

DEPARTMENT OF MINES

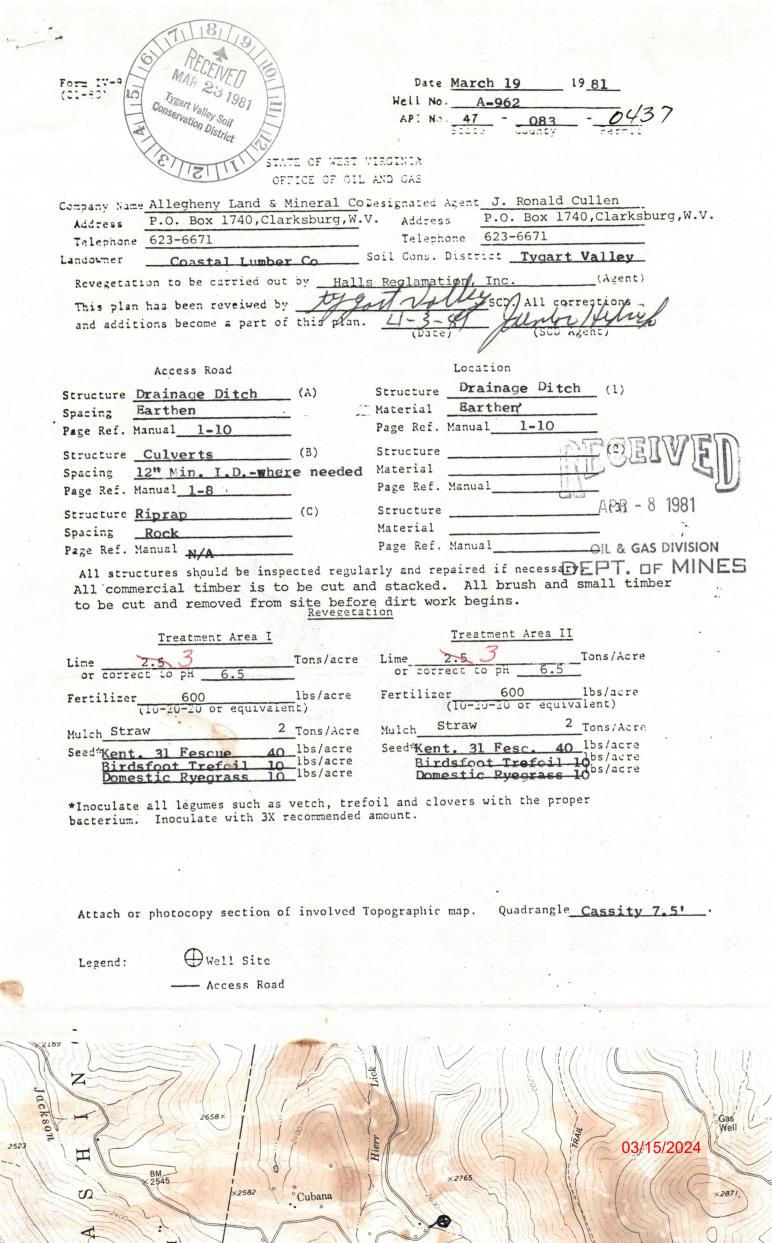
OIL and GAS DIVISION

Ortomore is a surround of the OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,		OPOSED GEOLOGICAL FORMATION
Charleston, W. Va.	DATE February 16, 1981	
WATER FLOOR		ND MINERAL COMPANY
Surface Owner Costal Lumber Company, Inc.	Company P. O. Drawer 1740	
Address Daily, West Virginia 26259		Virginia 26301
Mineral Owner Same as above	Farm Costal Lumber Comp	pany Acreage 50
Address	Location (waters) Hier	Lick Run
Coal Owner Same as above	Well No. A-962	Elevation 2506'
Address	District Middle Fork	County Randolph
Coal Operator	Quandrangle Cassity	7.51
Address IS PERMIT MUST BE POSTED AT THE WELL SITE	7001	3/5
provisions being in accordance with Chapter 22, the W. Va. Code, the location is hereby approved	0.000	2)
drilling . This permit shall expire if TO BE	CTOR Robert S. Stewart NOTIFIED P. 0. Box 345	
or drilling this period state of the second st		rginia 26378
perations have not commenced by 12-8-87		19
the state of the s	884-7782	
Deputy Director - Oil & Gas Division		
GENTLEMEN:		150-15 SHITHIN ISON TRANSPOOR
		CATE THE COME OF THE
The undersigned well operator is entitled to drill u		
having fee title thereto, (or as the case my be) under g		
Lumber Company, Inc. made to Allegheny Land & M		17th day of November
1972 , in Randolph County, Book 280		s is letyo in gasen allon
	THE PROPERTY OF THE PROPERTY O	FRACTURE OR STIMULATE
그는 그렇게 하는 것은 그것 같습니다. 이번 그리면 하셨다면요?		
The enclosed plat was prepared by a registered engine operators have been notified as of the above date.		OIL VIOZON OVE METT OUTBILLY
The above named coal owners and/or operator are herel required to make by Section 3 of the Code, must be received (10) days.*	ved by, or filed with the Dep	n they wish to make, or are artment of Mines within ten
Conies of this notice and the enclosed plat were mail		
Copies of this notice and the enclosed plat were mail operators or coal owners at their above shown respective	address da	volided to the above named coal
own the same day with the mailing or delivery of this cop	by to the Department of Mines	at Charleston, West Virginia.
	Vanua danulu	
	Very truly yours,	
PLEASE SUBMIT COPIES OF ALL		
GEOPHYSICAL LOGS DIRECTLY TO:	(Sign Name) ALLEGHENY LAND	O AND MINERAL COMBANY
to symb mot minitik bomes! od ot si lismes ent ti art	sago lace off BY: // //	il to Man long and
Address		toles thereof.
OFFICE OF OIL AND GAS 1615 Washington Street, East Well Operat	Daniel L. When	
Told Washington Street, East Charleston, West Virginia	ror Vice President P. O. Box 1740	
Area Code 304 348-3092 348-3096		est Virginia 26301
	•	
*SECTION 3If no objections are filed or found by	the Department of mines with	ain said ported of ten days
from the receipt of notice and plat by the department of	mines, to said proposed locat	ion, the department shall
forthwith issue to the well operator a permit reciting th	e filing of such plat, that n	no objections have 156/2024e by
the coal operators or found thereto by the department and	that the same is approved ar	nd the well operator authorized
to proceed.		
