File



) Date	:_February	24	, 19_84
	Salar Sa		

2) Operator's Well No. 2013

3) API Well No. 47 - 053 - 034

State County Permit

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

				A	PPLICAT	ION FOR A WE	LL WORK PERMI	<u>T</u>	
4) WELLT	YPE A C	)ila waa	320/10	as 1	CT CV	ANA AN SHE	THE COMMENT AND	DIFICATIONS A	ONETHERATO
4) WELLI	B (	f "Gas"	Productio	n )	7	/ Undergroup	l storage	/ Doon	_/ Shallow X_/)
5) LOCATIO	ON· FIG	evation:	567'	'II		Watershed:	Crab Creek	/ Deep	_/ Snallow/)
, Locatio			lenden			County:		Quadrangle	Apple Grove
) WELL OI									h C. Vanzant, Jr.
Addres			ice Dr				Address	Post Office	
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OIL & G	AS INSPEC			A STATE OF THE STA			9) DRILLING O		111 20201
	Jerr							on Drilling.	Inc
Addres			Box 1				Address	Post Office	
			VV 2.				ridaress	Buckhannon,	
PROPOS	ED WELL		Drill_	37	_/ Drill	deeper	/ Dadaill	/ Stimulate	
TROTOS	LD LLL	WORK.		Marine Committee			prate new formation		TONE (CLEUW)
						well (specify)			
GEOLOG	ICAL TAR	GET FOR							100 
	nated depth o			350		fee	State of the state		FEB 2 7 1984
	oximate trat			?		AND DESCRIPTION OF THE PROPERTY OF THE PROPERT	t,?	feet.	OH O CAC FIVE
	oximate coal			?			oal being mined in th		OIL & GAS DIVIS
	AND TUBI					150	oar being inned in th	le area? Yes	DEPTO OF MI
ASING OR	11	SPEC	CIFICATION	S	n	FOOTAGE	INTERVALS	II CEMENT BULLER	1
UBING TYPE	Size	Grade	Weight per ft.	New	Used			OR SACKS	PACKERS
ductor	11-3/		32	X	Useu	For drilling	Left in well	(Cubic feet)	
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nit number_	47-0	133-03	941				7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	March 26	6, 19 84
Hullibel _								Date	ompletion of the deithi
		l operato	r and well	locatio	n shown be	elow is evidence	of permission grante		
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5) LOCATION - Heyation;

### STATE OF WEST VIRGINIA OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF	ANY) TO	THE PROPOSED	WELL WORK
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OFFICE USE ONLY  This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.  Date  Follow-up inspection(s)  Well work started  Completion of the drilling:  process  p								
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See the reverse side of the APPLICANT'S CUPY for instructions to the well operator,

IV-9 (Rev 8-81)



