing iners EXTRACTION Check and pro Included The requ ROYALTY PR Is the right to esimilar provision produced or made answer above Required Copies Copies of this named coal op	L TARGET depth of colate water state coal sea D TUBING Size 10 3/4 7" 4 1/2 N RIGHTS vide one of d is the least uirement of ROVISIONS extract, proconfor commarketed? is No, not es (See reverse Permit Appearator, coal	Plug off Other phy FORMA Ompleted v Trata depth Im depths: PROGRA SPE Grade "" The follo The	old formation of the control of the own of the control of the cont	Drill dation_ uge in v De VO NS New X X X X Continu throught or gas rer of the closed.	Used Used Used Used Used Used Used Used	Perforate in cify) Brown Shale feet feet; Is coal FOOTAGE For drilling 250 2120 4849 tract or contracts in See reverse side for gas in place white swer is Yes, you make the reclamation plan	being mine E INTERVALS Left in 21 482 by which I have been may use Affinary us	both the angle of the second o	feet. rea? Yes CEMENT FILL OR SACKS (Cubic feet 150 sks 150 sks 225 sks right to extract tor contracts prelated to the rm IV-60.	oil or a roviding volume	PACKERS Kinds Class A to surf Sizes Depart X De
GEOLOGICA 17) Estimated 18) Approxim 19) Approxim 19) Approxim CASING AND CASING OR TUBING TYPE onductor resh water oal atermediate roduction ubing iners EXTRACTION Check and pro Included The requ ROYALTY PR Is the right to esimilar provisic produced or me e answer above Required Copie Copies of this	depth of collate water state coal sea of TUBING Size 10 3/4 7" 4 1/2 N RIGHTS vide one of dist he leas uirement of course, proconfor commarketed? is No, not es (See reverse) errator, coaleston, Westeron, Wester	Plug off Other phy FORMA Ompleted were at depth and depths: PROGRA SPE Grade The follo e or lease f Code 22: Siduce or ma pensation Yes hing addit crse side.) plication (a li owner(s) st Virginia	old formate visical chance visital visita	Drill dation_ age in v De VO NS New X X X X Continue through ill or gas agner of the ceded. closed l lessee	Used Used Used Used Used Used Used Used	Perforate in cify) Brown Shale feet feet; Is coal FOOTAGE For drilling 250 2120 4849 tract or contracts in See reverse side for pan a lease or other programmer of the core gas in place which is were is Yes, you in reclamation plant efore the day of the contracts of the core gas in place which is the core gas in place gas in place which is the core gas in place gas gas in place gas in pl	being mine E INTERVALS Left in 21 482 by which I have been may use Affinary us	both the angle of the second o	feet. rea? Yes CEMENT FILL OR SACKS (Cubic feet 150 sks 150 sks 225 sks right to extract tor contracts prelated to the rm IV-60.	oil or a roviding volume	PACKERS Kinds Class A to surf Sizes Depart X De
GEOLOGICA 17) Estimated 18) Approxim 19) Approxim 19) Approxim CASING AND CASING OR TUBING TYPE conductor resh water oal attermediate roduction ubing iners EXTRACTION Check and pro Included The requ ROYALTY PR Is the right to eximilar provisic produced or may answer above Required Copie Copies of this named coal op Mines at Char Rotary:	L TARGET depth of colate water state coal sea to TUBING Size 10 3/4 7" 4 1/2 N RIGHTS vide one of d is the leas uirement of ROVISIONS attract, process for commarketed? is No, not ess (See reve Permit