## THIS PERMIT MUST BE POSTED AT THE WELL SITE

Il provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for \_\_Drilling \_\_\_\_. This permit shall expire if

LEU!

DECEIVED

APR - 2 1981

operations have not commenced by 12-20-81

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OF STREET STOR !

Deputy Director - Oil & Gas Division

OIL and GAS DIVISION DEPT. OF MINES

#### OIL AND GAS WELL PERMIT APPLICATION

	OIL AND GAS W	ELL PERM	II APPLIC	AHON
TO THE DEPARTMENT OF M	The first and the second secon			
Charleston, W. V		DATE	MILE MADE	and introduction arguments
Surface Owner: Harry Mc		Allegheny	Land and Mineral	Company
P.O. Box			. O. Drawer 1740	
Washingt	on, N.C. 27889		larksburg, West Vi	
				d) Acreage 2539
Westvaco			(waters) <u>Flatbus</u>	
	olph Ave.		A-1027	
111 01100 - 11028 90	N. Va. 26241		Roaring Creek le Eliamore	County Randolph
Coal, Oil & Gas Owner:			100	20 - 46
Harry McMullan III, et a				
P.O. Box 8				
Washington, N.C. 27889	400 or 30 helen	INSPECTOR TO BE		
	the Lowelsk Con	NOTIFIED: Robert	S. Stewart	
Coal Lessee:			18228	2/ F 3
AMAX Coal Company	International Coal Co.	ADDRESS: P.O. Bo	ox 345, Jane Lew, V	V. Va. 26378
105 South Meridan St.	Greenbrier Valley Bldg.	PHONE: 884-778		
Indianapolis, Indiana	119 Washington St., East			
46225	Lewisburg, W. Va. 24901			Liners
GENTLEMEN:				
The undersigned well	operator is entitled to dr	ill upon the above	named farm or trac	et of land for oil and gas,
				1971 by Goff-Arno
Land unto Manufactures ur	ito Columbia thence unto A.	L.& M. and re	ecorded on the 30t	th day of July 19
in Randolph Co	ounty, Book 272 Pag	ge 449		
XXXX NEW WELL				FRACTURE OR STIMULATE
OLL AND GAS	WELL ORIGINALLY DRILLED B			INNOTONE ON STINGENTE
312 7445 675 312 7903 D 3	ALLE OKTOTIVEET DKIELED B	BEFORE JUNE 3, 1969.	12 1 11 30 110	
The enclosed plat was operators have been notif	s prepared by a registered ied as of the above date.	engineer or license	ed land surveyor an	d all coal owners and/or
7 1190 211- 00				
The above named coal required to make by Secti (10) days.*	owners and/or operator are on 3 of the Code, must be	hereby notified the received by, or file	at any objection t ed with the Depart	hey wish to make, or are ment of Mines within ten
Conton of this settle	- 27 ARIUS (75) RVIR . 000	r a lung tioneria en	ELEDO VILIBERALOS E	
operators or coal owners	and the enclosed plat wer	e mailed by registe	red mail, or deliv	ered to the above named coal
own the same day with the	at their above shown respe	is conv to the Dona	day	Charleston, West Virginia.
TWEE DROUGHTHANKS WE - 190		is copy to the bepar	Timent of Mines at	Charleston, West Virginia.
		Very truly	yours.	
	LLion bood not notifed nos			
GEOPHYSICAL LOGS DIRECTLY	то:	(Sign Name	ALLEGHENY LAND A	ND MINERAL COMPANY
			- Albain	1 Marsh.
	Ad	dress	BY: //////	D' SHILLING
OFFICE OF OIL AND GAS	Adi	of		
1615 Washington Street, E	ast Well (	Operator	Daniel I. Wheeler	r, Vice President
Charleston, West Virginia			P. O. Box 1740	, vice riesidelli
Area Code 304 348-3092	348-3096		Clarksburg, West	Virginia 26301
			3,	ronalph floreof.
*CECTION 7				
from the receipt of notice forthwith issue to the we the coal operators or four	bjections are filed or four e and plat by the department il operator a permit recit and thereto by the departmen	nt of mines, to said ing the filing of su nt and that the same	proposed location uch plat, that no o	said period of ten days  a, the department shall  bjections have been made by the well operator authorized
				0.10 - 10.014 - 10.00
				03/15/2024
			47-083	PERMIT NUMBER
I have read and understar Chapter 22, Article 4, Sec	nd the reclamation requirementation 12-b and will carry c	ments as set forth i out the specified re	n	
16/600	1011/11/11			

## THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

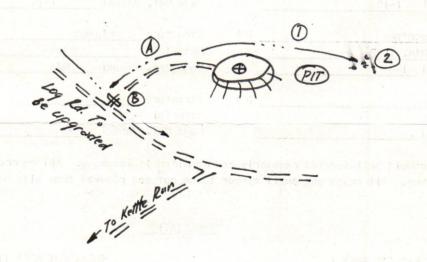
PROPOSED WORK ORDER TO	XXX DRILL	DEEPEN	FRACTURE STIMULATE
DRILLING CONTRACTOR: (If Kno	wn)	RESPONSIBLE AGENT:	
NAME: Union Drilling Com	pany	NAME: Allegheny La	and and Mineral Company
ADDRESS: P. O. Drawer 40		ADDRESS: P. O. Drawer	
Buckhannon, West V	irginia 26201	Clarksburg,	West Virginia 26301
TELEPHONE: 304-472-4610		Telephone: 304-623-6671	
ESTIMATED DEPTH OF COMPLETED	WELL: 5550!	ROTARY XXX	CABLE TOOLS
PROPOSED GEOLOGICAL FORMATION	EIK 3TAO	a.f	V. Josephann,
TYPE OF WELL:	GAS XXX COMB	STORAGE	DISPOSAL
	RECYCLING	WATER FLOOD	OTHER
Armold) Acresse 2539			
TENTATIVE CASING PROGRAM:			
Flevetion 26761	Veht No. N-1027	Apply Aye,	
CASING AND TUBING	DRILLING	LEFT IN SAS	OR SACKS - CUBIC FT.
20 - 16	201	20'	cement to surface
13 - 10			s to .114 modulian 141. of a
9 - 5/8			P.O. Pox 9
8 - 5/8	900' 38 OT 90T079741	100	cement to surface
7	5550'	5550	renzent land
5 1/2 4 1/2 OTEOS AND MO	AD RESS: P.O. Box 343, Jano.	laternation Coal Co.	cement to 300' above
	2017-1282	Greenbel of May Man	producing horizon or to ream
3 2		ens (ens not) offisem sti-	Perf. Top of rule 15to;
Liners		Levisborg, W. Va. 24901	Perf. Top
			Perf. Bottom
or tract of land for oligant g	or ill upon the above named farm	of belt is entitled to	The understand well
APPROXIMATE FRESH WATER DEPTH	S 167,196,226,266,291,379 FEET	SALT WATER	nterest elt FEET enived
APPROXIMATE COAL DEPTHS 370-		to Columbia theace unto	Land unto Danutictures un
IS COAL BEING MINED IN THE AR		BY WHOM?	on delobase at
	DOPIN SECTION REPORTED TO	11190	LIZV WBD - COXX
TO DRILL:	EFORE JUNE 5, 10692	WELL DESCRIPTION OR FLED	
SUBMIT FIVE (5) COPIES O	F OC - 1 \$100 OO DEDMIT FEE DE	DEODMANCE BOND AND PERMAN	VENT COPY OF PLAT
TO DRILL DEEPER OR REDRILL:	vive lend besides in a runnismo t	propered by a registered	
	F OG - 1, SHOWING ORIGINAL PERMI		
TO 1020 A DEDMANENT COD	Y OF THE PLAT AND THE OPICINAL W	FIL RECORD MUST ALSO BE	SUBMITTED
TO FRACTURE - STIMULATE:	received by orafiled with the		
	UNALLY POLLIED REFORE HINE E 10	20 FIVE (5) CODIES OC -	1 PEDEODMANICE BOND PERMANENT
	INALLY DRILLED BEFORE JUNE 5, 19 ORIGINAL WELL RECORD.		
	INALLY DRILLED ON AND/OR AFTER J		and the cold ones and the
PERMIT NUMBER, AND PERFO	DMANCE BOND	ONE 3, 1929, 1112 OOI 123	of the street of
	very Truly yours,		
Required forms must be f	filed within ninety (90) days of		
twenty-four (24) hours	n advance. (enem ngill)		
und I dinha	All was		
	<del></del>		
			-interior to the interior
	st be completed by the coal opera	ator if the permit is to	be issued within ten days of
receipt thereof.			
WALVER I the understand /	Agent for a themtaged out ye bou	Coal Company Owner	or Operator of the coal under
this lease have exam	nined and place on our mine maps	this proposed well locat	ion. The good of the state of t
nem noed even and looked on the	it its glove to calling the	operator a permit reci	Low of our individend
Land the well operator author	Coal Company	have no chiections to sa	id well being drilled at this
we the	operator has complied with all r	rules and regulations in	Articles 4. 5. and 7. Chapter
22 of the West Virg		2.55 2.14 i ogular 10115 111	03/15/2024
ESC THEFT LINE			
	eachts as set forth in out the specified requirements."	the rectagation require	"I have rood and understan Chapter 22. Article 4. Sec
	As required trade to the sense of the	A to the second of the second	For Coal Company
			The same of the sa
			0///