For Cost Company		
		5- 0437 PERMIT NUMBER
"I have read and understand the reclamation requirements		
Chapter 22, Article 4, Section 12-b and will carry out th	e specified requirements."	
Signed by Alphiol & Amondon		

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	own)	RESPONSIBLE AGENT:	
NAME: Union Drilling Com	npany	NAME: Allegheny	Land and Mineral Company
ADDRESS: P. O. Drawer 40		ADDRESS: P. O. Drawe	er 1740
Buckhannon, West V	/irginia 26201	Clarksburg	, West Virginia 26301
TELEPHONE: 304-472-4610		Telephone: 304-623-66	71
ESTIMATED DEPTH OF COMPLETED	WELL: 5300'	ROTARY XXX	CABLE TOOLS
PROPOSED GEOLOGICAL FORMATION	١		O THE DEPARTMENT OF NIMES.
TYPE OF WELL: OIL	GAS XXX	BSTORAGE	DISPOSAL TEND
YHARAD DARRAHY	RECYCL I NG	WATER FLOOD	OTHER
TENTATIVE CASING PROGRAM:	Consumy P. O. Denwer 1749 Address Clarksburg, Jost Mira		urface Owner Gestal Lumber Compa- dress Daily, West Virginia
Oc opsomb	Farm Costal Lumber Cospeny		ingra! Owner Same as abovo
CASING AND TUBING	USED FOR HOLLES	LEFT IN	CEMENT FILL UP
SIZE	DRILLING	WELL 201	OR SACKS - CUBIC FT.
20 - 16	201 - Ointell	201	Cement to surface
9 - 5/8	Quandrangle Cassity 7,51		net Operator
8 - 5/8	700'	700'	cement to surface
7			
5 1/2			
4 1/2	5300'	53001	cement to 300' above producing horizon
3	7500		Perf. Top
2 Liners	11F480 P. C. Box 545	ON 39-01 " Burchio lichia 1	Perf. Bottom Perf. Top
Lillers	NITTY TROP WELL BRID.		Perf. Bottom
	321, 331-337, 377-381 REA? <u>No</u>		
			tes to) , ctaro t eltit en prive
SUBMIT FIVE (5) COPIES	OF OG - 1, \$100.00 PERMIT FEE,	PERFORMANCE BOND AND PERM	ANENT COPY OF PLAT. Vacanco nedau
TO DRILL DEEPER OR REDRILL:			
SUBMIT FIVE (5) COPIES TO 1929, A PERMANENT CO		MIT NUMBER AND PERFORMANC	E BOND. ON WELLS DRILLED PRIOR SUBMITTED.
TO FRACTURE - STIMULATE:			The enclosed plat was prepared
OIL AND/OR GAS WELL ORI BOND, PERMANENT PLAT AN	GINALLY DRILLED BEFORE JUNE 5, D ORIGINAL WELL RECORD.	1929, FIVE (5) COPIES OG	- 1, PERFORMANCE BOND, PERMANENT
OIL AND/OR GAS WELL ORI PERMIT NUMBER, AND PERF	GINALLY DRILLED ON AND/OR AFTER ORMANCE BOND.	R JUNE 5, 1929, FIVE COPIE	S OG - 1, SHOWING ORIGINAL
leep homeo evode unt of la	by registered mail, or deliver	enclosed plat were mailed	Copies of this notice and the
Required forms must be	in advance	voor aidt to voorifel a	ease.+ Inspector to be notified
Twenty-four (24) hours			
	Ver truly yours,		
			FASE SURNIT COPIES OF ACL OPHYSICAL LOSS DIRECTLY TO:
The following waiver mu receipt thereof.	st be completed by the coal ope	erator if the permit is to	be issued within ten days of
	Cantol L. Wheeler		
WAIVER: I the undersigned,	Agent for and solv	Coal Company, Owner	er or Operator of the coal under
this lease have exa	mined and place on our mine map	os this p <mark>roposed well loc</mark> a	arleston, West, Virginia .noite ea Code 204 348-3092 348-2006
We the	Coal Compa	ny have no objections to s	said well being drilled at this Articles 4, 5, and 7, Chapter
	inia Code.		
		by the department and the	o coal operators on found therete
			For Coal Company
			For Coal Company
		castion requirements as	have coad and understand the rec



