FORM IV-2 (Obverse) (12-81)



Date:	July	77.	19_82
Operator's Well No	Wr	iston	#2
API Well No.	47	067	0595

County State

Permit

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION OTL AND GAS WELL PERMIT APPLICATION

WELL TYPE:	Oil/ Gas/			
	(If "Gas", Production X /	Inderground	storage/	Deep/ Shallow/)
LOCATION:	Elevation: 751'	Watershed:	Twenty-Mile	Creek
	District: <u>Jefferson</u>	County:	Nicholas	Quadrangle: Bentree
WELL OPERATO	OR D. C. Malcolm, Inc.		DESIGNATED AGEN	VT D. C. Malcolm
Address	1006 Commerce Square			06 Commerce Square
	Charleston, W. Va.	25301	Ch	arleston, W. Va. 2530
OIL & GAS ROYALTY OWN	NER Danny W. Wriston, et			Not Operated
Address	Box 18, Vaughn Route		Address	
	_Belva, W. Va.			
Acreage	4		COAL OWNER(S) W	TH DECLARATION ON RECORD:
	ER Danny Wriston, et ux			riston, et ux
Address	Box 18, Vaughn Route			18. Vaughn Route
	Belva, W. Va.			a, W. VA.
Acreage	4			
FIELD SALE (I	F MADE) TO:		Address	
Address				
			COAL LESSEE WIT	H DECLARATION ON RECORD:
OIL & GAS IN	SPECTOR TO BE NOTIFIED		Name	
Name			Address	
Address	a		-	新
Th 1				
	ed well operator is entitled to operate for oil			:
	/dated <u>Sept. 27</u> ,19_ ton, et ux	82, to t	he undersigned well op	erator from Danny W.
	ease, or other contract has been recorded:	:)		
Recorded on	, 19, in the office of	the Clerk o	f the County Commission	on of County, Wes
Va., in	Book at page	A	permit is requested as	follows:
	VORK: Drill X / Drill deeper			
TROTOSED V	Plug off old formation/			
	Other physical change in well (spe			
	Other physical change in wen (spe		And the second s	V 100 mm
	—planned as shown on the work of	order on th	e reverse side hereof.	
The shows nam				antion the control to the last
	ned coal operator, coal owner(s), and coal les 22-4-3 must be filed with the Department of			The second secon
Department.	22-4-5 must be fried with the Department C	of Miles wi	tiiii iiiteeli (13) days a	the receipt of this Application by the
•	Permit Application and the enclosed plat and	l reclamatio	n plan have heen mailed	hy registered mail or delivered by hand a
	coal operator, coal owner(s), and coal lesse			
	of Mines at Charleston, West Virginia.	or och	or the day of the maili	. So delivery of this Fermit Application to
PLEASE SUBMI	T COPIES OF ALL	1111100	621	11/17/2023

GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA OIL AND GAS CONSERVATION COMMIS-SION 1615 WASHINGTON STREET EAST CHARLESTON, WV 25311 TELEPHONE: (304) 348-3092



Malcolm, Inc

Well Operator

By \ Its President

OIL & GAS DIVISION DEPT. OF MINES

BLANKET BOND

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY: ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

