A.L. & M. Co. Loc. O A . 592

₩ C.G.S.C.

C.G.S.C. 10203

C. G. S. C

New Location .... 🗵

Drill Deeper

:Abandonment ...

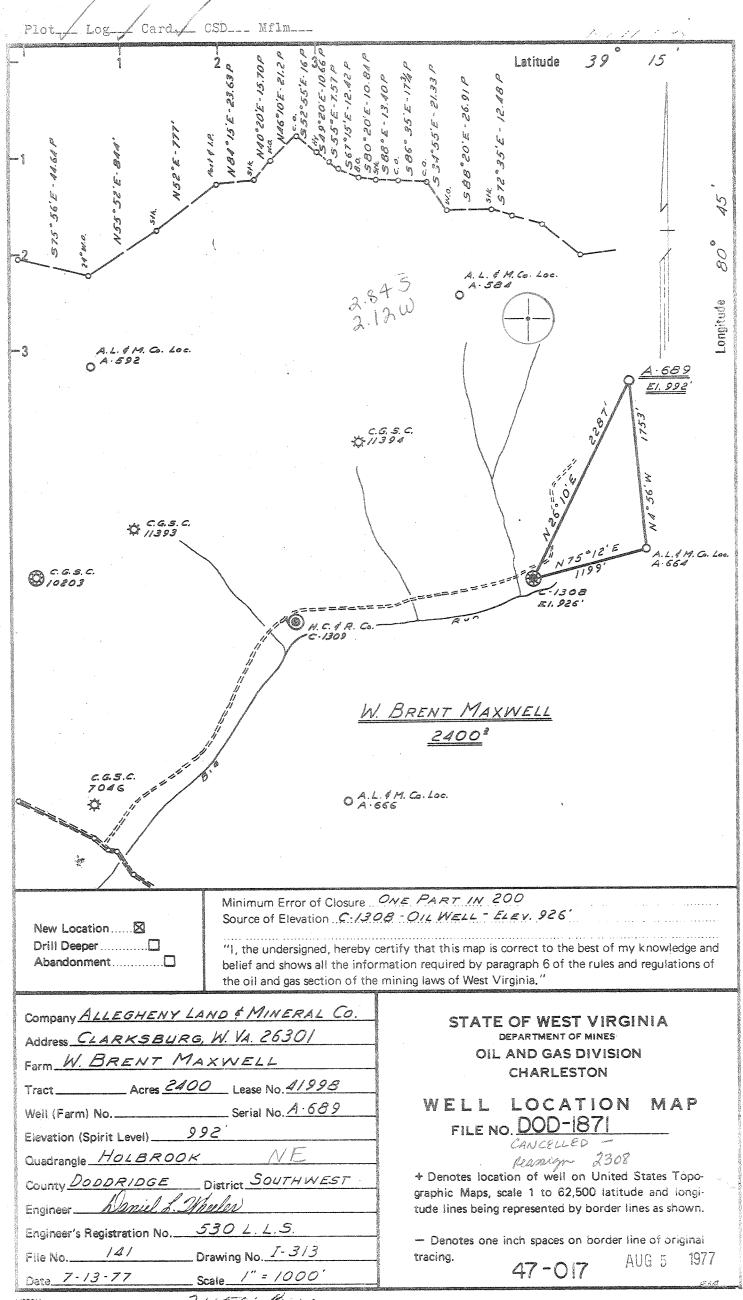
Farm W. BRENT MAXWELL

Elevation (Spirit Level) 992

121

Quadrangle HOLBROOK

6-6-3 STRAIGHT FK-BLUESTONE K



N22061

2450 Buse



#### STATE OF WEST VIRGINIA DEPARTMENT OF MINES

## Oil and Gas Division

#### WELL RECORD

OIL & GAS CIVISION PEFT. OF MINES

Oil\_

1930-20061

Rotary\_\_\_X\_

Cable\_\_\_\_\_ Gas\_ Quadrangle HOLBROOK Recycling\_\_\_ Comb.\_\_ Water Flood\_\_\_ Storage\_ Permit No. DOD-2308 Disposal\_\_\_\_ (Kind) 47-017 Company Allegheny Land & Mineral Co. Used in Left Cement fill up Casing and Address Box 1740, Clarksburg, WV 26301 Drilling in Well Cu. ft. (Sks.) Tubing Farm W. B. Maxwell \_\_\_ Acres 2400\_ Location (waters)South Fork-Hughes River Size \_\_\_\_ Elev. 992 ! Well No. <u>A-689</u> 20-16 District Southwest County Doddridge Cond. The surface of tract is owned in fee by Aaron Schwartzman, M.D., 2007 Nichols 13-10" Ave.,9 5/8 D.C. 20020 2941 294 Cement to surfa Address Washington, Address Washington, D. O. 20020
Union Nat. Bank,
