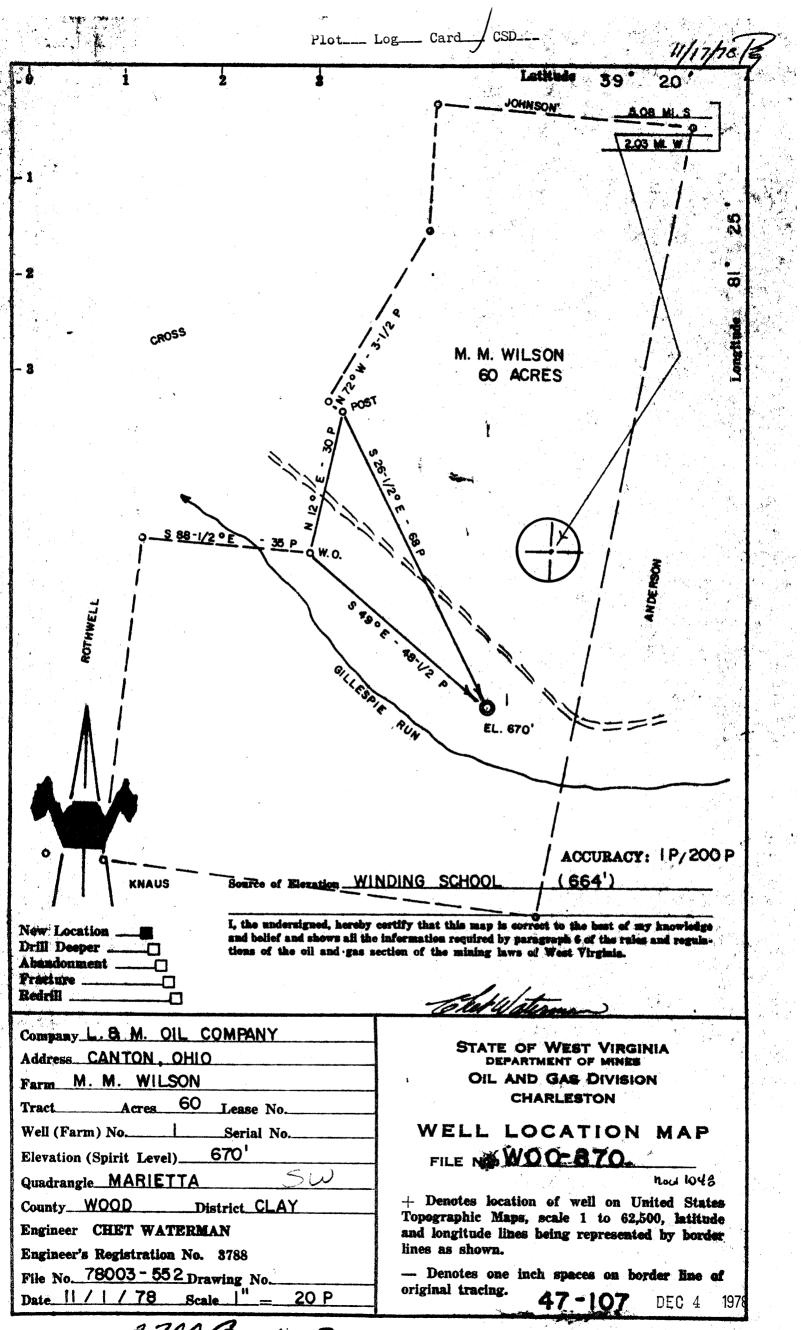


2700 Gordon Sand

AUG 1 1 1980









### Oil and Gas Division

CIL & GAS DIVISION

## OIL AND GAS WELL PERMIT APPLICATION

Charleston, W. Va.	DATE	November 10	), 1978	
Surface Owner M.M. & E.J. Wilson	Company	L & M Oil	Company	<del></del>
Address RD#2, Parkersburg, WV 2610	• • -	_	C, Canton, OH	4470
Mineral Owner M.M. & E.J. Wilson		M. Wilson		
AddressSame	Location (wa	7777	espie Run	
Coal Owner Same	•	_	Elevation 67	0 1
Address		Clay	County Wood	
Coal Operator None			Mills-Marietta	<del></del>
Address				
THIS PERMIT MUST BE POSTED AT THE WELL SITE				
for <u>drilling</u> . This permit shall expire if operations have not commenced by 3-17-79	INSPECTOR TO BE NOTIFIE ADDRESS		Paul Goodnight  Smithville, W. V	
Notest to last	- th		Carlot Car Value Carlot	<u> </u>
Deputy Director - Oil & Gas Division	PHONE477-	-3660		
The undersigned well operator is entitled to drill upon itle thereto, (or as the case may be) under grant or lea	se dated Augu	<u>ust 5</u> 19	75 by M.M. Wi	lson
The undersigned well operator is entitled to drill upon itle thereto, (or as the case may be) under grant or lease made to Mohawk Oil Correction in Wood County, Book 65	p. Augu P. and reco	ust 5 19  rded on the 49	5th day of Aug	lson ust
The undersigned well operator is entitled to drill upon itle thereto, (or as the case may be) under grant or lease made to Mohawk Oil Correction in Wood County, Book 5	Auguste   Auguste	ust 5 19 rded on the 49	5th day of Aug	lson ust
The undersigned well operator is entitled to drill upon itle thereto, (or as the case may be) under grant or lease made to Mohawk Oil Correction in Wood County, Book 65	Auguste   Auguste	ust 5 19 rded on the 49	5th day of Aug	lson ust
The undersigned well operator is entitled to drill upon itle thereto, (or as the case may be) under grant or lease made to Mohawk Oil Company, in Wood County, Book 65  XX NEW WELL DRILL DEEPER  OIL AND GAS WELL ORIGINALLY DRILL  The enclosed plat was prepared by a registered engine	p. and reco Page 1  REDRIL  LED BEFORE JUNE	LSt 5 19  rded on the 49  LLFR.  5 5, 1969.	5th day of Augustantian Acture or Stimula	lson ust TE
The undersigned well operator is entitled to drill upon itle thereto, (or as the case may be) under grant or lease may be under grant or lease	Page Augument Augumen	rded on the 49  LFR. 5, 1969. surveyor and all conjection they we	55 by M.M. Wi 5th day of August  ACTURE OR STIMULA  coal owners and/or opera	lson ust TE
The undersigned well operator is entitled to drill upon itle thereto, (or as the case may be) under grant or lease made to Mohawk 011 Corresponding of the county, Book 65 County, Book 65 XX NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILL The enclosed plat was prepared by a registered engine nave been notified as of the above date.  The above named coal owners and/or operator are here to make by Section 3 of the Code, must be received by, and copies of this notice and the enclosed plat were mailed or coal owners at their above shown respective address or coal owners at their above shown respective address.	Page August Page A	rded on theFR.  E 5, 1969.  Surveyor and all control of Mines or delivered to the	ACTURE OR STIMULA  coal owners and/or opera  ish to make, or are required within ten (10) days.	lson ust TE tors
