

Feb. 14 1) Date:_

2) Operator's Well No.__ Hinkle # 1

085 47 6273 3) API Well No. _ State County Permit

DRILLING CONTRACTOR:

Gene Stalnaker, Inc. P.O. Box 178

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

OIL A	ND	GAS	WELL	PERMIT	APPLICATION
OIL A	YI'V	UAS	WELL	LEWMIII	AFFLICATION

Address & GAS YALTY OV Address Acreage RFACE OW Address Acreage LD SALE Address & GAS IN neSa Address F DPOSED W DLOGICAL Estimated Approxima	Elevation District ATOR General Service ATOR Genera	ion: t: cne S O.Bo envi essie The U erris Of len essie The U erris Of l	755 Murph talna x 178 lle, Conr nion ville 60 Jones LA. B tos, NOTIFIE hman 6 Smi 97 x / old forms ysical chan ation, _ well, _ hs: Fresh circication Weight	y ker WV ad Ban , W' arra CA Drill dation age in w	Jance 2635 Hinkl k of V 26 ance 9402 ille, well (spec	Watershed:	Conrad Ri Conrad Ri DESIGNATEI Address COAL OPERA COAL OWNE Name Address Name Address COAL LESSE Name Address Frace w formation Le alt, being mined in the	Quadrangle: Quadrangle: P.O. Glenv ATOR N/a E WITH DECLARAT N/a cture or stimulate feet.	Burnt House 7. Stalnaker Box 178 ille, WV 2635 ATION ON RECORD: FEB 1 4 1983 OIL AND GAS DIVISION OF ARTHER TOP MIN
Address Acreage RFACE OWAddress Acreage LD SALE Address Address Address Acreage LD SALE Address	District ATOR Ge P. GI ATOR Ge P. GI WNER De C/O T Ha 20 VNER A1 12 LC 52 (IF MADE WSPECTOR ATOR WORK: L TARGET depth of coate water state coal sea	ene S O.Bo envi essie The U erris Of len 2979 Os A1 E) TO: R TO BE Hers Ox 6 7-35 Drill Plug off Other phy rata depth m depths: PROGRA	Murph talna x 178 11e, Conr nion ville 60 Jones LA. B tos, NOTIFIE hman 6 Smi 97 x / cold forms ysical chan ation, _ well, _ hs: Fresh cold forms weight AM	ker WV ad Ban W' arr; CA Drill dation age in w 5300	2635 Hinkl k of V 26 ance 9402 ille, well (spec	County:	DESIGNATEI Address COAL OPERA 1 e Address COAL OWNE Name Address Name Address COAL LESSE Name Address Address 1 e Frace w formation 1 e alt, being mined in the	Quadrangle: Quadrangle: P.O. Glenv ATOR n/a ER(S) WITH DECLAR n/a cture or stimulate feet. earea? Yes	Burnt House 7. Stalnaker Box 178 ille, WV 2635 ATION ON RECORD: FEB 1 4 1983 OIL AND GAS DIVISION OF ARTHER TOP MIN
Address & GAS YALTY ON Address Acreage RFACE OW Address Acreage LD SALE Address & GAS IN THE SET OF THE SAME O	WNER Dec C O T Has 20 VNER A1 12 Lc C 52 (IF MADE 12 VORK:	O.Bo. envi essie The Uni erris of len 2979 s Al cox 60 7-35 Drill Plug off Other phy rata depth m depths: PROGRA	Conr nion ville 60 Jones LA. B tos. NOTIFIE hman 6 Smi 97 x / moderation visical characteristics AM CONTINUE C	WV ad Ban , W arra CA Drill dation age in v 5300	2635 Hinkl k of V 26 ance 9402 ille, well (spec	Harrisvil 3362 Court 22 14 WV 2617 Redrill Perforate no ify) on ian Sha feet feet; s Is coal	DESIGNATEI Address COAL OPERA 1 e Address COAL OWNE Name Address Name Address COAL LESSE Name Address Address Frace w formation 1 e alt, being mined in the	E WITH DECLARAT n/a Eture or stimulate feet. earea? Yes	Stalnaker Box 178 ille, WV 2635 ATION ON RECORD: FEB 1 4 1983 OIL AND GAS DIVISION OF MINOMARCE STATEMENT OF MI
Acreage RFACE OWAddress Acreage LD SALE Address Addres	WNER Dec C / O T Ha 20 VNER A1 12 Lc C 52 (IF MADE VORK: L TARGET depth of coate water state coal sea TUBING	envi essie The Univision of len 2979 s Al cox 60 7-35 Drill Plug off Other phy rata depth m depths: PROGRA	Conr nion ville 60 Jones LA. B tos, NOTIFIE hman 6 Smi 97 x / old format ysical chan attion, _ well, _ hs: Fresh cicification Weight	Band, William arrange in vision arrange in vision, arrange in vision, arrange in vision arrange in vision, a	2635 Hinkl k of V 26 ance 9402 ille, well (spec	MV 2617 WV 2617 WV 2617 Perforate no ify) onian Sha feetfeet) COAL OPERAL 1e Address) COAL OWNE Name Address Name Address) COAL LESSE Name Address 2 8 Ew formation 1e	Glenv ATOR	ATION ON RECORD: FEB 1 4 1983 OIL AND GAS DIVISION OF MINOR OF M
Address Acreage RFACE OWAddress Acreage LD SALE Address Acreage LD SALE Address	WNER Dec C / O T Ha 20 VNER A1 12 L C 52 (IF MADE 12 VORK: L TARGET depth of coate water state coal sea TUBING	che University of the Universi	Conr nion ville 60 Jones LA. B tos. NOTIFIE hman 6 Smi 97 x / old form ysical chan aTION, well, hs: Fresh colfication Weight	ad Ban , W arr CA Drill dation age in v	Hink1 k of V 26 ance 9402 ille, well (spec		COAL OWNE Name Address Name Address COAL LESSE Name Address Address Trace w formation 1 e alt, being mined in the	E WITH DECLARAT n/a cture or stimulate feet. earea? Yes	ATION ON RECORD: FEB 1 4 1983 OIL AND GAS DIVISION OF MINOR OF M
Address Acreage RFACE OWAddress Acreage LD SALE Address Acreage LD SALE Address	VNER A1 12 LC 52 (IF MADE WSPECTOR MUE 1 2.0. B 47 VORK: L TARGET depth of coate water state coal sea	The Uniter Is a rris of a	nion ville 60 Jones LA. B tos, NOTIFIE hman 6 Smi 97 x / old form ysical chan ation, _ well, _ hms: Fresh cicification Weight	Bandarra CA Drill dation age in v	ille, well (spec	Harrisvil 362 13 Court 22 14 WV 2617 Redrill Perforate no lify) conian Sha feet feet; s Is coal	COAL OWNE Name Address Name Address COAL LESSE Name Address Address Trace w formation 1 e alt, being mined in the	E WITH DECLARAT n/a E WITH DECLARAT n/a cture or stimulate feet. area? Yes	ATION ON RECORD: FEB 1 4 1983 OIL AND GAS DIVISION OF MINOR OF M
Address Acreage RFACE OW Address Acreage LD SALE Address & GAS IN ne Sa Address FOPOSED W OLOGICAL Estimated Approxima Approxima SING AND	VNER A1 12 LC 52 (IF MADE WSPECTOR MUE 1 2.0. B 47 VORK: L TARGET depth of coate water state coal sea	The Uniter Is a rris of a	nion ville 60 Jones LA. B tos, NOTIFIE hman 6 Smi 97 x / old form ysical chan ation, _ well, _ hms: Fresh cicification Weight	Bandarra CA Drill dation age in v	ille, well (spec	Harrisvil 362 13 Court 22 14 WV 2617 Redrill Perforate no lify) conian Sha feet feet; s Is coal	COAL OWNE Name Address Name Address COAL LESSE Name Address Address Trace w formation 1 e alt, being mined in the	E WITH DECLARAT n/a E WITH DECLARAT n/a cture or stimulate feet. area? Yes	ATION ON RECORD: FEB 1 4 1983 OIL AND GAS DIVISION OF MINOR OF M
Address Acreage LD SALE Address & GAS IN THE SET OF THE SAME ADDRESS ACREAGE ACRE	VNER A1 12 LC 52 (IF MADE NSPECTOR MUE 1 2. 0. B 47 VORK: L TARGET depth of coate water state coal sea	of len 2979 s A1 c) TO: R TO BE Hers ox 6 7-35 Drill Plug off Other phy rata depth m depths: PROGRA	NOTIFIE hman 6 Smi 97 X / Old formation,well,ms: Fresh	Drill dation age in v	ille, leeper well (spec	Court 22 14 WV 2617 Redrill Perforate no fifty conian Sha feet feet; s Is coal	Name	e WITH DECLARAT n/a cture or stimulate feet. earea? Yes	FEB 1 4 1983 OIL AND GAS DIVISI WV DEPARTMENT OF MIN
Address Acreage LD SALE Address & GAS IN THE SET OF THE SAME ADDRESS ACREAGE ACRE	VNER A1 12 L c 52 (IF MADE NSPECTOR MUE 1 2 O B 47 VORK: L TARGET depth of coate water state coal sea	PROGRA	NOTIFIE hman 6 Smi 97 x / old forms ysical chan ATION, well, hs: Fresh cicification Weight	Drill dation_age in v	ille, leeper well (spec	Court 22 14 WV 2617 Redrill Perforate no ify) ronian Sha feet feet; s Is coal	Name	e WITH DECLARAT n/a cture or stimulate feet. earea? Yes	FEB 1 4 1983 OIL AND GAS DIVISI WV DEPARTMENT OF MIN
Address Acreage LD SALE Address & GAS IN ne Sa Address F DPOSED W DLOGICAL Estimated Approxima Approxima Approxima Approxima NG OR NG TYPE	L TARGET depth of coate water state coal sea	PROGRA	NOTIFIE hman 6 Smi 97 x / old formation, well, hs: Fresh cicification Weight	Drill dation_age in v	ille, leeper well (spec	WV 2617 Redrill Perforate neify) on ian Sha feet feet; s Is coal	Address Name	E WITH DECLARAT n/a cture or stimulate feet. area? Yes	FEB 1 4 1983 OIL AND GAS DIVISION OF MIN
LD SALE Address & GAS IN ne Sa Address F DPOSED W DLOGICAL Estimated Approxima Approxima SING AND	L C 5 2 (IF MADE INSPECTOR IN U.E. 1 2 . O . E 4 7 VORK: L TARGET depth of coate water state coal sea TUBING	R TO BE Hers Ox 6 7-35 Drill Plug off Other phy FORMA ompleted w rata depth m depths: PROGRA	NOTIFIE hman 6 Smi 97 x / iold formation, well, hs: Fresh iclication Weight	Drill dation_age in v	ille, leeper well (spec Dev_0 7.0	WV 2617 Redrill Perforate neify) on ian Sha feet feet; s Is coal	Name	n/a	FEB 1 4 1983 OIL AND GAS DIVISI WV DEPARTMENT OF MIN
LD SALE Address & GAS IN ne Sa Address F DPOSED W DLOGICAL Estimated Approxima Approxima SING AND	NSPECTOR NSPECTOR NSPECTOR NSPECTOR NSPECTOR NSPECTOR 47 47 VORK: L TARGET depth of coate water st ate coal sea TUBING	TO: R TO BE Hers Ox 6 7-35 Drill Plug off Other phy FORMA Impleted w rata depth m depths: PROGRA	NOTIFIE hman 6 Smi 97 x / iold forms ysical chan aTION, well, hs: Fresh iclication Weight	Drill dation_age in v	ille, leeper well (spec	WV 2617 / Redrill/ Perforate notify) ronian Shafeetfeet; sIs coal	Address COAL LESSE Name Address 8 Fracew formation 1 e alt, being mined in the	n/a	FEB 1 4 1983 OIL AND GAS DIVISI WV DEPARTMENT OF MIN
Address & GAS IN Be Sa Address F DPOSED W DLOGICAL Estimated Approximated App	NSPECTOI amue 1 2 . 0 . B 4 7 VORK: L TARGET depth of co ate water st ate coal sea	R TO BE Hers Ox 6 7-35 Drill Plug off Other phy FORMA ompleted v rata depth m depths: PROGRA	NOTIFIE hman 6 Smi 97 x / iold forms ysical chan aTION, well, hs: Fresh iclication Weight	Drill dation_age in v	ille, leeper well (spec	WV 2617 / Redrill/ Perforate notify) ronian Shafeetfeet; sIs coal	Name	n/a	FEB 1 4 1983 OIL AND GAS DIVISI WV DEPARTMENT OF MIN
Address F DPOSED W DLOGICAL Estimated Approxima Approxima SING AND	NSPECTOI amue 1 2 . 0 . B 4 7 VORK: L TARGET depth of co ate water st ate coal sea	R TO BE Hers Ox 6 7-35 Drill Plug off Other phy FORMA Impleted w rata depth m depths: PROGRA	NOTIFIE hman 6 Smi 97 x old forms ysical chan ATION, well, hs: Fresh corrected AM	Drill dation_nge in v	ille, leeper well (spec Dev_0 7.0	WV 2617 Redrill Perforate notify) conian Sha feet feet; s Is coal	Name	n/a	FEB 1 4 1983 OIL AND GAS DIVISI WV DEPARTMENT OF MIN
Address F DPOSED W DLOGICAL Estimated Approxima Approxima SING AND	VORK: L TARGET depth of coate water state coal sea	Hers Ox 6 7-35 Drill Plug off Other phy FORMA Impleted w rata depth m depths: PROGRA SPE	hman 6 Smi 9 7 x / iold formation, well, hs: Fresh cicification Weight	thv: Drill dation_ age in v	ille, leeper well (spec	/ Redrill/ Perforate notify)feetfeetfeetfs coal	Address Fracew formation 1 e alt, being mined in the	cture or stimulate	OIL AND GAS DIVISION OF MIN
DLOGICAL Estimated Approxima Approxima SING AND	47 VORK: L TARGET depth of coate water state coal sea	OX 60 7-35 Drill Plug off Other phy FORMA Impleted wrata depth m depths: PROGRA	6 Smi 97 x old forms ysical chan ATION, _ well, _ has: Fresh CIFICATION Weight	Drill dation_nge in v	ille, leeper well (spec	/ Redrill/ Perforate notify)feetfeetfeetfs coal	Fracew formation	feet.	OIL AND GAS DIVISION OF MIN