Mineral rights are owned by B. Maxwell Heirs \_\_\_\_\_Address\_\_\_Clarksburg, WV 26301 5 1/2 Drilling Commenced December 8, 1978 4 1/2 21631 2163 1403 Drilling Completed December 14, 1978 Initial open flow \_\_\_\_\_cu. ft. \_\_\_\_ \_\_\_\_\_ bbls. Liners Used Final production \_\_\_\_\_ cu. ft. per day \_\_\_\_\_bbls. Well open \_\_\_\_hrs. before test\_\_\_\_\_RP. Well treatment details: Attach copy of cementing record. Well was fractured 12-29-78 by Dowell Final test: Open flow - 559 MCF - Injun; 277 MCF - Weir Rock Pressure - 975# - Weer; 275# - Injun -18 hr .Feet\_ Coal was encountered at Fresh water\_\_ \_Feet \_ \_Salt Water. Feet . 

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water * Remarks
Shale Sand & Red Roc Sand & Red Roc Slate & Salt Sa Sand & Sand & Big Lim Keener Shale Injun S Sand & Weir Sa Sand & Berea S Shale	k Shale k Shale nd Shale Shale e Sand and Shale nd Shale	tota	0 40 470 501 950 957 1106 1144 1402 1416 1610 1642 1726 1772 1930 2006 2130 2138 depth	40 470 501 950 957 1106 1144 1402 1416 1610 1642 1708 1726 1772 1930 2006 2130 2138 2200	Perforations:  1732-1766' - 18 holes 1939-1951' - 6 " 1957-1965' - 4 " 1997-2005' - 10 "
					v <sub>e</sub>

<sup>(</sup>over)

