FILE COPY

1)	Date:	August 26	, 19 83
	Operato Well No		CRM IV-2(B)

053 - 0310 47 3) API Well No.

State County Permit

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

4) WELL TYPE: A Oil	A WELLTY	DE. A O	<b>.1</b>	19// 60	c Y	T OY VI	AA EB SHOU	MIN COMPLE	A PROTECTIONS	NA TIMOTO
Solution   District   Clendenin   County   Mason   Quadrangle   Apple Grove   Output   Mason   Quadrangle   Apple Grove   Output   Mason   Quadrangle   Apple Grove   Address   P. O. Drawer 40   Address   P. O. Drawer 40   Ruckhamnon, W 26201   Ruckhamnon, W 2620	4) WELLII									
District: Clendenin County: Mason Quadrangle: Apple Grove (5) Well OPERATOR Union Drilling, Inc. Address P. O. Drawer 40 Buckhannon, W 26201  8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Kenneth Butcher 736-4885  Address RFD #1 Barboursville, WV 25504 Buckhannon, WV 26201  (10) PROPOSED WELL WORK: Drill X Drill Geopher Perforate more many to the physical change in web Bretief As Division District of mainon Drilling, Inc. Address RFD #1 State of March 100 Buckhannon, WV 26201  (11) GEOLOGICAL TARGET FORMATION, Department of the physical change in web Bretief As Division Driving Proposition Driving Driving Proposition Driving	5) LOCATIO			707						_/ Shallow/)
Mell Operator Minion Drilling, Inc.  Address P. O. Drawer 40 Buckhannon, W 26201  Buckhannon,	3) LOCATIO		STATE OF THE PARTY	Control of the Contro		THE RESERVE OF THE PARTY OF THE				Apple Crosse
Buckhamon, W 26201  Some Kenneth Butcher 736-4885  Address RFD #1  Barboursville, W 25504  Barboursville, W 25504  Barboursville, W 25504  Barboursville, W 26201  Buckhamon,	6 WELLOD	The state of the s								
Buckhannon, W 26201  8) OIL & GAS INSPECTOR TO BE NOTIFIED  Name Kenneth Butcher 736-4885  Name Kenneth Butcher 736-4885  Barboursville, W 25564  Barboursville, W 25564  Other physical change in web Ropecifoas Division  Other physical change in web Ropecifoas Division  Other physical change in web Ropecifoas Division  GEOLOGICAL TARGET FORMATION, Depoint and Final Peet MINES  13) Approximate trata depths of completed well, 3500  13) Approximate trata depths: Fresh, ? feet; salt, ? feet.  14) Approximate trata depths: Propecifoas Division  Conductor 9 5/8 36# X 3500 300 to SUITFACE Kinds  TUBING TYPE  Size Grade Wells New Used For drilling Left in well Conductor 9 5/8 36# X 300 300 to SUITFACE Kinds  Total Peet Suite Grade Peet New Used For drilling Left in well Conductor 9 10 5/8 36# X 3500 3500 \$350 \$						THC.				
8) OIL & GAS INSPECTOR TO BE NOTIFIED Name kemmeth Butcher 736-4885  Address RFD #1  Barboursville, W 25564  Barboursville, W 25564  PROPOSED WELL WORK: Drill X Drill deeper 2 9 198 Redrill Suckhannon, W 26201  PROPOSED WELL WORK: Drill X Drill deeper 2 9 198 Redrill Suckhannon, W 26201  OPEN PROPOSED WELL WORK: Drill X Drill Deeper 2 9 198 Redrill Suckhannon, W 26201  OPEN Plug off old formation Perforate new formation Other physical change in web (Breet/GAS DIVISION  12) Estimated depth of completed well, 35500  13) Approximate trata depths: Fresh, P feet; salt, P feet.  14) Approximate coal seam depths: P Is coal being mined in the area? Yes No X  CASING AND TUBING PROGRAM  CASING OR  TOOTAGE INTERVALS  COMMAND TUBING PROGRAM  CASING OR  TOOTAGE INTERVALS  COMMAND TUBING PROGRAM  CASING OR  TOOTAGE INTERVALS  COMMAND TUBING PROGRAM  CASING OR  TOOTAGE INTERVALS  COM SACKS (Cashe feet)  Commanded Profit in well  COM SACKS (Cashe feet)  TOOTAGE INTERVALS  COM SACKS (Cashe feet)  Commanded Profit in well  COM SACKS (Cashe feet)  Sizes  TOOTAGE INTERVALS  TOOTAGE INTERVALS  COM SACKS (Cashe feet)  Sizes  TOOTAGE INTERVALS  COM SACKS (Cashe feet)  TOOTAGE INTERVALS  COM SACKS (Cashe feet)  Sizes  TOOTAGE INTERVALS  TOOTAGE INTERVALS  COM SACKS (Cashe feet)  TOOTAGE INTERVALS  COM SACKS (Cashe feet)  PACKERS  TOOTAGE INTERVALS  OR SACKS (Cashe feet)  TOOTAGE INTERVALS  COM SACKS (Cashe feet)  TOOTAGE INTERVALS	Address		The second secon			26201		Address		
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Barboursville, WV 25504    PROPOSED WELL WORK: Drill X   Drill deeper   198 Redrill   Stimulate X		DI	The same of the sa	1 /30	400.	10/0	Carrier Contract Cont		0,	
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13) Approximate depth of completed well, 3500 Test 141 Approximate depth of completed well, 3500 Test 141 Approximate trata depths: Presh, Pre				Plug of	f old f	ormation			1/	
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14) Approximate coal seam depths:    Second Design mined in the area? Yes					A 100 M	500	feet			
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resh water   Sizes   Sizes      Sizes   Sizes	TUBING TYPE	Size	Grade		New	Used	For drilling	Left in well		Part Salet of
OFFICE USE ONLY  DRILLING PERMIT  At 27-053-0309  OFFICE USE ONLY  Date  Date  Date  District old and Gas Inspector 24 hours before actual permitted work. In addition, the well operator or his contractor shall notify the prestrict oil and gas inspector 24 hours before actual permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on verse hereof.  September 26, 1985  unless well work is commenced prior to that date and prosecuted with the dilige.	onductor	9 5/8		36#	X		300	300	to surface	Kinds
OFFICE USE ONLY DRILLING PERMIT  Top Bottom  At 7-053-0309  September 26, 1985  Date  Different subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, (Refe on 8). Prior to the construction of roads, locations and pils for any permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on verse hereof.  September 26, 1985  unless well work is commenced prior to that date and prosecuted with due diligerent and prosecuted with due diligerent work is commenced prior to that date and prosecuted with due diligerent and september 26, 1985  unless well work is commenced prior to that date and prosecuted with due diligerent and september 26, 1985  unless well work is commenced prior to that date and prosecuted with due diligerent and september 26, 1985  unless well work is commenced prior to that date and prosecuted with due diligerent and september 26, 1985	resh water			200						
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serrit expires September 26, 1985 unless well work is commenced prior to that date and prosecuted with due diliger	strict oil and ga	as inspector	r 24 hours	s before ac	tual per	mitted work	has commenced.)			Danista Distant
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Administrator, Office of Oil and Gas								Adm	inistrator, Office of O	il and Gas
OTE: Keep one copy of this permit posted at the drilling location.	OTE: Keep or	ne copy of	this perm	it posted a	t the dr	illing locatio	n.			
See the reverse side of the APPLICANT'S COPY for instructions to the well operator.  08/25/2023	102		San	the reverse	side of	the ADDI 14	CANT'S CODY S	ne instructions to	the well ext	08/25/2023