DEPOSED WE DEPOSED WE DESCRIPTION OF TYPE	4 7 VORK: L TARGET depth of coate water st ate coal sea	7-35 Drill Plug off Other phy FORMA Impleted wrata depth m depths: PROGRA	old formation,well,has: Fresh	Drill dation_nge in v	well (spec	/ Redrill_ / Perforate no ify)_ / on ian Shafeetfeet; sIs coal	Fracew formation 1 e alt, being mined in the	feet.	OIL AND GAS DIVISION OF MIN
DLOGICAI Estimated Approxima Approxima SING AND NG OR NG TYPE	VORK: L TARGET depth of co ate water st ate coal sea TUBING	Plug off Other phy FORMA Impleted v rata depth m depths: PROGRA	old formation,well,	Drill dation_nge in v	well (spec Dev	/ Redrill / Perforate no ify) / On ian Sha feet feet; s	Fracew formation 1e alt, being mined in the	feet.	WV DEPARTMENT OF MIN
Approxima Approxima Approxima SING AND NG OR NG TYPE	L TARGET depth of co ate water st ate coal sea TUBING	Plug off Other phy FORMA In FORMA In FORMA In FORMA In Gentler In Gentler In Gentler In Gentler In Gentler In Gentler In Special In Gentler In Special In Gentler In Special In Gentler In	old form: ATION, well, hs: Fresh CIFICATION Weight Weight	ation_nge in v	well (spec Dev	/ Perforate no ify)set onian_Sha feet feet; s Is coal	le alt, being mined in the	feet.	WV DEPARTMENT OF MIN
Approxima Approxima Approxima SING AND NG OR NG TYPE	L TARGET depth of co ate water st ate coal sea TUBING	rata depth m depths: PROGRA	well,ns: Fresh	530(,	Dev 0 70	ronian Sha feet feet; s Is coal	le alt, being mined in the	feet.	1000 la
Approxima Approxima Approxima SING AND NG OR NG TYPE	depth of co ate water st ate coal sea TUBING	ompleted v rata depth m depths: PROGRA	well, ns: Fresh AM CIFICATION Weight	530(, n,	7.0	feet; sIs coal	alt, being mined in the	feet.	
Approximate Approx	ate water st ate coal sea TUBING	rata depth m depths: PROGRA	AM CIFICATION Weight	,	70	feet; s Is coal	being mined in the	area? Yes	
Approxima SING AND NG OR NG TYPE	ate coal sea TUBING	m depths: PROGRA	AM CIFICATION Weight	n,		Is coal	being mined in the	area? Yes	
NG OR NG TYPE	TUBING	PROGRA SPE	AM CIFICATION Weight	04.5	1 2 1	gfer ui Cadeul 13.04	nd cementing	a musikim yayako 1812 - M. P. 190.	
NG OR NG TYPE	Laore, ti	SPE	CIFICATION Weight	vs I		18,404	25,002,000,25	0.715 (4) 21 (6)	Likoni
NG TYPE	Size		Weight	NS 	Iman le	FOOTAGE	INTERVALS	CEMENT FILLLIP	
tor II	Size	Grade					object markey of B	OR SACKS	PACKERS
		Grade	per ft.	New	Used	For drilling	Left in well	(Cubic feet)	2012 1 30 GEV
ater	1 3/4	Burning	10.30.00	X		40	11 11 1 2 2 1 1 3 3 1 1 3 1 1 1 1 1 1 1	TA TROUBLE BOOK EDLY	Kinds
	The state of	1287.194	1257470	0.00	113.00	Sulford On S	is or contract in	and the state of t	Sizes
diate	8 5/8	CW	201b	x		860	860	To Surface	Sizes
ion	4 1/2	ERW	10.5	0 x	1000	chan state on ago.	5300	3000' Fil	Depths set
		1978	E BOXECO 153		- L	SCHOOL SECURIORS	es an Honey established	Up	
									Perforations:
							No. 2750 P	(PPAC DOMESTON 1-P	Top Bottom
	0-1					att order of the	alvio man		SELECTION (TO
RACTION	RIGHTS	Sal Salar	in the		during the			CE 1014971 10111982 20	an il il in in il
F. P. C. St. St. St. St. St. St. St. St. St. St			A STATE OF THE PARTY OF THE PAR	3.500	erane grade			a presentation of the April 2	MINGS ON SET
The requ	is the lease	Code 22-	4-1-(c) (1)	continu	uing cont	ract or contracts b	y which I hold the	e right to extract oil or	gas.
			11-(0) (1)	i days	BII (4). (C	ec reverse side for	specifics.)	vicade 250 days	
e right to ex	tract, prod	uce or ma	rket the oi	il or ga	s based up	oon a lease or other	continuing contra	act or contracts providing	ng for flat well royalty or any
ar provision	n for comp	ensation (es	to the ow	ner of	the oil o	r gas in place which	h is not inherentl	y related to the volume	e of oil or gas so extracted,
wer above	is No, noth	ning addit		eded.	If the ans	wer is Yes, you m	ay use Affidavit F	Form IV-60.	
d coal oper	ator, coal	owner(s).	and coal	losed p lessee c	on or before	clamation plan ha	ve been mailed by	registered mail or deli	vered by hand to the above
s at Charles	ston, West	Virginia.	No. 107	eri n	a estimación	merc Anna anam			STATE STATE OF THE
: Bash	ma C.	Smit	l		ettra an ou	10.004.17	Signed: Oliv	e Stalua	'ku
mmission I	Expires 9	Nove	mber	1992	?		Its: Pre	sident	97 74 2480
			2.46		Ol	FICE USE OF	NLY		
	085	-6273			Photographic Co. Co.	A CONTRACT OF THE PARTY OF THE	CONTRACTOR STATE	February 21	. 83
mber									04/26/2024 03
it covering	the well o	perator a	nd well loo	cation	shown be	low is evidence of	permission grante	ed to drill in accordance	e with the pertinent legal re-
s subject to	the condi	tions con	tained here	ein and	on the r	everse hereof. Noti	fication must be o	iven to the District Oil	and Cas Inspector
	r to the cor	struction	or roads,	e actua	ns and pit al permitt	s for any permitted ed work has comm	work. In addition	n, the well operator or l	nis contractor shall notify the
au viii	k and prov Included The requ ALTY PRe right to ex ar provision uced or ma wer above ired Copies s of this P d coal oper at Charles mmission I	Included is the lease The requirement of ALTY PROVISIONS Tright to extract, produce or marketed? Were above is No, nothing the continuous of this Permit Applied coal operator, coal at Charleston, West BALANA C. mmission Expires 085 mber	k and provide one of the follow Included is the lease or lease. The requirement of Code 22-ALTY PROVISIONS right to extract, produce or mater provision for compensation and provision for compensation and cod or marketed? Yes were above is No, nothing additional code or marketed? Yes of this Permit Application and coal operator, coal owner(s), at Charleston, West Virginia. "BALLAGA C. Smith manifestion Expires 9 Nove 1085-6273 mber on the conditions conto. 10) Prior to the construction	k and provide one of the following: Included is the lease or leases or other The requirement of Code 22-4-1-(c) (1) ALTY PROVISIONS Tright to extract, produce or market the other provision for compensation to the owned or marketed? Yes No wer above is No, nothing additional is not irred Copies (See reverse side.) s of this Permit Application and the encited coal operator, coal owner(s), and coal at Charleston, West Virginia. BANAMA C. Smith mmission Expires 9 November 085-6273 mber 085-6273	k and provide one of the following: Included is the lease or leases or other contine The requirement of Code 22-4-1-(c) (1) through ALTY PROVISIONS right to extract, produce or market the oil or gaster provision for compensation to the owner of aced or marketed? Yes \(\sqrt{No} \) No \(\sqrt{No} \) were above is No, nothing additional is needed. irred Copies (See reverse side.) s of this Permit Application and the enclosed process of the confidence of the construction of roads, location of the construction of roads, location of confidence of the construction of confidence of the confidence of	k and provide one of the following: Included is the lease or leases or other continuing control The requirement of Code 22-4-1-(c) (1) through (4). (SALTY PROVISIONS right to extract, produce or market the oil or gas based up at provision for compensation to the owner of the oil of aced or marketed? Yes No wer above is No, nothing additional is needed. If the ansigned Copies (See reverse side.) so of this Permit Application and the enclosed plat and reduced operator, coal owner(s), and coal lessee on or before at Charleston, West Virginia. BASHARA C. Smith mmission Expires 9 November 1992 OF OS5-6273 DR osubject to the conditions contained herein and on the resolution of roads, locations and pite to the construction of roads.	k and provide one of the following: Included is the lease or leases or other continuing contract or contracts by The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for ALTY PROVISIONS right to extract, produce or market the oil or gas based upon a lease or other are provision for compensation to the owner of the oil or gas in place which used or marketed? Yes \(\sqrt{No} \) No \(\sqrt{X} \) wer above is No, nothing additional is needed. If the answer is Yes, you make the Copies (See reverse side.) as of this Permit Application and the enclosed plat and reclamation plan had coal operator, coal owner(s), and coal lessee on or before the day of the state Charleston, West Virginia. Bashana C. Smith mmission Expires \(\frac{9}{10} \) Allember 1992 OFFICE USE OF DRILLING PERM 11 covering the well operator and well location shown below is evidence of a subject to the conditions contained herein and on the reverse hereof. Notifico. 10) Prior to the construction of roads, locations and pits for any permitted	k and provide one of the following: Included is the lease or leases or other continuing contract or contracts by which I hold the The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.) ALTY PROVISIONS Tright to extract, produce or market the oil or gas based upon a lease or other continuing contract provision for compensation to the owner of the oil or gas in place which is not inherently used or marketed? Yes \(\) No \(\) were above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Fired Copies (See reverse side.) It is of this Permit Application and the enclosed plat and reclamation plan have been mailed by discoal operator, coal owner(s), and coal lessee on or before the day of the mailing or deliver at Charleston, West Virginia. Ballana C. Smith OFFICE USE ONLY DRILLING PERMIT The Covering the well operator and well location shown below is evidence of permission granters as subject to the conditions contained herein and on the reverse hereof, Notification must be considered.	k 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 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.) ALTY PROVISIONS right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing a provision for compensation to the owner of the oil or gas in place which is not inherently related to the volum need or marketed? Yes \(\sqrt{No.} \) No \(\sqrt{No.} \) were above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60, ired Copies (See reverse side.) so of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or deligible decoal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application at Charleston, West Virginia. BASHARA C. Smith OFFICE USE ONLY DRILLING PERMIT February 21 Date it covering the well operator and well location shown below is evidence of permission granted to drill in accordance in the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil of 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or