GEOLOGICAL	TARGI	ET FOR	MATION,			Injun				
								x / 0	able tools	/
Approxin	nate wat	ter strata	depths:	Fres	h,	60 feet	; salt,	500 feet.		
								in the area? Yes	/ No	v
CASING AND				/		-				
CASINO AND	1 ODII.	0 11100								
CASING OR TUBING TYPE	SPE	Grade	IONS Weight per ft	New	Used	FOOTAGE For drilling	Left in well	CEMENT FILL-U OR SACKS (Cubic feet)	PACKERS	
Conductor								2	Kinds	
Fresh Water	9 5/	8"		х		250'	250 '	surface		
Coal									Sizes	
intermediate	7"		17#	х		1550'	1550'	300'		
Production	4 1/	/2"	10.6			1800'	1800'	300'	Depths set	
Tubing	/		1	**			2000			
Liners					-				Perforations:	
-			 		+-	<u> </u>			Тор	Bottom
		+	+	-	+	 				
the Depresed	epartme ribed by amation	nt, accom Regulat Plan'', a	panied by ion 12, or applicable	(i) a r in l to th	plat in ieu the ie recla	the form preserved ereof the other amation require	cribed by Reguler security allowed by Code \$ 2	ur copies of Form I'lation 11, (ii) a bonwed by Code § 22- 22-4-12b and Regu	d in one of the for 4-2, (iii) Form IV lation 23, (iv) un	rms V-9, less
the Dopresci ''Recl previo Code	epartme ribed by amation ously pai	nt, accom Regulat Plan'', a d on the s Sa from the	panied by ion 12, or applicable same well he owner	(i) a r in l to th to th of an	plat in ieu the ie recla fee req iy wate	the form presence of the other amation required by Code or well or dwe	er security allowed by Code \$ 2 \$ 22-4-12a, and (elling within 200	lation 11, (ii) a bon wed by Code § 22- 22-4-12b and Regu (v) if applicable, the b feet of the proper	d in one of the for 4-2, (iii) Form IV lation 23, (iv) unle consent required used well.	rms V-9, less 1 by
the Dopresco ''Recl previo Code	epartme ribed by amation ously pai \$22-4-8	nt, accom Regulat Plan", a d on the s Sa from the	ipanied by ion 12, or applicable same well he owner	(i) a r in l to th , the f of an	plat in ieu the recla fee required to the plant in the pl	the form presence of the other amation required by Code or well or dwe	er security allowed by Code \$ 2 \$ 22-4-12a, and (alling within 200 or stimulating a	lation 11, (ii) a bon wed by Code § 22- 22-4-12b and Regu v) if applicable, the	d in one of the for 4-2, (iii) Form IV lation 23, (iv) unle consent required used well.	rms V-9, less 1 by
the Dopresco ''Recl previo Code	epartme ribed by lamation ously pai \$22-4-8 eparate lart of the	nt, accom Regulat Plan'', a d on the s a from t Form Iv-2 work for	panied by ion 12, or applicable same well, he owner shall not be which a possible to the possible to the same which a possible to the same which a possible to the same and th	(i) a r in l to th the f of an	plat in ieu the ieu recla fee required in ieu	the form presence of the other amation required by Code or well or dwe	er security allowed by Code \$ 2 \$ 22-4-12a, and (alling within 200 or stimulating a	lation 11, (ii) a bon wed by Code § 22- 22-4-12b and Regu (v) if applicable, the d) feet of the propo- well where fracturi	d in one of the for 4-2, (iii) Form IV lation 23, (iv) unle consent required used well.	rms V-9, less 1 by
the Doprescon Record Code A sobe pa	epartme ribed by lamation ously pai \$22-4-8 eparate of the T BE PO	nt, accom Regulat Plan'', a d on the s a from the Form Iv-2 work for	apanied by ion 12, or applicable same well, he owner shall not which a portage of the Cordanic Cordani	(i) a r in 1 to th , the f of an be rece ermit	plat in ieu the reclasse required is sought.	the form preserved the other amation required by Code er well or dwe for fracturing oght and is noted.	er security allowed by Code \$ 2 \$ 22-4-12a, and (alling within 200 or stimulating a	lation 11, (ii) a bon wed by Code § 22- 22-4-12b and Regu (v) if applicable, the d) feet of the propo- well where fracturi	d in one of the for 4-2, (iii) Form IV lation 23, (iv) unle consent required used well.	rms V-9, less 1 by
PERMIT MUST	epartme ribed by lamation busly pai \$22-4-8 eparate of the T BE PO ESING	nt, accom Regulat Plan'', a d on the s Ba from t Form Iv-2 work for STED AT IN ACCO A. CODE,	panied by ion 12, or applicable same well, he owner shall not be which a portage of the well and the which a portage of the well or the well, the well and the we	(i) a r in 1 to th to th the f of an be rece ermit	plat in ieu the reclaire required is sought. TE. TH CH. ON IS	a the form preserved the other amation required by Code er well or dwe for fracturing oght and is noted. APTER 22, HEREBY	er security allowed by Code \$ 2 \$ 22-4-12a, and (alling within 200 or stimulating a	lation 11, (ii) a bon wed by Code § 22- 22-4-12b and Regu (v) if applicable, the d) feet of the propo- well where fracturi	d in one of the for 4-2, (iii) Form IV lation 23, (iv) unle consent required used well.	rms V-9, less 1 by
PERMIT MUS PROVISIONS ICLE 4 OF THE	epartme ribed by lamation ously pai \$22-4-8 eparate of the T BE PO ESING E W. V/dri	nt, accom Regulat Plan'', a d on the s a from th Form Iv-2 work for STED AT IN ACCO A. CODE, 11ing	panied by ion 12, or applicable same well, he owner shall not which a portage of the Corp. THE WE	(i) a r in 1 to th to th to th for an of a	plat in ieu the reclasse required is sought. TH. CH. CH. CN. IS	a the form preserved the other amation required by Code er well or dwe for fracturing oght and is noted. APTER 22, HEREBY HALL EXPIRE	er security allowed by Code \$ 2 \$ 22-4-12a, and (alling within 200 or stimulating a	lation 11, (ii) a bon wed by Code § 22- 22-4-12b and Regu (v) if applicable, the d) feet of the propo- well where fracturi	d in one of the for 4-2, (iii) Form IV lation 23, (iv) unle consent required used well.	rms V-9, less 1 by
PERMIT MUST	epartme ribed by lamation ously pai \$22-4-8 eparate of the T BE PO ESING E W. V/dri	nt, accom Regulat Plan'', a d on the s a from th Form Iv-2 work for STED AT IN ACCO A. CODE, 11ing	panied by ion 12, or applicable same well, he owner shall not which a portage of the Corp. THE WE	(i) a r in 1 to th to th to th for an of a	plat in ieu the reclasse required is sought. TH. CH. CH. CN. IS	a the form preserved the other amation required by Code er well or dwe for fracturing oght and is noted. APTER 22, HEREBY HALL EXPIRE	er security allowed by Code \$ 2 \$ 22-4-12a, and (alling within 200 or stimulating a	lation 11, (ii) a bon wed by Code § 22- 22-4-12b and Regu (v) if applicable, the office of the propo- well where fracturi	d in one of the for 4-2, (iii) Form IV lation 23, (iv) unle consent required used well.	rms V-9, less 1 by
PERMIT MUS PROVISIONS ICLE 4 OF THE	epartme ribed by lamation ously pai \$22-4-8 eparate of the T BE PO ESING E W. V/dri	nt, accom Regulat Plan'', a d on the s a from th Form Iv-2 work for STED AT IN ACCO A. CODE, 11ing	panied by ion 12, or applicable same well, he owner shall not which a portage of the Corp. THE WE	(i) a r in 1 to th to th to th for an of a	plat in ieu the reclasse required is sought. TH. CH. CH. CN. IS	a the form preserved the other amation required by Code er well or dwe for fracturing oght and is noted. APTER 22, HEREBY HALL EXPIRE	er security allowed by Code \$ 2 \$ 22-4-12a, and (elling within 200 or stimulating a	lation 11, (ii) a bon wed by Code § 22- 22-4-12b and Regu (v) if applicable, the office of the propo- well where fracturi	d in one of the for 4-2, (iii) Form IV lation 23, (iv) unle consent required used well.	rms V-9, less 1 by
PERMIT MUS PROVISIONS ICLE 4 OF THE	epartme ribed by lamation ously pai \$22-4-8 eparate of the T BE PO ESING E W. V/dri	nt, accom Regulat Plan'', a d on the s a from the Form Iv-2 work for STED AT IN ACCO A. CODE, 11ing	panied by ion 12, or applicable same well, he owner shall not which a portage of the Corp. THE WE	(i) a r in 1 to th to th to th for an of a	plat in ieu the reclasse required is sought. TH. CH. CH. CN. IS	a the form preserved the other amation required by Code er well or dwe for fracturing oght and is noted. APTER 22, HEREBY HALL EXPIRE	er security allowed by Code \$ 2 \$ 22-4-12a, and (elling within 200 or stimulating a	lation 11, (ii) a bon wed by Code § 22- 22-4-12b and Regu (v) if applicable, the office of the propo- well where fracturi	d in one of the for 4-2, (iii) Form IV lation 23, (iv) unle consent required used well.	rms V-9, less 1 by
PERMIT MUS PROVISIONS ICLE 4 OF THE	epartme ribed by lamation ously pai \$22-4-8 eparate rt of the T BE PO ESING EW. V/ dri	nt, accom Regulat Plan'', a d on the s a from the Form Iv-2 work for STED AT IN ACCO A. CODE, 11ing	panied by ion 12, or applicable same well, he owner shall not which a portage of the Corp. THE WE	(i) a r in 1 to th to th to th for an of a	plat in ieu the reclasse required is sought. TH. CH. CH. CN. IS	a the form preserved the other amation required by Code er well or dwe for fracturing oght and is noted. APTER 22, HEREBY HALL EXPIRE	er security allowed by Code \$ 2 \$ 22-4-12a, and (elling within 200 or stimulating a	lation 11, (ii) a bon wed by Code § 22- 22-4-12b and Regu (v) if applicable, the office of the propo- well where fracturi	d in one of the for 4-2, (iii) Form IV lation 23, (iv) unle consent required used well.	rms V-9, less 1 by
the Doprescon Record Previous Code A sobe pa PERMIT MUST PROVISIONS ICLE 4 OF THE ROVED FOR PERATIONS IN The state of th	epartme ribed by lamation ously pai \$22-4-8 eparate of the T BE PO EEING E W. V. dri	nt, accom Regulat Regulat Plan'', a d on the s Ba from the Form Iv-2 work for STED AT IN ACCO A. CODE, 11 ing	panied by ion 12, or applicable same well, he owner shall not which a port of the WE ORDANC THE LOOP T	(i) a r in 1 to th to th, the f of an be received to the following the f	plat in ieu the reclaire required is sought. THE CHOON IS 3-2	the form preserved the other amation required by Code er well or dwe for fracturing oght and is noted. APTER 22, HEREBY HALL EXPIRE 23-83	er security allowed by Code \$ 2 \\$ 22-4-12a, and (alling within 200 or stimulating and as such on the	lation 11, (ii) a bon wed by Code § 22- 22-4-12b and Regu (v) if applicable, the office of the propo- well where fracturi	d in one of the for 4-2, (iii) Form IV lation 23, (iv) under consent required sed well. In gor stimulating is connection therew	rms V-9, less I by s to rith.
PERMIT MUS PROVISIONS ICLE 4 OF THE ROVED FOR PERATIONS 1.	epartme ribed by lamation ously pai \$22-4-8 eparate of the T BE PO ESING dri	nt, accom Regulat Regulat Plan'', a d on the s Ba from the Form Iv-2 work for IN ACCO A. CODE, 11 ing g waiver mander Cool	panied by ion 12, or applicable same well, he owner shall not lead to which a portion of the well and the which a portion of the well and the well a	(i) a r in 1 to th, the f of an be received to the following the followi	plat in ieu the ieu the reclaire required is sought. TH CH. ON IS MIT S 3-2	the form preserved the other amation required by Code er well or dwe for fracturing oght and is noted. APTER 22, HEREBY HALL EXPIRE 23-83 The coal operator ermit is to be WALL.	or and by any coasissued within	lation 11, (ii) a bonwed by Code § 22-4-12b and Regular (v) if applicable, the proposed well where fracturing Form IV-2 filed in all owner or coal less fifteen (15) days of the proposed in t	d in one of the for 4-2, (iii) Form IV lation 23, (iv) under consent required sed well. In gor stimulating is connection therewell. In the connection therewell is the connection there is the connection therewell is the connection there is the connection the connection there is the connection there is the connection the connection there is the connection the connection there is the connection the connection the connection there is the connection there is the co	rms V-9, less I by s to rith.
The undersign proposed well. The undersign proposed well. The undersign proposed well.	epartme ribed by lamation ously pai \$22-4-8 eparate of the T BE PO ESING EW. WA dri	nt, accom Regulat Regulat Plan'', a d on the s Ba from the Form Iv-2 work for STED AT IN ACCO A. CODE, 11 ing g waiver m ander Cod al operato If a mino no object	panied by ion 12, or applicable same well, the owner shall not which a possible of the control o	mplet	plat in ieu the ieu the recla fee requiy water guired fi is sought. THE CHON IS 3-22 THE CHON IS 3-22	the form preserved the other amation required by Code er well or dwe for fracturing oght and is noted. APTER 22, HEREBY HALL EXPIRE 23-83 The coal operator of the coal operator is to be well or dwe were the area of seed to be done.	or and by any coasissued within	lation 11, (ii) a bonwed by Code § 22-4-12b and Regular (v) if applicable, the proposed of the proposed well where fracturing Form IV-2 filed in the coal under the proposed of the coal under the proposed of the coal under the proposed of the well location and provided the well l	d in one of the for 4-2, (iii) Form IV lation 23, (iv) unle consent required sed well. Ing or stimulating is connection therew see who has record freceipt thereof.	rms V-9, less I by s to rith.
The undersign proposed well. The undersign proposed well. The undersign proposed well.	epartme ribed by lamation ously pai \$22-4-8 eparate of the T BE PO ESING EW. WA dri	nt, accom Regulat Regulat Plan'', a d on the s Ba from the Form Iv-2 work for STED AT IN ACCO A. CODE, 11 ing g waiver m ander Cod al operato If a mino no object	panied by ion 12, or applicable same well, the owner shall not which a possible of the control o	mplet	plat in ieu the ieu the recla fee requiy water guired fi is sought. THE CHON IS 3-22 THE CHON IS 3-22	the form preserved the other amation required by Code er well or dwe for fracturing oght and is noted. APTER 22, HEREBY HALL EXPIRE 23-83 The coal operator of the coal operator is to be well or dwe were the area of seed to be done.	er security allower sec	lation 11, (ii) a bonwed by Code § 22-4-12b and Regular (v) if applicable, the proposed of the proposed well where fracturing Form IV-2 filed in the coal under the proposed of the coal under the provided, the well location, provided, the wind provided in the coal under the provided in the well location of the well location of the coal under the provided in the well location of the coal under the provided in the well location of the well location	d in one of the for 4-2, (iii) Form IV lation 23, (iv) und consent required sed well. In gor stimulating it connection therew see who has record freceipt thereof. It well lacation has been added the ell operator has consent required the second s	rms V-9, less I by s to rith.
The undersign proposed well. The undersign proposed well. The undersign proposed well.	epartme ribed by lamation ously pai \$22-4-8 eparate of the T BE PO ESING EW. WA dri	nt, accom Regulat Regulat Plan'', a d on the s Ba from the Form Iv-2 work for STED AT IN ACCO A. CODE, 11 ing g waiver m ander Cod al operato If a mino no object	panied by ion 12, or applicable same well, the owner shall not which a possible of the control o	mplet	plat in ieu the ieu the recla fee requiy water guired fi is sought. THE CHON IS 3-22 THE CHON IS 3-22	the form preserved the other amation required by Code er well or dwe for fracturing oght and is noted. APTER 22, HEREBY HALL EXPIRE 23-83 The coal operator of the coal operator is to be well or dwe were the area of seed to be done.	er security allower sec	lation 11, (ii) a bonwed by Code § 22-4-12b and Regular (v) if applicable, the proposed of the proposed well where fracturing Form IV-2 filed in the coal under the proposed of the coal under the proposed of the coal under the proposed of the well location and provided the well l	d in one of the for 4-2, (iii) Form IV lation 23, (iv) und consent required sed well. In gor stimulating it connection therew see who has record freceipt thereof. It well lacation has been added the ell operator has consent required the second s	rms V-9, less I by s to rith.