Legend: Property Boundry Road = = = =

Existing Fence ----Planned Fence -/-/-

Stream ... Open Ditch _____

andraga. -

Diversion **** Spring O-Wet Spot Building [Drain Pipe --0-Waterway (=

.. 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.

PROPOSED

Comments: Slope of access road 2% -- 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.

Quaed Celler P.O. Box 1740, Clarksburg, W.Va. Signatur

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

	-		to the contract of the contrac
			17-0
Formation Colon Hand on Coff	Top Feet	Bottom Feet	Oil, Gas or Water *Remarks
Formation Color Hard or Soft	Гор геет	BOTTOM Feet	Off, Gas of Water Mindian Ks
Sand & Shale	1151	1162	Gas ck @ 5003' 8,870 CF
	1162	1560	
Big Injun	1560	1650	
Santz			
Gordon	1650	1790	
th Sand	1790	1857	
5th Sand	1857	1988	10.5
Speechley	1988	2048	Quadrangle Cassify 7.51
Sand & Shale	2048	3450	
	3450	3490	75.80- 10-69 'CH 1465,
Sand & Shale	3490	3640	
Benson	3640	4690	
Sand & Shale	4690	4775	
Elk	4775	4790	
	4790	5003 TD	The second secon
Shale	bor on Lein	3003 18	Campagay Aillo, bong Land & Tisorial Cos
	Tuel or	10800 .av.	Address P. C. Pox 1740, Cherkelours,
		Or serr	Farm Costal Lumber Commany
	0.51	The second secon	Location (water) list Lic Number
	1214	2 1 2 2 v v 2	to the second of
man and a second	NAME OF THE OWNER		Herrich Middle Forlk County
Well was Fractured June 2, 1981 by		dglernes	
Perforations: 1861-1865 6 hole	es	Loober Co	the surface is event in the help destra
1868-1872 5 hole	es		
1871-1875 5 hole	es		. Sedra w Dolly, West Vir lela 25259
3423-3428 16 hole		Tovods	es also yet leave en a high through
4919-4923 4 hole			e ao nhii A
4925-4931 8 hole		Λ.	1701 17 you hear-send - 1,11ml
4934–4937 4 hole			. Critian Completed No. 21, 1981
4934-4937 4 11016	1	C .ald .	. Ft. no 198,8 will not british
	iners Used	I aldd vr	Frontieus Con Control Sa Tori
		79 80	Mail non 2 has be consider
hacosa ariinonii. Ie	viiden ideal h		allietak tanahan da uta
2) 39m60 (m) nemoria 2/40 2/200	theb copy o 60,000 file 60,000	77 5 2015 flul: 1 780 661s + 860 651s †101	Half heat was details The Sent treated w/550 to 1 155 PCL Papers Send treated w/600 on 1 155 14
	60,000 2000 and 60,000	784 bbls t	Helf Prestruct details Str Sauf Prested w/SSO gal 15% PCL Pagese Sand fronted w/SOO on 15% PC
	60,000 2000 and 60,000	784 bbls t	Helf Prestruct details Str Sauf Prested w/SSO gal 15% PCL Pagese Sand fronted w/SOO on 15% PC
	00,000# 2 uid 60,000 60,000# 2	1 784 bbls ti	Papers Send treated w/Sto gal 154 PCL Repaire Send treated w/Sto gal 155 PCL Repaire Send treated w/Sto gal 155 PCL Repaire Send treated w/Sto gal 155 PCL
	60,000 2000 and 60,000	1 784 661s flat 866 64s flat 872, 370-274	will head was deadle. Str Send Treated w/500 gal 152 PCL Repare Sand Treated w/500 onl 155 HCL Til sand Treated w/500 gal 155 HCL Coul se encountered at 149-153, 53
	00,000# 2 uid 60,000 60,000# 2	1 784 bbls ti	will head was deadle. Str Sand Treated w/Sso gai 152 PCL Repare Sand Treated w/Sso gai 155 PCL Tir sand treated w/Sso gai 155 PCL Coul was encountered at 149-153, 53 Fresh water
	00,000# 2 uid 60,000 60,000# 2	1 784 661s flat 866 64s flat 872, 370-274	will head was deadle. Str Send Treated w/500 gal 152 PCL Repare Sand Treated w/500 onl 155 HCL Til sand Treated w/500 gal 155 HCL Coul se encountered at 149-153, 53
