FORM IV-2 (Obverse) (08-78)

, 19 81 Date: January 7 Operator's Well No. \_ 1 - 1653 - U

API Well No. 47 - 083

0412 State County Permit

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

Floyd Wilson #1 (1653-U)

	OIL AND GAS W	ELL PERMIT
WELL TYPE:	Oil/ Gasx/	
	(If "Gas", Production x/ Undergo	round storage/ Deep/ Shallow _x/)
LOCATION:	Elevation: 2390' Waters	shed: Little Laurel Run
	District: Roaring Creek Count	y: Randolph Quadrangle: Ellamore
WELL OPERATO	R UNION DRILLING, INC.	DESIGNATED AGENT UNION DRILLING, INC.
Address	P. O. Drawer 40	Address P.O. Drawer 40
	Buckhannon, WV 26201	Buckhannon, WV 26201
OIL & GAS ROYALTY OWNE	ER Della B. Wilson, et. al.	COAL OPERATOR
Address	Star Route, Box 19	Address
	Coalton, WV 26257	
*******	40	COAL OWNER(S) WITH DECLARATION ON RECORD.
Acreage		COAL OWNER(S) WITH DECLARATION ON RECORD:
	R Same as Oil & Gas Owners	Name Charles E. Hough Estate
Address		Address Box 585
		Elkins, WV 26241
	13.53 of 40	Name
FIELD SALE (IF		Address
Address	Not Determined at this time	
_		COAL LESSEE WITH DECLARATION ON RECORD:
	PECTOR TO BE NOTIFIED	Name AMAX Coal Company
	Stewart (884-7782)	Address 105 S. Meridian Street
Address	P. O. Box 345	Indianapolis, Indiana 46225
4	Jane Lew, WV 26378	UDI LEASE #912
The undersigned	well operator is entitled to operate for oil or gas p	ourposes at the above location under a deed/ leasex
		to the undersigned well operator from Floyd & Della Wilson
to Union Dri	lling, INc. e, or other contract has been recorded:)	-
		wik of the County Commission of Dec 2.2.2.
		erk of the County Commission of Randolph County, West V
	Book 327 at page 298 .	
PROPOSED WO		edrill/ Fracture or stimulatex/
	Plug off old formation/ Perfora	ite new formation/
	Other physical change in well (specify)	
	-planned as shown on the work order on	
		hereby notified that any objection they wish to make or are required to
nake by Code §22-	4-3 must be filed with the Department of Mines	within fifteen (15) days after the receipt of this Application by the
Department.		
he above named	mit Application and the enclosed plat and reclama	ation plan have been mailed by registered mail or delivered by hand to
he Department of	Mines at Charleston West Virginia.	before the day of the mailing or delivery of this Permit Application to
Department of	Annes at Charleston West Virginia.	The state of the s