Administrator, Office of Oil and Gas

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).

19

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.

	YUNG	WAIVER	and the second s	and a discount of the second separation
	TIME	DETELLING PE		
The undersigned coal operator amined this proposed well location. If added to the mine map. The undersign operator has complied with all applications and the second secon	ed has no objection able requirements of	to the work prop of the West Virgin	rea of the well location osed to be done at this laid Code and the govern	location, provided, the well
on slim and it is best of our and all of the		agree Fee	ex Iting Anna Con	Bond: Agent:

By

Its

Gi == Gu Zibisis

CNSIRUCION	HOD FOLLAMATECH FLAN
PO BOX 178-220 W MAIN ST GENYILLE W. VA 26351	DESIGNATED AGENT GENE STALNAKER P.O. BOY 178-220 W. MAIN.ST ACCEPS GLENVILLE WYA- 26351
Telephone 462-5701	Telephone 462-5701
A. JONES	SOIL CONS. DISTRICT LITTLE KANALIHA-
Reverenzation to be carried out by GE	
	He Kanawha SD. All more
re eccitions become a part of this plan:	
TO STATE OF THE REPORT OF THE PARTY OF THE P	(Date)
	farrett lewton
	(S.J Agent)
ACCES POAD	LOCATION
EARTHEN STONE RIE	EIVED DIVERSION DITCH (1)
DECINE FFF	3 1 4 1983 Material EARTHEN
CE POF Marrial (2-12) OILA	IND GAS DIVISION EPARTMENT OF MERSCE Ref. Marrial (2-10)(5) - 2-12
Por Marmal (2-12) QILA	EPARTMEN TO THE PARTMEN THE PARTMEN TO THE PARTMEN THE PARTMEN TO THE PARTMEN THE PA
DRAINAGE DITCH	B) Structure ROCK-RIP-RAP. (2)
	Material - ROCK
ece Fef Marmal (2-10)(6) 2-12	Page Ref. Mammal (2-14)(9)
CULVERT 16"x24"CMP	c) Structure P;+ (3)
ering .	Material EARTHEN-
ege Ref. Marmial (2-1) -(2-3)	Page Ref. Mamual N/A
	regularly and repaired if necessary. All
commercial timber is to be cut one sta	oked and all brush and small timber to be
out and removed from the site before a	irt work begins.
	ELETTATION
	DETAILLY
Treatment Area I	Testieni Ares II
Tons/acre	Lime 2 Tops/acc or contect to ps 6.5
600 155/200	(10-20-20 or equivalent)
- (10-20-20 or equivalent)	
HAY 2 Tons/acre	
Orchard Grass 12 155/200	Seed* Orchard Grass 12 15/20
Red Clover 12 155/2000	Timothy 04/26/201245/2
	Red Clover 12 1hs/a=
*Institute all legumes such as vetch, would with 3% recommended amount.	prefoil and clovers with the proper bacterium.
	MARK C. ECHARD
	PLAN FREFARED BY STAR Rte 71 BOX 6
DOTES: Flease request landowners!	ADDRESS GLENVILLE W. Va. 26351
in in the course course	10 - 3303

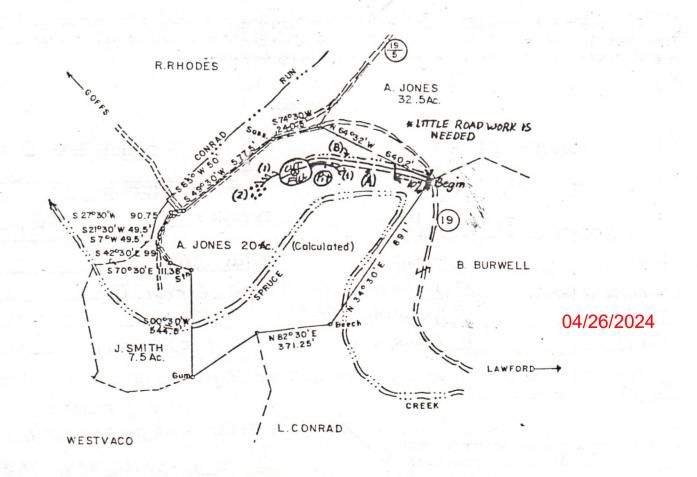
THE ST RESTORMY SECTION OF MOUNT TOPOGRAPHIC MAP.