IV-9 (Rev 8-81)



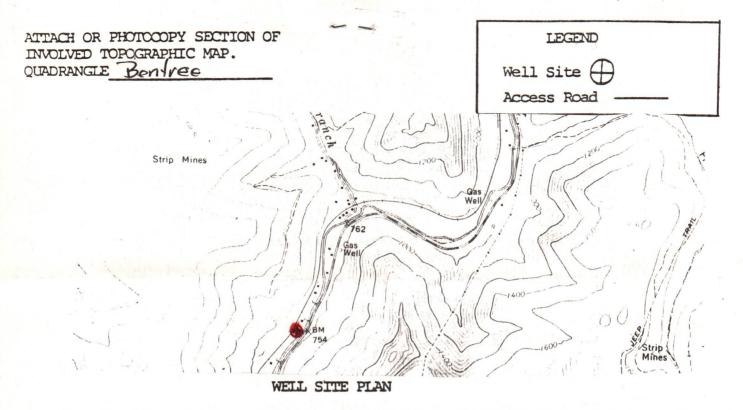
DATE	July	7,	198	32	W.
WEIL	NO. WI	rist	on	#2	

State of Mest Mirginia API NO. 47- 067- 0595

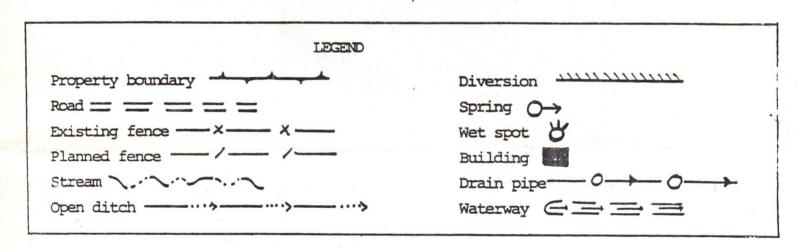
Bepartment of Mines Bil and Gas Bivision