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMIS-

1615 WASHINGTON STREET EAST DEPT. OF MINES CHARLESTON, WV 25311

TELEPHONE: (304) 348-3092

JAN - 8 1981

OIL & GAS DIVISION

UNION DRILLING,

03/15/2024

Well Operator

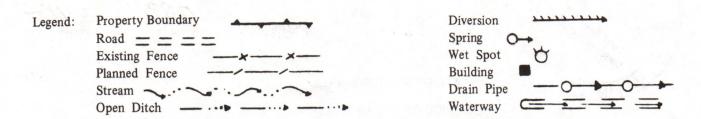
Its Dean H. Bucher, Geologist

BLANKET BOND

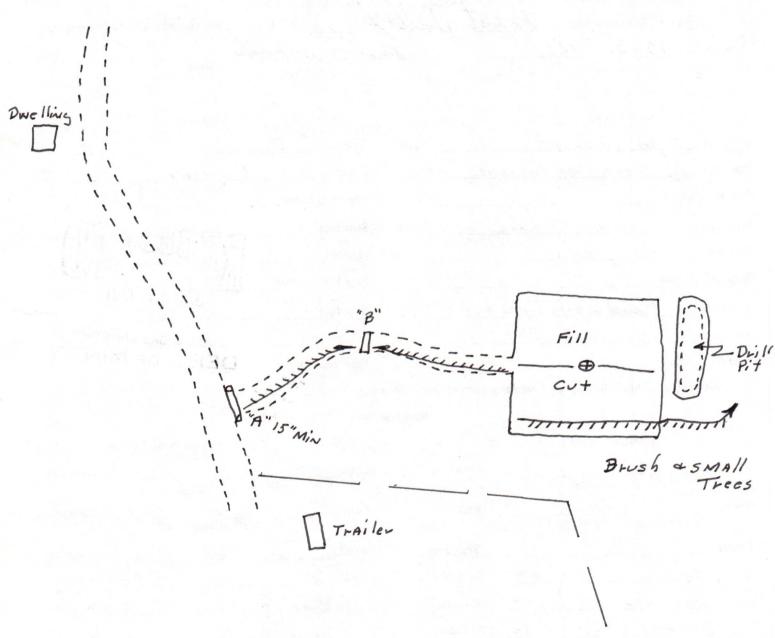
#### PROPOSED WORK ORDER

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

				Ad	dress	P. O.	Drawer 40	CHALLE TEN	
						Buckha	nnon, WV 2	26201	
GEOLOGICAI	TARGE	T FORM	MATION	,		Elk			
Estimate	d depth	of compl	leted we	11,	5300	fee	et Rotary	x/ Cabl	e tools/
							; salt, ?		
									/ Nox/
CASING AND						6 1 8 1			
CASING PINE									
CASING OR TUBING TYPE	SPE	CIFICATI Grade	ONS Weight per ft	New	Used	FOOTAGE For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Conductor	11 3/	4"		x		20'	20'		Kinds
Fresh Water			1 1 1	1 2					
Coal			- 4		14 1/3			and or the bar	Sizes
ntermediate	8 5/8	"	20#	x		900'	900'	to surface	
Production	4 1/2		10½#	х			5200'	400 sks. or as needed to	Depths set
Tubing	-	-		-	-	-73		racle 15.01	
Liners	-		-	-	-				Perforations:
			-						Top Bottom
	-		-	_	-				
					1000	1 7 -		Y TO VE TO SE	
the I pres	Department cribed by clamation iously paid 22-4-8	Regulat Plan", a d on the	applicable same well he owner	or in le to the ll, the r	plat in ieu th ie recl fee req iy wat	ereof the other amation required by Code er well or dwe	er security allowed by Code \$ 2 \cdot 22-4-12a, and (colling within 200)	ar copies of Form IV-2 lation 11, (ii) a bond it wed by Code § 22-4-2 2-4-12b and Regulative) if applicable, the confect of the proposed well where fracturing Form IV-2 filed in confect.	2, (iii) Form IV-9, ion 23, (iv) unless onsent required by d well.
THIS PERMI	T MUST	BE PO	STED AT	THE	WEL	SITE			
All provision	ns being	in acco	rdance	with (	Chapte	r 22 <sub>t</sub>			
of the W.									
for dri	lling								
operations in	611			Auto menaturia		1			
Deputy I	Director -	Bly	as Divisi	en .	=				
- harmington	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								
		••••				••••••	••••••		
Th	e followin claration	g waiver under Co	must be o	comple 4-20,	ted by	the coal operat	or and by any co	al owner or coal lesse fifteen (15) days of	e who has recorded a receipt thereof.
							IVER		
	rsigned co	al operat	tor	/ 0	wner			f the coal under this	well location has examined th
The under	isigned co	. If a mir	ne map e	xists w	hich co	overs the area o	of the well location	on, the well location h	as been added to the mine may
proposed we	ell location	no objec	etion to the West	ne wor Virgini	a Code	e and the gove	erning regulation	ns.	l operator has complied with a
proposed we	ell location	no objec	etion to the West V	he wor Virgini	a Code	e and the gove	erning regulation	ns.	operator has compiled with a
proposed we	ell location	no objec	etion to the West V	ne wor Virgini	a Code	e and the gove	By	ns.	l operator has compiled with



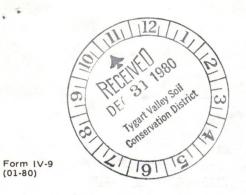
Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with first part of this plan. Include all natural drainage.



Comments: All Commercial Timber to be cut + stacked, All Brush + SMAll trees to be cut + disposed of before dirt work begins. All slopes to be 2: lexcept IN ROCK. Average ROAdway grade + 3% Signature: Cerillo P. Will, P.O. Drawer to, Buckhamon, W.Va.
Agent Address Ph Phone Number

Please request landowners cooperation to protect new seeding for one growing season.