#### WELL SITE PLAN

Legend: Property Boundary

Road = = = = Spring Spring Spring Wet Spot Wet Spot Wet Spot Stream Drain Pipe Drain Pipe Waterway

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

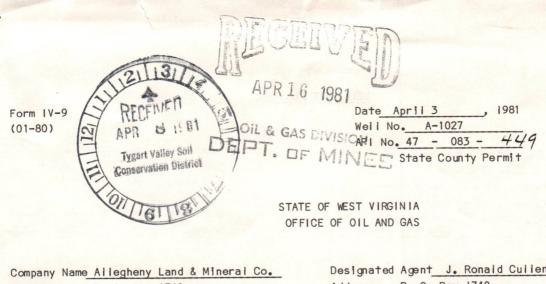


COMMENTS: Slope of access road 3% -- Cuts to be on a 2:1 slope or less -- Access road subject to change by company or landowner -- All ditches and culverts will be maintained after construction is completed -- Reclamation to be performed by Halls Reclamation, Inc.

Signature: P. O. Box 1740, Clarksburg, W. Va. 623-6671

Agent Address Phone Number 03/15/2024

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



	OFFICE OF OIL AND GAS
Company Name Allegheny Land & Mineral Co.	Designated Agent J. Ronald Cullen
Address P. O. Box 1740	Address P. O. Box 1740
Clarksburg, West Virginia	Clarksburg, West Virginia
Telephone 623-6671	Telephone 623-6671
andowner Westvaco	Soil Cons. District Tygart Valley
Revegetation to be carried out by <u>Halls</u>	Reclamation, Inc. (Agent)
Tan	ale Valley son All corrections
This plan has been reveiwed by $TygA$	RFS VALLEY SCD. All corrections #4/13/81 Junior Hedrich van
and additions become a part of this plan.	(Date) (SCD Agent)
	(Date) / (SOD Agent) / (
ACCESS ROAD	LOCATION
7100200 110110	
Structure Drainage Ditch (	A) Structure <u>Drainage Ditch</u> (1)
Spacing Earthen	Material Earthen
Page Ref. Manual 1-10	Page Ref. Manual 1-10
Structure Culverts (	B) Structure Rip-Rap (2)
Spacing 12" Min. I. D.	Material Rock
Page Ref. Manual <u>1-8</u>	Page Ref. Manual N/A
	CO Structure(3)
Structure(	
Spacing Page Ref. Manual	Material Page Ref. Manual
begins.	REVEGETATION
	THE TENTH OF THE T
TREATMENT AREA I	TREATMENT AREA II
. 2	2
Lime 2.5 Tons/acre	Lime Tons/acre
or correct to pH 6.5	or correct to pH 6.5
Fertilizer 600 lbs/acre	Fertilizer 600 ibs/acre
Fertilizer 600   ibs/acre (10-20-20 or equivalent)	(10-20-20 or equivalent)
(10-20-20 or equivalent)	(10 20 20 01 04 01 010 11
Mulch Straw 2 lbs/acre	Mulch Straw 2 lbs/acre
Seed* Kentucky 31 Fescue 40 lbs/acre	Seed* Kentucky 31 Fescue 40 i bs/acre
Birdsfoot Trefoil 10 lbs/acre	Birdsfoot Trefoil 10 lbs/acre
Domestic Rye Grass 10 lbs/acre	Domestic Rye Grass 10 lbs/acre
*Inoculate all legumes such as vetch, trefo	oil and clovers with the proper bacterium. Inoculate
with 3X recommended amount.	
	AT ANY ON ANY ON A STATE OF THE PARTY OF THE
	pographic map. Quadrangle Ellamore 7.5'
Attach or photocopy section of involved To	oving hope satisfying the state of the state
The local section of the contraction of the contrac	and by company or landsomer - All Streets and cultyon
Legend: Well Site	ande by company or loadramar All Titeles and culver orelated Paclamatics to be nerformed by Halls Ruclus
The local section of the contraction of the contrac	and by company or load wher - All Mitches and culver organized - Meclamatics to be nerformed by Halls Rucky limiture:
Legend: Well Site	and an company or lagerwhat All artens had culver and an artens had culver and an artens had culver and an artens had been a section as a section of the
Legend: Well Site Access Road	BM 2414 03/15/20