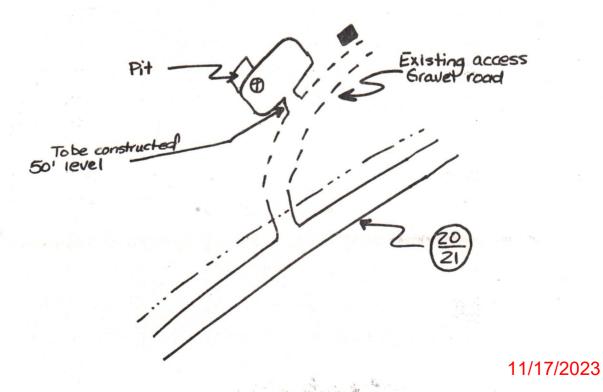
CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME D. C. Malcolm, Inc.	DESIGNATED AGENT D. C. Malcolm
Address 1006 Commerce Square	Address 1006 Commerce Square
Telephone 343-9593	Telephone 343-9593
LANDOWNER	SOIL CONS. DISTRICT Elk
Revegetation to be carried out by D.C.	Melcolm (Agent)
This plan has been reviewed by	SCD. All corrections
and additions become a part of this plan:	7-12-82 (Date)
	Vary - Bowler
	(SCD Agent)
ACCESS ROAD	LOCATION
Structure (A)	Structure (1)
Spacing	Material
Page Ref. Manual	Page Ref. Manual
Structure (B)	Structure (2)
Spacing Spacing	Material
Page Ref. Manual JUL 2 0 1982	Page Ref. Manual
Structure (C)	Structure(3)
Spacing OIL & GAS DIVISION DEPT. OF VINE	Material
Page Ref. Manual	Page Ref. Manual
All structures should be inspected regular commercial timber is to be cut and stacked of cut and removed from the site before dirt wo	and all brush and small timber to be
ALM .	
REVEGETIAT	TON
Treatment Area I	Treatment Area II
Lime 3 Tons/acre or correct to pH 6.5	Lime 3 Tons/acre
Fertilizer 1000 lbs/acre	Fertilizer 1000 lbs/acre
(19=20-20 or equivalent)	(16-20-20 or equivalent)
Mulch Straw 2 Tons/acre	Mulch Straw 2 Tons/acre
Seed* Ky 35 3 lbs/acre	Seed* Ky 3531 35 2 lbs/acre
Annual Rye 10 lbs/acre	Annual Rye 10 lbs/acre
lbs/acre	lbs/acre
*Inoculate all legumes such as vetch, trefoi Inoculate with 3X recommended amount.	il and clovers with the proper bacterium.
	FEFARED BY D. C. Malcolm Colline
MOTES: Please request landowners' appropriation to protest new	APPRESS 1006 Commerce Square
seedling for one growing season. Attach separate sheets as	Charleston, W. Va. 25301
3	FHONE NO343-9593



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.





		R	-		00
1)	Date:	June	1,	, 19	83
-,	2000			,	

2) Operator's WRiston #2

A. ILILLUA								Well No. 647		0595 -1
ILLING CONT	RACTOR:		MAIN		STA	TE OF WEST VIR	GINIA TOTAL TR	danua bak singa	County	(S Permit
578 B 011			DE	PART	MENT	OF MINES, OIL A	ND GAS DIVISIO	d out by office!	To be fille	(8
are produc	Sinw with							ns natural crude		(AA
insation of g	ibano 10 x	Head but	TON ONE	hich	h pha	uction methods	y ordinary prog	in liquid form b	at the well	
WELL TYPE								es underground		X
								_/ Deep	_/ Shallow _	
LOCATION:	Elevati	on:	751	io noi	damae	Watershed:	cholas	Quadrangle:	Bentree	(6)4
WELL OPER	ATOP T		Malac	1m	Tn	7 11	DESIGNATED	AGENT D.	C. Malco	lm
Address	1006	Comr	merce	Sai	lare	nore or paraidu	Address	1006 Com	merce So	uare
	Char	lest	on, W	7 2	5301	ess then six the	diqub a ta to	Charlest	on, WV 2	5301
OIL & GAS								Not o	perated	
ROYALTY	WNER _	18 7	Janahi	n Ri	DIT CO	vasamos notis) COAL OPERAT	ermit can be iss		
Address	Bely	ra, W	Vaagiii		1 to 1	10U at	Address Addres	with the Secretar	Legistered	
Acreage	4	Page Lan	1 6 6 6			13	COAL OWNER	(S) WITH DECLAR	RATION ON RE	ECORD:
SURFACE O	WNER_I	anny	Wrist	ton		W11 AA 11	Da	nns Wrigto	n	79
Address	parry S	SAME	e er bara	The Late	491	, Dani, Al Benet	Address	SAME		10
	-		Y						IsnoitgO	(0
	IEREAS.		<u> </u>	g (a)	ke di	tatre of b		organista it.	See Reg. 7	(11
FIELD SALE	E (IF MADE	() TO:	nitriona		lamenta	nartnershin na	Address	rator" means an	"Coal One	12)
Audress	11 11 11 11 11 11 11 11 11 11 11 11 11	2300011014		242 1430			COAL LESSEE	WITH DECLARAT		ORD:
OIL & GAS	INSPECTO	R TO BE	NOTIFIE	D AC	PEEL	TENT ON T	Name Not	leased		
NameC1	caig Du	ickwo:	rth	Walter Commencer			Address			O CHI
Address	nig or sing	Iraclun	ioi baiu	1097.5	d jon	Form IV-2 shall	olanaqoa A.—D nalah kalaman	ordinaria GO	JBHI ATOW	(C)
as such on i	Da100 918.	72-61	65	30 E I	10mw	cof the work for	ong is to be par inaliherani h	mining or signification of the connection of the	JUN - 8 1	983
PROPOSED						/ Redrill		ture or stimulate		lo r
						cify)			II & GAS DI	VICION
GEOLOGIC							CUL, ALOU	DE	THE PARTY OF THE P	AISION
17) Estimate	d depth of co	ompleted v	vell,	20	00	feet	r. and shallow	cepest freshwate	Depth to d	(811 AT.
									elevation	
19) Approxi	mate coal sea	am depths:	2		?	Is coal	being mined in the	area? Yes	/ No	(81
CASING AN	D TUBING	PROGRA	AM					o mesterne verise	hannens()	ran
CASING OR	194 EU-14-60. 	SPE	CIFICATION		Ave I		E INTERVALS	CEMENT FILL-UP	a medodara	
TUBING TYPE	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well	OR SACKS (Cubic feet)	00 11.00	110
Conductor	9 5/8	2000 TO	00111100	X		250	250	surface	Kinds by &	ule 15-
Fresh water	a.Mal	golm,	ALMC .	sorp Y	1-18713	e da unihadenishe	al Operations and a	la maitair omb le	HEADS	
Coal	ted steed	same Le	rinas) ne	0.00	witter	- today 30 sersel	Un of sairing th	2001	Sizes	
Intermediate	7"	of h	17	X	Onde	1550	1550	300' 500'	100 01	00 00
Production	4 1/2	igir atti	10.5	X	1000 1	2000	2000	300	Depths set Of	18 150
Tubing	36.3				Com to	10 0 1/4 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- i shaharra y	Haro la 19 1	Perforations:	10.00
Liners		.101	21003 TO	0000	douts	dono do enoisive	ic chave an	io manaroren -	Тор	Bottom
7			1 7 2				1(¢).	11(d) and 22-4-1	Code 22-4-	(22)
. WIE	WESS-	DUGA		The state of	Sec. 24.6	ritoria editivorna	mild to result	7 02 of the Elect	Regulation	03)
EXTRACTION	ON RIGHTS	and infero	a Of corl ha	dinna	ener min	s dist in the fo	i) vd pelmagmo	Department, acc	ed with the	
Check and no	rovide one o	f the follo	wing:			of the Property of the Park	Lin Chantain		Lie Lorns o	
Includ	led is the lea	se or lease	s or other	contir	uing co	ntract or contracts	by which I hold the	right to extract oil		
					S. Salar A.	(See reverse side fo		ously paid on the		
ROYALTY I			arket the c	oil or g	as based	upon a lease or othe	er continuing contra	ct or contracts provid	ding for flat well	royalty or ar
similar provi	sion for con	npensation	to the ov	vner o	f the oil	or gas in place wh	ich is not inherentl	y related to the volu	ime of oil or ga	S SO EXITACIE
produced or	marketed?	Yes L	No X	eeded	If the	answer is Yes, you r	nay use Affidavit I	Form IV-60.	to alkie of a	
										d to the sho
				closed	plat an	d reclamation plan	have been mailed b	y registered mail or or y of this Permit Ap	plication to the	Department
named coal	operator, co	al owner(s	and coa	l lesse	on or	before the day of th	e maning of deliver	DM	0	San Market and
Mines at Ch	VI/I/	in VII	7/0/1	1/1	Los	d	Signed:	to 1/al	cal	
Notary:	Mar	7 11	(CA	4	92		Its:	Tres iden	the officers	Kara Sala
My Commissi	on Expires_	V TO SERVE	7	7 0				To to day	most de recept	
						OFFICE USE C	Commence of the Commence of th			
	47-0	67-059	5-REN			DRILLING PE	RMIT	July	14	19
ermit number										2023
to and months	orthow our	l operator	and well I	locatio	n show	below is evidence	of permission grant	ted to drill in accord	ance with the pe	ertinent legal
his permit cove irements subje	ect to the co	nditions co	ontained h	erein a	nd on t	he reverse hereof. N	otification must be	given to the District	or his contracto	spector. r shall notify
	was done do Alban		ON OF PAGE	e loca	tions an	d pits for any permi- mitted work has con	HEU WOLK.	on, the well operator	liw hadanton	earl youan
oper district o	il and gas in	spector 24	4, 198	ore ac	tuai pei	IMILECOM II DELLE		d prior to that date a	A second	
ermit expires			Plat		Caste	Fee	111111	dia di	Java	Λ
Bond:	A Agei		1,0	1	1	1 218	- ime	dministrator, Office	of Oil and Gas	1
1		VA	1	1	4	1000				