DATE February 18, 1984

WELL NO. 2013-1

API NO. 47 -053 -0341

## State of Mest Airginia Pepartment of Mines Gil and Gas Pivision

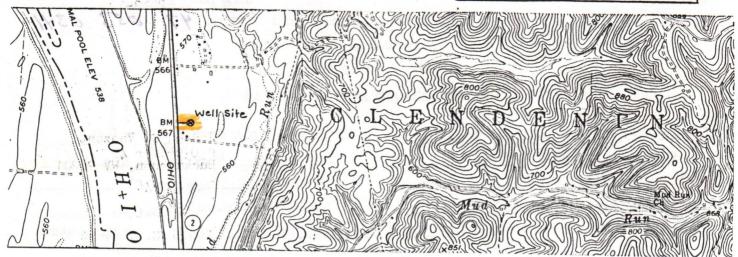
#### CONSTRUCTION AND RECLAMATION PLAN

Address Buckhannon, WV 26201		Address	P O Drawer 40 Buckhannon, WV 2	6201
Telephone 304/472-4610		Telephone_	304/472-4610	
ANDOWNER Karl U. Blaine	_	SOIL CONS.	DISTRICT Western	
Revegetation to be carried out by Un	ion Dril	ling, Inc.	Joseph C. Vanzan	t (Agent)
This plan has been reviewed by	Western		SCD. All correc	tions
and additions become a part of this plan	n: Feb	21,198 (Date)	TH DIE	CEIV
April 1985 Control (1984)	Les	elie Ro	your Il	EB 27 19
		(SCD Agen		& GAS DIV
ACCESS ROAD			LOCATION	T. OF M
Structure CMP Culvert 12" min	(A)	Structure_	Orill pit	(1)
Spacing at Route 2		Material_	Earth	
Page Ref. Manual 2:7		Page Ref.	Manual	
Structure	(B)	365000000	Level bottom	(2)
Spacing		Material_		
Page Ref. Manual		Page Ref. 1	Manual	
Structure	(C)	Structure_		(3)
Spacing		Material		
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All structures should be inspected commercial timber is to be cut and structured from the site before  Treatment Area I  Lime 3 Tons/acre or correct to pH 6.5  Fertilizer 600 lbs/acre (10-20-20 or equivalent)  Mulch Hay or straw 2 Tons/acre Red Clover 4 lbs/acre Ladino Clover 2 lbs/acre *Inoculate all legumes such as vetch,	tacked and dirt work  VEGETATION  trefoil	Page Ref. In and repair dell brush begins.  ON  Lime or correspond for the limit of	Manual  ed if necessary. All and small timber to b  Treatment Area II  ect to pH 6.5  600 1  (10-20-20 or equivale or straw 2 7  ard Grass 30 1  Clover 4 1  with the proper back  5. T. Tolley, Jr.  2911 Sissonville Drivent	cons/acre bs/acre bs/acre bs/acre bs/acre bs/acre bs/acre
All structures should be inspected commercial timber is to be cut and structured from the site before  Treatment Area I  Lime 3 Tons/acre or correct to pH 6.5  Fertilizer 600 lbs/acre (10-20-20 or equivalent)  Mulch Hay or straw 2 Tons/acre Red Clover 4 lbs/acre Ladino Clover 2 lbs/acre  *Inoculate all legumes such as vetch, Inoculate with 3X recommended amount.	tacked and dirt work  VEGETATION  trefoil	Page Ref. In and repair dell brush begins.  ON  Lime or correspond for the limit of	Manual  ed if necessary. All and small timber to be and small timber to be a small timber tim	cons/acre bs/acre bs/acre bs/acre bs/acre bs/acre bs/acre

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE Apple Grove

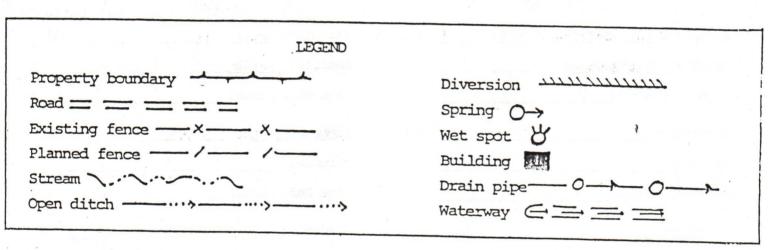
16, 1984

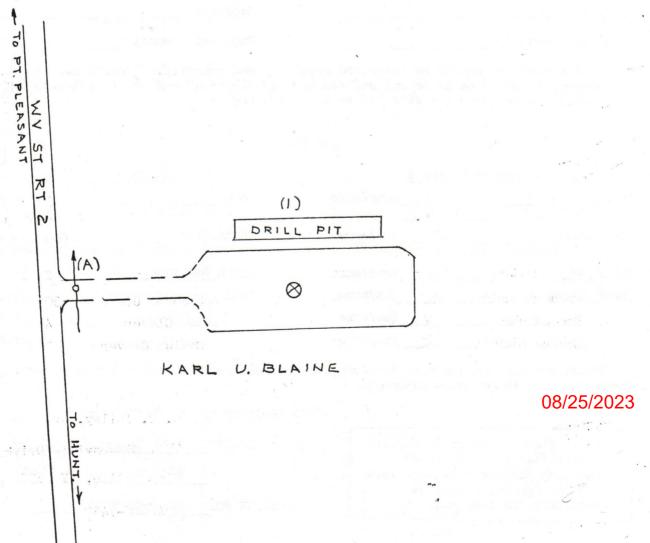
Well Site Access Road —



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.





1) Date: February 24 ,1984

State

2) Operator's

3) API Well No.