Apperator, coaleston, Western, Western, Western, Coaleston, Western, Western, Coaleston, Coaleston, Western, Coaleston, Western, Coaleston, Western, Coaleston, Coaleston, Western, Coaleston, Western, Coaleston, Coaleston, Western, Coaleston, Coa	Plug off Other phy FORMA ompleted v rata depths m depths: PROGRA SPE Grade "" "" "" "" "" "" "" "" ""	old formation of the control of the	Drill dation_ age in v Devo New X X X X Continue through ill or gas agreer of closed lessee	Used Used	Perforate in cify) Brown Shale feet feet; Is coal FOOTAGE For drilling 250 2120 4849 tract or contracts in See reverse side for pan a lease or other programmer of the core gas in place which is were is Yes, you in reclamation plant efore the day of the contracts of the core gas in place which is the core gas in place gas in place which is the core gas in place gas gas in place gas in pl	salt, being mine E INTERVALS Left in 21 48 boy which I have been me mailing of the mailing	d in the and so well 50 20 49 hold the resident Formailed by the delivery	feet. rea? Yes CEMENT FILL OR SACKS (Cubic feet 150 sks 65 sks 225 sks right to extract for contracts prelated to the rm IV-60. registered mail	oil or providing volume	PACKERS Kinds Class A to surf Sizes Dozmix Deplozmix Perforations: Top Bottom gas. g for flat well royalty or any of oil or gas so extracted, extracted by hand to the above ration to the Department of the De
GEOLOGICA 17) Estimated 18) Approxim 19) Approxim 19) Approxim CASING AND CASING OR TUBING TYPE Conductor resh water coal Intermediate roduction ubing iners EXTRACTION Check and pro Included The requ ROYALTY PR Is the right to esimilar provisic produced or me e answer above Required Copie Copies of this named coal op Mines at Char Rotary:	L TARGET depth of colate water state coal sea to TUBING Size 10 3/4 7" 4 1/2 N RIGHTS vide one of d is the leas uirement of ROVISIONS attract, process for commarketed? is No, not ess (See reve Permit Apperator, coaleston, Western, Western, Western, Coaleston, Western, Western, Coaleston, Coaleston, Western, Coaleston, Western, Coaleston, Western, Coaleston, Coaleston, Western, Coaleston, Western, Coaleston, Coaleston, Western, Coaleston, Coa	Plug off Other phy FORMA ompleted v rata depths m depths: PROGRA SPE Grade "" "" "" "" "" "" "" "" ""	old formation of the control of the	Drill dation_ age in v Devo New X X X X Continue through ill or gas agreer of closed lessee	Used Used	Perforate in cify) Brown Shale feet feet; Is coal FOOTAGE For drilling 250 2120 4849 tract or contracts in See reverse side for pan a lease or other programmer of the core gas in place which is were is Yes, you in reclamation plant efore the day of the contracts of the core gas in place which is the core gas in place gas in place which is the core gas in place gas gas in place gas in pl	salt, being mine E INTERVALS Left in 21 48 boy which I have been me mailing of the mailing	d in the and so well 50 20 49 hold the resident Formailed by the delivery	feet. rea? Yes CEMENT FILL OR SACKS (Cubic feet 150 sks 65 sks 225 sks right to extract for contracts prelated to the rm IV-60. registered mail	oil or providing volume	PACKERS Kinds Class A to surf Sizes DOZMIX Depozmix Perforations: Top Bottom gas. g for flat well royalty or any of oil or gas so extracted, wered by hand to the above