Agent



Date	Dec	embe	- 30		19 80
Well No		16	53		
API No.	47	-	083	-	0412
	State		County		Permit

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

Company Name	INC	Designated Agent Union Drilling	INC
Address P.O. Drawer 40, Bue			
Telephone 472-4610		Telephone 47z-4	
Landowner Floy D Wilson		Soil Cons. District Tygarts Vall	
Revegetation to be carried out by Unic	on , Drilling	g INC.	(Agent
This plan has been reviewed by Tygo		<b>//</b>	
of this plan. $12 - 31 - 40$	The state of the s	Untio Hefrein	
(Date)		(SCD Agent)	
Access Road		Location	
Structure Pipe Culvert	(A)	Structure Diversion	(1)
Spacing At Roadway Entran	ice	Material Earthen	
Page Ref. Manual	1	Page Ref. Manual	W
Structure Cross Drains	(B)	Structure	(2)
Spacing As Needed		Material Design	TEIII "
Page Ref. Manual		Page Ref. Manual	Constant of the Constant of th
Structure Road way Dite	(C)	Structure JAN - 8 1	981
Spacing		Material OIL & GAS D	IVISION
Page Ref. Manual	100	Page Ref. Manual DEPT. DF	MINE
All structures should be inspected regularly	and repaired if ne	ecessary.	
	Reveg	etation	
Treatment Area I		Treatment Are	ea II
Lime 3 or correct to pH 6.5	Tons/acre	Lime 3 or correct to pH 6.5	Tons/acre
Fertilizer 600 (10-20-20 or equivalent)	lbs/acre	Fertilizer (10-20-20 or equivalent)	lbs/acre
Mulch Z	Tons/acre	Mulch 2	
Seed* Ky 3/ 30	lbs/acre		
Seed* Ky 31 30 Birdsfoot 10	lbs/acre	Bindsfoot 1	lbs/acre
Domestic Rye 10	lbs/acre	Seed* Ky 31 3 Bindsfoot 1 Domestic Rye 1	o lbs/acre
	clovers with the	proper bacterium. Inoculate with 3X recommend	ded amount.
Attach or photocopy section of involved Topog			
Legend:  Well Site	2350	MA BUILDING 1.2	· ·
- Access Road	Kingsville	50200	1 2
	The state of the s	The state of the s	A TOURS AS A STATE OF THE STATE

Well Site

Access Road

On Access Road

Gas Well

On Access Road

On Access Ro



105 SOUTH MERIDIAN STREET, INDIANAPOLIS, INDIANA 46225 • [317] 266-2626

January 13, 1981



OH & GAS DIVISION DEPT. OF MINES

Department of Mines Oil and Gas Division 1615 Washington Street, East Charleston, West Virginia 25311

Re: Union Drilling, Inc. #1-1653 Floyd Wilson Roaring Creek District Randolph County, West Virginia Ran-412

Dear Sirs:

The AMAX Coal Company has received notification that a permit application is being filed to drill the above-mentioned well. The AMAX Coal Company will offer no objection to the drilling of this proposed well provided the applicant intends to drill the proposed well subject to the following conditions:

- 1. All drilling and casing of the well shall be done in compliance with the laws and regulations of the State of West Virginia for wells drilled through workable coal beds.
- 2. All workable coal seams regardless of depth shall be plugged in accordance with the rules and regulations of the State of West Virginia, specifically as outlined in Article 4, Chapter 22 of the West Virginia Code.
- Union Drilling, Inc. will provide AMAX with a density and natural gamma ray log at a 5"=100' scale covering the interval from total depth to ground surface. In addition, one copy of any other geophysical log shall be sent to AMAX. However, AMAX Coal Company retains the option to run their own logs or have this service contracted out. Please contact Mr. David Darko (317/266-2633) for questions on this procedure.

Department of Mines Page Two January 13, 1981

4. Copies of the completion report, OG-10, and plugging affidavit, OG-8, if applicable, shall be sent to AMAX Coal Company, Attention: James W. Faber.

Sincerely,

James W. Faber, Manager Development Geology

JWF/mdt

**Enclosures** 

cc; Union Drilling, Inc. David A. Darko

The above stipulations are agreed to as a condition for obtaining a drilling permit.

Representative of Union Drilling, Inc.