Producing Sand Injun & Weir

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



STATE OF WEST VIRGINIA DEPARTMENT OF MINES

## JAN 1 5 1979 OIL & GAS DIVISION DEFT. OF MINES

## Oil and Gas Division

		W/ELL	RECORD		Rotary	K Oil	-
Quadrangle_HOLBROOK			10. 92. 17.05.17.00		Cable		-
Quadrangie					Recycling_	Comb	
Permit No. <u>DOD-230</u> 8						d Storage	aproximation of
47-017	7				Disposal	(Kind)	·········
Company Allegheny	Land & Mine	ral Co.	edentias i (graphopologico compositorio delecto edentico contra contra compositorio contra co			The state of the s	Transfer Printers and State St
	Clarksburg		Casing and	Used in	Left	Cement fill up	
Farm W. B. Max	Well Ac	re <u>s2400</u>	Tubing	Drilling	in Well	Cu. ft. (Sks.)	
Location (waters)South			Size				
Well No. <u>A-689</u>			20-16		700		
District Southwest			Cond.	***************************************			
The surface of tract is ow			13-10"			rennes de la companya	
Schwartzman, M. D		The state of the s	A COMMERCIAL MATERIAL PRODUCTION AND ADMINISTRAÇÃO DE CONTRACTOR DE CONT	201.0	201		
Address Washingt Mineral rights are owned	Union Nat.	<u> Britis</u> Britis	8 5/8 Vv.	ا 1944	294	Cement to	surface
Address Address		-10112	S 1 P3				
Drilling Commenced			5 1/2 4 1/2	21631	27/2		31000
Drilling Completed			S. J. Lie.	<u> </u>	21.63		1403 "
Initial open flow			2	notation or the second			
Final production			Liners Used	n of the state of			
Well open			The second secon			CAN-AN AREN', NO PARTY WAS ARRESTED OF THE CONTROL	****
Well treatment details:		- Malakanan dan separahanan Kalifabi K	Attach copy of a	ramanting raco	· d	and a security to the security of the security	and the second s
:	Well was fre	etuved 10		~			
	Final test:				277 M	THE REST	HTT/Antiques
The state of the s			od samonne menere til settlemelse syndere til settlemelse. Satisfare til settlemelse som				7.8 hma
		ommenen an Strack in William McCard St. 18 years y and Milliam St. Serve Will.	and Sangat the and Salahatan and Sang angua a na ann an ann an San Ann an	La Company of the	2	nder die de financier de la company de la co	
		<mark>Påd somh figerer skallingtig upsamplerne</mark> att fladde skillprocks delekternosion av nordlor skriver	and a mang anamond of section and it is another dependent and transplant of defeat agrees to extend our designer and designer.	n. Vietna tilligi et i i met störrette och kölja <del>elde mennen</del> a <u>störrette men</u> g	e make men a maker and eye organic od have proper dyr an	A Liver resist new a series is model to the extreme personal to the Administrator convention areas associated	W. San San Communication Commu
		interview of a final field and a final manager graph properties are read to a final or a final part of the control of the cont	indek i miningaran era semangginga pela Apamasan angala se sepanah angala pela dalah sebagainan ke	v - Prantomili, 1911-1901 da krit dia sid Elistococci, si kili galina gi kuribassan jakura ku	er belie en symmet en	veli († 16-16) er e elski kanser, sektisten i firindeli (pre Egyndeli) firi dy'r e by'r e burndi, d <b>albeng se g</b> r	ENDAN TYPE ME.
Coal was encountered at _		F 051.		Inches	manda a transition of the state	an e en regione e de region de Lagran de province secreta e manegos provincias describidos de logicos de logico	CONTRACTOR OF THE CONTRACTOR O
Fresh water	Fee		······································	Water		_ Feet	
Producing Sand <u>In jul</u>	a & Weir	<del>alan alan kan</del> an garan garan garan garan galam kanan kanan kana mahan kanan kanan kanan kanan kanan kanan kanan		1726-17	721; 15	<u> </u>	MAN CE CONTRACT
Formation Color	Hard or Soft	Top Feet	Bottom Feet	0:1 (			en e
		egybonegy and property and the second control of the second contro		Oil, Gas or	water .	* Remarks	
Shale Sand & Shale	(b) 110-40-400	Q	40		COLUMN TRANSPORT CONTRACTOR CONTR	ender volgen er tronden (* 1944) i det som en de sterre de som en de s	Pilipina.
Red Rock	Affidelysen, C	40	47.0				
Sand & Shale	of Orbital and Control of Control	470 <b>50</b> 1 950	950				
Red Rock		950	957				
Slate & Shale		957	1106		Perfore	ations:	
Salt Sand Sand & Shale		1106					
Sand		1144	14.02			18 holes	
Sand & Shale	and the second	21126	1610	1957-1	951' -	6 :- 1, 11	
Big Lime		-1610	1612	1997-2	0051 -	10 "	
Keener Sand	· ·	1642	1708			and the	
Shale Injun Sand	والمعارضة والمراد	1708	1726				
Sand & Shale		1726 1772	1772				
Weir Sand	· ·	1930	1930 2006				
Sand & Shale	The second secon	2006	2130				
Berea Sand	eryusia-un- des	- 2130	2138				
Shale	a de la constante de la consta	2138	2200	ø			
	tota	depth	22001	(Driller)			
	8. 27.		on the second of				
			The second of				ets, etc.

(over)

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

#### ALLEGHENY LAND AND MINERAL CO.



OIL & GAS DIVISION DEFT. 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 recoreed 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 18th day of April, 1977, granted by Consolidated Gas Supply Corporation.