GEOLOGICA 17) Estimated 18) Approxim 19) Approxim 19) Approxim CASING AND CASING OR TUBING TYPE Conductor Fresh water Coal Intermediate Production Tubing Liners EXTRACTION Check and pro Included The request ROYALTY PR Is the right to estimilar provisic produced or made answer above Required Copies of this named coal op Mines at Char Notary:	L TARGET depth of colate water state coal sea to TUBING Size 10 3/4 7" 4 1/2 N RIGHTS vide one of d is the leas uirement of ROVISIONS attract, process for commarketed? is No, not ess (See reve Permit Apperator, coaleston, Western, Western, Western, Coaleston, Western, Western, Coaleston, Coaleston, Western, Coaleston, Western, Coaleston, Western, Coaleston, Coaleston, Western, Coaleston, Western, Coaleston, Coaleston, Western, Coaleston, Coa	Plug off Other phy FORMA ompleted v rata depths m depths: PROGRA SPE Grade "" "" "" "" "" "" "" "" ""	old formation of the control of the	Drill dation_ age in v Devo New X X X X Continue through ill or gas agreer of closed lessee	Used Used Used Used Used Used Used Used	Perforate in cify) Brown Shale feet feet; Is coal FOOTAGE For drilling 250 2120 4849 tract or contracts in See reverse side for pan a lease or other programmer of the core gas in place which is were is Yes, you in reclamation plant efore the day of the contracts of the core gas in place which is the core gas in place gas in place which is the core gas in place gas gas in place gas in pl	being mine E INTERVALS Left in 21 482 by which I have been me mailing of the	d in the and so well 50 20 49 hold the resident Formailed by the delivery	feet. rea? Yes CEMENT FILL OR SACKS (Cubic feet 150 sks 65 sks 225 sks right to extract for contracts prelated to the rm IV-60. registered mail	oil or providing volume	PACKERS Kinds Class A to surface Sizes Dozmix Department Top Bottom gas. g for flat well royalty or any of oil or gas so extracted, extracted by hand to the above cation to the Department of
17) Estimated 18) Approxim 19) Approxim 19) Approxim CASING AND CASING OR TUBING TYPE Conductor Fresh water Coal Intermediate Production Check and pro Included The request ROYALTY PR Is the right to essimilar provision produced or made answer above Required Copies Copies of this named coal op	L TARGET depth of collate water state coal sea to TUBING Size 10 3/4 7" 4 1/2 N RIGHTS vide one of dist he leas uirement of commarketed? is No, not es (See reverse) es (S	Plug off Other phy FORMA ompleted v rata depths m depths: PROGRA SPE Grade "" "" "" "" "" "" "" "" ""	old formate visical chance visital visita visital visital visital visital visital visital visital visital visita visita visita visita visita visita visita visita visita	Drill dation_ age in v Devo New X X X X Continue through ill or gas agreer of closed lessee	Used Used Used Used Used On or bo	FOOTAGE FOOTAG	being mine salt, being mine Left in 21 48 by which I have been many use Affinary use Affin	d in the and so well 50 20 49 hold the resident Formailed by the delivery	feet. rea? Yes CEMENT FILL OR SACKS (Cubic feet 150 sks 65 sks 225 sks right to extract for contracts prelated to the rm IV-60. registered mail of this Permit	oil or providing volume	PACKERS Kinds Class A to surface Sizes Dozmix Departmix Perforations: Top Bottom gas. g for flat well royalty or any of oil or gas so extracted, extended by hand to the above cation to the Department of