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

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. TIMSWAIVERLING _/of the coal under this well location has ex-The undersigned coal operator___ _/ lessee__ _/ owner__ amined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations. Date:

7 595

1,



State of Mest Mirginia

Bepartment of Mines Gil and Gas Division Charleston 25305



OIL & GAS DIVISION
DEPT. OF MINES

Yes / No χ / The right to extract, produce or market the oil or gas is based upon a lease or leases or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil and gas so extracted, produced or marketed.

If the answer to this question is yes, you may use this affidavit.

AFFIDAVIT

interest in the and gas in place ived by conformation to be	authorized representative ther ay that the undersigned is authorized the well to state that it shall lace not less than one-eighth or allowed to the owner of the part of the part of the part of the owner of the part of the owner own	tender to the f the total amo working interes	wher of the working owner of the oil unt paid to or the wellhead rededucting the
Signed:	or gas to be extracted, produce	ed or marketed	from the well
Taken, subscri Signed:	ibed and sworn to before me thi	sday of	. 19
My Commission	Expires:		1

Prepared by: D. B. McCabe Bedford Rd. Charleston AND CAS LEASE BOOK 054 PAGE 44 2146 AGREEMENT, made and entered into this by and between Charles P. Kunty WVa party of the first part, hereinafter called Lessor (whether one or more), D.C. Malcolm, Inc. and D.C. Molcotto.

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 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 convergence of 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 convergence of 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.

Township .party of the second part, hereinafter called Lessee; the above named products therefrom or thereto by pipe lines or otherwise; said land being situate in felescon. Township, County of Mucholas , State of West Viaginia , and described as follows, to-wit: Bounded on the NORTH by lands of Europe and Rumbon Co.

SOUTH by lands of Goulay Rumbon Co. WEST by lands of 5. W. Chaig and containing 3.4 acros, 32.44 acros, 37.34 acros, 35. | acros, 1.55. | 2.0. | acres, more or less. It being the intention to describe herein all of the lands of the lessor located in the Township or District aforesaid.

2. It is agreed that this lease shall remain in force for a term of 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 (1/8) part of all oil produced and saved from the leased premises, and shall pay Lessor.

for all gas produced and sold from the premises, payable quarterly; 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. More and 1982, or pay thereafter a rental of 120.00 for each 120 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 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 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 not been interrupted.

5. All moneys coming due hereunder shall be paid or tendered to Charles P. Kurtage and no default shall be declared against the Lessee by the Lesser 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 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 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, nor 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.

fee.

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, 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 wells of Lessor. Lessee shall also have the right at any time to remove all or any part of the machinery, fixtures or structures placed on said premises, including the right to draw and remove casing. Lessee shall pay for damages caused by its operations to growing crops on said lands, and, when requested by Lessor, shall bury its pipe lines below plow depth.

11. The interest or estate of either party hereto may be assigned, the privilege of assigning in whole or in part being expressly allowed. In event this lease shall be assigned as to any part or parts of the above described land and the assignee or assignees of such part or parts shall fail or make default in the payment of the proportionate part of the rents due from him or them, such default 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 any 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 certified copy thereof.

12. At any time, Lessee, its successors or assigns, shall have the right to surrender this lease or any part thereof for conceletions.

12. At any time, Lessee, its successors or assigns, shall have the right to surrender this lease or any part thereof for cancelation, after which all payments and liabilities hereunder thereafter shall cease and determine, and if the whole is surrendered, then this lease shall become absolutely null and void. This surrender may be made to the Lessor, or if more than one Lessor, then to any one of 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 addressed to the post office address of such person, or by recording a duly executed surrender thereof in the Recorder's office of the County in which the land is located.

13. Lessor hereby warrants and agrees to defend the title to the land herein described and agrees that the Lessee at its option may pay, discharge or redeem any taxes, mortgages, or other liens existing, levied, or assessed on or against the above described lands, and in event it exercises such option, it shall be subrogated to the rights of any holder or holders thereof and in the above described lands, and in event it exercises such option, it shall be subrogated to the rights of any holder or holders thereof and in the lands accruing hereunder to the discharge of any such taxes, mortgages or other liens.