Formation Color Hard	or Soft Top	Feet Bottom I	Feet Oil, Gas or Water	* Remarks
Sand	. (	110		
Sand & Shale	110	148		
Coal	148	3 152		
Sand & Shale	152	1284		
Big Lime	1284	4 1466		
Big Injun	1466	1630		
Sand & Shale	1630	1862		•
Gordon .	1862	1918		
Sand & Shale	1918	1956		
4th Sand	1956	1998		
Sand & Shale	1998	3 2012		
5th Sand	2012	2048		-
Sand & Shale	2048	2088		<u>.</u>
5th Sand	2088			=
Sand & Shale	2118			_
Lower Bayard	2142			
Sand & Shale	2162			-
Elizabeth	2236	1		
Sand & Shale	2268	Washington .		
1st Warren	2346			
Sand & Shale	2360			and the second second
2nd Warren	2386			-
Sand & Shale	2414			
Balltown	2684			
Sand & Shale	2754			
Riley	3674			
Sand & Shale	. 3730			
Benson	3820			
Sand & Shale	3870	4450		as as
Alexander	4450			
Sand & Shale	4504			
Elk	5014	5070		
Sand & Shale	5070	5210 TI		
	30,0	J210 1L		
•		•		

Date\_\_\_\_\_\_ June 2 03/15

APPROVED UNION DRILLING, INC.

Joseph C. Pettey, Production Mgr.

Date: <u>June 2, 1981</u> Operator's Well No. <u>1-1653</u> API Well No. <u>47-083-0412</u>

Floyd Wilson #1-1653

State of West Virginia Department of Mines Oil and Gas Division

WELL RECORD

				Little Laurel Ru		
				r:_Randolph		
				_ Designated Age		
Address		DRawer 40		Address	P.O. Dra	
	Buck	channon, WV 26	201	_	Buckhann	non, WV 26201
mitted Wo	Fract	ture or stimula	ate_XX_/	rill deeper/ Plug off old form Other physical	nation/	
mit Tesue	d on	January 8, 1981		Oil & Gas I	inspector for	This Work:
TILL ISSUE		Sandary Of 1901			Robert Stewa	
					P.O. Box 345	
					Jane Lew, W	
			F211-	Donth	5300	feet
		mation:	Elk	Teet Rotary_		
		ted well, 52		. 7.		
Water	strata dep	pth: Fresh		feet; Salt;		
Coal s	eam depths	s: 148-152'		Is coal b	erig infled ri	707
Work w	as commend	ced02/06/8	1	, and comple		/8L
sing and T	ubing Prop	gram Specificatio Weight	ns .	Footage	Intervals	Cement Fill-U
oing Type	Size G	rade per it	THEW USA	d For drilling		02 0000
ductor	11 3/4''	rade Weight	New Used	d For drilling 22'	Left in well 22'	02 0000
nductor esh Water	11 3/4''	rade Weight	THEW USA	221		02 0000
nductor esh Water	11 3/4"	rade per ru	X	221	22'	(cubic feet)
nductor esh Water al termediate	11 3/4" 8 5/8"	23#	X	758.20	758.20'	(cubic feet)
nductor esh Water al termediate	11 3/4" 8 5/8"	rade per ru	X	221	22'	(cubic feet)
oing Type oductor esh Water al termediate oduction	11 3/4" 8 5/8"	23#	X	758.20	758.20'	(cubic feet)
esh Water  cermediate  chuction  coing	11 3/4" 8 5/8"	23#	X	758.20	758.20'	(cubic feet)
nductor esh Water al termediate oduction bing ners  11 Treatme Hallibur Big Inju	8 5/8" 4 1/2"  ent detail rton Water un - 1556/	23# 10½#  5: Fracture (Rile) 60 - 45	X X X X ey, Benson,	758.20' 5135.45' E1k) 3/02/81, Fr	758.20' 5135.45'	(cubic feet)  200 sks.  760 sks
cong Type  Inductor  Ish Water  I	8 5/8" 4 1/2"  ent detail rton Water un - 1556/ 3658/60,	23# 10½#  s: Fracture (Ri1e) 60 - 45 3670, 3674/76'	x X X X X X A X A X A A A A A A A A A A	758.20' 5135.45' Elk) 3/02/81, Fr 430 bbls water sand, 385 bbls wat	758.20' 5135.45'	(cubic feet)  200 sks.  760 sks
esh Water esh Wa	8 5/8" 4 1/2"  4 1/2"  2	23# 10½#  s: Fracture (Rile 60 - 45 3670, 3674/76' , 3838/40' - 45	x x x x x x x x x x x x x x x x x x x	758.20' 5135.45' Elk) 3/02/81, Fr 430 bbls water sand, 385 bbls wat 366 Bbls water	758.20' 5135.45' eactured (Big	(cubic feet)  200 sks.  760 sks
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esh Water esh Water esh Water el ermediate exduction oing mers  Il Treatme Hallibun Big Inju Riley - Benson	8 5/8" 4 1/2"  4 1/2"  2	23# 10½#  s: Fracture (Rile 60 - 45 3670, 3674/76' , 3838/40' - 45	x x x x x x x x x x x x x x x x x x x	758.20' 5135.45' Elk) 3/02/81, Fr 430 bbls water sand, 385 bbls wat 366 Bbls water	758.20' 5135.45' eactured (Big	(cubic feet)  200 sks.  760 sks
nductor esh Water esh Wate	8 5/8"  8 5/8"  4 1/2"  4 1/2"  2 1 1 3/4"  8 5/8"  4 1/2"  3 1 1 1 3/4"  4 1/2"  4 1/2"  4 1/2"  4 1/2"  5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	23# 10½#  s: Fracture (Rile 60 - 45 3670, 3674/76' , 3838/40' - 45	x x x x x x x x x x x y,000# Sand, - 45,000# ,000# Sand, - 90,000# S	758.20' 5135.45'  Elk) 3/02/81, Fr 430 bbls water sand, 385 bbls wat 366 Bbls water and, 633 bbls water	758.20' 5135.45' eactured (Big	(cubic feet)  200 sks.  760 sks