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

Reason:

State





OFFICE USE ONLY

PERMIT MODIFICATION	S AND CONDITIONS	(IF ANY)	TO THI	<b>E PROPOSED</b>	WELL	WORK
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This part of Form IV-20	(b) is to record the	dates of certain	n occurrences	and an	v follov	v-up insp	ections		
		Date						Date	(2)
							-	Dure	3)
Application received			Follow-ı	in inch	ection(s	1			
Application received			PICE DSE O	ip msp	cenonia	)			
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OTHER INSPECTION	S								
				a l	Caring	Sermi	9	Agent	Bond
Reason:			ASS C		MAN	1			1

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

VOTE: Keep one copy of this petnit posted at the drilling location.

FILE COPY

### COAL OWNER'S COPY



1)	Date: Au	gust 26		19 83
2)	Operator's Well No.	1 - 1917	Part Galley	14.02
3)	API Well No.	47		
-,		State	County	Dermit

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

4) WELL TYP			/ Gas			Underground sto	rage	/ Deen	_/ Shallow/)
5) LOCATION			797				latfoot Cre		
3) LOCATION			Clender				317		Annle Grove
6) WELL OPI			The state of the s	STATE OF THE PARTY	hc.			AGENT Joseph	
Address			Draves				Address		Drawer 40
		Buckh	annon.	WV 2	6201			Buckhar	mon, WV 26201
8) OIL & GAS	S INSPECT	TOR TO I	BE NOTIF	IED		9)	DRILLING CO		
Name Kee	nneth I	hitche	r 736	-4885			Name <u>Unio</u>	n Drilling,	
Address	RI	FD #1	Set.				Address	P. O. Drawer	AND THE RESIDENCE OF THE PROPERTY OF THE PARTY OF THE PAR
	Be	rbour	sville	WV	25504			Buckhannon, 1	W 26201
10) PROPOSE	D WELL V	WORK:	Drill	x /	Drill	deeper	_/ Redrill	/ Stimulate	x/
			Plug off	old form	nation	/ Perforate	e new formation_		
			Other ph	ysical cha	ange in we	ell (specify)			
11) GEOLOGI	CAL TAR	GET FOR	MATION,		Devoni	an Shale			
12) Estima	ted depth o	of complet	ed well, _	350	0	feet			
13) Appro	ximate trat	a depths:	Fresh,	The second secon			?		
14) Appro	ximate coal	seam dep	ths:	?!		Is coal	being mined in the	area? Yes	/ No/
15) CASING A	ND TUBI	NG PRO	GRAM						
CASING OR	1	SPEC	CIFICATIONS		1	FOOTAGE INT	ERVALS	CEMENT FILL-UP OR SACKS	PACKERS
TUBING TYPE	Size	Grade	Weight per ft.	New L	Jsed	For drilling	Left in well	(Cubic feet)	
Conductor	9 5/8		36#	х		300	300	to surface	Kinds
Fresh water									
Coal									Sizes
Intermediate	7		20#	x		2250	2250	400 sks.	
Production	4 1/2		110.5#	х			3500	350 sks.	Depths set
Tubing									De Constitución de la constituci
Liners									Perforations:  Top Bottom
									Top Bottom
		1 1 1 1			- 1			1	
			INS	TRUCTIO	ONS TO	COAL OPERATO	R, OWNER, OR	LESSEE	
	The	named co	al operator	coal owr	ner(s), and	coal lessee are he	reby notified that a	any objection they wis	sh to make or
	are requir	ed to mak	e by Code	§22-4-3 m	ust be file	d with the Departr	nent of Mines with	in fifteen (15) days af	ter the receipt
			by the De						
						d by decreal and	rator and by any	coal owner or coal les	See
		The followho has	owing waiv	declaration	on under C	Code \$22-4-20, if t	he permit is to be	coal owner or coal lessissued within fifteen (	15)
			the filing o			3			
						WAIVER	<b>3</b>		
The undersign	ned coal op	erator _			owner _		_/ lessee	of the c	coal under this well location has
inad this m	ropored we	Il location	n. If a mine	map exis	ts which co	overs the area of the	he well location, th	e well location has be	en added to the mine map. The
undersigned has	s no objecti	ion to the	work prop	osed to be	done at the	his location, provi	ded, the well opera	nor has complied with	all applicable requirements of
the West Virgin	na Code ar	id the gov	erning regi	mations.					
4	11		Jud-	1	000	200			1 17
0					00%	180	The same	-//	1 the
Date:			,	19		В	у	1-1-1	The state of the s
						It	S		
									08/25/2023