14. It is expressly agreed that if the Lessee shall commence drilling operations at any time while this lease is in force, it shall remain in force and its terms continue so long as such operations are prosecuted, and if production results therefrom, then as long as production continues. If after the expiration of the term of this lease production from the leased premises shall cease from any cause, this lease shall not terminate provided Lessee resumes operations within sixty days from such cessation, and this lease shall remain in force during the prosecution of such operations, and, if production results therefrom, then as long as oil or gas is produced in paying quantities. duced in paying quantities. JUN - 8 1983

15. This lease embodies the entire contract and agreem ises or inducements not herein expressed have been made hereof shall extend to the respective heirs, executors, administration of the second shall extend to the respective heirs.	or relied upon ministrators, succ	hy oither no	arty. The signs of the	terms, condition parties hereto.	ne and etimulation
Witness the hands and seals of the parties hereto the day	and year first	above writter	a.	1	***************************************
WITNESS:		chu	40	0 1	
		61.70		W	(SEAL
N CV		Gall	Ta	25	(SEAL
					(SEAL
· ·					(SEAL
					(SEAL
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				(SEAL
3 757					(SEAL
WEST VIDGO	INIA ACKNOW	U EDCMENT			
STATE OF WEST VIRGINIA)	LEDGMEN			
COUNTY OF Nicholas	} To	o-wit:			
D. R. MCCala					
Charles P Kunt and	Sal a Notary	Public of said	d County, d	o hereby certif	y that
whose name and signed to the within writing bearing	data the	2.1	}/~	m	1087
a UE this day acknowledged the same before me in my			a day	01	, 19.0
Given under my hand this 3nd de	ay of M	arch	···	, 1982	0
		Dyen	B.	mcca	le
My Commission expires October 31, 190	89	31400	wide	Notary Public	
WEST VIRGI	INIA ACKNOW	LEDGMENT			
TATE OF WEST VIRGINIA	. 1				
COUNTY OF	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	o-wit:			
	,				
I,	, a Notary	y Public of said	d County, d	o hereby certif	y that
whose name signed to the within writing bearing			day	of	10
na this day acknowledged the same before me in my					
Given under my hand this de		******************************		., 19	
#				Notary Public	
My Commission expires	···			Tubile	
ОНЮ	ACKNOWLEDG	MENT			
STATE OF OHIO,	1.				
COUNTY OF	S	S.		1	
SOOM I OF	······•	*			
Before me, a Notary Public in and for said county, person	mally appeared	the above na	amed		
hat he did stom the foregoing in the land	.11	•			who acknowledge
hat he did sign the foregoing instrument, and	that the same	is		free act and	deed. In testimor
whereof I have hereunto subscribed my name at	,		, th	is	
My Commission expires TATE OF WEST VIRGINIA	*************************				
Vicholas County Commission Office 3/15 19	82	***************************************	Notary	Public	***************************************
This 0+9 lease was this day presente	ed	BOOK	154 FAG	45	
re said office and thereupon together with t	1			10	11 .
ertificate thereto annexed is admitted to recor	d. B	Location	ate	H	Globe
Teste Tom Blankenshipele	1.	on		S C	9
Teste Town January ele	2		MA1	() 8	
70 m	2		0 5)	ع و
	8		2	3	11/17 2023
ECORDING	A		,	2 1	
_	N N			6 2	د ا ق
DATA			6	7	8
).	Stat		1	2 3	
	-			HN	20
	2		19	,	Se
	*		19 49	7	-
-					
			P	2	

OIL AND GAS LEASE BOOK US4 PAGE 510

day of Septemben A. D. 1981, AGREEMENT made and entered into this 2771 by and between PANNY W. Whiston L. WRISTON HIS AND VALEXIA WiFe

.. party of the first part, hereinafter called Lessor (whether one or more), D.C. MALCOLM INCparty of the second part, hereinafter called Lessee; l. 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 Teffenson County of NiC40LAS , State of WEST wildiniff , and described as follows, to-wit: Bounded on the

NORTH by lands of Edward Fosten

EAST by lands of Federal Conl Co & John P. Fosyer

SOUTH by lands of BERT L. WK. STOW

WEST by lands of FEDERAL COML CO and containing Four Acres

It being the intention to describe herein all of the lands of the lessor located in the Township or District aforesaid. 2 years from this date and as long

any formation underlying the herein leased land is used for storage or 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 (1/8) part of all oil produced and saved from the leased premises, and shall pay Lessor.

for all gas produced and sold from the premises, payable quarterly; 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.

thereafter a rental of The Lord Bohlans for a well on the premises on or before Al Movember, 19 %, or pay thereafter a rental of 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 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 not been interrupted. 4. The Lessee shall commence operations for a well on the premises on or before 17 November, 19 81, or pay

5. All moneys coming due hereunder shall be paid or tendered to PANNY L. WRISTON

direct, or by check payable to his (or her) order mailed to UAUGHIN AT. BELVA, US.VA and no default shall be declared against the Lessee by the Lessof 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 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 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, nor 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 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 of any size up to acres for development of the area. 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, as 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-

9. If said Lessor owns a less interest in the above described land than the undivided fee simple estate therein, then the royalties and rentals herein provided shall be paid the Lessor only in the proportion which his interest bears to the whole and undivided

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, 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 wells of Lessor. Lessee shall also have the right at any time to remove all or any part of the machinery, fixtures or structures placed on said premises, including the right to draw and remove casing. Lessee shall pay for damages caused by its operations to growing crops on said lands, and, when requested by Lessor, shall bury its pipe lines below plow depth.

11. The interest or estate of either party hereto may be assigned, the privilege of assigning in whole or in part being expressly allowed. In event this lease shall be assigned as to any part or parts of the above described land and the assignee or assignees of such part or parts shall fail or make default in the payment of the proportionate part of the rents due from him or them, such default 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 any 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 certified copy thereof.

12. At any time, Lessee, its successors or assigns, shall have the right to surrender this lease or any part thereof for capacitation.

12. At any time, Lessee, its successors or assigns, shall have the right to surrender this lease or any part thereof for cancelation, after which all payments and liabilities hereunder thereafter shall cease and determine, and if the whole is surrendered, then this lease shall become absolutely null and void. This surrender may be made to the Lessor, or if more than one Lessor, then to any one of 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 addressed to the post office address of such person, or by recording a duly executed surrender thereof in the Recorder's office of the County in which the land is located.

13. Lessor hereby warrants and agrees to defend the title to the land herein described and agrees that the Lessee at its option may pay, discharge or redeem any taxes, mortgages, or other liens existing, levied, or assessed on or against the above described lands, and in event it exercises such option, it shall be subrogated to the rights of any holder or holders thereof and may regard that if the Lessee shall commence drilling operations at any time while this lease is in force, it shall remain in force and its terms continue so long as such operations are prosecuted, and if production results therefrom, then as long as production continues. If after the expiration of the term of this lease production from the leased premises shall cease from any cause, this lease shall not terminate provided Lessee resumes operations within sixty days from such cessation, and this lease shall red during the prosecution of such operations, and, if production results therefrom, then as long as oil or gas is produced in paying quantities. duced in paying quantities.