	00,000# 2 uid 60,000 60,000# 2	1 784 661s flat 866 64s flat 872, 370-274	will head was deadle. Str Sand Treated w/Sso gai 152 PCL Repare Sand Treated w/Sso gai 155 PCL Tir sand treated w/Sso gai 155 PCL Coul was encountered at 149-153, 53 Fresh water
	00,000# 2 uid 60,000 60,000# 2	1 784 661s flat 866 64s flat 872, 370-274	Half heatent datails. Str Conf Trested w/500 gat 15, PCL Repare Sand treated w/500 onl 155, LF Till sand treates w/500 onl 155 LPC Cost on encountered at 149-153, ST Errs: water Producing Sand Stb, Fenson & Clk
	00,000# 2 uid 60,000 60,000# 2	1 784 661s fi 866 64s flui 872, 370-274	will head was deadle. Str Sand Treated w/Sso gai 152 PCL Repare Sand Treated w/Sso gai 155 PCL Tir sand treated w/Sso gai 155 PCL Coul was encountered at 149-153, 53 Fresh water
2/40 2/40 2/40 3/40 3/41 sett	00,000# 2 wid 60,000 60,060# 2 Foot	788 661s file 866 64s file) -272, 573-574 Fest	will head wat details Str Conf Trosted w/500 gal 152 PCL Repare Sand treated w/500 onl 155 HC Tir sand treated w/500 gal 155 HCL Coul are encountered at 149-153, 53 From water Producing Sand 5th, Penson 2 FIK
	00,000# 2 uid 60,000 60,000# 2	788 661s file 866 64s file) -272, 573-574 Fest	Half heatent datails. Str Conf Trested w/500 gat 15, PCL Repare Sand treated w/500 onl 155, LF Till sand treates w/500 onl 155 LPC Cost on encountered at 149-153, ST Errs: water Producing Sand Stb, Fenson & Clk
2/40 2/40 2/40 3/40 3/41 siter	00,000# 2 wid 60,000 60,060# 2 Foot	788 661s file 866 64s file) -272, 573-574 Fest	will head wat details Str Conf Trosted w/500 gal 152 PCL Repare Sand treated w/500 onl 155 HC Tir sand treated w/500 gal 155 HCL Coul are encountered at 149-153, 53 From water Producing Sand 5th, Penson 2 FIK
2/40 2/40 2/40 3/40 3/41 siter	00,000# 2 wid 60,000 60,060# 2 Foot	788 661s file 866 64s file) -272, 573-574 Fest	will head wat details Str Conf Trosted w/500 gal 152 PCL Repare Sand treated w/500 onl 155 HC Tir sand treated w/500 gal 155 HCL Coul are encountered at 149-153, 53 From water Producing Sand 5th, Penson 2 FIK
2/40, 6 20/40 0/40 10/40	00,000# 2 wid 60,000 60,060# 2 Foot	788 661s file 866 64s file) -272, 573-574 Fest	Hell treatest datails. Str Conf Treated W/SWO and 15, PCL Repare Sand freatest W/SOU on 1 155, 14 The sand freatest w/SOU on 1 155 14 Cost or encountered at 149-153, 53 From Water Producing Sand Stb, Fonson 2 618 Cone tion Color Hard or Soft
2/40. 2/40. 2/40. 15 in since Salt salor 261, Cas or Later ' *samatks ' Sas ck C valt no show	00,000# 2 wid 60,000 60,060# 2 Foot	78% bbls fi 80% bils flui 80% 570-27% East Top Eeot	Hell treatment details. Str Conf Treated w/Sco and 15, 190. Repare Send treated w/Sco on 155, 14 The send treated w/Sco on 155, 14 Ond or encountered at 149-153, 33 From water Producing Send 5th, Denson & Elk Charlish Color Hard or Soft Clay Clay
2/40. 2/40. 2/40. 1-1-2 Salt short 2/40. 2/40. 1-1-2 Salt short 2/40. 3/40. 3/40. 3/40. 3/40. 4/40.	60,000 8 1 160 to 60 to	78% bbls fi 80% bils flui 80% 570-27% East Top Eeot	Hell heatens details Strict and treated w/500 gal 152 PCL Repare Sand treated w/500 onl 155 H The sand treated w/500 gal 157 PCL Coul or encountered at 149-153, 32 From water Producing and 5th, Penson 2 FIK Chay Clay Clay Clay Clay Clay Clay Clay Clay
7/40. 8 20/40. 1	00,000# 2 wid 60,000 60,000# 2 Foot	784 bbls fi 865 bbls flui 865 bbls flui -442 553-574 Fest 752 Eest	Hell heatens details Strong treated w/500 gat 152 PCL Repare Sand treated w/500 onl 155 H The sand treated w/500 gat 155 PCL Coul or encountered at 149-155, 52 Eres's water Producing Sand 5th, Reason 2 TIX Constitution Sand 5th Color Hard or fait Clay Clay Sand Sand