OIL AND GAS WELLS DIVISION



# INSPECTOR'S WELL REPORT OIL & GAS DIVISION

DEPT. OF MINES Parmit No. 083-0412

THE COUNTY OF THE PROPERTY OF		1	CASING AND	USED IN	Leftin	PACK	ERS
ompany UNION	DR.11,NG		TUBING	DRILLING	Well		
Buck	HANNON		Size				
ddress	A CONTRACTOR OF THE PARTY OF TH		16			Kind of Pack	kcr
FlogD	Wilson		13		1		
Hell No 1-165			10			Siz. of	
Pristrict ROARING C		DOIPH	D4 8 7/8		758	250	SKS
Orilling commenced			6%			_ Der*! set_	
Orilling commenced	Francisco Control (Control Control Con		5 3/16				
Drilling completed.	Total depth_		3			Perf 'p	
Date shot	Depth of shot		2	•		_ Perf bottor	nı
			Liners Used	_		_ Per: : p	
In:tial open flow	/10ths Water	inInch				Post best	ກາ
Open flow after tubing_	/10ths Mcrc. i	nInch					- 2/
Voltte		Cu_Ft.	CASING CEME	ENTED 8	3/8 SIZE 75	No FT	2-8-07
vone			NAME OF SE	RVICE CON	PANY Dou	1e11	
Rock pressure		hrs.			4		j
Oil	bbls.	, 1st 21 has.	COAL WAS E	NCOUNTER	ED AT	_FEET	INCHES
Fresh water	feet	feet	FEET		ICHES	_FEET	INCHES
Salt water		feet	FEE	r	NCHES	_FEFT	INCHES
		10 -	D'C O	ar .			
Drillers' Names	VION DR	16 1	(16 - 8				
Remarks:							
Cener	+ 700	SURF	Ace				
Cemer	1 100						

Robert Stema DISTO 3/15/2024 CTOR

## DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

# INSPECTOR'S PLUGGING REPORT

MPANY		a maginapharisatas et senakhampatanen errappatanes per	ADDRESS			
ARM		DISTRICT		UNTY		******** * * * *
ВМ <sub>передосположения на при при при при при при при при при при</sub>		DISTRICT				
In Material Head						
ing Material Uard						
er Location		Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS WOOD	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOST
Medicate contraggic contravers, contraction contractions are contravers, and an experience contraction of a			ng kanana salawat sawa Tagitangingo isi sa daawa minos tandahagayaan ban isi magalagay (a jagoo magalaga bahasa		1	
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	1 / 11 / E					
rillers' Names						
emarks:						

