39 Latitude -2 80 -3 Hughno Minimum Error of Closure ONE PART IN 200' Source of Elevation C.G. S.C. WELL 11564 ELEV. 877 New Location...... Drill Deeper..... "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and Abandonment...... belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia," Company ALLEGHENY LAND & MINERAL CO. STATE OF WEST VIRGINIA Address CLARKSBURG, W. VA. 26301 DEPARTMENT OF MINES OIL AND GAS DIVISION Farm W. BRENT MAXWELL CHARLESTON Tract \_\_\_\_\_ Acres 2400 Lease No.. WELL LOCATION MAP Serial No. A · 690 Weli (Farm) No .\_\_ 1023 Elevation (Spirit Level)\_\_\_\_ now: DODD - 2309 Quadrangle HOLBROOK + Denotes location of well on United States Topo-County DODDRIDGE graphic Maps, scale 1 to 62,500 latitude and longi-Engineer\_ tude lines being represented by border lines as shown. Engineer's Registration No. 530 4.4.5. - Denotes one inch spaces on border line of original \_\_\_\_ Drawing No. 1 - 3/9 tracing. 47-017 AUG 5 Scale /" = 1000"

N22061 3111 Bers

STRAIGHT FX- BLUESTONE CK





# RECEIVED

#### OIL & GAS DIVISION DEFT. OF MINES

Rotary & Oil

## Oil and Gas Division

WELL RECORD

Quadrangle HOLBROOK				Cable Recycling_		
Demia No Dodo					d_ Storage	
Permit No. <u>DOD-2309</u>				Disposal		
47-017		in the symmetric to a thick down or a second models on a programme of the children (in case which continues the		*	(Kind)	
CompanAllegheny Land & Min Address Box 1740, Clarksburg Farm W.B. Maxwell	_W_26303	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)	)
Location (waters) South Fork -HU		Size 20-16		Terretorial and the state of th	enting about the transport of the second	
District Southwest County Do		Cond.			07 T	
The surface of tract is owned in fee by					A CONTRACTOR OF THE CONTRACTOR	
2007 Nichols Avenue		9 5/8				
Address Washington, D.C. 20 Muneral rights are gryped by B. Mewell Address Clarksburg,	020	8 5/8	4331	433	Gement to	surfac
Mineral rights are owned by The Union	n Nat.Bank,	No. of the contraction of the co		3		
Address Clarksburg	<b>W</b> T 26301	5 1/2				
Drilling Commenced December 3		4 1/2	23301	2330	28 88	16051
Drilling Completed <u>December 6</u>	1978	The second secon	The state of the s	The second secon	-	**** • • • • • • • • • • • • • • • • •
Initial open flowcu. ft	bbis.	19 Let				
Final productioncu. ft. per day	bbis.	Liners Used		***************************************		
Well openhrs. before test		Birks — A Branches is what take the property and the property of the PA Colors of American entry of the Palaches of the September of the Colors of the Palaches of the Colors of the Colors of American entry of the Palaches of the September of the Colors		termininte fatoriorista del 1 - 1 depondo de como de la compositione.  Transportariorista del 1 de compositios de la compositios de la compositios de la compositio della compositio de la compositio della compositi della compositio della compositio della compositio della composi		
Coal was encountered at	ROCK Pros.		Inches			
Producing Sand Weir			h _ 20115-5.	1541	i militari kara yiliga ayin 1000m ili ili bashiyisi miliyo daribili kara kara kiri ayilaa nagamaaga kas	7590 salahuduga
Formation Color Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or	Water '	* Remarks	- Anna Carlon -
Soil Sand & Shale Shale Red Rock Shale Red Rock	100 C C C C C C C C C C C C C C C C C C	10 436 532 545 588	Water @	1.37 1	hrecentration assumed an en eventación variant de evaluacións	·
Sand & Shale Red Rock	500 664 1048	1098 1098 1097	2	erforat	lons:	
Sand & Shale Sand	1062	1106	2047 -	20521	- 5 holes	
Sand & Shale Sand	12120	1212	2120 - 2128 -	21231	- 3 H	
Sand & Shale Sand	1224	1252	2145 -	21501	- 5 II	
Sand & Shale	1252	1268	3 . 0			
Lime	1268	1730 1800				
Injun Sand Sand & Shale Weir Sand	1870 1870 2042	1870 2042 2154				
Sand & Shale	2154	2350	endergy and			
tot	al depth		riller)			
	continued to the state of the s					Str. on series .