7/40 6 20/40 6 20/40 1	00,000# 2 wid 60,000 60,000# 2 Foot 23	788 001s to 886 hits flui. 886 hits flui.	Hell heatens details Strong Trosted w/500 gas 15, PCL Repare Sand treates w/500 cal 155 LF Cost as encountered at 149-155, ST Fresh water Producing Sand 5th, Ponson & Cik Constitution Color Hard or Suit
20/40. 20/40. 20/40. 1-1.0. 20/40.	00,000# 2	78% bbls fi 89% bbls flui 89% bbls flui 27% 550-57% Feet 70% Eeot 6	Hell heatent datails Str Carl Treated w/500 gal 15, PCL Repare Sand treated w/500 on 155 LH Cost and treated w/500 on 155 LH Cost as encountered at 149-153, 53 Fresh water Producing Sand 5th, Fenson 2 Clk Constitution Color Hard or Suft Sand Sand Sand
2/40. 2/40. 1-10. 2/40. 2/	60,000# 2	784 hbls fi 895 hbls flui 895 hbls flui 274 570-275 Feet 707 Feet 69 69	Hell heatent details Strong treated w/500 gal 15, PCL Repare Sand treated w/500 cal 155 LH Cost sand treated w/500 cal 155 LH Cost se encountered at 149-153, ST Fresh water Producing Sad Stb, Fenson & Clk Constitution Color Hard or wait Color Hard or wait Sad Sad Sad Sad
2/40. 2/40.	00,000# 2	788 001s f 101 806 bils f101 F03 f 573-574 F03 f 6 6 69 69 69	Hell treatest details Str Cont Treated W/SCO and 155 PCL Repare Send treated W/SCO and 155 PCL Cont send treates w/SCO and 155 PCL Cont send treates w/SCO and 155 PCL Fresh water Producing Sand Stb, Fenson 2 C18 Clay Clay Clay Sand
2/40. 2/	60,000# 2 60,000 60,000 60,000 60,000 60,000 60 60 60 60 60 60 60 60 60 60 60 60	788 001s f	Hell treatest datails. Str Conf Treated W/Sco and 155 PCL Repare Sand treated W/Sco on 155 LFC Conf send treates w/Sco on 155 PCL Conf send treates w/Sco on 155 PCL From water Producing Sand Stb, Fenson 2 Cl8 Chay Clay Clay Sand
2/400 2/400	00,000# 2	788 001s f	Hell treatest details Str Cont Treated W/SCO and 155 PCL Repare Send treated W/SCO and 155 PCL Cont send treates w/SCO and 155 PCL Cont send treates w/SCO and 155 PCL Fresh water Producing Sand Stb, Fenson 2 C18 Clay Clay Clay Sand
2410 20/40 Salt sator Salt sator Salt sator 10 10 10 10 10 10 10 10 10 10 10 10 10 1	60,000# 2 60,000 60,000 60,000 60,000 60,000 60 60 60 60 60 60 60 60 60 60 60 60	788 001s f	Hell treatest datails. Str Conf Treated W/Sco and 155 PCL Repare Sand treated W/Sco on 155 LFC Conf send treates w/Sco on 155 PCL Conf send treates w/Sco on 155 PCL From water Producing Sand Stb, Fenson 2 Cl8 Chay Clay Clay Sand
2/400 2/400	00,000# 2	788 001s f	Hill heat wat details Strong Sand treated w/500 gal 155 PCL Papers Sand treated w/500 gal 155 PCL Coul or encountered at 149-155, 55 Fresh water Producing Sand 5th, Feason 2 FTK Clay Clay Sand
7/40 6 20/40 10/40 5 3/40 5 3/40 5 3/40 5 3/40 5 3/40 5 3/40 5 3/40 5 3/40 5 3/40 5 3/40 5 3/40 5 3/40 6 3/40	00,000# 3	788 obls to 886 his flat flat flat flat flat flat flat flat	Hill heat wat datails Strong Sand treated w/500 gal 155 PCL Papers Sand treated w/500 gal 155 PCL Coul or encountered at 149-155, 55 From water Producing Sand 5th, Penson & FIR Clay Clay Sand
20/40 20/40 50	00,000# 2	788 001s f	Hill Read wat datails Strong Sand treated w/500 gal 155 PCL Papers Sand treated w/500 gal 155 PCL Coul or encountered at 149-155, 55 From water Producing Sand 5th, Penson & FIR Clay Clay Sand