The undersigned well operator is entitled to drill upon itle thereto, (or as the case may be) under grant or lease made to Mohawk 011 Corresponding of the county, Book 65 County, Book 65 XX NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILL The enclosed plat was prepared by a registered engine nave been notified as of the above date.  The above named coal owners and/or operator are here to make by Section 3 of the Code, must be received by, and copies of this notice and the enclosed plat were mailed or coal owners at their above shown respective address or coal owners at their above shown respective address.	Page Augument of Mine	rded on the	ACTURE OR STIMULA  coal owners and/or opera  ish to make, or are required within ten (10) days. *  e above named coal opera  before, or on  Vest Virginia.	lson ust TE tors
The undersigned well operator is entitled to drill upon itle thereto, (or as the case may be) under grant or lease made to Mohawk Oil Cores and to Mohawk Oil Cores and the County, Book Section 3 of the Code, must be received by, and coal owners at their above shown respective address ame day with the mailing or delivery of this copy to the PLEASE SUBMIT COPIES OF ALL	Page August Page A	ast 5 19  rded on the 49  LFR.  5 5, 1969.  surveyor and all composition they we partment of Mines or delivered to the 49  s at Charleston, We as at Charleston, We are 400.	ACTURE OR STIMULA  coal owners and/or opera  ish to make, or are required within ten (10) days.   e above named coal opera  before, or on  Vest Virginia.	lson ust TE tors
The undersigned well operator is entitled to drill upon itle thereto, (or as the case may be) under grant or lease made to Mohawk Oil Corresponding of the county, Book 65 and County, Book 65 are NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILL The enclosed plat was prepared by a registered engine nave been notified as of the above date.  The above named coal owners and/or operator are here or make by Section 3 of the Code, must be received by, and coal owners at their above shown respective address are day with the mailing or delivery of this copy to the DEEASE SUBMIT COPIES OF ALL SEOPHYSICAL LOGS DIRECTLY TO:  WEST VIRGINIA GEOLOGICAL AND CONOMIC SURVEY	Page August Augu	rded on the	ACTURE OR STIMULA  coal owners and/or opera  ish to make, or are required within ten (10) days. *  e above named coal opera before, or on  Vest Virginia.	lson ust TE tors
made to Mohawk Oil Com  made to Mohawk Oil Com  Monawk Oil Com	p. and reco 7 Page 1  REDRIL LED BEFORE JUNE er or licensed land a  eby notified that any or filed with the Dep  I by registered mail, of  Department of Mine  Very truly yours  (Sign Name) Doublidess of	rded on the  49  LFR  5 5, 1969.  Surveyor and all compartment of Mines or delivered to the day s at Charleston, Well Opera	ACTURE OR STIMULA  coal owners and/or opera  ish to make, or are required within ten (10) days.  cabove named coal opera  before, or on  Vest Virginia.  IL COMPANY  and Company  and Company  coal owners and/or opera  before, or on  Vest Virginia.	lson ust TE tors ired tors the
The undersigned well operator is entitled to drill upon title thereto, (or as the case may be) under grant or lease to Mohawk Oil Corresponding to Mohawk Oil Correspondin	rese datedAugustateAugustateAugustate	rded on the  49  LFR  5, 1969.  Surveyor and all compartment of Mines or delivered to the day s at Charleston, W  Well Opera  Reglas M. Ga  Street  Sox A, Stat	ACTURE OR STIMULA  coal owners and/or opera  ish to make, or are required within ten (10) days.  e above named coal opera before, or on  Vest Virginia.  IL COMPANY  and Company  and Company  in the coal opera before, or on  Vest Virginia.	lson ust TE tors ired tors the