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

# Oil and Gas Division OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPA	ARTMENT OF MINES,					
Charle	eston, W. Va.	DATE_	July	15th., 19	77	
Surface Owner_	Aaron Schwartzman, 2007 Nichols Avenue		Alle	gheny Land	l and Mine	ral Co
	_	20020		ksburg, WV		
Address	The Their Neditor	Addres		- •		400
	The Union National Atty. in Fact for t	-		<u>. Maxwell</u> South Fork		
Address	of W. Brent Maxwell	Location	\ A: < 0	_		
	Clarksburg, WV 263				Elevation_	
Address	same			hwest	=	
Coal Operator	none	Quadra	ngle	HOLBROC	OK .	
Address						
THIS PERMIT N	NUST BE POSTED AT THE W	ELL SITE				
	eing in accordance with Chap Code, the location is hereby a	· · · · · · · · · · · · · · · · · · ·				
		•				
	ing			•		
operations have	not commenced by 11-20-	many many many many many many many many				
The same	( - de de )					
	tor - Oil & Gas Division	INSPECTOR TO BE	NOTIFIED	Paul G	arrett	incident to the Community of the Communi
GENTLEMEN:		PH: 622-3871	ADDRESS	Clarks	burg_W_N	73
The undersign	ned well operator is entitled to	_				
	as the case may be) under g	_				-
	made to					
	County, Bo					
					nine on con	AKITI A DOTO
	EW WELLDRILL				TURE OR STI	MULATE
O11	L AND GAS WELL ORIGINA	LLY DRILLED BEFORE	E JUNE 5, 1	1969.		
	plat was prepared by a regist ed as of the above date.	ered engineer or licensed	land survey	or and all coal	owners and/or	operators
	amed coal owners and/or opera tion 3 of the Code, must be re					
Copies of this	notice and the enclosed plat	were mailed by registered	mail, or del	ivered to the ab	ove named coal	operators
or coal owners	at their above shown respective he mailing or delivery of this of	e address	da	Therleston West	before, o	or on the
same day with t	ne maining or delivery of this c	opy to the Department (				
	HIT COPIES OF ALL	Very truly	yours, A	llegheny L		
	LOGS DIRECTLY TO:	(Sign Nan	10)B	V Well-Operator		Manage
P. O. Box 8	ia Geological and Econom	ic Survey	L	and - Leas		nt of Way
	W. Va. 26505	Address	P	O. Drawe Street	r 1740	
<b>-</b>		of				
		Well-Operator	<u>C</u>	larksburg City or Town		a and the state of
			:		• 0/00*	
			W	est Virgin State	la 26301	WE THE RESIDENCE NAMED OF THE STREET
				Jiait		

\*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.

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

PROPOSED WORK ORDER TO	XXDRILL	DEEPEN	_ FRACTURE-STIMULATE		
DRILLING CONTRACTOR: (If	Known)	RESPONSIBLE AGENT:  NAME Allegheny Land and Mineral Co  ADDRESS Clarksburg, WV 26301  TELEPHONE 623-6671			
NAME					
ADDRESS					
TELEPHONE					
ESTIMATED DEPTH OF COMPL	ETED WELL: 2450	ROTARY XX	CABLE TOOLS		
PROPOSED GEOLOGICAL FORI	MATION: Berea				
TYPE OF WELL: OIL_	GAS XX C	OMBSTOR.	AGEDISPOSAL		
•	· RECYCLIN	NG WATER	FLOODOTHER		
TENTATIVE CASING PROGRAM	<b>л</b> :	•			
CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.		
20 - 16	201	201	cement to surface		
13 - 10	ate at an described de comment men men de and transport market and address consideration of the described PP Private PH (1974).				
9 - 5/8					
8 - 5/8	3001	3001	. cement to surface		
7					
5 ½			cement to 300' above		
3 4 <sup>1</sup> 2	0.470.0	0.170	producing horizon		
2	24501	2450	Perf. Top Perf. Bottom		
Liners			Perf. Top		
			Perf. Bottom		
TO DRILL:	and the second of the second o				
	OF OG - 1, \$100.00 PERMI	T FEE, PERFORMANC	E BOND AND PERMANENT COPY		
TO DRILL DEEPER OR REDRIE	LL:				
	TO 1929, A PERMANENT CO		R AND PERFORMANCE BOND. ON ND THE ORIGINAL WELL RECORD		
TO FRACTURE - STIMULATE:					
OIL AND/OR GAS WELL C	PRIGINALLY DRILLED BEFO T AND ORIGINAL WELL REC		(5) COPIES OG - 1, PERFORMANCE		
	RIGINALLY DRILLED ON A JMBER, AND PERFORMANCE		, 1929, FIVE COPIES OG - 1, SHOW-		
Required forms must be file four (24) hours in advance.	ed within ninety (90) days of o	completion (	Inspector to be notified twenty-		
	•				
The following waiver must thereof.	be completed by the coal ope	erator if the permit is to	be issued within ten days of receipt		
•	ent for	Coal Company C	wner or Operator of the coal under		
• • • • • •	ned and place on our mine m		1		
	_	· ·	aid well being drilled at this location, and 7, Chapter 22 of the West Virginia		
providing operator has Code.	complied with all rules and reg	uiations in Articles 4, 5,	and 4, Chapter 22 of the west virginia		
Coue.					
		And the second s			
			For Coal Company		