### SURFACE OWNER'S COPY



1)	Date: Augu	ist 26	, 19_83
2)	Operator's Well No1	- 1917	
3)	API Well No.	47	

County

Permit

State

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

4)	WELL TY									
				Production	n	<u>x</u> _/	Underground st		/ Deep	/ Shallow/)
5)	LOCATIO		vation:	19/	35			latfoot Cre		Access Course
			trict:	<u>lender</u>		TÃO	County: Maso		Quadrangle: _	
6)	WELL OP		DILLON			Inc.	7		AGENT Joseph	
	Address		Buckha	Drawer	BRI	26201		Address	P. U.	Drawer 40
0)	011 0 04	C INICIDEO			WY	20201			Buckha	mion, wy 20201
8)	OIL & GA				4885		9	Name Unio	ONTRACTOR:	Inc.
	Address	57.57	n #1	1 390	7000				P. O. Drawer	The state of the s
	Address	A STATE OF THE PARTY AND ADDRESS.	rbours	wille	WV	25504		Address	Buckhannon.	WV 26201
					~		<del></del>			
10)	PROPOSE	D WELL	WORK:		X 11	_/ Drill	deeper	_/ Redrill	/ Stimulate	<u>X</u>
								e new formation		
	GEO! 66!		CET FOR			change in w	ell (specify)			
	GEOLOGI				, <u>T</u>	DEADITI				
	12) Estima				2	00	feet	0		
	13) Appro				9		feet; salt,_	1. 1 1 1 1	feet.	
	14) Appro						Is coal	being mined in the	e area? Yes	/ No/
	CASING A	II I I UBI					POOTAGE IN	TOWAY O	N	11
	SING OR BING TYPE			UFICATIONS Weight			FOOTAGE IN		OR SACKS	PACKERS
		Size	Grade	per ft.	New	Used	For drilling	Left in well	(Cubic feet)	
Cond	uctor	9 5/8		36#	X		300	300	to surface	Kinds
Fresh	water									
Coal		19		208			2050	0000	100 1	Sizes
Interr	nediate	1 2 /0		20#	X		2250	2250	400 sks.	
	uction	4 1/4		10.5#	X			3500	350 sks.	Depths set
Tubin	TO SHARE THE PARTY OF						14			
Liner	S									Perforations:
										Top Bottom
The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.  VOLUNTARY STATEMENT OF NO OBJECTION										
	I hereby stat	e that I hav	e read the	instructio	ne to c	irface owner	on the reverse sid	le of this Applicati	on for a Wall Work I	Permit, and that I have received
copie on F	es of (1) a No orm IV-6, a	otice of App nd (4) a Co	olication f	or a Well on and Rec	Work Plamatio	ermit on For	m IV-2(A), (2) an orm IV-9, all for p	Application for a voroposed well wor	Well Work Permit on k on my surface land	Form IV-2(B), (3) a survey plat I as described therein. mit being issued based on those
(For	execution b	y corporati	on, partne	ership, etc	.)		(For e	xecution by natura	al persons)	
NAM	1E:									Date:
,	<sup>6</sup> Ву			2		2013	10	(5	Signature)	. 1

Date\_

(Signature)

# INSTRUCTIONS TO SURFACE OWNERS AND EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT ON OIL AND GAS WELL WORK PERMIT

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas West Virginia Department of Mines 1615 Washington Street East Charleston, West Virginia 25311 (304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have FIFTEEN (15) DAYS after the filing date to file your comments as provided in Methods for Filing Comments below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- "(1) The proposed well work will constitute a hazard to the safety of persons; or
- "(2) The plan for soil erosion and sediment control is not adequate or effective; or
- "(3) Damage would occur to publicly owned lands or resources; or
- "(4) The proposed well work fails to protect fresh water sources or supplies."

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

IV-9 (Rev 8-81)



DATE August 24, 1983

WELL NO. 1917

State of Mest Virginia

API NO. 47 - 053 - 0310-REV.

Bepartment of Mines Gil und Gas Zivision

# CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Union Drilling, Inc.	DESIGNATED AGENT Joseph C. Vanzant, Jr.
Address P O Drawer 40. Buckhannon W V 2620	
Telephone (304) 472-4610	Telephone (304) 472-4610
LANDOWNER Kenneth Lorgin Price, et ux	SOIL ONS. DISTRICT Western
Revegetation to be carried out by Union Dr	cilling Inc. Joseph C. Pettey Vp (Agent)
This plan has been reviewed by Man	
and additions become a part of this plan:	
4	Date
	(SOD Agent)
ACCESS ROAD	LOCATION DECENTED
Structure 18" CMP culvert w/rip rap (A)	Structure Drill Pit
Spacing at County Road	Material Earth OCT 2 0 1983
Page Ref. Manual 1:8	Page Ref. Manual OII & GAS DIVISION
Structure Ditch relief cross drains (B)	Structure DEPT. OF MINES
Spacing 125'	Material
Page Ref. Marmal 1:6	Page Ref. Manual
Structure Roadway ditch (C)	Structure / USS 2 3022 (3)
Spacing As needed	Material
Page Ref. Manual	Page Ref. Marba FFT ST WINES
All structures should be inspected regular commercial timber is to be cut and stacked a cut and removed from the site before dirt wo	nd all brush and small timber to be
A Constitution of the second	
REVECEPAT	TON .
Treatment Area I	Treatment Area II
or correct to pH 6.5	Lime 3 Tons/acre or correct to pH 6.5
Fertilizer 600 lbs/acre	Fertilizer 600 lbs/acre
(10-20-20 or equivalent)	(10-20-20 or equivalent).
Mulch Hay or straw 2 Tons/acre	Mulch Hay or straw 2 Tons/acre
Red clover 4 15-4	Seed* Orchard grass 30 lbs/acre Red clover 4
Lodino clover 2 lbs/acre	I adino clover 2
*Inoculate all legumes such as vetch, trefoi Inoculate with 3X recommended amount.	
and an analysis and another.	
	REFARED BY Ronald L. Eastham & 08/25/2023
cooperation to protect how	ATTRESS P.O. Box 1544
seedling for one growing season. Attach separate sheets as	Huntington, WV 25716
	FHCNE NO. 304/525-3171