Well Site ()
Access Road ---



keron to include well location, existing access road, roads to be constructed, wellsited rilling pits and necessary structures numbered or lettered to correspond with the first art of this plan. Include all natural drainage.

		The statement of the st	
	IDEND.		
Property boundary	-	Diversion - \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
Rozó = = = = =	14-17-204	Spring O→	
Existing fence -X	× —	Wet spot &-	
Planned fence -/-	/	Building .	
Stream \\.	Rimber Annihile	Drain pipe	0
Open citch	···> ····>	Waterway C	



	7/8/41		MAKES PROMISE THE WAY	
412 *	73B141	~ W W A 20 VW	- 4 O # 17 4 O T	
		OIL AND	GAS LEASE	
			1176	Cre-
AGREEMENT,	made and entered into	this	day of flux	A. D. 19 8
by and between	Ressie	Frank Clin	& (acces) for	fele of hy
	Lercy Coope	ET ITTUKCE,	cinmittee for C	sele f (hu ktid HILKLE)
- 6		2 .	e .1	21.5
ord 7 04 7	1. 4.11.2	part	y of the first part, hereinafter	called Lessor (whether one or more), e second part, hereinafter called Lessee;
I. WITNESSE	TH: That the Lessor,	in consideration of the	sum of One Dollar, the receip	of which is hereby acknowledged, and
the covenants as	nd agreements hereinati	ter contained, does he	reby grant unto the Lessee all	of the oil and gas and all of the conght to drill for, produce and market oil
and gas and their	r constituents and of stor	ring gas of any kind in	any formation underlying the	land, and also the right to enter thereon, erecting tanks, machinery, powers and
structures, and to	possess, use, and occur	py so much of said pre-	mises as is necessary and conv	renient for said purposes and to convey
the above named	products therefrom or	thereto by pipe lines o	otherwise; said land being sit	tuate in Market Township, cribed as follows, to-wit: Bounded on the
County of	lakyly Stat	e of Thest fly	ryusa, and desc	cribed as follows, to-wit: Bounded on the
NORTH by land	s of Styling	al		-
EAST by lands of	f Burl 10.	urwell		
SOUTH by land	is of great	en tam	J. a. Mart Drum	,
Containing				ng the same land conveyed to lessor by
				and
				Page
thereafter as open	rations for oil or gas a	re being conducted on	the premises, of oil or gas is	years from this date and as long found in paying quantities thereon, or
any formation un	derlying the herein leas	sed land is used for st	orage of gas as provided under	r paragraph 7 hereof, ch he may connect his wells, the equal
one-eighth (1/8)	part of all oil produced	and saved from the l	eased premises, and shall pay	Lessor The Sale of gas
for all gas and ca	sing head gas produced	and sold from the prem	ises havable monthly: provided	I, Lessee shall pay Lessor a royalty at the
rate of Fifty Doll	ars per year on each gas	well while, through la	ck of market, gas therefrom is ng well under paragraph 2 here	not sold or used off the remises and
4. The Lessee	shall commence operation	ns for a well on the pre-	mises on or before.	ary 16 1, 1982, unless Lessee
pays thereafter a	rental of 5-00 De	as A.	for each	months that operations are delayed from
mo time above	mendoned. The conside	ration ilist recited her	ein, the down payment, shall	cover not only the privilege granted
any and all other	r rights conferred. The	drilling of a non-prod	uctive well shall be accented by	extending that period as aforesaid, and by the Lessor in lieu of delay rental for
for a period of or	ne year to resume the r	payment of delay rental	or commence operations for	ll wells the Lessee shall have the right another well. Upon the resumption
not been interrupt	ed,	eof governing such pays	nent and the effect thereof sha	all continue in force as though they had
5. All moneys	coming due hereunder	shall be paid or tende	ered to Dessie to	and les.
direct, or by chec	k payable to his (or her) order mailed to	he Union Bas	ile & Harridan Cle,
conditions provide	d for herein unless the	Lessee shall refuse or	neglect to pay or perform the	to make any payment or perform any ne same for ten days after having re-
ceived written not	tice by registered mail f	from the Lessor of his	intention to declare such defau	dt. th his own appliances at any producing
gas well, and agree	es to pay Lessee a fair	domestic rate for any	gas used in excess thereof. Le	essor further covenants and agrees that
ror shall Lessee b	be liable for any shortage	ge or failure in the sur	ply of gas for said domestic us	any accident or damage caused thereby,
all rights and righ	his-of-way necessary to	store and produce such	stored gas. As full payment	or the storage of gas and shall have to for such storage rights, the Lessee
shall pay to the Le	essor a rental at the rate ade, all provisions of th	ofper	acre per year, while the premi	ses are so used, and so long as the stor-
8. Lessor furthe	r grants to the Lessee.	his heirs and assigns.	the right to unitize this lease	with other leases to form a drilling
event this lease is	so unitized, the Lessor	agrees to accept, in lieu	of the royalty hereinbefore reci	nent and conservation of the field. In the ted, such proportion of the royalty above
provided, as the	acreage covered by this	lease bears to the total	acreage comprising the unit.	simple estate therein, then the royal-
ties and rentals he	rein provided shall be	paid the Lessor only in	the proportion which his inte	rest bears to the whole and undivided
10. No well may	be drilled nearer than 2	00 feet to the house or	barn now on said premises v	without the written consent of Lessor.
and hall have the	right to use, tree of co	ost, gas, oil and water	produced on said land for its	er use and development of this lease, operations thereon, except water from
wells of Lessor, I	Lessee shall also have	the right at any time	to remove all or any part of	the machinery, fixtures or structures damages caused by its operations to
growing crops on	said lands, and, when	requested by Lessor,	hall bury its pipe lines below	plow depth.
allowed. in event	this lease shall be ass	signed as to any part	or parts of the above described	in whole or in part being expressly is land and the assignee or assignees of
fault shall not ope	rate to defeat or affect	this lease insofar as it.	covers a part or parts of said	rents due from him or them, such de- land upon which the said Lessee or
any assignee there	of shall make due paym	nent of said rental. No	change of ownership in the la	and or in the rentals or royalties shall ritten transfer or assignment or a cer-
tified copy thereof.				
after which all pa	syments and liabilities	hereunder thereafter sh	all cease and determine, and	or any part thereof for cancelation, if the whole is surrendered, then this
or them, or to the	heirs or assigns of any	one of them by deliv	ery of a duly executed surren	nore than one Lessor, then to any one der thereof in person or by mail ad-
dressed to the pos	t office address of such th the land is located.	person, or by recordi	ng a duly executed surrender	thereof in the Recorder's office of 04/26/2024
13. Lessor hereby	warrants and agrees to	o defend the title to t	he land herein described and	agrees that the Lessee at its ontion
lands, and in event	it exercises such option,	it shall be subrogated	to the rights of any holder of	d on or against the above described r holders thereof and may reimburse
itself by applying a	any royalty or rentals a agreed that if the Le	see shall commence di	ne discharge of any such taxes,	mortgages or other liens.
remain in force an	d its terms continue so	long as such operation	as are prosecuted, and it prod	uction results therefrom, then as long leased premises shall cease from any
cause, this lease sh	all not terminate provid	ed Lessea resumes one	rations within sixty days from	a such cessation, and this lease shall a, then as long as oil or gas is pro-
duced in paving ou	antitles	operations, and,	in production results therefrom	i, then as long as oil or gas is pro-

THIS ASSIGNMENT, made this <u>Slat</u> day of January, 1983, by and between WALTER C. CRANE dba NORTH HTLLS INVESTMENT COMPANY, a West Virginia General Partnership, whose address is Harrisville, West Virginia, hereinafter called ASSIGNOR and BIG A OIL CORPORATION, a West Virginia Corporation, whose address is Parkersburg, West Virginia, hereinafter called ASSIGNEE.

WITNESSETH:

That for and in consideration of the sum of Ten Dollars (\$10.00), cash in hand paid, and other good and valuable consideration, the receipt of all of which is hereby acknowledged, the ASSIGNOR does hereby sell, assign, grant and convey unto the said BIG A OIL CORPORATION, its successors and assigns, subject to the terms, conditions and reservations herein contained, the following described oil and gas leases in Murphy District, Ritchie County, West Virginia, being more particularly described as follows:

That certain oil and gas lease from Dessie Hinkle to North Hills Investment Company dated January 16, 1982, and of record in the Office of the Clerk of the County Commission of Ritchie County, West Virginia, in Lease Book No. 141 at page 412 thereof; said tract being more particularly bounded and described as follows:

On the North by lands of State Road
On the East by lands of Merle Burwell
On the South by lands of Tingler farm
On the West by lands of Smith heirs

Hinkle

Containing 60 acres, more or less.

That certain oil and gas lease from John W. Conrad and June Conrad, his wife, et al., to North Hills Investment Company, of record in the aforesaid Clerk's office in Lease Book No. 147 at page 258 thereof; and that certain lease from Audrey Cunningham dated September 10, 1982, and of record in the aforesaid Clerk's office in Lease Book No. 148 at page 232 thereof. Said tract being bounded and described as follows:

On the North by lands of T. N. Tanzey
On the East by lands of Thomas Quinn
On the South by lands of John Wright
On the West by lands of T. N. Tanzey

Conral

Containing 17 acres, more or less.

RECEIVED

FEB 1 4 1983

OIL AND GASON OF MINES

YOHO SWADLEY
ST MAIN STREET
ISVILLE, W.VA.
26362

This Assignment is made subject to all the royalty, terms, provisions and covenants set out and being a part of the original oil and gas leases described herein. This Assignment shall remain in force for a term of thirty (30) days from date hereof and as long thereafter as oil or gas or either of them is produced from the leasehold premises by the ASSIGNEE, its successors or assigns.