A-471

2

Oil Well

A-1027

Strip Mine

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

April 8, 1981

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

Re: Allegheny Land & Mineral Co.
No. A 1027 McMullan (Goff Arnold)
Roaring Creek District
Randolph County, West Virginia



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.
- 3. Allegheny Land & Mineral Company 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. AMAX Coal Company would like permission to run logs on the coal section of this hole and would bear the logging costs and rig time costs for such service.

Page Two April 8, 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; Allegheny Land and Mineral

David A. Darko

APRIS 1981

DEPT. DE MINES

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

Representative of Allegheny Land and Mineral

(Date)

Formation Color Hard or S	oft   Top Feet	Bottom Feet	   Oil, Gas or Water	*Remarks
Sand & Shale Elk Sand & Shale	3920 5110 5160	5110 5160 5270		· · · · · · · · · · · · · · · · · · ·
Elk Sand & Shale	5270 5290	5290 5509 T <sub>•</sub> D <sub>•</sub>		
sheriy XXX 011 Abba abba XXX	50			drangle Sitamore 7.51
acyc II ng Conba rtin Placed Storinge (spass)	da .			11 10. 47-085-0419
/ell was Fractured by Halliburt	on August 6. 198			
Perforations: 3858' - 38	64' 16 holes 29' 6 holes	tus gnlee	.03	enny Allegheny Landez Heora cas F. O. Doy 1749, Clarksu
5052 50	16' 4 holes		Acr ns 2, 339	Method Linn
	28' 6 holes 274' 6 holes	100	19/95 - 10/	thism (water) Proclash
	181	3-15	dglobnus yda	
	1001 1100			inotronings/1/2 S.a0.2 ero
			evade es m	
W/C1: -ks- 1700!	1881 1881	1/2	1001	Time and the second of the Second
			lated	
		Lord storil	select the dec	.1 production 1237) du.ft. Lagre 2 are before
	ceaseling record	he yeen don't		: Tig too dawn beam I
				son Sand treated w/505 dal 1
(1)	115 85 309 20/4	0 219 July 1	to the later of	Same fronted (/500 and 157) X End I'B Come second d v/30
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		and the contract of the grown of the contract of the state of the contract of		
		The state of the s		
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	2 Us morta Ps	025		
		421	120	
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	0 180 2 0 0	1439	23.1	
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	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1684 1771	1004	Injun Sang / Sacts
	Remarks a c	1	2187	Flond Sonsa
3007.	25 15GE 11 11	1683	2182	03/15/2024

Date: August 20

APPROVED

Vice President Oil & Gas Productions

Owner and the same



### RECEIVED

AUG 2 1 1981

#### OIL AND GAS DIVISION

## STATE OF WEST VIRGINIA DEPARTMENT OF MINES

# OIL and GAS DIVISION WELL RECORD

Quadrangle Ellamore 7.51	
Permit No. 47-083-0449	

Rotary XXX	011
Cable	Gas XXX
Recycling	Comb.
MaterFlood	Storage
Disposal	
and the second s	(Kind)