(REV 8-81) P10

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.

QUADRANGLE Apple Grove, W

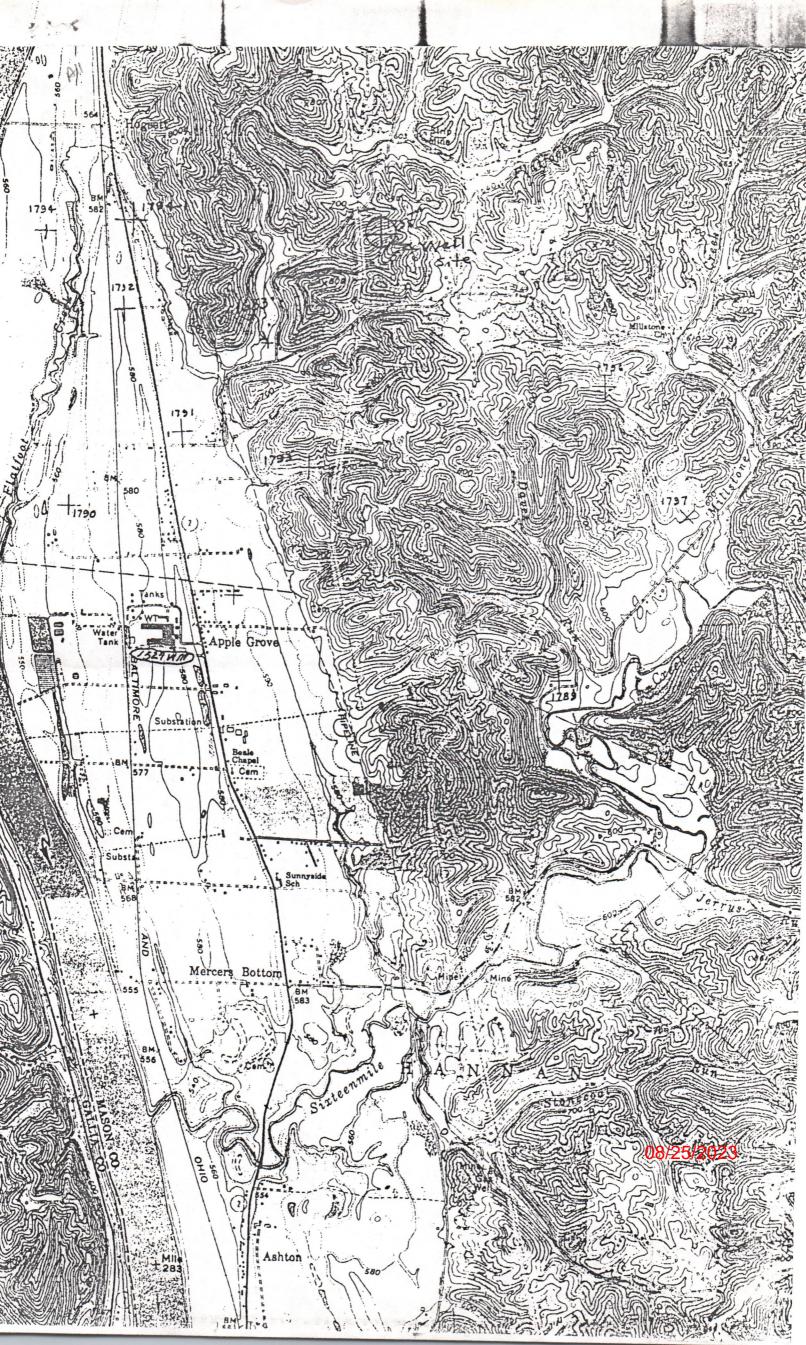
Well Site Access Road ——

## WELL SITE PLAN

ketch to include well location, existing access road, roads to be constructed, wellsite irilling pits and necessary structures numbered or lettered to correspond with the fire part of this plan. Include all natural drainage.

LEGEND	
Property boundary	Diversion 41111111111
Road = = = =	Spring O
Existing fence — X — X —	Wet spot
Planned fence / / /	Building
Stream \	Drain pipe O O
Open ditch>>	Waterway

Well Site Was as was



- Copy

IV-9 (Rev 8-81)



DATE	August	24,	1983
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WELL NO. 1917
API NO. 47 - 053 - 0310