The ASSIGNOR reserves the right to enter upon any part of the 60 acre premises to explore for or to produce oil and gas in any geological formation below the depth of 6,000 feet. It is specifically understood that the ASSIGNOR herein may explore for or produce oil and/or gas in any geological formation below such depth without the participation of the ASSIGNEE, its successors or assigns. However, the ASSIGNEE, its successors or assigns shall have the first option to acquire said deep rights.

In the event the ASSIGNOR wishes to assign the deep rights reserved herein they shall first notify the ASSIGNEE in writing by instrument by certified mail, the ASSIGNEE shall then have 15 days after receipt to accept the assignment on the terms and conditions proposed by the ASSIGNOR, if, the ASSIGNEE fails to accept the assignment within the 15 days so specified the ASSIGNOR may assign the deep rights as they see fit.

It is specifically understood and agreed for consideration of the premises herein, that the said ASSIGNEE will drill the well situate on the leasehold estates described herein through the Alexander Sands.

SAVING, EXCEPTING AND RESERVING unto the ASSIGNOR herein, free of cost, an overriding royalty interest of 10% of all (8/8) oil, gas or other hydrocarbons produced, saved and sold from the above described land. Such overriding royalty interest shall be free from all development, production, marketing and operating

O SWADLEY
AIN STREET
LE, W.VA.

expenses and charges of any other nature; however, said interest shall bear and pay currently its share of gross production and/or pipeline taxes.

It is understood and agreed that the ASSIGNOR'S share of the overriding royalty interest paid for oil produced and sold from the premises shall be paid directly by the party contracting to purchase all such oil. In addition, it is understood and agreed that the ASSIGNEE shall provide the ASSIGNOR with a copy of the monthly statement provided to them, their heirs or assigns, by the company which purchases the gas from the said premises.

The ASSIGNEE, BIG A OIL, INC., further agrees to hold North Hills Investment Company harmless for any and all damages caused by its drilling, its production or its abandonment of all wells drilled on the lease and Leasehold Estate thereby created.

WITNESS the following signatures and seals.

NORTH HILLS INVESTMENT COMPANY, a West Virginia General Partnership,

(SEAL)

STATE OF WEST VIRGINIA, COUNTY OF RITCHIE, TO-WIT:

The foregoing instrument was acknowledged before me this 3/st day of January, 1983, by WALTER C. CRANE, a General Partner, on behalf of NORTH HILLS INVESTMENT COMPANY.

Notary Public, Ritchie Count West Virginia (Commissioned

My Commission expires

-3-

BIG A OLL, INC., a West Virginia Corporation,
By(SEAL
STATE OF WEST VIRGINIA,
COUNTY OF RITCHIE, TO-WIT:
The fcregoing instrument was acknowledged before me
this day of January, 1983, by
of BIG A OIL, INC., a West Virginia
Corporation, on behalf of said Corporation.
Notary Public, Ritchie County, West Virginia
My Commission expires

This instrument was prepared by Karen Swadley, Attorney at Law,
210 East Main Street, Harrisville, West Virginia 26362.

O SWADLEY AIN STREET LE, W.VA. 1

04/26/2024



State of Mest Birginia

Bepartment of Mines Billians Gas Bivision

Date_	August 2 ,1984
Operato Well No	
MCZZ IN	·
Farm	Hinkle
APT No.	47 = 09E = 6373

WELL OPERATOR'S REPORT

OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE:	Oil/ Gas X / Liquid] (If "Gas," Production/ [Injection Indergrou	/ Wast	e Disposa e / Dee	1/ p / Sha	11ow ^X /)
LOCATION:	Elevation: 755' Water					
ž.		y Rit	1.	Quadrangle	Burnt	House
COMPANY	Thunder Oil Corporation					
ADDRESS	112 Office Plaza, Jackson, Mi	ss. 3920	5			Cement
DESIGNATED	AGENT A. D. Steed		Casing	Used in	Left	fill up
ADDRESS P.	O. Box 4161, Parkersburg, WV 2	26101	Tubing	Drilling	in Well	Cu. ft.
SURFACE OW	NER Allen Jones		Size 20-16			
ADDRESS	Los Altos, CA 94022		Cond.			
MINERAL RI	GHTS OWNER Dessie Conrad Hinkl	.e	13-10"			
ADDRESS	Harrisville, WV 26362		9 5/8			
DIL AND GA	S INSPECTOR FOR THIS WORK Sa	muel	8 5/8	8851	885'	to Surface
	ADDRESS Smithville, WV 2		7			
PERMIT ISS			5 1/2			
DRILLING O	OMMENCED 3-18-83		4 1/2	5132'	5132'	3512'
DRILLING O	OMPLETED 3-25-83		3			cement fill up
IF APPLICA	BLE: PLUGGING OF DRY HOLE ON		2			
CONTINUOUS REWORKTNG	PROGRESSION FROM DRILLING OR VERBAL PERMISSION OBTAINED	L	Liners			
N	VALUE PENISSION OBTAINED		used			
EDOLOGICAL	TARGET FORMATION Devonian S	hale		Dept	h 5132	fect
	of completed well 5132		otary. X	_	Tools	
Water	strata depth: Fresh 70'		Salt N			
Coal	seam depths:N/A				d in the	area? No
OPEN FLOW	DATA Speechley, Ri	1				
Produ	cing formation Alexander, Ba	lltown	Pav	zone dept	2982' h 5071'	- feet
Gas:	Initial open flow 1,433,000	Mcf/d (Dil: Init	tial open	flow 15	Bb1/d
	Final open flow 1,433,000	Mcf/d		al open fl		
	Time of open flow between			nal tests	4 hou	irs
Stati	c rock pressure 1375 psig	(surface	measureme	ent) after	36	s shut in
(If a	pplicable due to multiple com	pletion-	-)		04	/26/2024
	d producing formation		Pay	zone dept	h	feet
Gas:		Mcf/d (Dil: Init	_		Bb1/d
	Final open flow	Mcf/d (Dil: Fina	al open fl	OW	1801/6
	Time of open flow betwe	en initia	al and fir	al tests	ba	are.
Stati	c rock pressurepsig(surface r	neasurener	nt) after_	hour	es about in
				(Contin	ue on rev	rense silde)

DETAILS OF PERFORATED	INTERVALS,	FRACTURING OR	STIMILATING.	PHYSICAL CHANCE	EALC
			DITION THE TIME	LUISICAL CHAIRS.	P. 11

				,
5071'	4210'	3972'	3652'	3140'
4776'	4208'	3970 '	3604'	3134'
4774'	4192'	3934'	3602'	3122'
4770'	4190'	3871'	3558'	3106'
4768'	4187'	3856'	3550'	3104'
4742'	4183'	3846'	3496'	3100'
4739'	4181'	3833'	3494'	2988'
4696'	4096'	3839'	3460'	2982'
4693'	4062'	3804'	3456'	,
4686'		3800'	3442'	2 stage Frac - 58 shots
4682'	Frac Plug set	3780 '	3440'	
4673'	at 4000'	3696'	3436'	2,000,000 mcf N2
4520'		3694'	3328'	
4518'		WELL LOG	3326'	
		WELL TITLE		

DODUMENTO! GOV OR			RE	MARKS		
FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	Including ind	ication	of all	fresh
			and salt wate	r, coal,	oil an	d gas
0.11						
Soil	0	10	Silty Sand	3980	4060	
Red rock and slate	10	325	Balltown	4060	4260	
Sand	325	364	Shale	4260	4355	
Red rock and slate	364	715	Silty Sand	4355	4400	
Shale	715	804	Shale	4400	4516	
Sand	804	990	lst Riley	4516	4570	
Shale	990	1020	Shale	4570	4670	
Red rock and slate	1020	1100	2nd Riley	4670	4790	
Sand	1100	1180	Shale	4790	5020	
Slate	1180	1240	Alexander	5020	5085 5132	
Sand	1240	1305	Shale	5085	5132	
Shale	. 1305	1435	Total Depth	5132		
Sand	1435	1520				
Shale	1520	1685				
Lime	1685	1720				
Injun	1720	1800				
Squaw	1800	1950				
Silty Sand	1950	2005				
Shale	2005	2050				
Weir	2050	2100				
Shale	2100	2250				
Silty Sand	2250	2330				
Berea	2330	2360				
Silty Sand	2360	2536				
Sand & Shale	2536	2540	1 2 1 1			
Shale	2540	2690				
Gordon	2690	2730				
Shale	2730	2825				
Silty Sand	2825	2880				
Shale	2880	3000				
Silty Sand	3000	3080	1 2			
lst Warren	3080	3150	1 1 1 1			
Shale	3150	3280				
2nd Warren	3280	3330				
Shale	3330	3430				
Carrencon	3430	3560				
Silty Sand	3560	3600				
Speechley	3600	3980				

(Attach separate sheets as necessary)

Thunder Oil Corporation

Well Operator

Date: August 2, 1984

Thunder Oil Corporation

04/26/2024

04/26/2024

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 earl, encountered in the drilling of a well."