(over)

<sup>\*</sup> Indicates Electric Log tops in the remarks section.





oil a gas division T. Of Mines

#### Oil and Gas Division

### OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,	
Charleston, W. Vs.	July 13th, 1977
Aaron Schwartzman, M.D.	DATE Odly 15th, 1977
Surface Owner 2007 Nichols Avenue	Company Allegheny Land and Mineral Co.
Address Washington, D.C. 20020	Address P. O. Box 1740, Clarksburg, WV
Minaral Owner The Union National Bank	Farm W. Brent Maxwell Acres 2400
Atty. in Fact, W. Brent Address Maxwell Heirs	Location (waters) South Fork of Hughes River
Coal Owner Clarksburg, WVA 26301	Well No. A-690 Elevation 1023
Address Same	District Southwest County Doddridge
Coal Operator None	HOLBROOK
Address	0
THIS PERMIT MUST BE POSTED AT THE WELL SITE	
All provisions being in accordance with Chapter 22,	
of the W. Va. Code, the location is hereby approved	THERMOMEN
for <u>drilling</u> . This permit shall expire if	INSPECTOR TO BE NOTIFIED Paul Garrett
operations have not commenced by 11-18-77	APPROG. 05 0 5
The state of the s	ADDRESS Clarksburg, W. Va.
Deputy Director - Oil & Gas Division	PHONE 622-3871
	and the first the state of the
GENTLEMEN:	•
The undersigned well operator is entitled to drill upon t	the above named farm or tract of land for oil and gas, having fee
·	e dated See Attached 19 by
	and recorded on the day of
19, in County, Book	
7777	
XX NEW WELLDRILL DEEPER	REDRILLFRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRILL	ED BEFORE JUNE 5, 1969.
The enclosed plat was prepared by a registered engineer have been notified as of the above date.	or licensed land surveyor and all coal owners and/or operators
The above named coal owners and/or operator are hereb to make by Section 3 of the Code, must be received by, or	y notified that any objection they wish to make, or are required filed with the Department of Mines within ten (10) days. *
Copies of this notice and the enclosed plat were mailed lor coal owners at their above shown respective address	by registered mail, or delivered to the above named coal operators  day before, or on the
and the maning of delivery of mile copy to the L	
DI PACE CHONTE CODIEC OF ALL	Very truly yours, ALLEGHENY LAND AND MINERAL CO
PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:	(Sign Name) By (Sign Name), Manager
GHOTHISICALI LOGS DIALCILI 10.	Land, Leaseatand Right of Way
WEST VIRGINIA GEOLOGICAL AND	P. O. Box 1740
ECONOMIC SURVEY Add	ress Street
P. O. BOX 879	Clarkshing
P. O. BOX 879 of Well Op	Clarksburg,
P. O. BOX 879 of	Clarksburg,  City or Town
P. O. BOX 879 of Well Op	Clarksburg,  City or Town  West Virginia 26301
P. O. BOX 879 of Well Op	Clarksburg,  City or Town