# State of Mest Airginia

Bepartment of Mines Gil und Gas Bivision

# CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Union Drilling, Inc.	DESIGNATED AGENT Joseph C. Vanzant, Jr.		
Address P O Drawer 40, Buckhannon W V 26201	Address p O Drawer 40, Buckhannon W V 2620		
Telephone (304) 472-4610	Telephone (304) 472-4610		
LANDOWNER Kenneth Lorain Price, et ux	SOIL CONS. DISTRICT Western		
Revegetation to be carried out by Union Dri	lling Inc. Joseph C. Pettey Vp (Agent)		
This plan has been reviewed by Men	tern SD. All corrections		
and additions become a part of this plan: Q			
	(Date)		
and the second second	she layburn		
	(SCD Agent)		
ACCESS ROAD	LOCATION		
Structure 18" CMP culvert w/rip rap (A)	Structure Drill Pit (1)		
Spacing at County Road	Material Earth		
Page Ref. Manual 1:8	Page Ref. Manual_		
Structure Ditch relief cross drains (B)	Structure (2)		
Spacing 125'	Material Date Control		
Page Ref. Manual 1:6	Page Ref. Mamuai 15 GBUVISIN		
Structure Roadway ditch (C)	Structure AUG 2 9 1992 (3)		
Spacing As needed	Material		
Page Ref. Manual	Page Ref. Manua EPT OF MINES		
All structures should be inspected regular commercial timber is to be cut and stacked as cut and removed from the site before dirt work REVERSTAT.	ly and repaired if necessary. All nd all brush and small timber to be ** rk begins.		
Treatment Area I	Treatment Area II		
or correct to pH 6.5	Lime 3 Tons/acre or correct to pH 6.5		
Fertilizer 600 lbs/acre	Fertilizer 600 lbs/acre		
(10-20-20 or equivalent)	(10-20-20 or equivalent)		
Mulch Hay or straw 2 Tons/acre	Mulch Hay or straw 2 Tans/acre		
Seed* Orchard grass 30 lbs/acre Red clover 4 lbs/acre	Seed* Orchard grass 30 lbs/acre Red clover 4 lbs/acre		
	Lodina alauar 2		
Ladino clover 2 lbs/acre	Ladino clover 2 lbs/acre		
*Inoculate all legumes such as vetch, trefoi Inoculate with 3X recommended amount.	Sonald Least		
FIAN F	REFFARED BY Ronald L. Eastham & Associates 08/25/2023		
NOTES: Please remuet lawformer:	ADDRESS P.O. Box 1544		
seedling for one growing season.	Huntington, WV 25716		
Attach separate sheets as	PHONE NO. 304/525-3171		
	The state of the s		

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.

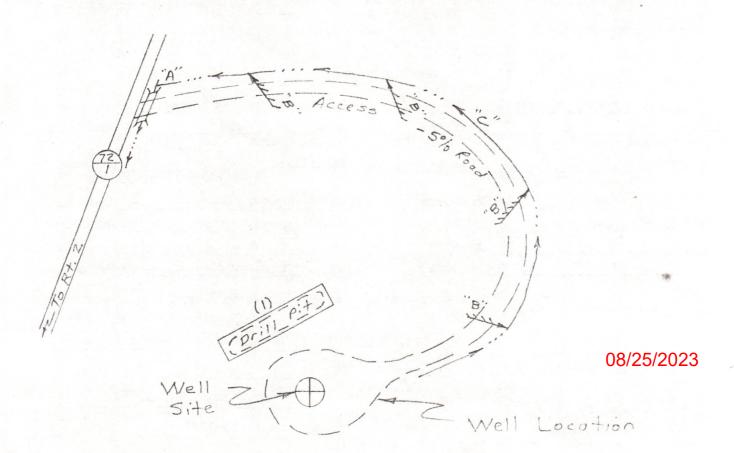
QUADRANGLE Apple Grove, W

Well Site Access Road —

## WELL SITE PLAN

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.

LEGEND	
Property boundary	Diversion
Road = = = = =	Spring ○→
Existing fence — X — X —	Wet spot
Planned fence —/—/—	Building 2
Stream \\	Drain pipe 0
Open ditch>>	Waterway





REAL COOP COOP TO THE COOP OF THE PARTY OF T

08/25/2023

1) Date: \_\_\_August 26 ,1983

2) Operator's

1 - 1917 Well No.

3) API Well No. 47

State County Permit

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

(i) Name Kenneth L. Address Gallipo  (ii) Name	
Address	Garriports Ferry, WV 25515
iii) NameAddress	SENDER: Complete items 1, 2, 3, and 4.  Add your address in the "RETURN TO"  space on reverse.
TO THE P.	(CONSULT POSTMASTER FOR FEES)  1. The following service is requested (check one).    Show to whom and date delivered
(2) (3)	TOTAL \$ or other work, posed casing and and l work is only to trol and for  4. TYPE OF SERVICE:  ARTICLE ADDRESSED TO:  ARTICLE NUMBER  OF other work, posed casing and and l work is only to trol and for
THE WHICH ARE (FORM IV- ACTION AT Take erator pr for a Wel	4. TYPE OF SERVICE:  REGISTERED INSURED P 311 719 274  EXPRESS MAIL  (Always obtain signature of addressee or agent)  I have received the article described above.  ARTICLE NUMBER  ING THE APPLICATION  OF THE APPLICATION  TO TAKE ANY  signed well op- anying documents  West Virginia
Departmer and depic Construct by hand t before th	SIGNATURE Addressee Authorized agent tached Application tached Application the plat, and the ed mail or delivered ances) on or
Check Inc Inc The	6. ADDRESSEE'S ADDRESS (Only if requested)  AUG 2 9 1983  AUG 2 9 1983  Tor specifics.) Oil & GAS DU
Is the or other for control to the	illar provision prently related No XX
	the reverse side for line item instructions, and for instructions concerning

Notary Public, Upshur County COMMISSIONED AS State of West Virginia SHARON L. KELLEY

19 83

, 19 89

in my County and State by this 26 thay of August

My commission expires May 22

08/25/2023

Address P. O. Drawer 40

Telephone (304) 472-4610

Buckhannon, WV 26201

# INSTRUCTIONS TO APPLICANT

### CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
  - 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-lb(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
  - 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
  - 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
  - 7) See Code § § 22-4-11(d, e).

# CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-lk and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-lk(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

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

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

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

Grantor, lessor, etc. Grantee, lessee, etc.	Royalty	Book	Page
Kenneth L. & Gladys G. Price Cyclops Corp.	1/8th	45	322
Cyclops Corp. Union Drilling,	Inc.	49	507

# AFFIDAVIT OF PERSONAL SERVICE ON SURFACE OWNER

	STATE OF $\underline{W}$ COUNTY OF $\underline{\underline{N}}$	West Virginia sandason :
	true and co (1) ! (2) 7 (3) 1 (4) 3	Indersigned, being first duly sworn, says that the undersigned served a complete copy of all sides of—  Notice on Form $IV-2(A)X$ / Form $IV-3(A)$ / Form $IV-4(A)$ / Application on Form $IV-2(B)$ X / Form $IV-3(B)$ / Form $IV-4(B)$ / Plat showing the well location on Form $IV-6$ , and Construction and Reclamation Plan on Form $IV-9$ (unless the application is to plug a well) respect to operator's Well No.1 -1917 located in
	Clenc	lenin District, Mason County, West Virginia, erson or organization named
	Dale	Nibert and/or Nancy Nibert
	by delive on the $18t$	County, State of West Virginia the manner specified below.
		[COMPLETE THE APPROPRIATE SECTION]
	For an indi	ividual:  Handing it to him X / her / or, because he / she / refused to take it when I offered it, by leaving it in his / her / presence.
	[ ]	Handing it to a member of his or her family above the age of 16 years named who resides at the usual place of abode of the person to be served, and asking the family member to give it to the person to be served as soon as possible.
	For a partr	hership: Handing it to
		ted partnership: Handing it to the general partner, named because the general partner refused to take it when I tried to hand it over, by leaving it in the presence of the general partner.
	CERVY	Handing it to the corporation's employee // officer / director / attorney in fact / named
22	OCT 2 0 1983	(Signature of person executing service)
_	L & GAS DIVISION	NC
ULF	Taken,	subscribed and sworn before me this 18th day of October , 1983.
an	and the contraction	mission expires February 22, 1992
וווווווו	SCOLYUN.	Notary Public
=	ALEIN CEVI	IE-NOTADIZED IE OUTSIDE THE STATE



Date:	October	17	, 19 83
			1 1/

2) Operator's Well No. 1 - 1917

1)

Well No. 47 - 053 - 0310 - Rev
State County Permit

To revise application from shallow well to deep well

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

### APPLICATION FOR A WELL WORK PERMIT

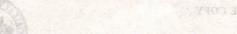
			4				LL WURK PERMI		
4) WELL TY	PE: A O				10/(1)			SHOLLYONS	
f) 1001710	B (1	f "Gas",	Production 797.35			Underground	Flatfoot Cre	/ DeepX	/ Shallow/)
5) LOCATIO			Clende				Mason	Ouadrangle:	Apple Grove
6) WELLOP	ERATOR_				Inc.	County.		DAGENT Josepl	
Address	D		awer 4				Address	P. O. Drawe:	
Address			on, W		6201		Address	Buckhannon,	
8) OIL & GA		State Inches		Marie Marie			9) DRILLING C	ONTRACTOR:	ALL MARKS THE STREET OF THE
Name			abock					on Drilling,	Inc.
Address	Route	e 1, B	30x 101	L-A			Address	P. O. Drawe:	
	Riple	ey, WV	252	271				Buckhannon,	WV _36201_0005
10) PROPOSE	D WELL V	WORK:	Drill	X	_/ Drill	deeper	/ Redrill	/ Stimulate	XIII F GELW
			Plug of	ff old	formation		rate new formation		
			Other p	hysical	change in we	ell (specify)			
II) GEOLOGI	CAL TAR	GET FOR	MATION	, _C	linton				OCT 2 0 1983
12) Estima					,000	feet	1		
13) Appro	ximate trata	a depths:	Fresh, _		?	feet; sal	t,?	feet.	
14) Appro	ximate coal	seam dep	oths:		?	Is co	oal being mined in th	e area? Yes	OHO& GAS DIVISI
15) CASING A	AND TUBI	NG PRO	GRAM						DEPT. OF MI
CASING OR		SPEC	CIFICATION	S	1	FOOTAGE	INTERVALS	CEMENT FILL-UP	PACKERS
TUBING TYPE	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well	OR SACKS (Cubic feet)	
Conductor	11-3/4	1	36#	X		700	700	to surface	Kinds
Fresh water									
Coal									Sizes
ntermediate	8-5/	3	20#	X		2000	2000	350 sks.	
Production	4-1/	2	110.5#	X		5000	5000	500 sks.	Depths set
Γubing					Y	THO BRU B	DIFFO STEEL		
Liners									Perforations:
		286/129	escri del-	uolla	year bus	esonsarjusso.	dates of certain	s if human of side	Top Bottom
<del>(a</del>	binti						etaC	1	
				(a) requi	OF	FICE USE	ONLV		— The research tealigns
						RILLING PH			
					DI	deemo 11			
ermit number_	47-	053-03	310-Rev	J				0c	tober 27, 19 83
								Da	Completion of the drill at
									nce with the pertinent legal re-
									l and Gas Inspector, (Refer to ntractor shall notify the proper
istrict oil and g									
he permitted w	ork is as de	scribed in	the Notic	e and A	application, p	olat, and reclam	nation plan, subject t	o any modifications a	and conditions specified on the
everse hereof.									r palantinos, combusidos
ermit expires _			October	r 21,	1985	unless wel	ll work is commenced	prior to that date and	prosecuted with due diligence.
									<b>OTHER INSPECTIONS</b>
Bond:	Agent		Plat:	Casir	ng Fe	e			
EL RAM		2	00	0	/			- 1	Regions &
200 C 100	XI	1 12	1	10	NE		1	11-1	
								1 /	
							/	1 - 1	24.3407.5271