Date:

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APPROVED

Owner

Vice President Oil & Gas Productions





and 110 | Testate OF WEST VIRGINIA 102 DEPARTMENT OF MINES

OIL & GAS DIVISION DEPT. OF MINES

OIL and GAS DIVISION

1	WELL	RECOR	D	Ro	tary XX 10011 11
Overdeepele Cossity 7 51		1857			ble Gas XX
Quadrangle Cassity 7.51	2048	8861			cycling Comb.
Parmi + No. 47-093-0437	3450	2043			terFlood Storage
Permit No. 47-083-0437					sposal
					(Kind)
		3640			Bonson
	- O24 A				
Company Allegheny Land & Mineral Co.		Casing and	Used in L	ef†	Cement fill up
Address P. O. Box 1740, Clarksburg,		Tubing		n Well	Cu. ft. (Sks.)
Farm Costal Lumber Company A		1451.119			
Location (water) Hier Lick Run	C1 03_30	Size			
	ev. 2506'	20-16			
District Middle Fork County		Cond.11 3/4	4361	4361	
The surface is owned in fee by Costa		13-10"	- (J. 100) 3	vine o ba	- Wall was Fractur
The surface is owned in fee by costs	T Lumber CO	9 5/8		1001	Purtonations
Address Daily West Virginia 26250	1/3	8 5/8	752 1	752 '	w/200 sks.to surface
Address Daily, West Virginia 26259 Mineral rights are owned by same as		7	oionic etore	100	W/200 51.0 0 0 0 1 1 0 0 0 0 1
Address	above	5 1/2	el-11-01-39 1-C-	CSPC	
		4 1/2	5012.71 50	12 711	w/590 sks. 3600'
	,	3	3012.71 30	12.071	W/ 330 SKS. 3000
Drilling Completed May 21, 1981	bbls		ptort + - CCCC-	Dec.	
Initial open flow 8,870 cu.ft.					
Final production 696M cu.ft.per of Well open 2 hrs before test	A CONTRACTOR OF THE PARTY OF TH	Lillers osed			
Well treatment details: 5th Sand treated w/500 gal 15% HCL Benson Sand treated w/500 gal 15% HCL Elk sand treated w/500 gal 15% HCL	CL 784 bbls	fluid 60,000	# 20/40		
	-				
	740 770 7	74 Feet		Inches	
Coal was encountered at 149-153, 338		74 Feet	+1e2	water	Feet
Fresh water	Feet			epth	1001
Producing Sand 5th, Benson & Elk				ър тп	
	-	-			
	T	Datta Fast	011 000 0	. Water	*Remarks
Formation Color Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or	water	"Kallar KS
Clay	0	6	Gas ck @ 920	o' no si	NOW
Swamp	6	9	" " 10	761 "	"
Shale	9	23	" " 120	01' 60 1	MCF
Sand	23	69	" " 160	04' 60 1	MCF
Shale	69	95	" " 182	21' 60 1	MCF
Sand	95	149	" " 19	15' 84	MCF
Coal	149	153	" " 20	10' 60	MCF
Sand	153	263	" " 21	04' 60	MCF
Sand & Shale	263	338	" " " 25	091 60	MCF
Coal	338	342	" " " 30	081 60	MCF
Sand	342	351	" " 32	90' 60	MCF
Mine Shaft	351	355	" " " 33	82 1 60	MCF