Company Allegheny Land & Mineral Co. Address P. O. Box 1740, Clarksburg, W.Va. 26301				Cement fill up Cu. ft. (Sks.)
Farm McMullan Acres 2,539		and and		17.2
Location (water) Flatbush Fork  Well No. A-1027 Elev. 2676¹  District Roaring Creek County Randolph	Size 20-16 Cond. 11 3/4"	12'	0'	- 134
The surface is owned in fee by Harry McMullan	13-10"			j
et al	9 5/8			
Address P.O. Box 8, Washington, N.C.	8 5/8	1061'	10611	w/260 sks.to surface
Mineral rights are owned by same as above	7			
Address	5 1/2			
Drilling Commenced July 23, 1981	4 1/2	54531	54531	w/610 sks. 1700'
Drilling Completed July 31, 1981	3			
Initial open flow 58,900 cu.ft. bbls.	2			
Final production 1237M cu.ft.per day bbls. Well open 2 hrs before test 1200# RP.	Liners Used			I
Well treatment details: Benson Sand treated w/500 gal 15% HCL total flu	Attach copy o		0	
Elk Sand treated w/500 gal 15% HCL total fluid				16
2nd & 3rd Elk Sand treated w/500 gal 15% HCL to	otal fluid 810	bbls 60,	000# 20/40	)
				34,50
Coal was encountered at 421-424, 826-829	eet		Inches	3
Fresh water 97' & 650' Feet		Sa	It water	Feet
Producing Sand Benson, 1st Elk and 2nd Elk			Dep th	1,0

Formation Color Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water *Remarks
Sand	0	325	1/2" stream H <sub>2</sub> 0 @ 97'
Sand & Shale	325	421	" " "650"
Coal	421	424	
Sand & Shale	424	826	Gas ck. @ 1357' No show
Coal	826	829	" " 1448' " "
Sand & Shale	829	1364	" " 1637! " "
L. Lime	1364	1383	" " 1700' " "
Sand & Shale	1 383	1439	" " 21681 " "
B. Lime	1439	1625	" " " 2231 " "
RR. Sand & Shale	1625	1630	" " " 22941 " "
B. Injun	1630	1684	" " 2576' 38,755CF
RR Sand & Shale	1684	2167	" " " 3578' 31,900CF
4th Sand	2167	2185	" " 3890' 31,900CF
Sand & Shale	2 185	2237	" " 3953 58,900CF 03/15/2024
5th Sand	2237	2283	" " 4640' 38,755CF
Sand & Shale	2283	2470	" " 4918' 38,755CF
Speechley	2470	2500	" " 5041' 51,900CF
Sand & Shale	2500	3720	" " 5164' 51,900CF
Riley Sand	3720	3760	" " 5320' 62,000CF
Sand & Shale	3760	3870	" " 5446' 62,000CF
Benson	3870	3920	" " " 5509' 58,900CF T.D.

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



## INSPECTOR'S WELL REPORT OIL & GAS DIVISION DEPT. OF MINES

Permit No. 083 - 0 449 Oil or Gas Well CAS CASING AND USED IN Left in PACKERS Well Size Kind of Packer Size of District ROARING CREEK County RANDOIPH 81/4-65/4\_ Depth set\_\_\_\_ Drilling commenced\_\_\_\_ 5 3/16\_ Drilling completed\_\_\_\_\_Total depth\_ Perf. top\_\_\_\_ Date shot\_\_\_ \_\_\_\_\_Depth of shot\_ Perf. bottom Liners Used Perf. top\_\_\_ Initial open flow\_\_\_\_\_\_/10ths Water in\_\_\_\_Inch Perf. bottom\_ Open flow after tubing\_\_\_\_\_/10ths Merc. in\_\_\_\_Inch Volume\_ \_Cu. Ft. CASING CEMENTED\_\_\_\_ \_\_SIZE\_\_\_\_\_No. FT.\_\_\_\_Date NAME OF SERVICE COMPANY Rock pressure\_\_\_\_ lbs. hrs. Oil \_bbls., 1st 24 hrs. COAL WAS ENCOUNTERED AT\_\_\_\_\_FEET\_\_ \_INCHES Fresh water\_ feet FEET\_ \_INCHES\_\_\_ FEET\_ INCHES Salt water\_ FEET\_ INCHES FEET\_ \_INCHES Move Ric SPUD Remarks:

7-23-8/

Robert Ste 03/15/2024

DISTRICT WELL INSPECTOR

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

#### INSPECTOR'S PLUGGING REPORT

				We	No				
OMPANY		ADDRESS							
ARM		DISTRICT_		COUNTY					
illing Material Used					S BY	ic de			
iner Loca	tion	Amount	Packer	Location		10.30			
PLUGS USED AN	D DEPTH PLACED		BRIDGES	CASIN	G AND TL	BING			
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOS			
					÷c.				
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5.1304.3144			Star Committee and Committee of the Comm						
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			95 th gall 4890						
						0.6 5 0.4 - 2.4 0			
llers' Names									
marks:			Service and the service and th						
					1				