proper district oil and gas inspector 24 hours before actual permitted work has commenced.) date and prosecuted with due diligence. rilling is com

Permit expires	January .	10, 1984		unless d
Bond:	Agent: U	Plat:	Casing	Fee
RA	01	1 XX	(48f)	017771
	188	1+1	20	160006

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
 - 15) 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).

Date:

- 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.

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

	PULL AND	WAIVER	the days are of the properties of the properties where the
Tite distance of the property	/ owner	/ lessee	
			ea of the well location, the well location has been sed to be done at this location, provided, the well
			a Code and the governing regulations.
the state of the second	en de la companya		fatron trotted automore a recognitive graph of localities rapping

By

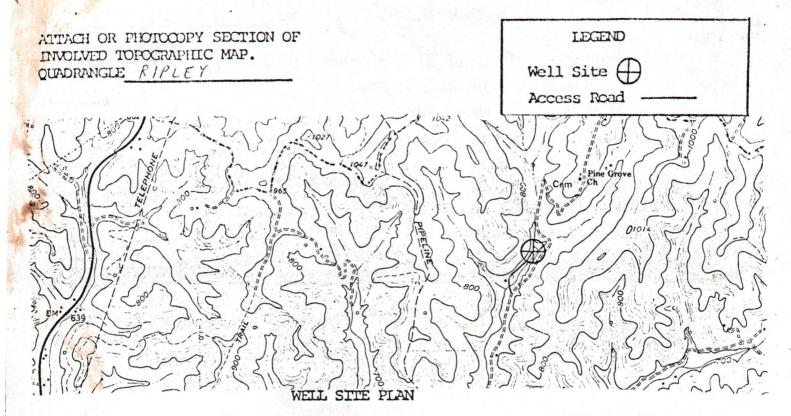
Its ____

DATE	M	ay	3,	1	983		
there y		-				 	

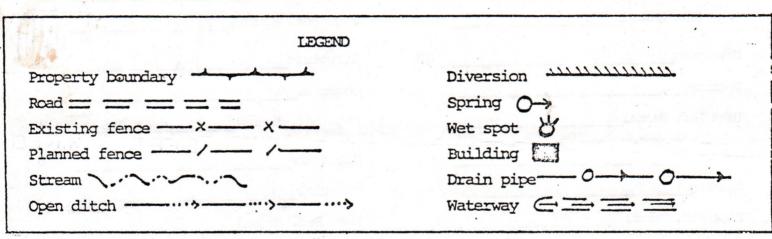
State of Mest Wirginia

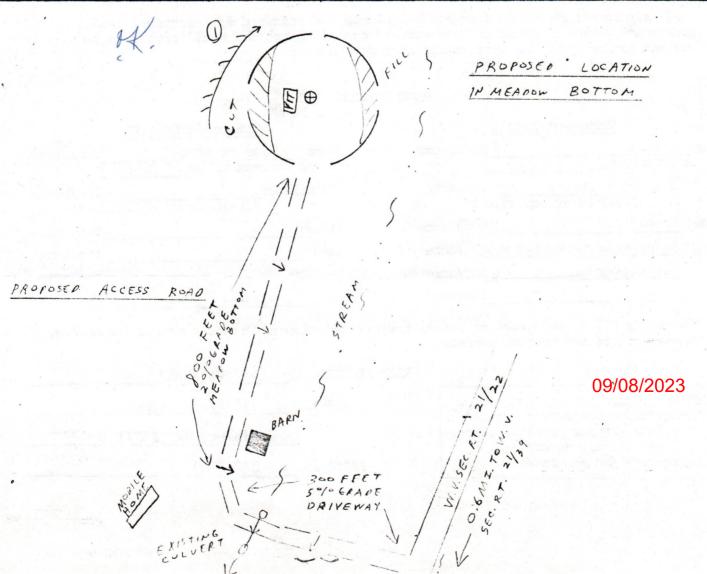
Pepartment of Mines
Oil and Gas Hivision

	ON AND REC		
COMPANY NAME Kaiser Exploration and M			
Address P. O. Box 8, Ravenswood, W	26164	Address	
Telephone 273-537]		Telepha	·
LANDOWNER Mapel Jewell		SOIL CON	S. DISTRICT Western
Revegetation to be carried out by	Kaiser Ex	ploration	and Mining Company (Agent)
This plan has been reviewed by	fles	tern	SOD. All corrections
and additions become a part of this pl	an: Ma		1983
	1/2	/ (Date	1/1/1
	Man	(SCD Ag	ent lughes !
ACCESS ROAD			
	in territor		LOCATION
tructure Cross Drains	(A)	Structim	e <u>Diversion Ditch</u> (1)
pacing . 250'		Material	Earthen
age Ref. Manual 2:4		Para Pof	. Manual 2:12
		rage Ret.	Falluar 2:12
tructure	(B)	Structure	2
pacing		Material	MAY 1 0 1983
age Ref. Manual			
age Ref. Palital		Page Ref.	
incture	(C)	Structure	DEPT. OF MIN
pacing			(5)
		Material	
age Ref. Manual		Page Ref.	Manual
All structures should be inspected commercial timber is to be cut and s cut and removed from the site before	tacked and	all brush begins.	red if necessary. All and small timber to be
Treatment Area I			Treatment Area II
me 4 Tons/acm	2	Lime Sa	
or correct to pH			ame as Area I Tons/acre
rtilizer 14-14-14 600 lbs/acre (10-20-20 or equivalent)		Fertilize	
1ch Hay 2 Tons/acre		14.1-1	(10-20-20 or equivalent)
ed*81% Orchard Grass/15% Ryelbs/acre		Mulch	Tons/acre
Red Clover 8 lbs/acre		Seed*	lbs/acre
lbs/acre	-	*********	lbs/acre
*Inoculate all legumes such as vetch, oculate with 3X recommended emount.	trefoil a	nd clovers	1bs/acre s with the proper bacterium.
	· FIAN PRIP	ARED BY	Vincent Wood
NOCES: Please request landouners!		PDRESS	. 09/08/20 23
seculing for one growing season.	~		Ripley, WV 25271
Attach separate sheets as necessary for comments.			
nocedoury for comments.	E.C.	VE NO.	372-2709



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.