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

RECEIVE

MAR 2 9 1983

OIL AND GAS DIVISION WY DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No.85-6273			Oil or	Gas Well
Company Gene Stalnaker elne.	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address	Size			
Farmallen Jones	16			Kind of Packer
Well No. Hinklo#1	13			
District Murphy County Ritchie	81/4			Size of
Drilling commenced 3-21-83	65%			Depth set
Drilling completedTotal depth	5 3/16			
Date shotDepth of shot	3			Perf. top
Initial open flow/10ths Water inInch	Liners Used		,	Perf. bottom
Open flow after tubing/10ths Merc. inInch				Perf. bottom
/olumeCu. Ft.	CASING CEMEN	TED	SIZE	No. FTDate
cock pressurelbshrs.	NAME OF SERV			
bbls., 1st 24 hrs.	COAL WAS ENC	COUNTERED	AT	FEETINCHES
resh water 15 feet feet	FEET_	INCHE	S	FEETINCHES
alt wat				FEETINCHES
rillers Names S. J. Rush Sterry of	es Des /	00:0	p ()
ene Stalnaker Rig # 6 marks: Visit - Dulling rat	to Pin	Dirley	Dush	
marks: Visit - Orelling rat	Pola - Pro	ner gen	n Mys	ens
J - 555/ 4	ou -/u/	wult		

3-21-83

Samuel M. 404/26/2024

DISTRICT WELL INSPECTOR

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No				Well	No	
OMPANY			ADDRESS			
ARM		DISTRICT.	C	OUNTY		
illing Material Used						- Caree.
iner Loc	ation	Amount	Packer	Location		
PLUGS USED A	ND DEPTH PLACED	and the second s	BRIDGES	CASIN	G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
					1	
						123
1.						
						7
Angeway of				,		, .
Orillers' Names						
Remarks:						
	I hereby certify I	visited the ab	ove well on this date.			
DATE						

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

RECEIVED

MAR 2 9 1983

INSPECTOR'S WELL REPORT

OIL AND GAS DIVISION WYDEPARTMENT OF MINES Permit No. 85-6273 Oil or Gas Well (KIND) CASING AND TUBING Company Lene Stalnaker Ane. USED IN LEFT IN PACKERS Size Address Kind of Packer Size of District Murphy County Ritchie Drilling commenced 3-2/-8365/8_ Depth set____ 5 3/16_ Drilling completed_____Total depth_ Perf. top____ _Depth of shot_ Perf. bottom_ Initial open flow____ _____/10ths Water in___ Liners Used Perf, top___ Perf. bottom_ Open flow after tubing_____/10ths Merc. in____Inch Volume_ CASING CEMENTED____ _Cu. Ft. SIZE__ _No. FT.____Date NAME OF SERVICE COMPANY Rock pressure_ Oil bbls. 1st 24 hrs. COAL WAS ENCOUNTERED AT_____ FEET feet feet FEET INCHES_ FEET_ Salt water. feet feet FEET INCHES FEET_ INCHES Drillers' Names m 3-22-83 Ron 855 fort of 85 casing - Dowell ran 135 sacks Pas mix and 100 sacks Common neat, with 37,00 Remarks: 1673 foot deep at time of Wisit

3-23-83

Samuel M. HOA12612024

DISTRICT WELL INSPECTOR

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No.				Wel	1 No	
OMPANY			ADDRESS			
ARM	1. The state of th	DISTRICT	cc	UNTY		
illing Material Used					- 30	
iner Loc	ation	Amount	Packer	Location		7
PLUGS USED A	ND DEPTH PLACED		BRIDGES	CASIN	G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
						,
			*			
	1:				10 1 144 (14 - 17 - 14)	
illers' Names				.,,.,.		
marks:						
	Thomalos					
DATE	i nereby certify I	visited the abo	ve well on this date.			

85-6273

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES





OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No.	30 00/3			Oil or	Gas Well	2
Company	Leng Stalnaker, Inc.	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACK	ERS
Address		Size				ţ.
Farm all	Hen Jones	16			Kind of Paci	ker
	Hinklo # 1	13				10
	County Patehie	81/4			Size of	a a
	nmenced	6%			Depth set	
		5 3/16				2
	pletedTotal depth	3			Perf. top	4
Date shot	Depth of shot	2			Perf. bottom	
Initial open	flow/10ths Water inInch	Liners Used			Perf. top	
Open flow af	ter tubing/10ths Merc. inInch				Perf. bottom	1
Volume	Cu. Ft.	CASING CEME	NTED	SIZE	No. FT	Date
Rock pressur	relbs,hrs.	NAME OF SER	VICE COMPA	NY		44 55
Oil	bbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	FEET	INCHES
Fresh water	feetfeet					54
Salt water_						
2.11						19
Drillers' Nan	nes					en;
Remarks:	Med with Land owner all	Pen Jones a	n compla.	int of ga	s line (P.	loste)
						al
Land	gas line not burged as	regulation	re called	for,		×
along	owner will permit plast. Adge of meadow, fut m	ust be be	wriged i	in me	ground	7
6-25		20	0	1 m	21	-
2 20	DATE		Dam	nel The	DISTRICT WELL	NEFECTOR

Form 26 2/16/82

CIL & GAS DIVISION

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

ELIVINI SO THE INSPECTOR'S PLUGGING REPORT

Permit No.				V	Vell No	
COMPANY	H		ADDRESS		and the second	e despesa, a pro-
FARM		_ DISTRICT		COUNTY	N. N.	-
15			The second secon	Mark Control of the C		
ming waterial Oscu						
-	cation	Amou			cation	
	ND DEPTH PLACED		BRIDGES		G AND TU	-
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
-						
					в в	
				g 1/20 T .		
	2 2 60					
		The state of the s				
· ·		A STATE OF THE				
	- 19, asv. s		. 3,	267		7.4
*		25				
				e e e e e e e e e e e e e e e e e e e		
Drillers' Names						
					The Mark State of the State of	Color a Maril Incolor products or company or for the Marine page
Remarks:						
	I hereby certify I visit	ted the above v	well on this date.			
DATE						
1			DIS	TRICT WELL INS	04/26/2	2024

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



INSPECTOR'S WELL REPORT OF & GAS DIVISION

Size Parm Allen Jones Well No. Hintle 1## 10. Size of Bit 18. Size of Bit 19. Size of	Permit No. 85-67	2/3					Gas Well
Well No. Ain to the 1st of the state of the	Company GENE	Stalnater o	MC.	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKERS
District Museum County Rifchie District Museum County Rifchie Drilling commenced Drilling completed Total depth Date shot Depth of shot Initial open flow / 10ths Water in Inch Open flow after tubing / 10ths Merc. in Inch Volume Cu. Ft. CASING CEMENTED SIZE No. FT. NAME OF SERVICE COMPANY COAL WAS ENCOUNTERED AT FEET INCHES FEET IN	011	ones		-			Kind of Packer
Drilling commenced Drilling completed Total depth Date shot Depth of shot Liners Used Liners Used Perf. top Perf. top Perf. top Perf. bottom Cu. Ft. Rock pressure Ibs. hrs. Coal Was encountered at FEET INCHES		IR 1	chie	10			Size of
Date shot Depth of shot 2 Perf. top Perf. bottom Initial open flow /10ths Water in Inch Open flow after tubing /10ths Merc. in Inch Volume Cu. Ft. CASING CEMENTED SIZE No. FT. Rock pressure lbs. hrs. NAME OF SERVICE COMPANY COAL WAS ENCOUNTERED AT FEET INCHES FEET				6%			Depth set
Open flow after tubing /10ths Merc. in Inch Volume	Date shot	Depth of shot		2			Perf. top
NAME OF SERVICE COMPANY NAME OF SERVICE COMPANY NAME OF SERVICE COMPANY	Open flow after tubing	/10ths Merc. in	Inch	Liners Used			Perf. bottom
rillers' Names							No. FT
rillers' Names					OUNTERED A	SF	EET INC
FINAL INSCREPTION	alt water					_	
The Land record		FINAL O.K.	in	DECT.ION			
		1		wella			

DEPARTMENT OF MINES

OIL AND BAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No				Wel	1 No	
COMPANY			ADDRESS			
PARM		DISTRICT_		OUNTY		
Pilling Material Used						
liner Los	stica	Amount	Packer	Location	-	
	ND DEPTH PLACED		BAIDSES	CASIN	G AND TU	BING
CEMENT-THICKNESS	W009-6122	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE LO	
			311176711111111111111111111111111111111			
			namen in the first the state of			INTERNATION OF THE PROPERTY OF
1.						
	gentay and a region of proceedings of the proceeding the place of a filter conservation of the				100	
						-
						-
	T. TAKE	tuata il s				
	*		,			
Prillers' Names					and the contract of the contra	
lemarks:						
A			The state of the s			
			1 = /:			

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

BATE



State of West Virginia

Bepartment of Mines Gil and Gas Division Charleston 25305

April 1, 1985

Theodore M. Streit Administrator

Gene Stalnaker, Inc. P. O. Box 178 Glenville, West Virginia

Barton B. Lay Jr.

Director

26351

In Re:	PERMIT NO:	47-085-6273
	FARM	Allen Jones
	WELL NO:	Hinkle #1
	DISTRICT:	Murphy
	COUNTY:	Ritchie
	ISSUED:	2-21-83

Gentlemen;

The FINAL INSPECTION REPORT for the above captined well has been received in this office. Only the column checked below applies:

The well designeated by the above permit number has been released under your Blanket Bond.

Please return the enclosed cancelled single bond which covered the well designated by the above permit number to the surety company who executed said bond in your behalf, in order that they may give you credit on their records.

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above captined well will remain under bond coverage for life of the well.

Very truly yours,

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

- CIS(49

892

office

THIS ASSIGNMENT, made this 21st day of October, 1982, by and between CARROLL THOMPSON dba NORTH HILLS INVESTMENT COMPANY, a West Virginia General Partnership, whose address is Harrisville, West Virginia, hereinafter called ASSIGNOR and BIG A OIL, INC. a West Virginia Corporation, whose address is Parkersburg, West Virginia, hereinafter called ASSIGNEE.

WITNESSETH:

That for and in consideration of the sum of Ten Dollars (\$10.00), cash in hand paid, and other good and valuable consideration, the receipt of all of which is hereby acknowledged, the ASSIGNOR does hereby sell, assign, grant and convey unto the said BIG A OIL, INC., its successors and assigns, subject to the terms, conditions and reservations herein contained, the following described oil and gas leases in Murphy District, Ritchie County, West Virginia, being more particularly described as follows:

That certain oil and gas lease from Dessie Hinkle to North Hills Investment Company dated January 16, 1982, and of record in the Office of the Clerk of the County Commission of Ritchie County, West Virginia, in Lease Book No. 141 at page 412 thereof; said tract being more particularly bounded and described as follows:

On the North by lands of State Road On the East by lands of Merle Burwell On the South by lands of Tingler farm On the West by lands of Smith heirs

Containing 60 acres, more or less.