DEPT. DE MINES

7.86L 0 7 7 1/17/2023

	102.		ind stipulation
Vitness the hands and seals of the parties hereto the day and year	first above written.		
TNESS:	V Danne 1.1 2	wistor	/CEA
	Maleria Waisto		(SEA
	By V. (J. W. St. St. St. St. St. St. St. St. St. St		

			•
-		***************************************	

			(SEA
WEST VIRGINIA ACK	NOWLEDGMENT		
OUNTY OF Nicholas	To-wit:		
	•		
, OKEY M. SIMMS , aN	Notary Public of said Cour	aty, do hereby certify the	at PANN
J. WKISTON AND VALERIA 2 WRIST	1 - Th		
ose name 1 And signed to the within writing bearing date the			, 19
5 this day acknowledged the same before me in my said Councilled under my hand this 27.74 day of 3	OPTEMBER	10 41 18	Ser-
given under my hand this property and day or y	they 2 Se	in the little	90
7	filling the second	Notary Public	(5)80
Commission expires MARC4 10, 1990	,	28	SI
WEST VIRGINIA ACK	NOWLEDGMENT	1111	
ATE OF WEST VIRGINIA	1	υZ	20 70
UNTY OF	To-wit:	DEATE GA	198
UNIT OF)	CAT GA	22
, a l	Notary Public of said Cou	nty, do hereby certify th	at VISI
			MINON
ose name signed to the within writing bearing date the		day of	, 196
this day acknowledged the same before me in my said Cour	nty.	protein .	par .
Given under my hand this day of	•••••	19, 5.	F:1
	**************************************	932	
		Notary Public	<
y Commission expires		30	-
OHIO ACKNOW	LEDGMENT	<u> </u>	73
TATE OF OHIO,	1		57
DUNTY OF	SS.	- (F)	, a. s.
OUNTY OF)	25 m 2	475
Before me, a Notary Public in and for said county, personally app	peared the shove named	X - 2	(1)
app		1	ture.
			o acknowle
athe did sign the foregoing instrument, and that the	same is	free act and dee	ed. In testin
hereof I have hereunto subscribed my name at		, this	
y of, 19			
y Commission expires			
T A. C.	***************************************	Notary Public	***************************************
Prepared by: Okey Simms			
	0 1 1 2 1	J : .	11
er	Acres Location County		
	tion		
STATE OF WEST VIRGINIA			0
	1		panel •
Nicholas County Commission Office 7-9 1985			D
This Lease was this day pigs inted		11/	/ 17/2 02
in said office and thereupon together with the			Profession
certificate thereto annexed is admitted to cord.		70	(2)
			8
Testanton Manderal & Hill			
Tester Som Blandenship Cle k	Str		- Innerest
Teste Jon Blandenship Clerk	State		0
BOOK U54 PAGE 511	State.	5	Lease

-

to the transfer of



IV-35 (Rev 8-81)

State of West Hirginia Well No.

Department of Mines Gil and Gas Division

DateOctober 27, 1983
Operator's
Well No. 2
Farm Danny Wriston
APT No 47 - 067 - 0595

WELL OPERATOR'S REPORT

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

NOV 1 - 1983

	wenty Mil	e Creek		
District: Jefferson County Nic	holas	Quadrangl	e Rent	200
			Benti	<u>ee</u>
COMPANY D. C. Malcolm, Inc.				
ADDRESS1006 Commerce Eq., Charleston, WV DESIGNATED AGENT D. C. Malcolm	Casing Tubing	Used in	Left	Cement fill up
ADDRESS1006 Commerce Sq., Charleston, WV	Size	Drilling	in Well	Cu. ft.
SURFACE OWNER Danny Wriston	20-16	20	20	. Surf
ADDRESS Box 18, Vaughn Rt., Belva, WV	Cond.			
MINERAL RIGHTS OWNER Danny Wriston	13-10"	258	258	125 SX
ADDRESS Box 1º, Vaughn R., Belva, WV	9 5/8			
OIL AND GAS INSPECTOR FOR THIS WORK Craig	8 5/8	-		
uckworth ADDRESS	7	1576		50SX
PERMIT ISSUED	5 1/2			
PRILLING COMMENCED 10-14-83	4 1/2	1858	1858	50 SX
RILLING COMPLETED 10-20-83	3		10.7	
F APPLICABLE: PLUCCING OF DRY HOLD ON	2	1753	1753	
ONTINUOUS PROGRESSION FROM DETLING OF	Liners			
EWORKING. VERBAL PERMISSION OBTAINED	used			
		1	1	
MICCICAL MADE		1		
EOLOGICAL TARGET FORMATION Injun Sand		Dept	h1740-17	60 feet
Depth of completed in 1999	Rotary X	Depti	h <u>1740-17</u>	60 feet
Depth of completed well 1878 feet Water strata depth: Fresh reportefeet:	Rotary X Salt repo	Dept _/ Cable rtedfeet	h <u>1740-17</u> T∞ls	60 feet
Donth of	Salt repo	_/ Cable rtedfeet	Tools	
Depth of completed well 1878 feet Water strata depth: Fresh reportefeet:	Salt repo	Dept _/ Cable rtedfeet peing mine	Tools	
Depth of completed well 1878 feet Water strata depth: Fresh reported Coal seam depths: none reported PEN FLOW DATA	Is coal h	_/ Cable rtedfeet ceing mine	Tools	area? <u>no</u>
Depth of completed well 1878 feet Water strata depth: Fresh reported Coal seam depths: none reported PEN FLOW DATA Producing formation Injun Sandstone	Is coal h	_/ Cable rtedfeet peing mined	Tools_	area? <u>no</u>
Depth of completed well 1878 feet Water strata depth: Fresh reportedeet; Coal seam depths: none reported PEN FLOW DATA Producing formation Injun Sandstone Gas: Initial open flow S/G Mcf/d	Is coal h	_/ Cable rtedfeet peing mined zone deptherial open f	Tools I in the	area? <u>no</u>
Depth of completed well 1878 feet Water strata depth: Fresh reportedeet; Coal seam depths: none reported PEN FLOW DATA Producing formation Injun Sandstone Gas: Initial open flow S/G Mcf/d Final open flow 350 Mcf/d	Is coal h Pay Oil: Init	_/ Cable rtedfeet peing mined zone deptherial open flo	Tools I in the	area? <u>no</u> feet
Depth of completed well 1878 feet Water strata depth: Fresh reportedeet; Coal seam depths: none reported PEN FLOW DATA Producing formation Injun Sandstone Gas: Initial open flow S/G Mcf/d Final open flow 350 Mcf/d Time of open flow between initial	Is coal h Pay Oil: Init Fina	_/ Cable rtedfeet peing mined zone depth ial open flo	Tools	area?_no feetBbl/dBbl/d
Depth of completed well 1878 feet Water strata depth: Fresh reported Coal seam depths: none reported PEN FLOW DATA Producing formation Injun Sandstone Gas: Initial open flow S/G Mcf/d Final open flow 350 Mcf/d Time of open flow between initial Static rock pressure 400 psig(surface)	Is coal h Pay Oil: Init Fina al and fin	_/ Cable rtedfeet peing mined zone depth ial open flo	Tools	area?_no feetBbl/dBbl/d
Depth of completed well 1878 feet Water strata depth: Fresh reportedeet; Coal seam depths: none reported PEN FLOW DATA Producing formation Injun Sandstone Gas: Initial open flow S/G Mcf/d Final open flow 350 Mcf/d Time of open flow between initial static rock pressure 400 psig(surface) (If applicable due to multiple completions)	Is coal h Pay Oil: Init Fina al and fin	_/ Cable rtedfeet peing mined zone depth ial open flo	Tools	area?_no feetBbl/dBbl/d
Depth of completed well 1878 feet Water strata depth: Fresh reportedeet; Coal seam depths: none reported PEN FLOW DATA Producing formation Injun Sandstone Gas: Initial open flow S/G Mcf/d Final open flow 350 Mcf/d Time of open flow between initistatic rock pressure 400 psig(surface) (If applicable due to multiple completion—Second producing formation	Is coal h Pay Oil: Init Fina al and fin	_/ Cable rtedfeet peing miner zone depth ial open flo al tests nt) after	Tools I in the 1740-60 Tow W 12 hours	area?no feet Bbl/d Bbl/d Sshut in
Depth of completed well 1878 feet Water strata depth: Fresh reportedeet; Coal seam depths: none reported PEN FLOW DATA Producing formation Injun Sandstone Gas: Initial open flow S/G Mcf/d Final open flow 350 Mcf/d Time of open flow between initial static rock pressure 400 psig(surface (If applicable due to multiple completion—Second producing formation Gas: Initial open flow Mcf/d	Salt_repo Is coal h Pay Oil: Init Fina al and fin	_/ Cable rtedfeet peing mined zone depth ial open floal tests_nt) after_zone depth	Tools I in the 1740-60 Tow No. 12 hours	area?no feet Bbl/d Bbl/d S shut in
Depth of completed well 1878 feet Water strata depth: Fresh reportedeet; Coal seam depths: none reported PEN FLOW DATA Producing formation Injun Sandstone Gas: Initial open flow S/G Mcf/d Final open flow 350 Mcf/d Time of open flow between initi Static rock pressure 400 psig(surface) (If applicable due to multiple completion— Second producing formation Gas: Initial open flow Mcf/d Final open flow Mcf/d Final open flow Mcf/d	Salt_repo Is coal h Pay Oil: Init Fina al and fin measurement Pay 2 Oil: Initi	zone depthial open floal tests zone depthial open floal tests zone depthial open floal tests zone depthial open floal tests	Tools I in the 1740-60 Tow November 12 hours	area?_no feet
Depth of completed well 1878 feet Water strata depth: Fresh reportedeet; Coal seam depths: none reported PEN FLOW DATA Producing formation Injun Sandstone Gas: Initial open flow S/G Mcf/d Final open flow 350 Mcf/d Time of open flow between initial static rock pressure 400 psig(surface) (If applicable due to multiple completion— Second producing formation Gas: Initial open flow Mcf/d Final open flow Mcf/d Time of open flow between initial open flow Mcf/d Time of open flow Mcf/d Time of open flow Mcf/d Time of open flow between initial open flow Mcf/d Time of open flow Mcf/d	Salt_repo Is coal h Pay Oil: Init Fina al and fin measurement Pay Oil: Initi The measurement Initiation of the pay Oil: Initiation of the pay Oil: Final	_/ Cable rtedfeet peing miner zone depth ial open flo al tests nt) after zone depth ial open flo open flow ial open flow	Tools I in the 1740-60 Tools I hours I hours	area?no feet Bbl/d Bbl/d s shut in 11/17/2023 Bbl/d Bbl/d
Depth of completed well 1878 feet Water strata depth: Fresh reportedeet; Coal seam depths: none reported PEN FLOW DATA Producing formation Injun Sandstone Gas: Initial open flow S/G Mcf/d Final open flow 350 Mcf/d Time of open flow between initial static rock pressure 400 psig(surface) (If applicable due to multiple completion—Second producing formation Gas: Initial open flow Mcf/d	Salt_repo Is coal h Pay Oil: Init Fina al and fin measurement Pay Oil: Initi The measurement Initiation of the pay Oil: Initiation of the pay Oil: Final	_/ Cable rtedfeet peing miner zone depth ial open flo al tests nt) after zone depth ial open flo open flow ial open flow	Tools I in the 1740-60 Tools I hours I hours	area?no feet Bbl/d Bbl/d s shut in 11/17/2023 Bbl/d Bbl/d