LEASE SUMMARY

KEM # 342

Tract Discription

County: Jackson

District: Ripley

Acres: 93

Bounded By: North - Lucy Boyer

East - George Jewell
South - C. A. Jewell
West - Harlan Sayre

Lease Parties

Lessor(s): C. W. Jewell and Maple Jewell heirs

Lessee: Kaiser Exploration and Mining Company

Recording Information

Book and Page: 166/416

Royalty Provision

1/8 of prevailing field price

MAY 1 0 1983

OIL & GAS DIVISION
DEPT. OF MINES

	4
	多
	75
	458
50	

(Continue on reverse with)

DECEIVED tale of All	est Nicyi	174.16	(1.3).	27, 1983 342	regions of
JAN 1 9 1984 Zignerhueut	of Allinea		C. 7		
OIL & GAS DIVISION Oil and QS	noisidiff a	WEI W	0. 47	035 • 1834	
DEPT. OF MINES	RIC REPORT				
OF.					h
DRILLING, FRACTURING AND/OR STIL	AULATING,	OR PHYSIC	AT, CHANGI	E .	
CELL TYPE: Oil / Cos x / Liquid Injection (If "Gas," Production x / Undergro	on / Was	te Disposa ge/ Dec	al_/ ep_/sl	pallow /)	
OCMION: Elevation: 694 Watershed	Branch	of Sycamo	re Creek		
District: Ripley County J.	ackson	Onucleaned	TE CIEEK	-	
- Company of the comp	ackson.	_Quecutang1	.e Ri	pley	
	TO SECURE A AMERICAN CONTRACTOR AND ADMINISTRATION OF THE PARTY ADMINISTRATION OF THE PARTY AND ADMINISTRATION OF THE PARTY AND ADMINISTRATION OF THE PARTY ADMINISTRATION OF THE PARTY ADMINISTRATION OF THE PARTY ADMINISTRATION OF THE PARTY ADMINISTRATION	moderately and a second property of the columns of	er tradeura sussea u traves des ausses au		
OMPANY Kaiser Exploration and Mining Company		the extension of the continues of the co	whitefully hap maken your a the provide that phospholical		
DRIES P. O. Box 8, Ravenswood, WV.	Caping	Used in	T - C1	Conent:	
ESICIVATED AGENT Robert A. Pryce	Tubing	1	Left	fill up	
DORESS P. O. Box 8, Ravenswood, WV	Size	Drilling	un Well	Cu. ft.	
NEWCE CANER Maple Jewell	20-16		1	1	
DRESS Rt. 1, Box 311, Ripley, WV	Cond	· · Parlinderes, 1) of resources, the rests conductor effects.	anisha lipapa. 17 MM pasimosimina.	175 (1)	
NERAL RIGHTS OWNER C. A. Jewell	1% 10"3/4		262	175 Class /4#	-
DIVESS Same	9 5/8	- COLORDON COMPANION LANGUAGE AND ASSESSMENT AND ASSESSMENT AND ASSESSMENT AS	The second of th	F .	locel
L AND GAS INSPECIOR FOR THIS WORK Homer	8 5/8	AND DESCRIPTION OF THE PROPERTY OF THE PROPERT	and the second s	100	
Daugherty ADDRESS Linden Rt., Box 3-A,	7		2102	100 Class A 175 50/50 poz	
May 9, 1983 Looneyville, WV	5 1/2		no allegar d'un derjoir à la construit de la c	3% CaCl 10% s	
CLLING COMMENCED May 31, 1983	4 1/2	Mindre to the of the or or described	4250	200 sks 50/50 12.5#/sk Glls) poz sonit
LLING COMPLETED June 6, 1983	3	The section of Assessment of Section 2 of Section 2011		10	0% sa
APPLICABLE: PLUGGING OF DRY HOLE ON	Liners used		oordinaansi kanaan ka aan aa a		
LOGICAL TARGET FORMATION		The second secon			
Depth of completed well foot De	hale	Depth	4000	feet	
4359 KB LCCL KO	TATU W	Calala	(11.2 - 7		
Late St. N/A LCCC: S	3 1 1 11 10	Cash			•
Coal seam depths: None	Is coal be	ing mined	in the a	nca? No.	
Producing formation Upper & Lower Brown Shale Gas: Initial open flor: No.	Pay n	ona denth	2211 4		1
Gas: Initial open flow N/A Nof/d Oi	1. Triti	one depen	3311 - 4	151 feet:	
Final open flow 255 Mcf/d	Prince	u. open ti	.OW	Bbt/d	
Time of open flow between initial	EJIMA.	open 110		Bb1/d	
Static rock pressure psiglourfles w	ana rinal	tests	1 hour	S	
Static rock pressure psig(surface multiple completion)	Servin Custre	of ten	hours		
Second producing formation Remarks				09/08/202	23
Second producing formation Berea Sandstone Gas: Initial open flow N/A MST/A OF	Pay 20	ne depth	2360-2364	fcet:	
Cas: Initial open flow N/A Maf/d oi: Pinal open flow 200 Maf/d oi:	r: Juitia	J. open fl.	0.4	161/a	
17 1/11 01		Open flex		14.1 /.1	
The state of the s	(1) (() 1)	torret es	1		
Static reck pressure 950 paig (an face no.	nament)	alter.	hours	olmt: in	!