That certain oil and gas lease from John W. Conrad and June Conrad, his wife, et al., to North Hills Investment Company, of record in the aforesaid Clerk's office in Lease Book No. 147 at page 258 thereof; and that certain lease from Audrey Cunningham dated September 10, 1982, and of record in the aforesaid Clerk's office in Lease Book No. 148 at page 232 thereof. Said tract being bounded and described as follows:

On the North by lands of T. N. Tanzey
On the East by lands of Thomas Quinn
On the South by lands of John Wright
On the West by lands of T. N. Tanzey

Containing 17 acres, more or less.

TREET

650

Conrad

This Assignment is made subject to all the royalty, terms, provisions and covenants set out and being a part of the original oil and gas leases described herein. This Assignment shall remain in force for a term of ninety (90) days from date hereof and as long thereafter as oil or gas or either of them is produced from the leasehold premises by the ASSIGNEE, its successors or assigns.

The ASSIGNOR reserves the right to enter upon any part of the 60 acre premises to explore for or to produce oil and gas in any geological formation below the depth of 6,000 feet. It is specifically understood that the ASSIGNOR herein may explore for or produce oil and/or gas in any geological formation below such depth without the participation of the ASSIGNEE, its successors or assigns. However, the ASSIGNEE, its successors or assigns shall have the first option to acquire said deep rights.

In the event the ASSIGNOR wishes to assign the deep rights reserved herein they shall first notify the ASSIGNEE in writing delivered by certified mail, the ASSIGNEE shall then have 15 days after receipt to accept the assignment on the terms and conditions proposed by the ASSIGNOR, if, the ASSIGNEE fails to accept the assignment within the 15 days so specified the ASSIGNOR may assign the deep rights as they see fit.

It is specifically understood and agreed for consideration of the premises herein, that the said ASSIGNEE will drill the well situate on the leasehold estate described herein through the Alexander Sands.

SAVING, EXCEPTING AND RESERVING unto the ASSIGNOR herein, free of cost, an overriding royalty interest of 10% of all (8/8) oil, gas or other hydrocarbons produced, saved and sold from the above described land. Such overriding royalty interest shall be free from all development, production, marketing and operating 04/26/2024

AREN SWADLEY
TORNEY AT LAW
E. MAIN STREET
HARRISVILLE,
WEST VIRGINIA
26362

04) 643-2650

894

expenses and charges of any other nature; however, said interest shall bear and pay currently its share of gross production and/or pipeline taxes.

It is understood and agreed that the ASSIGNOR'S share of the overriding royalty interest paid for oil produced and sold from the premises shall be paid directly by the party contracting to purchase all such oil. In addition, it is understood and agreed that the ASSIGNEE shall provide the ASSIGNOR with a copy of the monthly statement provided to them, their heirs or assigns, by the company which purchases the gas from the said premises.

The ASSIGNEE, BIG A OIL, INC., further agrees to hold North Hills Investment Company harmless for any and all damages caused by its drilling, its production or its abandonment of all wells drilled on the lease and Leasehold Estate thereby created.

WITNESS the following signature and seal.

NORTH HILLS INVESTMENT COMPANY, a West Virginia General Partnership,

Carroll Thompson, a General Partner

STATE OF WEST VIRGINIA,
COUNTY OF RITCHIE, TO-WIT:

The foregoing instrument was acknowledged before me this 21st day of October, 1982, by CARROLL THOMPSON, a General Partner, on behalf of NORTH HILLS INVESTMENT COMPANY.

Notary Public, Ritchie County, West Virginia

My Commission expires

October 13, 1991

This instrument was prepared by Karen Swadley, Attorney at law,
210 East Main Street, Harrisville, West Virginia 26362. 04/26/2024

LE.

2650

	OIL AND GAS LEASE	
	A	
	ACREEMENT, made and entered into this leady of financial A. D. 1982	-
	by and between Ressie Histoli & aletis Hinkle V hu	_
	by and between Ressie Historic Conmittee for Chil	_
		-
		-
	of	
	and Max M. Hereinafter called Lessee 1. WITNESSETH: That the Lessor, in consideration of the sum of One Dollar, the receipt of which is hereby acknowledged, and	;
	the covenants and agreements hereinafter contained, does hereby grant unto the Lessee all of the oil and gas and all of the con-	-
	stituents of either in and under the land hereinafter described, together with the exclusive right to drill for, produce and market of and gas and their constituents and of storing gas of any kind in any formation underlying the land, and also the right to enter thereon	n
	at all times for the purpose of drilling and operating for oil, gas and water, laying pipe lines, erecting tanks, machinery, powers and structures, and to possess, use, and occupy so much of said premises as is necessary and convenient for said purposes and to convey	d y
	1º / District	
	County of find the State of founded on the	e
	the above named products therefrom or thereto by pipe lines or otherwise; said land being situate in Males Translep County of Landsof State of County of Landsof Burney Bounded on the NORTH by lands of Burney Bu	3
	EAST by lands of Burl Burwell	*
	SOUTH by lands of the action of the sound of	
	WEST by lands of Anolygess heirs, albert Anoth Heis	*
	Containing acres, more or less and being the same land conveyed to lessor by	
	by deed dated and	1
	recorded in said county records in Book No. Page 2. It is agreed that this lease shall remain in force for a primary term of fulfact years from this date and as long	-
	thereafter as operations for oil or gas are being conducted on the premises, of oil or gas is found in paying quantities thereon, of	3
	any formation underlying the herein leased land is used for storage of gas as provided under paragraph 7 hereof. 3. The Lessee shall deliver to the credit of the Lessor free of cost, in the pipe line to which he may connect his wells, the equal	1
	one-eighth (%) part of all oil produced and saved from the leased premises, and shall pay Lessor.	-
	one-eighth (%) part of all oil produced and saved from the leased premises, and shall pay Lessor. She land fart of all of produced and saved from the leased premises, and shall pay Lessor the Sale of questions for all gas and casing head gas produced and sold from the premises, payable monthly; provided, Lessee shall pay Lessor a revalt, at the	-
	while said royalty is so paid said well shall be held to be a paying well under paragraph 2 hereof.	1
	4. The Lessee shall commence operations for a well on the premises on or before February 16, 1982, unless Lessee	2
	pays thereafter a rental of 5-2 per A. for each 12 months that operations are delayed from the time above mentioned. The consideration first recited herein, the down payment, shall cover not only the privilege granted to the date when first said rental is payable as aforesaid but also the Level payable payable as aforesaid but also the Level payable payabl	0
,	to the date when that said redtal is payable as aforesaid, but also the Lessee's obtion of extending that belied as aforesaid, and	1.
	any and all other rights conferred. The drilling of a non-productive well shall be accepted by the Lessor in lieu of delay rental for a period of one year after its completion, and following the exhaustion or abandonment of all wells the Lessee shall have the right	t
	for a period of one year to resume the payment of delay rental or commence operations for another well. Upon the resumption of payment of rentals the provisions hereof governing such payment and the effect thereof shall continue in force as though they had	1
1	5. All moneys coming due hereunder shall be paid or tendered to Dessie Haible.	
	direct, or by check payable to his (or her) order mailed to The Human Blank I Harridge le	•
>	and no default shall be declared against the Lessee by the Lessor for failure of the Lessee to make any payment or perform any	
	conditions provided for herein unless the Lessee shall refuse or neglect to pay or perform the same for ten days after having re- ceived written notice by registered mail from the Lessor of his intention to declare such default.	
	6. Lessor reserves 200,000 cubic feet of gas per annum for domestic use, to be taken through his own appliances at any producing gas well, and agrees to pay Lessee a fair domestic rate for any gas used in excess thereof. Lessor further covenants and agrees that	
	his taking and use of gas shall be wholly at his own risk, the Lessee not to be held liable for any accident or damage caused thereby, or shall Lessee be liable for any shortage or failure in the supply of gas for said domestic use.	,
,	7. Lessee shall have the right to use any formation underlying the leased premises for the storage of gas and shall have all rights and rights of-way necessary to store and produce such stored gas. As full payment for such storage rights, the Lessee	
	shall pay to the Lessor a rental at the rate of per acre per year, while the premises are so used, and so long as the storage payment is made, all provisions of this lease shall remain in full effect.	
	8. Lessor further grants to the Lessee, his heirs and assigns, the right to unitize this lease with other leases to form a drilling	
	unit or units according to the rules and regulations which may be adopted for the proper development and conservation of the field. In the event this lease is so unitized, the Lessor agrees to accept, in lieu of the royalty hereinbefore recited, such proportion of the royalty above	
	provided, 25 the acreage covered by this lease bears to the total acreage comprising the unit. 9. If said Lessor owns a less interest in the above described land than the undivided fee simple estate therein, then the royal-	
	ies and rentals herein provided shall be paid the Lessor only in the proportion which his interest bears to the whole and undivided	
1	10. No well may be drilled nearer than 200 feet to the house or barn now on said premises without the written consent of Lessor. Lessee shall have and enjoy all rights and privileges necessary and convenient for the proper use and development of this lease,	
2	and hall have the right to use, free of cost, gas, oil and water produced on said land for its operations thereon, except water from wells of Lessor. Lessee shall also have the right at any time to remove all or any part of the machinery, fixtures or structures	
r	placed on said premises, including the right to draw and remove casing. Lessee shall pay for damages caused by its operations to	
	rowing crops on said lands, and, when requested by Lessor, shall bury its pipe lines below plow depth. 11. The interest or estate of either part, negeto may be assigned, the privilege of assigning in whole or in part being expressly	
S	llowed. In event this lease shall be assigned as to any part or parts of the above described land and the assignee or assignees of uch part or parts shall fail or make default in the payment of the proportionate part of the rents due from him or them, such de-	
3	ault shall not operate to defeat or affect this lease insofar as it covers a part or parts of said land upon which the said Lessee or my assignee thereof shall make due payment of said rental. No change of ownership in the land or in the rentals or royalties shall	
b	e binding on the Lessee until after notice to the Lessee and it has been furnished with a written transfer or assignment or a cer- ified copy thereof.	
0	12. At any time, Lessee, its successors or assigns, shall have the right to surrender this lease or any part thereof for cancelation, fter which all payments and liabilities hereunder thereafter shall cease and determine, and if the whole is surrendered, then this	
10	hase shall become absolutely null and void. This surrender may be made to the Lessor, or if more than one Lessor, then to any one if them, or to the heirs or assigns of any one of them by delivery of a duly executed surrender thereof in person or by mail ad-	
d	ressed to the post office address of such person, or by recording a duly executed surrender thereof in the Recorder's office of	
	13. Lessor hereby warrants and agrees to defend the title to the land herein described and agrees that the Lessee at its option	
la	may pay, discharge or redeem any taxes, mortgages, or other liens existing, levied, or assessed on or against the above described ands, and in event it exercises such option, it shall be subrogated to the rights of any holder or holders thereof and may reimburse	
it	self by applying any royalty or rentals accruing hereunder to the discharge of any such taxes, mortgages or other liens.	
re	main in force and its terms continue so long as such operations are prosecuted, and if production results therefrom, then as long production continues. If after the expiration of the term of this lease production from the leased premises shall cease from any	
ca	tuse, this lease shall not terminate provided lessee resumes operations within sixty days from such cessation, and this lease shall main in force during the prosecution of such operations, and, if production results therefrom, then as long as oil or gas is pro-	
di	including the prosecution of such operations, and, it production results therefrom, then as long as on or gas is pro-	
,	Prepared by: Walter C. Crane	
	riepared by. Waiter O. Grane	