BLANKET ESSED

\*SECTION 3.... If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

DODD-1869 PERMIT NUMBER

47-017

ποω Dodd - 2309

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

NAME Union Drilling,						
D // D	DRILLING CONTRACTOR: (If Known)  NAME Union Drilling, Inc.  ADDRESS Drawer 40, Buckhannon, WV		RESPONSIBLE AGENT:  NAME Allegheny Land & Mineral Co.  ADDRESS P. O. Box 1740, Clarksburg, W.			
ADDRESS Drawer 40, Bi						
ESTIMATED DEPTH OF COMPLETED WELL Berea PROPOSED GEOLOGICAL FORMATION:		TELEPHONE 623-6671				
		ROTARY XX CABLE TOOLS				
			10011			
		MR STORAG	GEDISPOSAL			
			LOOD OTHER			
		O WILLIAM I	COOL COURSE			
FENTATIVE CASING PROGRAM:						
CASING AND TUBING SIZE	USED FOR DRILLING	LUIT IN WELL	COMEN'S FILL UP OR SACKS - CUBIC FT.			
0 - 16	201	20'	Cement to surface			
3 - 10						
· 5/8 - 5/8						
- 5/8	300'	300'	Cement to surface			
	of American (a) to the property of the body of the control of the control of the control of the American Control of the contro	P 1889 - Allian Pink Station on philosophic Market Control of the				
1/2			Gement to 300 above			
1/2		2500'	any producing horizo			
			Port. Top			
iners			Perf. Bottom Perf. Top			
			Perf. Bottom			
SUBMIT FIVE (5) COPIES C	OF OG - 1, \$100.00 PERMIT	FEE, PERFORMANCE	BOND AND PERMANENT COPY			
SUBMIT FIVE (5) COPIES OF PLAT.  O DRILL DEEPER OR REDRILL SUBMIT FIVE (5) COPIES OF WELLS DRILLED PRIOR TO MUST ALSO BE SUBMITTED  O FRACTURE - STIMULATE: OIL AND/OR GAS WELL ORD BOND, PERMANENT PLAT A OIL AND/OR GAS WELL ORD ING ORIGINAL PERMIT NUM  Required forms must be filed	F OG - 1, SHOWING ORIGIN D 1929, A PERMANENT CO D. IGINALLY DRILLED BEFOR AND ORIGINAL WELL RECO IGINALLY DRILLED ON AN IBER, AND PERFORMANCE	VAL PERMIT NUMBER A PY OF THE PLAT AND E JUNE 5, 1929, FIVE (5 DRD. D/OR AFTER JUNE 5, 19	BOND AND PERMANENT COPY  AND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD  O) COPIES OG -1, PERFORMANCE  929, FIVE COPIES OG -1, SHOW- e. Inspector to be notified twenty-			
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OIL & GAS ENVISION DEFT. OF MINES

#### Oil and Gas Division

## OIL AND GAS WELL PERMIT APPLICATION

Charleston, W. Va.  Aaron Schwartzman, M.D.  Surface Owner 2007 Nichols Avenue Washington, D.C. 2002  Address The Union National Ban Atty-in-Fact W. Brent Maxwell Heirs Clarksburg, WV 26301  Coal Owner The Union National Ban Atty-In-Fact - W. Bren  Address Clarksburg, WV 26301  Coal Owner The Union National Ban Atty-In-Fact - W. Bren Clarksburg, WV  Coal Operator None	Company P. O. Drawer 1740  Address Clarksburg, WV 26301  Farm W. B. Maxwell Acres 2400  Location (waters) South Fork of Hughes River  k Well No. A-690  Floretica 1023'
Address  THIS PERMIT MUST BE POSTED AT THE WELL SITE	
All provisions being in accordance with Chapter 22 of the W. Va. Code, the location is hereby approved for <u>drilling</u> . This permit shall expire is operations have not commenced by 3-1-79  Deputy Director - Oil & Gas Division	INSPECTOR
GENTLEMEN:	
The undersigned well operator is entitled to drill upo	on the above named farm or tract of land for oil and gas, having fee
title thereto, (or as the case may be) under grant or le	ease dated <u>see attached</u> 19 by
made to	and recorded on the day of
19, in County, Book	Page Page
10 TH 19	REDRILLFRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRIE	LLED REFORE JUNE 5 1969
The enclosed plat was prepared by a registered engin have been notified as of the above date.	seer or licensed land surveyor and all coal owners and/or operators
The above named coal owners and/or operator are her to make by Section 3 of the Code, must be received by,	reby notified that any objection they wish to make, or are required or filed with the Department of Mines within ten (10) days. *
Copies of this notice and the enclosed plat were mailed or coal owners at their above shown respective address same day with the mailing or delivery of this copy to the	d by registered mail, or delivered to the above named coal operators  ———————————————————————————————————
PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:	Very truly you LECHENY LAND & MINERAL COMPANY (Sign Name) Well Operator
P. O. BOX 879	Land, Lease and Right of Way P. O. Drawer 1740  ddress of Operator  Clarksburg  Outy or Town
	West Virginia 26301
	State