inicit)

THIS OF PERCONATED INTERVALS, FRACTURING OR STIMULATING, PHESECAL CHANGE, LING.

6/09/83 Brown Shale Perforated at 3311 - 4151 w/41 shots (.41" dia)

6/10/83 Brown shale Frac: Two stage foam fracture; lst stage Total fluid 275 bbl Total N₂ 759 mscf
Total sand 60,000# ISIP 2650 psig. 5 minute SIP 1500 psig
2nd stage: Total fluid 275 bbl Total N₂ 800 mscf. ISIP 1500 psig Total Sand 60,000#

20/40 5-minute SIP 1400 psig

6/14/83 Berea Perforated: 2360 - 2364 w/16 shots (.40" dia)

6/16/83 Berea Frac: 50 bbl X-link pad total fluid 680 bbl. sand 60,000# 20/40 Total N₂ 260 ms of

ISIP 2000 psig 5-minute SIP 1620 psig

WELL LOG

			• .
MIJON COLOR HARD OR SOFT	TOP FEET	BOTTOM FEEL	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Soil and Shale Sand Shale Sand Shale Siltstone and Shale Shale Sand Shale Dunkard Sand Shale Sand Shale Salt Sands Big Lime (Greenbrie Shale Big Injun Shale Coffee Shale Berea Sandstone Shale Brown Shale Shale Total Depth	890 1224 1238 1274 1346 1363 1396 1662	107 300 495 560 666 890 1224 1238 1274 1346 1363 1396 1662 1802 1892 1916 2004 2340 2364 2370 3592 4158 4369	S/g @ 3924,4150

(Attach separate sheets as necessary)

Kaiser Exploration and Mining Compa	my
Well Operator	09/08/2023
Dy: VAP	the territories where these weeks the control to th
Date:	and a new foreign and address of the second and the