Official Title



#### DEPARTMENT OF MINES



#### - In the state of the state of

OIL AND GAS WELL PERMIT APPLICATION

### OIL & GAS DIVISION THE T. OF MINES

# Oil and Gas Division

Charleston, W. Va.			DATE_Oct. 27, 1978			
Aar 200	con Schwartzman, 07 Nichols Avenu	L'Lo. LJ o	Company ALLEGHENY LAND & MINERAL COMPA			
Address	shington, D. C.	20020				
	ion National Ban		Address P. O. Drawer 1740, Clarksburg, V			
Mineral Owner W:	ion National Ban Brent Maxwell H	eirs I	Farm W. B. Maxwell Acres 2400			
	erksburg, WV 26		Location (waters) South Fork of Hughes River			
	me		Vell No. A-689 Elevation 992!			
Address		I	District Southwest County Doddrids			
Coal Operator <u>NOI</u>	ne		Quadrangle_Holbrook			
Address						
THIS PERMIT MUST	BE POSTED AT THE WE	LL SITE				
All provisions being	in accordance with Chapt	ter 27				
	the location is hereby an	ال المامان	ECTOR			
for drilling	. This permit shall e		E NOTIFIED Paul Garrett			
	-		321 Beech Street			
operations have for a	ommenced by 3-1-79	ADDR	ESS <u>Clark</u> burg, WV 26301			
Deputy Director - C	Sil & Can District	PHON	E <b>622-3</b> 871			
GENTLEMEN:	JII & GOS DIVISION					
The undersigned we	ell operator is entitled to	drill upon the che				
title thereto (or as th	e case may bo) under me	arm upon the and	we named farm or tract of land for oil and gas, having fee see attached 19 by			
, time to the time	made to	int or lease dated	see accached 19 by			
10 ;,	made to		and recorded on the day of			
15, III	County, Book					
VV			Page			
XX NEW WE	ELLDRILL D	EEPER	PageFRACTURE OR STIMULATE			
XXNEW WE	ELLDRILL D O GAS WELL ORIGINALI	EEPER	REDRILLFRACTURE OR STIMULATE			
NEW WEOIL AND The enclosed plat w	vas prepared by a registere	DEEPER	REDRILLFRACTURE OR STIMULATE			
NEW WEOIL AND The enclosed plat whave been notified as of the above named control of the	vas prepared by a registere of the above date.	EEPER  LY DRILLED BE  ed engineer or lice	FRACTURE OR STIMULATE FORE JUNE 5, 1969.  ensed land surveyor and all coal owners and/or operators			
The enclosed plat whave been notified as of the make by Section 3 copies of this notice	vas prepared by a registere of the above date.  oal owners and/or operator of the Code, must be rece	EEPER  LY DRILLED BE  red engineer or lice r are hereby notificated by, or filed were mailed by regis	REDRILLFRACTURE OR STIMULATE FORE JUNE 5, 1969.  ensed land surveyor and all coal owners and/or operators  ied that any objection they wish to make, or are required with the Department of Mines within ten (10) days. *  tered mail or delivered to the above remed and arrests.			
The enclosed plat whave been notified as of the make by Section 3 coordinates of this notice or coal owners at their	vas prepared by a registere of the above date.  oal owners and/or operator of the Code, must be received and the enclosed plat we respective	EEPER  LY DRILLED BE  red engineer or lice r are hereby notificated by, or filed vertice address	REDRILLFRACTURE OR STIMULATE FORE JUNE 5, 1969.  ensed land surveyor and all coal owners and/or operators  ied that any objection they wish to make, or are required with the Department of Mines within ten (10) days. *  tered mail, or delivered to the above named coal operators			
The enclosed plat whave been notified as of the make by Section 3 copies of this notice or coal owners at their	vas prepared by a registere of the above date.  oal owners and/or operator of the Code, must be received and the enclosed plat we respective	EEPER  LY DRILLED BE  r are hereby notificated by, or filed were mailed by regised address  by to the Department	REDRILLFRACTURE OR STIMULATE FORE JUNE 5, 1969.  ensed land surveyor and all coal owners and/or operators  ied that any objection they wish to make, or are required with the Department of Mines within ten (10) days. *  tered mail, or delivered to the above named coal operators			
The enclosed plat whave been notified as of the above named of to make by Section 3. Copies of this notice or coal owners at their same day with the mail	vas prepared by a registere of the above date.  oal owners and/or operator of the Code, must be rece e and the enclosed plat we rabove shown respective ling or delivery of this copplete.	EEPER  LY DRILLED BE  r are hereby notifi  ived by, or filed v  re mailed by regis  address  by to the Departm  Very	REDRILLFRACTURE OR STIMULATE FORE JUNE 5, 1969.  The sensed land surveyor and all coal owners and/or operators  The sensed land surveyor and all coal			
The enclosed plat whave been notified as of the make by Section 3. Copies of this notice or coal owners at their same day with the mail	vas prepared by a registere of the above date.  oal owners and/or operator of the Code, must be rece e and the enclosed plat we rabove shown respective ling or delivery of this copplete.	EEPER  LY DRILLED BE  r are hereby notifi  ived by, or filed v  re mailed by regis  address  by to the Departm  Very	REDRILLFRACTURE OR STIMULATE FORE JUNE 5, 1969.  ensed land surveyor and all coal owners and/or operators  ded that any objection they wish to make, or are required with the Department of Mines within ten (10) days. *  tered mail, or delivered to the above named coal operators —			