Well No. 2013

47-05 County

Permit

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

### NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SU	RFACE OWNER(S) OF RECORD TO BE SERVED	5(i)	COAL OPERATOR
(i)	Name Karl U. Blaine		Address
	AddressRoute 1, Box 284		
	Millfield, OH 45761	5(ii)	COAL OWNER(S) WITH DECLARATION ON RECORD
(ii)	Name William H. Blaine		Name <u>Karl U. Blaine</u>
	Address Star Route Box 4		Address Route 1, Box 284
	Gallipolis Ferry, WV 25515		Millfield, OH 45761
(iii)	Name		Name William H. Blaine
	Address		Address Star Route Box 4
		<b>5</b> / · · · · ·	Gallipolis Ferry, WV 25515
		5(111)	COAL LESSEE WITH DECLARATION ON RECORD:
			Name
			Address

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

(1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;

(2) The plat (surveyor's map) showing the well location on Form IV-6; and

(3) The Construction and Reclamation Plan on Form IV-9 )unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered EB 2.7 by hard to the response of the publication in certain circumstances on or by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

OIL & GAS DIVISION DEPT. OF MINES

6) EXTRACTION RIGHTS

Check and provide one of the following:

☐ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.

The requirement of Code 22-4-1-(c)(1) through (4). (See reverse side for specifics.)

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or leases or other 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 or gas so extracted, produced or marketed? Yes No XX

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and

The truth of the information on the Notice and Application is verified and sworm to and the Notice is signed on behalf of the Well Operator in my County and State by Joseph C

State of

this 1 3 day of My comm Notary Publi

Union Drilling, Inc. OPERATOR

President of Production Address Post Office Drawer 40

Buckhannon, WV

Telephone 304-472-4610

#### 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.

# 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
Karl U. Blaine, et. ux. Wm. H. Blaine, et. ux. Cyclops Corporation	Cyclops Corporation Cyclops Corporation Union Drilling, Inc.	1/8 1/8	47/311 47/313 49/507

## P 534 410 976

### RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED NOT FOR INTERNATIONAL MAIL

(See Reverse)

2.517	Sent to William H. Blaine	
983.40	Street and No. Star Route Box 4	
U.S.G.P.O. 1983.403.517	P.O., State and ZIP Code Gallipolis Ferry, WV 25	515
U.S.G.	Postage \$	JI J
*	Certified Fee	
	Special Delivery Fee	
	Restricted Delivery Fee	
	Return Receipt Showing to whom and Date Delivered	
1982	Return receipt showing to whom, Date, and Address of Delivery	
Feb.	TOTAL Postage and Fees	
Form 3800,	Postmark or Date 1984	
Form	Postmark or Date 1984 12013	
PS	~	

## P 534 410 977

## RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED NOT FOR INTERNATIONAL MAIL

	(See Reverse)
	Sent to Karl U. Blaine
The section of the se	Street and No. Route 1, Box 284
0	P.O., State and ZIP Code Millfield, Ohio 45761
o o	Postage \$
*	Certified Fee
	Special Delivery Fee
	Restricted Delivery Fee
	Return Receipt Showing to whom and Date Delivered
1982	Return receipt showing to whom Date, and Address of Delivery
Form 3800, Feb. 1982	TOTAL Postage and Fees
3800,	Postmark or Date 2013
Form	W
PS	
	The state of the s





# State of Mest Virginia Department of Mines

Date November 2, 1984 Operator's 1 - 2013 Well No. Farm Karl Blaine #1 API No. 47 - 053 - 0341

(Continue on reverse side)