FORM IV-35 (REVERSE)

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

Perforated w/18 holes 1744-53

Fractrured w/500 gals 15% HCl, 3000 gals 28% HCl, 559 bbls water, 55000# 20/40 sand

WELL LOG

	W	ELL ING	
FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Sand & gravel Shale Sand Shale & Sand Sand Sand & Shale Sand Sand & Shale Lime Shale Sand (Keener) Sand (Injun) Shale	0 352 375 514 597 834 1092 1152 1508 1704 1710 1740 1760	352 375 514 597 834 1092 1152 1508 1704 1710 1740 1760 1876	S/G 1756 Total Depth

(Attach separate sheets as necessary)

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 encountered in the drilling of a well."

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
(KIND)

Permit No. 067-0595-REN.

Company D. C. MALCDLM, INC.	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKERS
Address CHARLESTON, WIVA.	Size	160		
FARM DANNY WRISTON	16	No. 10 (10 (10 (10 (10 (10 (10 (10 (10 (10		Kind of Packer
Well No.	13			
District JEFFERSON County NICHOLAS	81/4	98.2		Size of
Drilling commenced 10 13 83		1. 31.0	2137	Depth set
	5 3/16			
Orilling completedTotal depth	3			Perf. top
Date shotDepth of shot	2			Perf. botton
nitial open flow/10ths Water inInch	Liners Used			Perf. top
Open flow after tubing/10ths Merc. inInch				Perf. bottom
Cu. Ft.	CASING CEMEN	and a second	11	6 No. FT. 10/14 Dat
bbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	FEETINCHE
resh waterfeetfeet	FEET_	INCH	ES	FEETINCHE
alt waterfeetfeet	FEET_	INCH	ES	FEETINCHE
Orillers' Names CLINT HURT RIG 3	Boss	Y SHAF	FER	
emarks: RAN 247 'DF 103/4 CEME	NTED TO	SURFA	ACE WI	TH 1353KS

10 14 83

Craig Mush Total

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

OMBANN			ADDRESS			
			ADDRESS			
FARM			OUNTY			
Filling Material Used						<u>/</u>
iner Loc	ation	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
· · · · · · · · · · · · · · · · · · ·						
				34		
				-		
		Section 1				
	1.11677	Mark and Company of the Company of t				
Orillers' Names						
/riners Names						
Remarks:					· ·	

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

BATE



State of West Virginia

Department of Mines Oil and Gas Division Charleston 25305

FINAL INSPECTION REPORT INSPECTORS COMPLIANCE REPORT

RE	ECEIVED OCT 2 4 1984				
UL	OCT 2 4 1984				
011	8 CAC DIVICION				

OIL & GAS DIVISION
DEPT. OF MINES

COMPANY	D.C. MALCOLM, INC.	PERMIT NO 47	- 067- 0595	
1006	COMMERCE SQUARE	FARM & WELL NO	DANNY WRIS	TON - 2
CHAR	LESTON, W.V. 25301	DIST. & COUNTY	JEFFERSON/	NICHOLAS
		IN	COMPLIANCE	
RULE	DESCRIPTION	YE	S NO	
23.06	Notification Prior to Starting Work			
25.04	Prepared before Drilling to Prevent Was	ste		
25.03	High-Pressure Drilling			
16.01	Required Permits at Wellsite	74		
15.03	Adequate Fresh Water Casing			
15.02	Adequate Coal Casing			
15.01	Adequate Production Casing			
15.04	Adequate Cement Strenght			
15.05	Cement Type			
23.02	Maintained Access Roads			
25.01	Necessary Equipment to Prevent Waste			
23.04	Reclaimed Drilling Pits			
23.05	No Surface or Underground Pollution			
23.07	Requirements for Production & Gathering	g Pipelines		
16.01	Well Records on Site			
16.02	Well Records Filed			
7.05	Identification Markings			
I HAVE I	NSPECTED THE ABOVE CAPTIONED WELL AND RE	ECOMMEND THAT I	T BE RELEASED:	•
		SIGNED Crais	g Nuckwo	th
		DATE 10	16 84	
with Char	l record was received and reclamation repter 22, Article 4, Section 2, the above for the life of the well.			lance
		Administrator-	Oil & Gas Divisi	.on
		Janu	pary 9, 1985	
		DAT	E	