\*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.

BLANKET BOND

WOO-870

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)	RESPONSIBLE AGEN	
NAME		NAME_Okey L.	
ADDRESS			e Gap, West Virgin
TELEPHONE			2-7836
ESTIMATED DEPTH OF COMPL			_ CABLE TOOLS
PROPOSED GEOLOGICAL FORM	MATION: Gordon San	d	CABLE TOOLS
			E DISPOSAL
	PECYCI	COMB AA_ STORAG	E DISPOSAL
TENTATIVE CASING PROGRAM		WAIDH PL	OODOTHER
CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP
20 - 16			OR SACKS - CUBIC FT.
3 - 10			
- 5/8			
- 5/8 X	250	250	Surface
У. У. X	EID.		
72 A	TD	TD	400
			Perf. Top
iners			Perf. Bottom
	**************************************		Perf. Top
			Perf. Bottom
SUBMIT FIVE (5) COPIES O OF PLAT.	F OG - 1, \$100.00 PERMIT	r fee, performance bo	OND AND PERMANENT COP
O DRILL DEEPER OR REDRILL: SUBMIT FIVE (5) COPIES OF WELLS DRILLED PRIOR TO MUST ALSO BE SUBMITTED.	FOG - 1 SHOWING OFFICE	NAL PERMIT NUMBER AN PPY OF THE PLAT AND T	D PERFORMANCE BOND. OF
		ı	
OH AND OR CAR WEEK			
OIL AND/OR GAS WELL ORIG BOND, PERMANENT PLAT A OIL AND/OR GAS WELL ORIG ING ORIGINAL PERMIT NUME	SINALLY DRILLED ON ANY	D.C.	
ING ORIGINAL PERMIT NUME	BER, AND PERFORMANCE	BOND.	FIVE COPIES OG - 1, SHOW
			_ <del></del>
Required forms must be filed w four (24) hours in advance.	micely (50) days of co	impletion for bond release.	Inspector to be notified twenty
			and the state of t
The following waiver must be ereof.	completed by the coal aper-	ator if the	
IVER: I the undersigned, Agent to this lease have examined	for	Coal Company, Owner	or Operator of the coal unde
	- Fire on our mine map	is this proposed well location	\ <b>m</b>
providing operator has com Code.	———— Coal Company ha plied with all rules and regula	we no objections to said well ations in Articles 4, 5, and 7,	nt. Il being drilled at this location Chapter 22 of the West Virginia
		For	Coal Company
			Official Title

\*Payment for this new permit was submitted to you on 6/19/80 via our ck. #1683 in the amount of \$100.00