03/15/2024

## STATE OF WEST VIRGINIA

# DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION

OIL AND GAS DIVISION WY DEPARTMENT OF MINES

OCT 2 1 1981

## INSPECTOR'S WELL REPORT

Permit No. <u>083-04</u>	1/12			Oil or	Gas Well	15
Company UNION	DRilling	CASING AND TUBING	USED IN DRILLING	LE T IN	PACK	ERS
Address Buck	HANNON	Size				
Farm F/041	Wilson	16		8, 3.	Kind of Pack	cer
Well No. 1-18		13		1 7 20	Size of	T = 50 ( )
District REARING C	Reek County RANDO IPH	81/4				
Drilling commenced	2-6-81	65%			Depth set	-
D. 111		5 3/16	277 11 <u>2</u> 5 441			
Drilling completed	Total depth	3		<del></del>	Perf. top	100000000000000000000000000000000000000
Date shot	Depth of shot	2		*	Perf. bottom	
Initial open flow	/10ths Water inInch	Liners Used			Perf. top	
Open flow after tubing	/10ths Merc. inInch				Perf. bottom	
Volume	Cu. Ft.	CASING CEME	NTED	SIZE	No. FT	Date
Rock pressure	lbshrs.	NAME OF SEF	RVICE COMPA	ANY		
Oil	bbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	FEET	_INCHES
Fresh water	feetfeet	FEET.	INCI	HES	7द्राचा	_INCHES
Salt water	feetfeet	FEET_	INC	HES	FEET	_INCHES
Drillers' Names						
Remarks:					y y y y	

O.K. To Release

10-19-81 DATE Rabert Stewars 1024
DISTRICT WELL INSPECTOR

## STATE OF WEST VIRGINIA

### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

## INSPECTOR'S PLUGGING REPORT

COMPANY	A CONTRACTOR OF THE CONTRACTOR		ADDRESS		II No.		
ARM		DISTRICT					
lling Material Used							
ner Loc	ation	Amount	Packer	Location			
PLUGS USED A	ND DEPTH PLACED		BRIDGES CASING		G AND TU	AND TUBING	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOS	
						- 1 × 1 × 1	
						2 12 1	
				*			
			And the second				
		Edvis 4					
illers' Names				-	14.7 · 4 · 12.5 · 12.5 · 12.5 · 12.5	C to	
marks:							
	I hereby certify I vi	inited the short	a well on this data				
DATE	ceruity I vi	isited the abov	e wen on this date.				

03/15/2024



## State of Mest Birginia

Department of Mines Gil and Gas Division Charleston 25305

WALTER N. MILLER DIRECTOR

January 29, 1982

Union Drilling, Inc. P. O. Drawer 40 Buckhannon, W. Va. 26201

Dear Sir:

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

PERMIT NO.	FARM AND WELL NO.	DISTRICT
RAN-0388 RAN-0389 RAN-0412 RAN-0419 RAN-0420	Harry McMullan, Jr. Estate #16-1516-UC Harry McMullan, Jr. Estate #17-1522-UC Della B. Wilson et al #1-1653-U Harry McMullan, Jr. Estate #1658 Harry McMullan, Jr. Estate #1659	Middle Fork Middle Fork Roaring Creek Middle Fork Middle Fork

In accordance with Chapter 22, Article 4, Section 2, the bond coverage for above captioned wells will stay in force for life of well. Reclamation requirements have been approved.....

Fred Burdette

### FERC-121

1.0 API well number: (If not available, leave blank. 14 digits.)	47-083-0412	_ 1001
Type of determination being sought:     (Use the codes found on the front     of this form.)	103 Section of NGPA  TOTAL TOTAL Category Code	GAS DIVISION OF MINE
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	feet	
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Union Drilling, Inc.  P.O. Drawer 40  Street Buckhannon, WV 26201  City State Zip Code	019434 Seller Code
<ul> <li>5.0 Location of this well: [Complete (a) or (b).]</li> <li>(a) For onshore wells</li> <li>(35 letters maximum for field name.)</li> </ul>	Roaring Creek District Field Name Randolph County  Roaring Creek District WV State	
(b) For OCS wells:	Area Name  Date of Lease:  Mo. Day Yr.  OCS Lease Number	
<ul><li>(c) Name and identification number of this well: (35 letters and digits maximum.)</li></ul>	Floyd Wilson #1 - 1653	
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)		
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Columbia Gas Transmission Corporation Name	004030 Buyer Code
(b) Date of the contract:	Mo. Day Yr.	
(c) Estimated annual production:	Not in production yet MMcf.	
	(a) Base Price (b) Tax (c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	2.476	2.476
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	2.476	2.476_
9.0 Person responsible for this application:  Agency Use Only  Date Received by Juris. Agency  JUL 8 1981  Date Received by FERC	Joseph C. Pettey  Name  Title  Production  Title  7/07/81  Date Application is Completed  Phone Number	n Mgr.