Fore: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, just ling

Permit No. 035-1834

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES



OIL AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION DEPT. OF MINES

Oil or Gas Well___

				(Kin	01	
Company Kaiser Exp	, + Mining Co.	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACK	ERS
Address Ravenswood	L, W.YA	Size				
Farm C. A. Jewell	Heirs	16			Kind of Pacl	cer
Well No. 42		13				
District Ripley	County Facksoz	81/4			Size of	
Drilling commenced		65/8			Depth set	
		5 3/16				
Drilling completed	Total depth	3			Perf. top	
Date shotDep	th of shot	2			Perf. bottom	-
Initial open flow/	10ths Water inInch	Liners Used			Perf. top	
Open flow after tubing/	10ths Merc. inInch				Perf. bottom.	
Volume	Cu. Ft.	CASING CEMEN	NTED	_SIZE	No. FT	Date
lock pressurelbs	hrs.	NAME OF SER	VICE COMPA	NY		
Dil	bbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	FEET	_INCHES
Fresh waterfeet	feet	FEET_	INCH	ES	FEET	_INCHES
Salt waterfeet	feet	FEET_	INCHI	ES	FEET	_INCHES
Drillers' Names 6, 8 ta	roher	John A	Inches 7	L D	-60:	
Cling Hurt Lemarks: 5/31/83 Mo Read						
demarks: 5/91/83 M	wena an	Biagol	un R.	+ Halo	D. 11	1
Road	1. 4. 54.	ton in	II S	CITOLE	Prilled	(
11 eac	xy vo star	Drill	ing Jul	rface	Hole	
			- 40			

Homes & Doggo 8/20
DISTRIGIT WELL ING

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

			455555			
COMPANY			ADDRESS			
ARM		DISTRICT		OUNTY		
Filling Material Used						A
ming material Osed	and the second of the second o	and the same of th				
Liner Loc	ation	Amount	Packer	Location		
PLUGS USED A	ND DEPTH PLACED		BRIDGES	CASIN	G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOS
3						
~	27					
		And the second s				
rillers' Names				-		
emarks:			-			
		14				
		2				

09/08/2023

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION



INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

ermit No. <u>035- 1</u>	1834			Oil or	Gas Well
ompany Kaise	er Exp. + Mmin	casing Tubin	AND USED IN DRILLING	LEFT IN WELL	PACKERS
dress Rayen	swood, W.V.	Size			
m CiA. to	well Heirs	16	3		Kind of Packer
I No. Kes	m 342	13		255	Gi
rict Ripley	County				Size of
	5/31/83			2102	Depth set
ing completed	6/83 Total depth	4359 53/16_			
shot	Depth of shot				Perf. top Perf. bottom
l open flow	/10ths Water	inInch Liners Use	ed		Perf. top
	/10ths Merc.				Perf. bottom
			EMENTED /0	SIZE 75.	5 No. FT 6/1/8-Bate
pressure	lbs	1	F SERVICE COM		, ,
	bbls	., 1st 24 hrs. COAL WA	S ENCOUNTERE	D AT	FEETINCHES
water	feet	feetF	EETINC	CHES	FEETINCHES
vater	feet	feetF	EETINC	CHES	FEETINCHES
rs' Names 6	Starcher	Push	er John	Archond	
		face hole 4		The state of the s	
6/1/83	Prilled sur	face hole 4	run 255	FG. 6 F 10	3" pipe
4/1/09	Plug Down	Surface with 1:00 AM by the 6. of 7" Pipe to	talliburto	n of Reg.	3 % C,C.
6/4/83	Ran 2102 F	Gof 7" Pipe 1	cement	ed with	100 Sacks
GG 83	Prilled in	Ks of 5530P F.D. 4359 Wil	11 run uk	bare :	2:00 AM 6/4
1/102		7	01	Of 1	1 caroning

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No				77.00	II No		
COMPANY			ADDRESS				
FARM		COUNTY					
Filling Material Used.							
Liner Lo	cation	Amount	Packer	Packer Location			
PLUGS USED A	AND DEPTH PLACED		BRIDGES	CASIN	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOST	
·							
					-		
			* * * * * * * * * * * * * * * * * * * *				
						4	
Prillers' Names		-			and an extension of the second		
Remarks:							
DAYE	I hereby certify I v	risited the abov	e well on this date.				