OIL AND GAS LEASE

AGREEMEN 1, made and entered into this. Util day of A. D. 19
by and between John W. Conrad and June Conrad, his wife; George W.Conrad and Carla Conrad, his wife; Welby H. Conrad and Roberta Conrad, his wife;
Worthy E. Conrad and Ranona Conrad, his wife; William L. Conrad and Rose-
mary Conrad, his wife and Wilbur R. Conrad and Martha Conrad, his wife
of party of the first part, hereinafter called Lessor (whether one or more),
and North Hills Investment Company party of the second part, hereinafter called Lessee; I. Witnesseth: That the Lessor, in consideration of the sum of One Dollar, the receipt of which is hereby acknowledged, and the covenants and agreements hereinafter contained, does hereby grant unto the Lessee all of the oil and gas and all of the constituents of either in and under the land hereinafter described, together with the exclusive right to drill for, produce and market oil and gas and their constituents and of storing gas of any kind in any formation underlying the land, and also the right to enter thereon at all times for the purpose of drilling and operating for oil, gas and water, laying pipe lines, erecting tanks, machinery, powers and structures, and to possess, use, and occupy so much of said premises as is necessary and convenient for said purposes and to convey
the above named products therefrom or thereto by pipe lines or otherwise; said land being situate in Murphy Howards
Court of Ritchie State West Wirginia
County of Ritchie , State of West Virginia , and described as follows, to-wit: Bounded on the
NORTH by lands of the North Langey
EAST by lands of Thomas Quinn
SOUTH"by lands of John Wright
SOUTH by lands of John Wright WEST by lands of T. N. Tanzey
Continue Seventoon (17)
acres, more or less and being the same land conveyed to lessor by
by deed dated and
Containing 11, Seventeen (17) acres, more or less and being the same land conveyed to lessor by by deed dated and recorded in said county records in Book No. Page
2. It is agreed that this lease shall remain in force for a primary term of two (2) years from this date and as long
thereafter as operations for oil or gas are being conducted on the premises, or oil or gas is found in paying quantities thereon, or any formation underlying the herein leased land is used for storage of gas as provided under paragraph 7 hereof. 3. The Lessee shall deliver to the credit of the Lessor free of cost, in the pipe line to which he may connect his wells, the equal one-eighth (%) part of all oil produced and saved from the leased premises, and shall pay Lessor. The equal 1/8 part of all monies received for the sale of gas
for all gas and casing head gas produced and sold from the premises, payable monthly; provided, Lessee shall pay Lessor a royalty at the rate of Fifty Dollars per year on each gas well while, through lack of market, gas therefrom is not sold or used off the premises, and while said royalty is so paid said well shall be held to be a paying well under paragraph 2 hereof.
4. The Lessee shall commence operations for a well on the premises on or before. July 1 1982 unless Lessee
pays thereafter a rental of One Hundred Seventy for each twelve (12 donths that operations are delayed from
the time above mentioned. The consideration first recited herein, the down payment, shall cover not only the privilege granted to the date when first said rental is payable as aforesaid, but also the Lessee's option of extending that period as aforesaid, and any and all other rights conferred. The drilling of a non-productive well shall be accepted by the Lessor in lieu of delay rental for a period of one year after its completion, and following the exhaustion or abandonment of all wells the Lessee shall have the right or a period of one year to resume the payment of delay rental or commence operations for another well. Upon the resumption of payment of rentals the provisions hereof governing such payment and the effect thereof shall continue in force as though they had not been interrupted.
5. All moneys coming due hereunder shall be paid or tendered to Wilbur R. Conrad
direct, or by check payable to his (or her) order mailed to RFD #2, Harrisville, W. Va. 26362 and no default shall be declared against the Lessee by the Lessor for failure of the Lessee to make any payment or perform any onditions provided for herein unless the Lessee shall refuse or neglect to pay or perform the same for ten days after having received written notice by registered mail from the Lessor of his intention to declare such default. 6. Lessor reserves 200,000 cubic feet of gas per annum for domestic use, to be taken through his own appliances at any producing as well, and agrees to pay Lessee a fair domestic rate for any gas used in excess thereof. Lessor further covenants and agrees that is taking and use of gas shall be wholly at his own risk, the Lessee not to be held liable for any accident or damage caused thereby, or shall Lessee be liable for any shortage or failure in the supply of gas for said domestic use.
KXTAXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
SERVING AND
10. No well may be drilled nearer than 200 feet to the house or barn now on said premises without the written consent of Lessor, essee shall have and enjoy all rights and privileges necessary and convenient for the proper use and development of this lease, and shall have the right to use, free of cost, gas, oil and water produced on said land for its operations thereon, except water from ells of Lessor. Lessee shall also have the right at any time to remove all or any part of the machinery, fixtures or structures acced on said premises, including the right to draw and remove casing. Lessee shall pay for damages caused by its operations to
11. The interest or estate of either party hereto may be assigned, the privilege of assigning in whole or in part being expressly lowed. In event this lease shall be assigned as to any part or parts of the above described land and the assignee or assignees of ch part or parts shall fail or make default in the payment of the proportionate part of the rents due from him or them, such deult shall not operate to defeat or affect this lease insofar as it covers a part or parts of said land upon which the said Lessee or ye assignee thereof shall make due payment of said rental. No change of ownership in the land or in the rentals or royalties shall be binding on the Lessee until after notice to the Lessee and it has been furnished with a written transfer or assignment or a ceried copy thereof.
2. At any time, Lessee, its successors or assigns, shall have the right to surrender this lease or any part thereof for cancelation, ter which all payments and liabilities hereunder thereafter shall cease and determine, and if the whole is surrendered, then this are shall become absolutely null and void. This surrender may be made to the Lessor, or if more than one Lessor, then to any one them, or to the heirs or assigns of any one of them by delivery of a duly executed surrender thereof in person or by mail adessed to the post office address of such person, or by recording a duly executed surrender thereof in the Recorder's office of County in which the land is located.
3. Lessor hereby warrants and agrees to defend the title to the land herein described and agrees that the Lessee at its option by pay, discharge or redeem any taxes, mortgages, or other liens existing, levied, or assessed on or against the above described des, and in event it exercises such option, it shall be subrogated to the rights of any holder or holders thereof and may reimburse and its expressly agreed that if the Lessee shall commence drilling operations at any time while this lease is in force, it shall main in force and its terms continue so long as such operations are prosecuted, and if production results therefrom, then as long production continues. If after the expiration of the term of this lease production from the leased premises shall cease from any tase, this lease shall not terminate provided Lessee resumes operations within sixty days from such cessation, and this lease shall not record during the prosecution of such operations, and, if production results therefrom, then as long as oil or gas is protected in paying quantities.

15. This lease embodies the entire contract and agreement between Lessor and Lessee, and no warranties, representations, promises or inducements not herein expressed have been made or relied upon by either party. The terms, conditions and stipulations hereof shall extend to the respective heirs, executors, administrators, successors and assigns of the parties hereto. 30 Witness the hands and seals of the parties hereto the day and year first above written. ACKNOWLEDGMENT To-wit: a Notary Public of said County, do hereby certify that CANEAD, Roberta CONRAD W. L. CONRAD, ROSEMARY CONEA RoseMARY CONRAD signed to the within writing bearing date the . ha 3 this day acknowledged the same before me in my said County, Given under my hand this My Commission expires WEST SHEGINIA ACKNOWLEDGMENT mmman and STATE OF WE To-wit: , a Notary Public of said County, do hereby certify that signed to the within writing bearing date the _ ha 1 1 this day acknowledged the same before me in my said County. Given under my hand this 22 My Commission Expires Apr. 2, 1936 My Commission expires. OHIO ACKNOWLEDGMENT STATE OF OHIO, COUNTY OF Fairfield Before me, a Notary Public in and for said county, personally appeared the above named and John W Contad The y did sign the foregoing instrument, and that the same is Bremen, Ohio this whereof I have hereunto subscribed my name at. , 19 82. ARVIN ADCOCK My Commission expires Notary Public, State of Ohio My Commission Expires June 8, 1983 Notary Public