FT7900806/2-2

•		
PARTIC	DATE: AUG 121981	BUYER-SELLER CODE
WELL	OPERATOR: Union Drilling, Inc.	019434
FIRS	T PURCHASER: Columbia Gar Trans. Corp.	004030
OTHE	R:	
§]-(	Va. Department of Mines, Oil & Gas Division WELL DETERMINATION FILE NUMBER  103-083=0412  Above File Number on all Communications Relating to Determination of this Well  CHECK FACH LITEM AS COMPLETE OF MOTOR CONTRIBUTION	
ITEM I	CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING	
2.	FERC -121 V Items not completed - Line No. $\frac{7.0 + 8.0}{2}$ by IV-1 Agent $\frac{1}{2}$ Remson	
4.		
5.	TV 25 V-11 P	
6.		
7.		Ratio
8.		
	Days off line:	
	IV-48 Application for certification. Complete?	
18-28.	IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? Affi	davit Signed
	Other: Survey Logs Geological Charts  Structure Map 1: 4000 Map Well Tabu	lations
(5)	Date commenced: 2-6-8  Date completed 2-/3-8/ Deepene	d
(5)	Production Depth: 1556-60, 3658-76, 3810-46, 4998-5625	
(5)		
(5)	Final Open Flow: 133 MCF	
(5)	After Frac. R. P. 290# 24 hrs.	
(6)	Other Gas Test:	
(7)	Avg. Daily Gas from Annual Production:	
(8)	Avg. Daily Gas from 90-day ending w/1-120 days	
(8)	Line Pressure: PSIC	G from Daily Repor
(5)	Oil Production: From Completion Report	
0-17.	Does lease inventory indicate enhanced recovery being done $\mathcal{M}\mathcal{O}$	
0-17.	Is affidavit signed? Notarized?	
oes of	ficial well record with the Department confirm the submitted information	03/15/2024
ddition	nal information Does computer program confirm?	
as Dete	ermination Objected to By Whom?	

FORM	IV-54WC
(12-78)	

**ADDRESS** 

#### Date June 4 , 19 81 STATE OF WEST VIRIGNIA Operator's 1 - 1653Well No. DEPARTMENT OF MINES. API Well No. 47 0412 **OIL AND GAS DIVISION** State County Permit WELL CLASSIFICATION FORM NEW ONSHORE PRODUCTION WELL NGPA Section 103 DESIGNATED AGENT Union Drilling, Inc. **ADDRESS** P.O. Drawer 40 Buckhannon, WV 26201 WELL OPERATOR <u>Union Drilling</u>, Inc. LOCATION: Elevation 2390'

Watershed Little Laurel Run

Dist. Roaring Creekunty Randolphouad. Ellamore

GAS PURCHASER Columbia GAs Trans. Corp. Gas Purchase Attn: Bill Gallagher Contract No. **ADDRESS** P.O. Box 498 Meter Chart Code Washington, PA 15301 Date of Contract Date surface drilling was begun 2/06/81 Indicate the bottom hole pressure of the well and explain how this was calculated:

> Pw = 290 L = 5210 G = 0.70 Avg T = .007 L + 520 = 556.47 BHP = Pw e GL.53.34 T = 327.9 psig

P.O. Drawer 40

Buckhannon, WV

26201

#### **AFFIDAVIT**

Joseph C. Pettey \_\_\_\_, having been first sworn according to law state that surface drilling of the well for which this determination is sought was begun on or after February 19, 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit, in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.

STATE OF WEST VIRGINIA,

Upshur , TO WIT

by III, a Notary Public in and for the state and county aforesaid, do certify Joseph C. Pettey , whose name is signed to the writing above, bearing date the\_

\_\_\_\_\_, 19\_\_\_\_\_, has acknowledged the same before me, in my county aforesaid. Given under my hand and official seal this day of

My term of office expires on the 19 day of 03/15/2024

(NOTARIAL SEAL)

Notary Public

1