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

DATE

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



NOV 1 8 1982

#### INSPECTOR'S WELL REPORT

OIL AND GAS DIVISION WYDEPARTMENT OF MINES

Permit No. 083-0449		Oil or Gas Well GAS				
Company Alle 6 Hevy LAND	Aniv	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKE	ERS
Address C/ARKSBU		Size				
Farm NevA Me mulle.	V	16			Kind of Pack	er
Well No. A-1027		10			Size of	10 de 10
District KOARING CReek County		81/4				
Drilling commenced 5-5-	8/	5 3/16		-	Depth set	
Drilling completedTotal o	depth				Perf. top	
Date shotDepth of s	hot	2			Perf. bottom.	1
Initial open flow/10ths V	Vater inInch	Liners Used			Perf. top Perf. bottom.	
Open flow after tubing/10ths M	Ierc. inInch				Terr. Bottom.	1
Volume	Cu. Ft.	CASING CEME			No. FT	Date
Rock pressurelbs	hrs.	NAME OF SER	RVICE COMPA	NY		£ .
Oil	_bbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	_FEET	_INCHES
Fresh waterfeet	feet	FEET_	INCH	ES	FEET	_INCHES
Salt water feet	feet	FEET_	INCH	ES	_FEET	_INCHES

Drillers' Names.

O.K. To Release

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

#### INSPECTOR'S PLUGGING REPORT

Permit No.					Wei	II No	
COMPANY				ADDRESS			
FARM	DISTRICTCOUNTY						
Filling Material Us							
Liner	Loca	ation	Amount	Packer	Location		
PLUGS	USED A	ND DEPTH PLACED		BRIDGES	CASING AND TUBIN		
CEMENT-THICKN	Ess.	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOST
	4		-				
	6						,
	1						1
	-						
rillers' Names							
emarks:	5						
marks;							
					A Comment		
	Ţ	hereby certify I vi	sited the above	wall as this date			

03/15/2024



# State of Mest Birginia Department of Mines Gil and Gas Division Charleston 25305

#### WALTER N. MILLER DIRECTOR

January 6, 1983

Allegheny Land & Mineral Company P. O. Box 1740 Clarksburg, W. Va. 26301

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 NUMBER	DISTRICT
UPS-2428		Alice B. & Delmar Light, #A-1124	Washington
RAN-0378 RAN-0385 RAN-0404		Dorothy Lewis, #A-968 Caplinger (Amax), #A-971 Neva McMullan, #A-946	Roaring Creek Roaring Creek Middle Fork
RAN-0408 RAN-0413 RAN-0449 RAN-0459	N.	Ernest Hutton, #A-985 Neva McMullan, #A-976 McMullan (Golf Arnold), #A-1027 Rebecca Arnold, #A-1021	Middle Fork Middle Fork Roaring Creek Middle Fork
RAN-0532 RAN-0535 RAN-0572 RAN-0586 RAN-0592		Agnes Poling Perry, #A-1028 Harry McMullan, Jr./Westvaco, #A-1097 Goff-Arnold/Neva McMullan, #A-1144 John Ward, et al, #A-1051 Norman Denver Hanifan, #A-1126	Middle Fork Middle Fork Roaring Creek Roaring Creek 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.....

Very truly yours,

Theodore M. Streit

	A-1027		
	FERC-121 AUG	3 5 1981	
1.0 API well number: (If not available, leave blank. 14 digits.)	47 -083 - 0449 OIL & GA	S DIVISION	
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 Section of NGPA Category Code	F MINES	
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Allegheny Land & Mineral Co.  Name P.O. Drawer 1740  Street Clarksburg, W W.Va. 26301 City State Zip Code	000333 Seller Code	
<ul><li>5.0 Location of this well: [Complete (a) or (b).]</li><li>(a) For onshore wells         (35 letters maximum for field name.)</li></ul>	Roams Creek District Field Name W.Va. County State		
(b) For OCS wells:	N/A  Area Name  Block Number  Date of Lease:  Mo. Day Yr.  OCS Lease Number		
(c) Name and identification number of this well: (35 letters and digits maximum.)	A - /027		
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	Benson - 1st Elk + 2nd Elk		
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 Corp. 004030 Name Buyer Code		
(b) Date of the contract:	Mo. Day Yr.		
(c) Estimated annual production:	Not in line! 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.)	2.488 0.248 0.248	2.984	
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	2.488 0.248 0.248	2.984	
9.0 Person responsible for this application:  Agency Use Only  Date Received by Juris. Agency  AUG 25 1981  Date Received by FERC	Daniel L. Wheeler Vice-Press  Name  Signature  8-24-81  Date Application is Completed  Phone Number	Land Dept.	