Wil und Vas Division

WELL OPERATOR'S REPORT OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas X / Liquid Injection (If "Gas," Production / Undergrou	/ Wast nd Storag	e Disposa je/ Deep	l/ p/ Sha	llow_X_/)
LOCATION: Elevation: 567' Watershed	Crab Cree	k		
District: Clendenin County Mas	on	Quadrangle	Apple Gr	ove
COMPANY UNION DRILLING, INC.				<i>y</i> - 1
ADDRESS P.O. Drawer 40, Buckhannon, WV 26201	Casing	Used in	Left	Cement
DESIGNATED AGENT Joseph C. Vanzant, Jr.	Tubing	Drilling		fill up Cu. ft.
ADDRESS P.O. Drawer 40, Buckhannon, WV 26201	Size			
SURFACE CWNER Karl Blaine	20-16			
ADDRESS Rt. #1, Box 284, Millfield, Ohio 45761	Cord. 13-10"			
MINERAL RIGHTS OWNER same	9 5/8	614 30'	614.30'	247 cf
ADDRESS	8 5/8	014.50	014.50	247 01
OIL AND GAS INSPECTOR FOR THIS WORK	7	1899.80'	686.05	59 cf
Jerry Tephabock ADDRESS Rt.1, Box 101-A, Ripley, WV 25271	5 1/2			
PERMIT ISSUED 3/26/84	4 1/2		3177.15'	152 cf
DRILLING COMMENCED 10/17/84	3			
DRILLING COMPLETED 10/21/84	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED	Liners			
ON	used			
GEOLOGICAL TARGET FORMATION Devonian Shale		Dep	th3500	feet feet
Depth of completed well 3200' feet F	otary_xx	/ Cable	e T∞ls_	
Water strata depth: Fresh 765' feet;	Salt_ no	ne feet		
Coal seam depths: none	Is coal	being min	ed in the	area?_no_
OPEN FLOW DATA				
Producing formation Upper & Lower Huron	Pay	zone dep	th <sup>2904</sup> '	feet
Gas: Initial open flow show Mcf/d				
Final open flow 133 Mcf/d				
Time of open flow between initi				
Static rock pressure 600# psig(surface				
(If applicable due to multiple completion-				5/2023
Second producing formation				
Gas: Initial open flow Mcf/d				
Final open flow Mcf/d				
Time of open flow between init			-	
Static rock pressurepsig(surface	measurem	ent) after	hou	rs shut in

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

Dowell - 1 stage Foam Frac - 10/26/84

2595/2904 - Upper Huron - 60,000# sand, 310 Bbls water and 850,000 scf nitrogen

Lower Huron

#### WELL LOG

	W	ELL LOG	
FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all freshand salt water, coal, oil and gas
Sand & Shale Berea Top of Devonian Shale Upper Huron Shale Lower Huron Shale Angola Shale	0 1752 1778 2581 2643 2914	1752 1778 2604 2914 3098 3200'	1/2" stram water @765' T.D.
	-		

(Attach separate sheets as necessary)

	UNION DRILLING, INC.
We	ll Operator
By:	08/25/2023
Date:	Joseph C. Pettey, Vice President of Production
	11/02/04

11/02/84

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 only encountered in the drilling of a well."

Permit No.

053 0341

#### STATE OF WEST VIRGINIA

# DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



### INSPECTOR'S WELL REPORT

OIL & GAS DIVISION

DEPT OF MINES

CompanyUnion	Drilling	CASING AND TUBING	USED IN DRILLING	LEFT IN	PAG	KERS
Address		Size				
FarmBl	aine	16			Kind of Pac	cker
Well No	#1	13			Size of	
District	County_Mason	81/4			Jize vi	
Drilling commenced		6%			Depth set_	
Drilling completed	Total depth	5 3/16			Perf. top	
Date shot	Depth of shot	2			Perf. bottor	
Initial open flow	/10ths Water inInch	Liners Used	-		Perf. top	
Open flow after tubing	/10ths Merc. inInch				Perf. bottor	n
Volume	Cu. Ft.	CASING CEMEN	NTED	SIZE	No. FT	Date
Rock pressure	lbshrs.	NAME OF SER	VICE COMPA	NY		
0i1	bbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	FEET	INCHES
Fresh water	feetfeet	FEET_	INCH	ES	FEET	INCHES
Salt water	feetfeet	FEET_	INCH	ES	FEET	INCHES
Drillers' Names						
Pomorlio						

Okeyed change in pit area to keep out of corn and alfalfa field.