B11

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

FINAL INSPECTION REQUEST

INSPECTOR'S COMPLIANCE REPORT



OIL & GAS DIVISION

DEPT. OF MINES

Permit No.	035 1834	County .	JACK	50 m	
Company		Farm			
Inspector		Well No.	Kem	342	
Date	13084		(
- MORE OF TRANSPORT					
	•			IN COMP	LIANCE
RULE	DESCRIPTION		data. The Control of Special State of Local Edition Control	Yes	No
23.06	Notification Prior to starting Work			colaminate dell'establish	
25.04	Prapared before Drilling to prevent	waste		AND THE PROPERTY OF THE PROPER	
25.03	High-Pressure Drilling			e Smith of the Association	
16.01	Required Permits at wellsite				***************************************
15.03	Adequate Fresh Water Casing			water-equilibries to CARCED	energio-ottomic/subterts
15.02	Adequate Coal Casing				***************************************
15.01	Adequate Production Casing			exclusional destruction of the	
15.04	Adequate Cement Strength				
23.02	Maintained Access Roads			~	-
25.01	Necessary Equipment to prevent Waste				
23.03	Reclaimed Drilling Site				-
23.04	Reclaimed Drilling Pits				
23.05	No surface or underground Pollution				
7.03	Identification Markings				
COMMENTS:	'				
			-		
1	-				
			Militari e Materiala de Primor Producero antique de Consenta de Conse		
			MATTERS (SECTION ASIA) - A AND AND AND A PARTICULAR ASIA	Market and the state of the sta	

I have inspected the above well and (HAVE/HAVE NOT) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia.

SIGNED: 13 6 8 4 09/08/2023



State of Mest Birginia

Bepartment of Mines Charleston 25305

WALTER N. MILLER
Director

JOHN D. ROCKEFELLER, IV. Governor

March 5, 1984

Kaiser Exploration & Mining Company P. O. Box 8
Ravenswood, W. Va. 26164

Gentlemen:

The required records and reports have been received in this office and the District Inspectors have submitted FINAL INSPECTIONS for the following wells listed below:

PERMIT NUMBER	FARM AND WELL NUMBER	DISTRICT
JAC-1671 JAC-1769 JAC-1834	William & Buddie Hall, KEM #192 Glenn F. Thompson, KEM #249 C. A. & Maple Jewell Heirs, KEM #342	Ripley Ripley Ripley.
Wood-1180-PP-FRAC	. James Blair, KEM #134	Lubeck

In accordance with Chapter 22, Article 4, Section 2, the above captioned wells will remain under bond coverage for "life of wells." Reclamation requirements have been approved.

Very tru

Theodore M. Streit, Administrator Dept. Mines-Office of Oil & Gas

TMS/rl

15

PROPOSED

W. PAYNE

INTERSECTIO

WESTVACO

J-388 (08

❖

56 E9

6-10 FILE NO. MINIMUM DEGREE OF

ACCURACY. PROVEN SOURCE OF

ELEVATION ROAD INTER. 3,700' S.W. OF LOCATION

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGU-LATIONS ISSUED AND PRESCRIBED BY THE DEPART-MENT OF MINES.

(SIGNED) Vince

L.L.S.

PLACE SEAL HERE

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION



DATE APRIL 26 OPERATOR'S WELL NO. KEM 342 API WELL NO.

1834 47 035 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

WELL TYPE: OIL ___GAS X LIQUID INJECTION___ WASTE DISPOSAL_

(IF "GAS,") PRODUCTION & STORAGE ___ DEEP ___ SHALLOW X LOCATION: ELEVATION 694 WATER SHED BRANCH OF SYCAMORE

RIPLEY JACKSON DISTRICT. COUNTY_

QUADRANGLE RIPLE Y

JEW ELL 68 _ACREAGE __

SURFACE OWNER ___ MAPLE 9309/08/2023 C.A. HEIRS OIL & GAS ROYALTY OWNER. JEWELL LEASE ACREAGE_

LEASE NO. 91 - 09 - 1511

PROPOSED WORK: DRILL X CONVERT __ DRILL DEEPER __ REDRILL _FRACTURE OR

STIMULATE __PLUG OFF OLD FORMATION ___PERFORATE NEW FORMATION ___OTHER PHYSICAL CHANGE IN WELL (SPECIFY).

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG

TARGET FORMATION DEVONIAN BROWN SHALE ESTIMATED DEPTH 4849 WELL OPERATOR KAISER EXPLOR. + MIN. CO. DESIGNATED AGENT KAISER EXPLORATION AND MINTH & CO. P.O. BOX 8

ADDRESS. RAYENSWOOD, W.V. 26164

ADDRESS P.o. BOX 8 RAVENSWOOD, W. V. 26164