The enclosed plat we have been notified as of the above named of to make by Section 3. Copies of this notice or coal owners at their same day with the mail PLEASE SUBMIT CONGEOPHYSICAL LOGS.	vas prepared by a registere of the above date.  oal owners and/or operator of the Code, must be receive and the enclosed plat were above shown respective ling or delivery of this copplete OF ALL  DIRECTLY TO:	EEPER  LY DRILLED BE  r are hereby notifi  ived by, or filed v  re mailed by regis  address  by to the Departm  Very	REDRILLFRACTURE OR STIMULATE FORE JUNE 5, 1969.  ensed land surveyor and all coal owners and/or operators  ied that any objection they wish to make, or are required with the Department of Mines within ten (10) days. *  tered mail, or delivered to the above named coal operators  day before, or on the ent of Mines at Charleston, West Virginia.  truly AFSL JUNES AND SMINERAL COMPAN  Name  Land, Levis Operator Pright of Way			
The enclosed plat whave been notified as of the make by Section 3. Copies of this notice or coal owners at their same day with the mail PLEASE SUBMIT COI GEOPHYSICAL LOGS	vas prepared by a registere of the above date.  oal owners and/or operator of the Code, must be receive and the enclosed plat were above shown respective ling or delivery of this copplete OF ALL  DIRECTLY TO:	EEPER  LY DRILLED BE  r are hereby notifi  ived by, or filed v  re mailed by regis  address  by to the Departm  Very	REDRILLFRACTURE OR STIMULATE FORE JUNE 5, 1969.  ensed land surveyor and all coal owners and/or operators  ded that any objection they wish to make, or are required with the Department of Mines within ten (10) days. *  tered mail, or delivered to the above named coal operators —			
The enclosed plat whave been notified as of the above named of to make by Section 3 of Copies of this notice or coal owners at their same day with the mail PLEASE SUBMIT COINTERPRESE SUB	vas prepared by a registere of the above date.  oal owners and/or operator of the Code, must be receive and the enclosed plat were above shown respective ling or delivery of this copplete OF ALL  DIRECTLY TO:	EEPER  LY DRILLED BE  red engineer or lice r are hereby notificated by, or filed ware mailed by regis address by to the Departm  Very  (Sign  Address of	REDRILLFRACTURE OR STIMULATE FORE JUNE 5, 1969.  ensed land surveyor and all coal owners and/or operators  ied that any objection they wish to make, or are required with the Department of Mines within ten (10) days. *  tered mail, or delivered to the above named coal operators  day before, or on the ent of Mines at Charleston, West Virginia.  truly AFSI NAME Manage  Land, Leels Operated Pfight of Way  P. O. Drawer 1740  Street			
The enclosed plat whave been notified as of the above named of to make by Section 3. Copies of this notice or coal owners at their same day with the mail PLEASE SUBMIT COLUMN GEOPHYSICAL LOGS WEST VIRGINIA GEORECONOMIC SURVEY P. O. BOX 879 MORGANTOWN, WEST	vas prepared by a registere of the above date.  oal owners and/or operator of the Code, must be received and the enclosed plat were above shown respective ling or delivery of this copperator of the Code, and the enclosed plat were above shown respective ling or delivery of this copperator of the Code ALL DIRECTLY TO:  OLOGICAL AND	EEPER  LY DRILLED BE  red engineer or lice r are hereby notificated by, or filed were mailed by regis address by to the Departm  Very  (Sign  Address	REDRILLFRACTURE OR STIMULATE FORE JUNE 5, 1969.  ensed land surveyor and all coal owners and/or operators  ied that any objection they wish to make, or are required with the Department of Mines within ten (10) days. *  tered mail, or delivered to the above named coal operators —			
The enclosed plat whave been notified as of the above named of to make by Section 3. Copies of this notice or coal owners at their same day with the mail PLEASE SUBMIT COLUMN GEOPHYSICAL LOGS WEST VIRGINIA GEORECONOMIC SURVEY P. O. BOX 879 MORGANTOWN, WEST	vas prepared by a registere of the above date.  oal owners and/or operator of the Code, must be received and the enclosed plat were above shown respective ling or delivery of this copperator of the Code, and the enclosed plat were above shown respective ling or delivery of this copperator of the Code ALL DIRECTLY TO:  OLOGICAL AND	EEPER  LY DRILLED BE  red engineer or lice r are hereby notificated by, or filed ware mailed by regis address by to the Departm  Very  (Sign  Address of	REDRILLFRACTURE OR STIMULATE FORE JUNE 5, 1969.  ensed land surveyor and all coal owners and/or operators  ded that any objection they wish to make, or are required with the Department of Mines within ten (10) days. *  tered mail, or delivered to the above named coal operators day			