\*SECTION 3.... If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

Formerly DODD-1869

DODD-2309

\_PERMIT NUMBER

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

PROPOSED WORK ORDER TO	XX DRILL	DEEPEN	FRACTURE-STIMULATE		
DRILLING CONTRACTOR: (If Known)  NAME  ADDRESS		RESPONSIBLE AGENT:  NAME Allegheny Land & Mineral Compa			
		TELEPHONE		TELEPHONE 304	
ESTIMATED DEPTH OF COMPL		ROTARY XX	CABLE TOOLS		
PROPOSED GEOLOGICAL FORM					
TYPE OF WELL: OIL	GAS XX	COMB. STORAC	E DISPOSAL		
	RECYCL	ING WATER FI	LOOD OTHER		
TENTATIVE CASING PROGRAM	:	•	•		
CASING AND TUBING					
SIZE	USED FOR DRH LING	LITT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.		
20 - 16	20'	20'	cement to surface		
13 - 10	The Control of the Co		comerre to surrace		
9 - 5/8	The content of the co	and the second s			
8 - 5/8	300	300'	cement to surface		
7					
5 ½		an ang kanamatan da	cement to 300' abov		
4 1/2	2500'	2500	producing horizon		
3		First transfer on the second s	Perf. Top		
			Perf Bottom		
Liners			Perf. Top		
			Perf. Bottom		
OF PLAT.  TO DRILL DEEPER OR REDRILI SUBMIT FIVE (5) COPIES O WELLS DRILLED PRIOR TO MUST ALSO BE SUBMITTED  TO FRACTURE - STIMULATE: OIL AND/OR GAS WELL OR BOND, PERMANENT PLAT OIL AND/OR GAS WELL OR ING ORIGINAL PERMIT NUM	OF OG - 1, \$100.00 PERM L: OF OG - 1, SHOWING ORIG O 1929, A PERMANENT C D. CIGINALLY DRILLED BEFO AND ORIGINAL WELL RE- LIGINALLY DRILLED ON A MBER, AND PERFORMANCE	IT FEE, PERFORMANCE  INAL PERMIT NUMBER A COPY OF THE PLAT AND  ORE JUNE 5, 1929, FIVE (5 CORD.  ND/OR AFTER JUNE 5, 1928, BOND.	BOND AND PERMANENT COPY  AND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD  COPIES OG - 1, PERFORMANCE  229, FIVE COPIES OG - 1, SHOW-  Inspector to be notified twenty-		
The following waiver must be thereof.	e completed by the coal op	erator if the permit is to be	e issued within ten days of receipt		
WAIVER: I the undersigned, Agen this lease have examined	t ford and place on our mine m				
We the	Coal Company	have no objections to said	well being drilled at this location, 17, Chapter 22 of the West Virginia		
			For Coal Company		
		Marking and what is the market market and the second secon	Official Title		

#### ALLEGHENY LAND AND MINERAL CO.

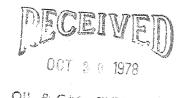


CLAGAS DIVISION OF MINES

Under lease or grant dated the 7th day of October, 1898, by W. Brent Maxwell and Lillie J. Maxwell, his wife, unto The Carter Oil Company, subsequently Consolidated Gas Supply Corporation. This lease was recorded on the 15th day of September, 1899, in Deed or Lease Book 14 at page 376, in the Office of the County Clerk of Doddridge County, West Virginia.

Allegheny Land and Mineral Company is vested with the drilling rights in the subject lease by virtue of an agreement dated the 6th day of April, 1977, granted by Consolidated Gas Supply Corporation.

#### ALLEGHENY LAND AND MINERAL CO.



OIL & GAE TVISION TO THE T. OF MINES

Under lease or grant dated the 7th day of October, 1898, by W. Brent Maxwell and Lillie J. Maxwell, his wife, unto The Carter Oil Company, subsequently Consolidated Gas Supply Corporation.

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