OTHER INSPECTIONS

Reason:

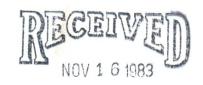
Reason:





		OFF	ICE USE ONL	Y		100	
	DDIFICATIONS		/ Underground sh	Y) ТО ТН		ED WELL	
			Watershed:		38.70		LOCATION:
A CANADA O CANADA	Ouadrangle:	DESIGNATED	County:			Districts and	WELL OPERATO
00.2		Adaress					Address
		DRHLLING CC			e notified	PCTOR TO B	OIL & GAS INSI
W/Natalana							PROPOSED WB
		e new formation.	Perforal				
40							
1983							CEOLOGICALT
							<ol> <li>Estimated det</li> <li>Approximate</li> </ol>
OE & GAS DIVISI							(4) Approximate
DEPT. OF MI							CASING AND T
PACKERS	TEATENT FILLOF OR SACKS (Cible-1ed)	ally (201)	FOOTAGE IN	Dec	t Missi	SPECT	INC TYPE
							2 1 5 1 <sub>21</sub> 1000
							reigw
	202 000						
Diputu seu	212 14.5	OFFI	CE USE ONLY	7			noh:
Portorations:		OTT	CE CSE CIVET				
This part of Form IV-2(1	o) is to record the	e dates of certa	in occurrences	and any fo	llow-up ins	pections.	
		Date					Date(s)
Application received			Follow-u	ip inspection	on(s)		
Well work started		MIT		ď "		20 -c 20-10	
Completion of the drillin	t in drill in accordan				and well loos	e well operator	n minotal
				na vet elig 5,	ls, locations a	lenction of rasi	Prior of the con-
Reclamation completed			plat, and rectament	nollesilgq4,		s described in	cunitted work is a

## **DEPARTMENT OF MINES** OIL AND GAS WELLS DIVISION



# INSPECTOR'S WELL REPORT DEPT. OF MINES

OIL & GAS DIVISION

Permit No. 053 0310			Oil or Gas Well			
Company Union	CASING AN TUBING	D USED IN DRILLING	LEFT IN	PACKE	ERS	
Address	Size					
Farm Prive	16		24.4.2	Kind of Pack	er	
Well No. 1917	13	(3)		Size of	0.00	
DistrictCounty_/	2450 N 81/4			Double and	3	
Drilling commenced 11 983	Rak		3	Depth set		
Drilling completedTotal dept	The second secon			Perf. top		
Date shotDepth of shot.				Perf. bottom		
Initial open flow/10ths Water	er inInch Liners Used			Perf. botton		
Open flow after tubing/10ths Merc						
Volume		EMENTED		No. FT	Date	
Rock pressurelbs	hrs.			FEET	INCHES	
Oilbi	and the second s	S ENCOUNTERE				
Fresh waterfeet	COURT OF THE SECOND STATE OF THE SECOND SECO	EETIN				
Salt waterfeet	feetF	EETIN	CHES	FEET	INCHE	
					37	
Drillers' Names					•	
Remarks: Orillinb 1	ally "Holet 3	74'				

### STATE OF WEST VIRGINIA

### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

# INSPECTOR'S PLUGGING REPORT

Permit No					II No	-
COMPANY			ADDRESS	and the second		
Filling Material Used					and property and property to a	
iner Loc	ention	Amount	Packer			
PLUGS USED A	ND DEPTH PLACED		BRIDGES	Location		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		G AND TU	BING
				RECOVERED	SIZE	Los
£ *						
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			The second second second second			5 = 1 × - 2-
	N AND THE RESERVE OF THE SECOND		* * *			
	A STATE OF			100		
				Est		S. S.
ers' Names		£				
drawle a salar and ago,					Santa Horas	a serie compre
arks:						a menter compen
			E To the Control of t			

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

### STATE OF WEST VIRGINIA

# DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



OIL & GAS DIVISION

# INSPECTOR'S WELL REPORTDEPT. OF MINES

Permit No. <u>0530</u>	<u>3/0</u>			Oil or	Gas Well	
Company Union		CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKI	ERS
Address		Size				
arm prill	area a la company de la compan	16			Kind of Pack	:er
/ell No	<b>洋</b> /	10			Size of	y was
istrict	County_MASO			A	Deller	
rilling commenced		5 3/16			Depth set	
rilling completed	Total depth				Perf. top	
ate shot	Depth of shot	2			Perf. bottom	
nitial open flow	/10ths Water in	Inch   Liners Used			Perf. top Perf. bottom	
pen flow after tubing_	/10ths Merc. in	_Inch				
olume		Cu. Ft. CASING CEM	ENTED	SIZE	No. FT	Date
lock pressure	lbs	hrs. NAME OF SE	ERVICE COMPA	ANY		
)il	bbls., 1st	24 hrs. COAL WAS E	NCOUNTEREL	) AT	_FEET	INCHES
resh water	feet	feetFEE	TINC	HES	_FEET	INCHES
Salt water	feet	feet  FEE	TINC	HES	_FEET	INCHES
Orillers' Names						
Remarks:	RAN 969' 95/8	csq Cenn	Dowell	2 3155	Ys neat	wil 39
111383	RAN 2169' 7	"CSg Coment.	Dowell	5051	(5 ment	mil 3%
110483	silley at 2300'					
///-						- 00

### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

# INSPECTOR'S PLUGGING REPORT

COMPANY			ADDRESS			
FARM		DISTRICT_	Commence of the commence of th	COUNTY		
Filling Material Used						
Liner Lo	cation	Amount	Packer	Location		
PLUGS USED A	ND DEPTH PLACED		BRIDGES		G AND TU	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	Los
			- Wasses			
			A's l			
	,					
					-	
illers' Names				The state of the s		
marks:				the state of the s	and the state of t	-

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

. .