370

374

783

790

934

968

1003

1151

355

370

374

783

790

934

968

1003

Sand & Shale

Sand & Shale

Sand & Shale

Little Lime

Big Lime

Sand & Shale

Red Rock & Shale

Coal

" " 3476' 10,900 CF

" " 3570' 10,900 CF

" 4007' 10,900 CF

" 4500' 10,900 CF

" 4700' 10,900 CF

" 4850' 8.870 CF

" 4913' 8,870 CF

" 3789' 10,900 CF03/15/2024

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

Permit No. <u>083-043</u> /			Oil or	Gas Well	15
Company Alle 6 Her Y LAND & Min	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKE	RS
Address C/ARKSBURG	Size				
Farm COASTAL LUMBER	16			Kind of Pack	er
Well No. A-962	13				
District MIDDLE FORK County RANDOLPH	81/4			Size of	
Drilling commenced5-13-8/	65%			Depth set	
Drilling completedTotal depth	5 3/16				
Date shotDepth of shot	2			Perf. top Perf. bottom_	
nitial open flow/10ths Water inInch	Liners Used			Perf. top	
pen flow after tubing/10ths Merc. inInch				Perf. bottom_	
olumeCu. Ft.	CASING CEMEN	NTED	_SIZE	No. FT.	Das
ock pressurelbshrs.	NAME OF SER				
ilbbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	FEET	INCHE
resh waterfeetfeet					
alt waterfeetfeet	FEET_				
rillers' Names UNION RIG	-9				77000
				ELVE	Sign of the same o
Move RiG SR	2D		MAY	1 5 1981	Name of Street,
			OIL & DEPT.	gas division of MINE	

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No	No Well No					
COMPANY			ADDRESS			
FARM		DISTRICT.	CC	OUNTY		
Filling Material Used				and the second s		
Liner Loc	eation	Amount	Packer	Location	Africa & San	
PLUGS USED A	ND DEPTH PLACED		BRIDGES		G AND TO	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOST
					·	
100						
			~ '	* *		
	11					
				,		
Orillers' Names			1			
		34.89, 5.				
Remarks:		1778				
		No.				
						,
	I homely wentify I	winited the above	we wall on this data			
DATE	i nereby certify I	visited the abo	ve well on this date.			

5-16-81 BATE

OIL AND GAS WELLS DIVISION



INSPECTOR'S WELL REPORT. OF MINES

ermit Ne. 083-0437		Oil or Gas Well CAS
company Alle 6 Hery LAND & Min	CASING AND USED IN TUBING DRILLING	Left in PACKERS
	Size	
address C/ARKSBURG	16	Kind of Packer
COASTAL LUNBER	13	The second secon
Well No A-962	11/4 4	36 250SKS
District MIDDLE FORK COUNTY KANDOIPH	814	
Orilling commenced 5-13-8/	6 3/4	Der't set
	53/16	
Orilling completedTotal depth	The second secon	Perf 'p
Date shot Depth of shot	2	Perf bottom.
In:tial open flow/10ths Water inInch	Liners Used	Perf t p
Open flow after tubing/10ths Mcrc. in Inch		Par but m
Cu Ft	CASING CEMENTED 1134	SIZE 436 No FT Date
voltte	NAME OF SERVICE COMPAN	
Rock pressurehrshrs.		
Oilbbls., 1st 21 hrs.	COAL WAS ENCOUNTERED	AT35/ FEET 48 INCHES
Fresh waterfeetfeet	FEETINCHI	ESFEETINCHES
Salt waterfeetfeet	FEETINCH	ESFEFTINCHES
Drillers' Names UNION DRIG RiG	G	
Remarks: HIT OPEN MINE @ 351 HIT DEN MINE BOT	255 RUN 11	13/11 10 436
HIT PREN MINE @ 351	TON CENEUT	BASKET @ SID
Remarks: HIT OPEN MINE @ 351 CENENT BALANCE BOT FILL TO TOP WILL RUN	878 4 Cener	17 10 302111
- 14-81	Pol	Per & Stewart 51,
5-16-81	Jak	DIST-03/45/2024CTOR

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

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03/15/2024

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

	Permit	No.	083-0	437
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Oil or Gas Well 643

Company Alle 6 Hen	11 LAND 4	niv	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKI	ERS
Address C/AP	KS BURG	and a selection of the	Size				
Farm COASTA/	Lumber		16			Kind of Pack	er
Well No. A-9	62		13			Size of	
District MIDDE For	RK County RA	VDOIPH				5.20	
Drilling commenced	5-13-81		65/8	1		Depth set	
			5 3/16				
Drilling completed	Total depth_		3			Perf. top	
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	lbs	hrs.	NAME OF SER	VICE COMPA	ANY		
Oil	bbls	, 1st 24 hrs.	COAL WAS EN	COUNTERED) AT	FEET	_INCHES
Fresh water	feet	feet	FEET_	INCI	HES	_FEET	_INCHES
Salt water	feet	feet	FEET_	INCI	HES	FEET	_INCHES
Drillers' Names				Ji	RECE	IVED	
198						GENERAL CONTRACTOR	
Remarks:		,			APR 1	9 1982	-
Di Ki	To Re	len	se		OIL AND C	EAS DIVISION MENT OF MINES	