The enclosed plat whave been notified as of the above named of the mail of the control of the co	vas prepared by a registere of the above date.  oal owners and/or operator of the Code, must be received and the enclosed plat were above shown respective ling or delivery of this copperator of the Code, and the enclosed plat were above shown respective ling or delivery of this copperator of the Code ALL DIRECTLY TO:  OLOGICAL AND	EEPER  LY DRILLED BE  red engineer or lice r are hereby notificated by, or filed ware mailed by regis address by to the Departm  Very  (Sign  Address of	REDRILLFRACTURE OR STIMULATE FORE JUNE 5, 1969.  ensed land surveyor and all coal owners and/or operators  ded that any objection they wish to make, or are required with the Department of Mines within ten (10) days. *  tered mail, or delivered to the above named coal operators —day			
The enclosed plat whave been notified as of the above named of to make by Section 3. Copies of this notice or coal owners at their same day with the mail PLEASE SUBMIT COLUMN GEOPHYSICAL LOGS WEST VIRGINIA GEORECONOMIC SURVEY P. O. BOX 879 MORGANTOWN, WEST	vas prepared by a registere of the above date.  oal owners and/or operator of the Code, must be received and the enclosed plat were above shown respective ling or delivery of this copperator of the Code, and the enclosed plat were above shown respective ling or delivery of this copperator of the Code ALL DIRECTLY TO:  OLOGICAL AND	EEPER  LY DRILLED BE  red engineer or lice r are hereby notificated by, or filed ware mailed by regis address by to the Departm  Very  (Sign  Address of	REDRILLFRACTURE OR STIMULATE FORE JUNE 5, 1969.  ensed land surveyor and all coal owners and/or operators  ded that any objection they wish to make, or are required with the Department of Mines within ten (10) days. *  tered mail, or delivered to the above named coal operators day			
The enclosed plat whave been notified as of the above named of to make by Section 3. Copies of this notice or coal owners at their same day with the mail PLEASE SUBMIT CORGEOPHYSICAL LOGS WEST VIRGINIA GEORECONOMIC SURVEY P. O. BOX 879 MORGANTOWN, WEST AC-304 - 292-633	vas prepared by a registere of the above date.  coal owners and/or operator of the Code, must be rece e and the enclosed plat we rabove shown respective ling or delivery of this copperator of the Code and the enclosed plat we rabove shown respective ling or delivery of this copperator.  PIES OF ALL DIRECTLY TO:  CLOGICAL AND  VIRGINIA 26505	EEPER  LY DRILLED BE  red engineer or lice r are hereby notifitived by, or filed very  re mailed by regis address  by to the Departm  Very  (Sign  Address  of  Well Operator	REDRILLFRACTURE OR STIMULATE FORE JUNE 5, 1969.  ensed land surveyor and all coal owners and/or operators  ied that any objection they wish to make, or are required with the Department of Mines within ten (10) days. *  tered mail, or delivered to the above named coal operators —			
The enclosed plat whave been notified as of the above named of to make by Section 3. Copies of this notice or coal owners at their same day with the mail PLEASE SUBMIT CORGEOPHYSICAL LOGS WEST VIRGINIA GEORECONOMIC SURVEY P. O. BOX 879 MORGANTOWN, WEST AC-304 - 292-633	vas prepared by a registere of the above date.  oal owners and/or operator of the Code, must be received and the enclosed plat were above shown respective ling or delivery of this copperator.  PIES OF ALL DIRECTLY TO:  OLOGICAL AND  VIRGINIA 26505 31	LY DRILLED BE  ed engineer or lice  r are hereby notificated by, or filed ware mailed by regis address by to the Departm  Very  (Sign  Address of  Well Operator	REDRILLFRACTURE OR STIMULATE FORE JUNE 5, 1969.  ensed land surveyor and all coal owners and/or operators  ied that any objection they wish to make, or are required with the Department of Mines within ten (10) days. *  tered mail, or delivered to the above named coal operators			
The enclosed plat whave been notified as of the above named of to make by Section 3. Copies of this notice or coal owners at their same day with the mail PLEASE SUBMIT CORGEOPHYSICAL LOGS  WEST VIRGINIA GEORECONOMIC SURVEY P. O. BOX 879  MORGANTOWN, WEST  AC-304 - 292-633  *SECTION 3 In the street of the same day but the dep	vas prepared by a registere of the above date.  oal owners and/or operator of the Code, must be received and the enclosed plat were above shown respective ling or delivery of this copperator.  PIES OF ALL DIRECTLY TO:  OLOGICAL AND  VIRGINIA 26505 31	LY DRILLED BE  ed engineer or lice  r are hereby notificated by, or filed ware mailed by regis address by to the Departm  Very  (Sign  Address of  Well Operator	REDRILLFRACTURE OR STIMULATE FORE JUNE 5, 1969.  ensed land surveyor and all coal owners and/or operators  ied that any objection they wish to make, or are required with the Department of Mines within ten (10) days. *  tered mail, or delivered to the above named coal operators			