10 2 84

Jeny Ty08/25/2023

#### STATE OF WEST VIRGINIA

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

## INSPECTOR'S PLUGGING REPORT

COMPANY	r v a man				5	
COMPANY	The state of the s		ADDRESS			
ARM	i i i i i i i i i i i i i i i i i i i	DISTRICT	28 2 20 20 20 20 20 20 20 20 20 20 20 20 2	COUNTY		
'illing Material Used						
Liner I	ocation	Amount	Packer	Location		
PLUGS USED	AND DEPTH PLACED		BRIDGES	CASIN	C AND TH	21112
CEMENT-THICKNESS	WOOD-SIZE	LEAD		CASING AND TUBING		
			CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOS
•				+		-
	-					
				+	$\rightarrow$	
				+		
				-		
Andrew Control of Cont						
illers' Names						
mers Names				-		
marks:						
marks.			****			
				•		
DATE	I hereby certify I vis	ited the shows	wall on this data			

#### STATE OF WEST VIRGINIA

## DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

### INSPECTOR'S WELL REPORT

Permit No. 053 0341			Oil or		
Company Union Drilling	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL		PACKERS
Address	Size				
Farm	16			Kind of	Packer
Well No	13			Size of	498 F. F. F. F. F. F.
DistrictCounty_Mason	81/4	DECE	IVE		
Drilling commenced	6%	JANS	- 1985	Depth	set
Drilling completedTotal depth	3	OIL & GAS	DIVISION	Perf. to	pp
Date shotDepth of shot	2	EPT. OF	MINES	Perf. b	ottom
Initial open flow/10ths Water inInch	Liners Used				p
Open flow after tubing/10ths Merc. inInch				Peri, b	ottom
VolumeCu. Ft.	CASING CEME	ENTED	SIZE	No. F	TDate
Rock pressurelbshrs.	NAME OF SE	RVICE COMPA	ANY		
Oilbbls., 1st 24 hrs.	COAL WAS E	NCOUNTERED	AT	_FEET_	INCHES
Fresh water <u>feet</u> <u>feet</u>	FEET	INC	HES	_FEET_	INCHES
Salt water feet feet	FEET	INC	HES	_FEET_	INCHES
Drillers' Names					38: ant 38
Remarks:					

Backfilled waiting for spring.

2 85 AOTO A PRIO TOTAL PRIO TOTAL

DISTRICT WELL INSPECTOR

#### STATE OF WEST VIRGINIA

#### **DEPARTMENT OF MINES**

### OIL AND GAS WELLS DIVISION

### **INSPECTOR'S PLUGGING REPORT**

Permit No.	1910		THOTORS By	V	/ell No		
COMPANY	e-110		ADDRESS	ſ	S 30		
			COUNTY				
Filling Material Used					io in t	Vrisijiisi	
Liner Loc	ation	Amount	Packer	Loc	cation		
	ND DEPTH PLACED		BRIDGES	CASING AND TUBIN			
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST	
CA	MANIE (CERTIFICATION)		A STATE OF S				
	200 8 MAI						
in a narrange 1984 per	HOISING BASIS	1010		* ***	(1875)		
The mallest war	PARTITION CONT.			o 8 au 2			
			The Continue of the Continue o	A WA		- A-8 - 1935	
200,000 1097							
			38/0			128 - 201 12	
1981 July 2017 187		TIAT MOTER	THE PROPERTY OF THE PARTY OF TH				
	YMARKO		NANK PROPERTY OF				
9113241		bito in the	on is fall plas.				
Drillers' Names			1957			Mark Hea	
340%	NORTH NEW YORK	7.5		sa.č			
Remarks:							
	hereby certify I visi	ited the above we	ll on this date.				
DATE							