4-16-82

Robert Stemant 511

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

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CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOS
ů.						
					. 10 Salas	
illers' Names						
marks:						

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

DATE



State of Mest Airginia Bepartment of Mines Gil and Cas Livision Ohnelecton 25305

WALTER N. MILLER DERECTOR

May 24, 1982

Allegheny Land & Mineral Company P. O. Drawer 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 NO.	DISTRICT
RAN-0367	Rebecca A. Arnold, et al, #A-920	Middle Fork
RAN-0368	Neva McMullan, exec., #A-935	Middle Fork
RAN-0437	Coastal Lumber Co., #A-962	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

DICTRICT

FERC-121

1.0 API well number: (If not available, leave blank, 14 digits.)	47 -083 - 0437	· SION
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 N/A Section of NGPA Category Code	MINES
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	500 3 T.D. feet	
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	00333 Seller Code
 5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.) 	modelo Fuk District Field Name Kondalph 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 - 962	
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	_ 5th-Benson- 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. 0	04030 Buyer Code
(b) Date of the contract:	Mo. Day Yr.	
(c) Estimated annual production:	not in line! MMct.	
-		d) Total of (a), b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	2.476 0.247 0.247	2.9.70
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	2.426 0.247 0.247	2.970
9.0 Person responsible for this application: Agency Use Only Date Received by Juris, Agency JUL 20 1981 Date Received by FERC	Daniel L. Wheeler Vice-Pres.L. Name Name Name Title 7-17-8/ 304-623-6671	and Dept.
	Date Application is Completed Phone Number	

4800

FT7900306/2-2

PARTICIPANTS: DATE: AUG 24 1981	BUVED CRITED CODE
WELL OPERATOR: Allegheny Land + Mineral Co.	BUYER-SELLER CODE
FIRST PURCHASER: Columbia Cas Trans Corp.	000333
OTHER:	
OTHER.	
W. Va. Department of Mines, Oil & Gas Division WELL DETERMINATION FILE NUMBER 8 07 20 -103 -083 = 0437 Use Above File Number on all Communications Relating to Determination of this Well	In 3319
CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING	
ITEM NO.	
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 Drilling De	
6. IV-36 Gas-Oil Test: Gas Only Was Oil Produced?	Ratio
7. IV-39 Annual Production years	
8. IV-40 90 day Production Days off line:	
9. IV-48 Application for certification. Complete?	
10-17. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete?	
18-28. Other: Survey Logs Geological Charts	
Structure Map 1: 4000 Map We Gas Analyses	ell Tabulations
(5) Date commenced: $5 \cdot 13 - 91$ Date completed $5 \cdot 21 - 81$	Deepened
(5) Production Depth: 1861-75, 3423-28, 4919-37	
(5) Production Formation: 5th Benson, Elk	
(5) Final Open Flow: 696 MCF	
750 #	
(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:	PSIG from Daily Repor
(5) Oil Production: From Completion Report	
10-17. Does lease inventory indicate enhanced recovery being done	10
10-17. Is affidavit signed? Notarized?	
Does official well record with the Department confirm the submitted info	
Additional information Does computer program confirm?	70
Was Determination Objected to By Whom?	
	-

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

A-962 API Well No. 47 083 - 0437

State County Permit
WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL
NGPA Section 103
DESIGNATED AGENT Allegheny Land & Mineral Co.
ADDRESS P.O. Drawer 1740
Clarksburg, W. Va. 26301
WELL OPERATOR Allegheny Land & Mineralocation 2506'
ADDRESS P.O. Drawer 1740 Watershed Hier Lick Kun
Clarksburg, W. Va. 26301 Middle fork Count Randolph Quad Case ty
GAS PURCHASER Columbia Gas Transmission Corp.
ADDRES 1700 MacCorkle Ave. S.E. Contract No.
Charleston, W.Va. 25314 Date of Contract
Date of Contract /A
Date surface drilling was begun: 5 - /3-8/
Indicate the bottom hole pressure of the well and explain how this was calculated:
Rock Pressure wasPSIG 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.
Camin Stehn
President
Allegheny Land & Mineral Co.
COUNTY OF Harrison TO WIT
I, Ethel Marie Crowley Motary Public in and for the state and county aforesaid.
do certify that James B. Gehr, whose name is signed to the writing above, bearing date
to certify that damed b. dett., whose name is signed to the writing above, bearing date

[NOTARIAL SEAL]

the 17th day of

Ethel Marie Crowley

July

, 1987, has acknowledged the same before me, in my county aforesaid

03/15/2024



My term of office expires on the 20th day of December