4.000

FT7900806/2-2

PARTICIPANTS: DATE: DEU 1981	BUYER-SELLER COL
WELT OPERATOR: Allegheny Land + Mineral Co.	
FIRST PURCHASER: Columbia Gas Trans. Corp.	004030
OTHER:	_001050
W. Va. Department of Mines, Oil & Gas Division WELL DETERMINATION FILE NUMBER  8 - 09-25 - 103 - 043 = 0449  Alexandra BIP colones	130
Use Above File Number on all Communications Relating to Determination of this Well  Zukalifies  Jak	Juggey
CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING	
1. FERC -121 Items not completed - Line No	
2. IV-1 Agent James B. Gehr	
3. IV-2 Well Permit	
4. IV-6 Well Plat	
5. IV-35 Well Record	
Deepening Deepening	3
6. IV-36 Gas-Oil Test: Gas Only Was Oil Produced?	Ratio
7. IV-39 Annual Production years	
Days off line:	
9. IV-48 Application for certification. Complete?	
10-17. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? Aff	idavit Signed
18-28. Other: Survey Logs Geological Charts  Structure Map 1. 4000 M	
Structure Map 1: 4000 Map Well Tabu	ılations
Date commenced: 1-23-81 Date completed 7-31-8 Deepene	ed —
(5) Production Depth: 3858-5037, 5114-28, 5269-74	
(5) Production Formation: Benson, Ist EIK, 2nd EIK	
(5) Final Open Flow: 1237 MCF	
(5) After Frac. R. P. 1200# 2 hrs.	24
(6) Other Gas Test:	
(7) Avg. Daily Gas from Annual Production:	Acres 1
(8) Avg. Daily Gas from 90-day ending w/1-120 days	
(8) Line Pressure:	
(5) Oil Production: — From Completion Report	from Daily Repor
17. Boes lease inventory indicate enhanced recovery being	
O=17. Is affidavit signed? Notarized?	
Des official well record with the Department confirm the submitted information	03/15/2024
ditional information Does computer program confirm?	yes
S Determination Objected to By Whom?	
3	

	20		/
		Cate	8/24 . 19 8/
	STATE OF WEST VIRGINIA	Operator's	4-1127
DEPARTME	ENT OF MINES, OIL AND CAS DIVISION	Well No	11 1001
	mil An Go	No. 47	183 - 0449
	WELL CLASSIFICATION ACTION	State State	County Permit
	NEW ONSHOPE PRODUCTION WED		
	NGPA Section 103	2	

DESIGNATED AGENT Allegheny Land & Mineral Co.

ADDRESS P.O. Drawer 1740

Clarksburg, W. Va. 26301

WELL OPERATOR Allegheny Land & Mineral Co.

ADDRESS P.O. Drawer 1740

Clarksburg, W. Va. 26301

Clarksburg, W. Va. 26301

Dist Rossing Less ounts Andolph Quad Ellowse 7.5

ADDRESS 1700 MacCorkle Ave. S.E.

Charleston, W. Va. 25314

Date of Contract

Date of Contract

ADDRESS P.O. Drawer 1740

Clarksburg, W. Va. 26301

Dist Rossing Less ounts Andolph Quad Ellowse 7.5

Meter Chart Code

Date of Contract

Date of Con

Date surface drilling was begun: 7-23-81

Indicate the bottom hole pressure of the well and explain how this was calculated:

Rock Pressure was \_\_\_\_\_\_\_\_PSIG at the surface.

AFFIDAVIT

James B. Gehr, 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 was 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.

President

(James)

Allegheny Land & Mineral Co.

STATE OF WEST VIRGINIA.

COUNTY OF Harrison TO WIT

I, Ethel Marie Crowley Motary Public in and for the state and count; aforesaid, do certify that James B. Gehr, whose name is signed to the writing above, bearing date the 24th day of August, 1981, has acknowledged the same before me, in my count; aforesaid Given under my hand and official seal this 24th day of August, 1981.

My term of office expires on the 20th day of December 1, 1989.

[NOTARIAL SEAL]

Ethel Marie Crowley

Ethel Marie Crowley

WASIE OF ARY

03/15/2024