### STATE OF WEST VIRGINIA

# DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



# INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 0530310		Oil or Gas Well					
Company Union Dielly		CASING AND TUBING	USED IN DRILLING	LEFT IN	PAC	KERS	
Address		Size					
Farm puie #1		16			Kind of Pa	cker	
Well No. 1917		10			Size of		
District County M456 n	_	81/4					
Drilling commenced		6%			Depth set_		
Drilling completedTotal depth		5 3/16 3			Perf. top_		
Date shotDepth of shot		2			Perf. botto	m	
Initial open flow/10ths Water in	_Inch	Liners Used				and the second second	
Open flow after tubing/10ths Merc. in	_Inch				Peri. botto	m	
VolumeC	u. Ft.	CASING CEME	NTED	SIZE	No. FT	Date	
Rock pressurelbs	_hrs.	NAME OF SER	VICE COMPA	ANY			
Oilbbls., 1st 2-	hrs.	COAL WAS EN	COUNTERED	AT	_FEET	INCHES	
Fresh waterfeet	_feet	FEET_	INCI	HES	FEET	INCHE	
Salt waterfeet	feet	FEET_	INC	HES	_FEET	INCHE	
Drillers' Names							
Remarks: 3995' Dielling 6.			is will	h Water	on Plon	U	
0 0	7	D Dunt					

)1 16 83

DISTRICT WELL INSPECTOR

Copy.



# STATE OF WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION CHARLESTON 25305

October 25, 1983

Theodore M. Streit, Administrator Department of Mines Office of Oil and Gas

Office of Oil and Gas  Rev
RE: APPLICATION FOR PERMIT #47- 053 - 0310 TO DRILL DEEP WELL
COMPANY: UNION DRILLING, INC.
FARM: KENNETH LORAIN PRICE, ET UX
COUNTY: MASON DISTRICT: CLENDENIN
The application of the above company is APPROVED FOR CLINTON COMPLETION
(APPROVED - DISAPPROVED)
Applicant $\frac{\text{HAS}}{\text{HAS} - \text{HAS}}$ complied with the provisions of Chapter twenty-two,
four-A ( $\S22-4A$ ), of the Code of West Virginia, nineteen hundred and thirty-one (1931), as amended, 0il and Gas Conservation Commission, as follows:
<ol> <li>Provided a certified copy of duly acknowledged and recorded consent and easement form from all surface owners; Yes</li> </ol>
2. Provided a tabulation of all deep wells within one mile of the

- 2. Provided a tabulation of all deep wells within one mile of the proposed location, including the API number of the deep well, well name, and the name and address of the operator, and, \*\*
- 3. Provided a plat showing that the proposed location is a distance of 619 feet from the nearest unit boundary and showing the following wells drilling to or capable of producing from the objective formation within 3,000 feet of the proposed location: See \*\*

053-0269 - 3000'

Very truly yours,

Brett Loftin Verbreiter Petroleum Engineer



# STATE OF WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION CHARLESTON 25305

October 25, 1983

Theodore M. Streit, Administrator Department of Mines Office of Oil and Gas

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3.	Provided a plat showing that the proposed location is a distance of 619 feet from the nearest unit boundary and showing the following wells drilling to or capable of producing from the objective formation within 3,000 feet of the proposed location: See **

053-0269 - 3000

Very truly yours,

Brett Loftin Petroleum Engineer





OIL & GAS DIVISION. DEPT. OF MINES

# State of West Virginia Bepartment of Mines Gil and Gas Bivision Charleston 25305

FINAL INSPECTION REPORT INSPECTORS COMPLIANCE REPORT

•		January J, 1704	4		
COMPANY	Union Drilling, Inc.		PERMIT NO _	053-0310	
P. O.	Drawer 40		FARM & WELL	NO K. Pri	ce, #1-1917
Buckha	nnon, West Virginia 26201		DIST. & COU	NTY Clende	nin/Mason
				IN COMPLIA	ANCE
RULE	DESCRIPTION			YES	NO
23.06	Notification Prior to St	arting Work		V	
25.04	Prepared before Drilling		te	-	
25.03	High-Pressure Drilling			- NACE OF A STREET OF THE PARTY	The second second second second
16.01	Required Permits at Well	site			
15.03	Adequate Fresh Water Cas		i	· L	
15.02	Adequate Coal Casing				
15.01	Adequate Production Casi	ng •	il."	10	
15.04	Adequate Cement Strenght			<u></u>	
15.05	Cement Type				THE RESERVE OF THE PARTY OF THE
23.02	Maintained Access Roads			V	HOLES OF THE CONTROL THE RECEIPT OF THE PROPERTY OF THE PROPER
25.01	Necessary Equipment to P	revent Waste	•	~	Company of Service and personal control of the Service and Service
23.04	Reclaimed Drilling Pits		•	V	
23.05	No Surface or Underground	d Pollution	1.	16	Company of the Compan
23.07	Requirements for Product		Pipelines	V	AND THE RESIDENCE OF THE PARTY
16.01	Well Records on Site		•	~	
16.02	Well Records Filed	,			
7.05	Identification Markings		•	-	
I HAVE I	NSPECTED THE ABOVE CAPTION	NED WELL AND RE	COMMEND THA	T IT BE REI	LEASED:
				1	-001
			SIGNED (	Juny 2	Lepholon
		£	7	10	, , , , , , , , , , , , , , , , , , , ,
			DATE /	4	, 784
Your wel	l record was received and	reclamation re	quirements	approved.	In accordance

with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

Administrator-Oil & Gas Division

June 27, 1984 08/25/2023

DATE