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

DIANCT DOWN

DODD-2308

47-017

\_\_\_\_\_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: (II	Known)	RESPONSIBLE AGEN			
NAME	NOTE THE CONTRACT OF THE CONTR		Y LAND & MINERAL COMPAN		
ADDRESS	the decided over the grown of t	ADDRESSP. O. Drawer 1740, Clarksburg			
TELEPHONE	Complete Com	•	304) 623-6671		
ESTIMATED DEPTH OF COMPL PROPOSED GEOLOGICAL FORM		ROTARY XX	CABLE TOOLS		
TYPE OF WELL: OIL_	GAS XX CC	OMB. STORA	GE DISPOSAL		
·			LOOD OTHER		
TENTATIVE CASING PROGRAM	I:				
CASING AND TUBING	USED FOR	LIEFT IN	CEMENT FILL UP		
SIZE	DRILLING	WELL	OR SACKS - CUBIC FT.		
20 - 16	20'	20'	cement to surface		
13 - 10	*				
9 - 5/8 8 - 5/8	300'	300'	cement to surface		
7	300	300	Centre of Surrect		
5 ½			cement to 300 above		
4 1/2	2450'	2450	producing horizon		
3			Perf. Top		
2			Perf. Bottom		
Liners		_	Perf. Top Perf. Bottom		
			Terr. Bottom		
TO DRILL:  SUBMIT FIVE (5) COPIES OF PLAT.  TO DRILL DEEPER OR REDRIL SUBMIT FIVE (5) COPIES OF WELLS DRILLED PRIOR TO MUST ALSO BE SUBMITTE  TO FRACTURE - STIMULATE: OIL AND/OR GAS WELL OF BOND, PERMANENT PLAT OIL AND/OR GAS WELL OF ING ORIGINAL PERMIT NUT	OF OG - 1, \$100.00 PERMIT L: OF OG - 1, SHOWING ORIGINATED BEFORE AND ORIGINAL WELL RECRIGINALLY DRILLED ON AN MBER, AND PERFORMANCE	FEE, PERFORMANCE  NAL PERMIT NUMBER.  PPY OF THE PLAT AND  RE JUNE 5, 1929, FIVE (8)  ORD.  ID/OR AFTER JUNE 5, 1  BOND.  completion for bond release	BOND AND PERMANENT COPY  AND PERFORMANCE BOND. ON D THE ORIGINAL WELL RECORD  5) COPIES OG - 1, PERFORMANCE  929, FIVE COPIES OG - 1, SHOW- se. Inspector to be notified twenty-		
The following waiver must be thereof.	e completed by the coal open	rator if the permit is to b	pe issued within ten days of receipt		
WAIVER: I the undersigned, Ager	nt for	Coal Company, Own	ner or Operator of the coal under		
	ed and place on our mine ma				
We the	Coal Company homplied with all rules and regu	nave no objections to said lations in Articles 4, 5, an	well being drilled at this location, ad 7, Chapter 22 of the West Virginia		
5546.					
	- · · · · · · · · · · · · · · · · · · ·		For Coal Company		
			· ug rife delika		

Official Title