DISTRICT WELL INSPECT/25/2023



OIL & GAS DIVISION

DEPT. OF MINES



# State of West Birginia

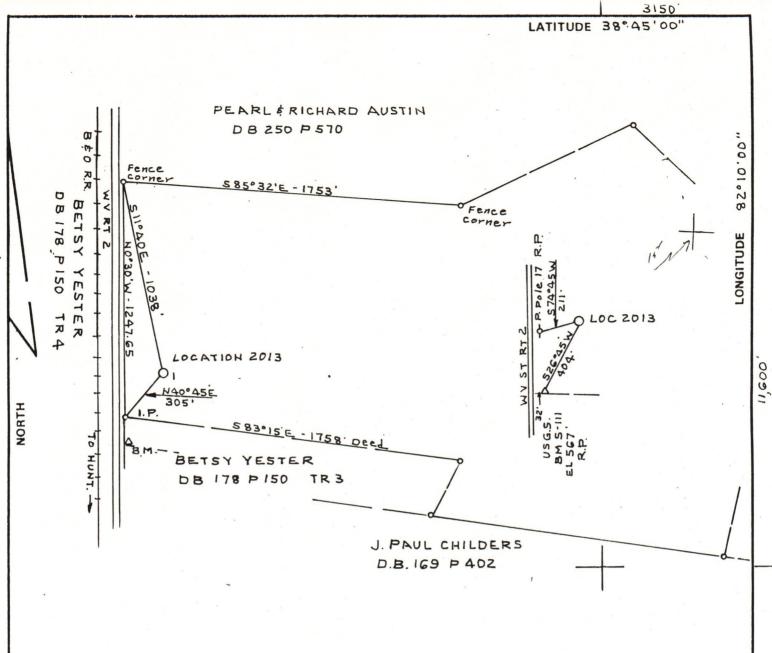
## Bepartment of Mines

## Gil and Gas Bivision

Charleston 25305

FINAL INSPECTION REPORT INSPECTORS COMPLIANCE REPORT November 30, 1984

	November	30, 1984
COMPAN	Y Union Drilling, Inc.	PERMIT NO053-0341
P.	O. Drawer 40	
		FARM & WELL NO Karl Blaine #1-201
Buc	khannon, West Virginia 26201	DIST. & COUNTY Clendenin/Mason
RULE	DESCRIPTION	IN COMPLIANCE YES NO
23.06	Notification Prior to Starting Wo	-1
25.04	riepared before Drilling to Draw	ent Waste
25.03	bii-ilessure prilling	- Haste
16.01	Required Permits at Wellette	
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	4
23.02	Maintained Access Roads	
25.01	Necessary Equipment to Prevent Was	ate
23.04	Reclaimed Drilling Pite	
23.05	No Surface or Underground Pollund	
23.07	requirements for Production & Carl	pering Pineline
16.01	well kecolds on Sile	letting ripetines
16.02	Well Records Filed	
7.05	Identification Markings	
I HAVE I	NSPECTED THE ABOVE CAPTIONED WELL A	ND RECOMMEND THAT IT BE DELEASED.
	*	TI DE RELEASED:
		SIGNED yem/a lephalor
		DATE 5 15 85
Your well	record was received and reclament	on requirements approved. In accordance
with Chap	ter 22. Article 4. Section 2. the	on requirements approved. In accordance
coverage	ter 22, Article 4, Section 2, the after the life of the well.	anove well will remain under bond
	and well:	7/1/
		1-11-10
		Administration
		Administrator-Oil & Gas Division
		Max 2/ 1985
		DATE



FILE NO. BK 82 P1 DRAWING NO ... SCALE 1" - 500' MINIMUM DEGREE OF ACCURACY\_1: 200 PROVEN SOURCE OF ELEVATION USGS B.M 5-111 E1 567'

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

C . . (SIGNED)\_ LLS. 92 R.P.E.

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS FORM IV-6



, 19 84 DATE FEB 10 OPERATOR'S WELL NO. 2013 -1 API WELL NO.

47 - 053 -0341 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

\_GAS\_X\_LIQUID INJECTION\_\_\_\_WASTE DISPOSAL. WELL TYPE: OIL \_\_\_ (IF "GAS,") PRODUCTION\_X\_STORAGE\_\_\_DEEP\_\_\_SHALLOW X\_

WATER SHED CRAB CREEK LOCATION: ELEVATION 567.00

DISTRICT CLENDENIN COUNTY MASON

QUADRANGLE APPLE GROVE

ACREAGE 122.5

OIL & GAS ROYALTY OWNER KARL U. BLAINE LEASE ACREAGE 122.5

LEASE NO. C - 2 - 774

PROPOSED WORK: DRILLX\_CONVERT\_\_\_DRILL DEEPER\_\_\_REDRILL\_ \_FRACTURE OR 08/25/2023

STIMULATE \* PLUG OFF OLD FORMATION PERFORATE NEW

FORMATION \_\_\_OTHER PHYSICAL CHANGE IN WELL (SPECIFY).

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG\_

TARGET FORMATION DEVONIAN SHALE ESTIMATED DEPTH 3500 WELL OPERATOR UNION DRILLING INC. DESIGNATED AGENT JOSEPH VANZANT

ADDRESS PO. DRAWER 40 ADDRESS PO. DRAWER 40

BUCKHANNON WVA 26201

SURFACE OWNER KARL U. BLAINE

BUCKHANNON WVA

(8.78)