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

JUL 2 3 1980

#### Oil and Gas Division

OIL & GAS DIVISION

OIL AND GAS WELL PERMIT APPLICATION OF MINES

TO THE DEPARTMENT OF MINES,			
Charleston, W. Va.	DATE		·
Swisce Owner M.M. & E.J. Wilson	Company	, L & M Petrol	eum Co.
Address R.D.#2, Parkersburg, WV	Address	Rt. #1, Box 18-	B, Marietta, OH
Mineral Owner Same	Farm M	M. Wilson	Acres60
Address	Location	(waters) Gillesp:	ie Run
Coal Owner Same	Well No.	1	Elevation 670
Address		Clay	
O LOS COMPANS	•	gle Valley Mills/	Marietta
Address POSTED AT THE WELL SITE			
Il provisions being in accordance with Chapter 22, It the W. Va. Code, the location is hereby approved		e e e e e e e e e e e e e e e e e e e	
drilling . This permit shall expire "	INSPECTOR TO BE NOTE	FIED Paul Goods	night
operations have not commenced by 3-24-81	ADDRESS	Smithville, W.V	Va. 26178
Deputy Director - Oil & Gas Division	PHONE	+77–3660	
GENTLEMEN:			
The undersigned well operator is entitled to drill u	non the shove ram	ed form or treat of land	for oil and see basing for
title thereto, (or as the case may be) under grant or  made to Mohawk Dil Co  1975 in Wood County, Book	rp. and	recorded on the5	oth day of August
NEW WELLDRILL DEEPE	RRE	DRILLFRAC	TURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY D			•
The enclosed plat was prepared by a registered enclosed been notified as of the above date.  The above named coal owners and/or operator are to make by Section 3 of the Code, must be received by	hereby notified that	any objection they wish	to make, or are required
Copies of this notice and the enclosed plat were me or coal owners at their above shown respective addre same day with the mailing or delivery of this copy to	<b>3</b>	day	before, or on the
PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:	Very truly (Sign Name	yours, D & M Petro	Jeum, Co.
WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY	Address	Rt. #1, Box 18	3 <b></b> B
P. O. BOY 879	of	Marietta	
HORGANTOWN, WEST VIRGINIA 26505	ell Operator	City of Town	
AC-304 - 292-6331		Ohio	45750
		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 promed. (expired permit #47-107-870)

## BLANKET BOKD

47-107-1048 PERMIT NUMBER

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

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

DRILLING CONTRACTOR:	TO X DRILL	DEEPEN	S. Title Common and		
		RESPONSIBLE ACE	_ FRACTURE-STIMULATE		
	ME				
ADDRESS	,	ADDRESS Park	- ADDRESS Parkersburg, WV 26101		
TELEPHONE	and the state of the state of	ADDRESS TOTAL	/ 130 San		
ESTIMATED DEPTH OF COM	PLETED WELL 28001	TELEPHONE 30			
PROPOSED GEOLOGICAL DO			CABLE TOOLS		
TYPE OF WELL: OII	CAC	<u> </u>			
	UAS	COMB X STORA	GE DISPOSAL		
TENTATIVE CASING PROGRA	AM:				
	· · · · · · · · · · · · · · · · · · ·	er en en en en en			
CASING AND TUBING SIZE	USED FOR	LEFT IN			
20 - 16	- DRILLING		CEMENT FILE UP OR SACKS - CUBIC FT.		
13 - 10			· · · · · · · · · · · · · · · · · · ·		
9 - 5/8					
8 - 5/8	2501				
7		2501	Surface		
5 ½					
4 ½	TD	TD			
3		10	400 sx		
Liners			Perf. Top		
LINCK			Perf. Bottom		
			Perf. Top		
APPROXIMATE FRESH WATER APPROXIMATE COAL DEPTHS S COAL BEING MINED IN THE			Perf. Bottom		
SUBMIT FIVE (5) COPIES OF PLAT.	OF OG - 1, \$100.00 PERMI	T FFF PFPF	OND AND PERMANENT COPY		
OF FLAI.		PERFORMANCE BO	OND AND PERMANENT COPY		
O DRILL DEEPER OR REDRIL	L:				
SUBMIT FIVE (5) COPIES O	F OG - 1, SHOWING ORIGI	NAI PEDMIT NIDO	D PERFORMANCE BOND. ON		
MUST ALSO BE SUBMITTED	O 1929, A PERMANENT CO	OPY OF THE PLAT AND T	D PERFORMANCE BOND. ON HE ORIGINAL WELL RECORD		
) FD A CRITTO		OF THE FLAT AND T	HE ORIGINAL WELL RECORD		
FRACTURE - STIMULATE:	· · · · · · · · · · · · · · · · · · ·		and the second second		
BOND PERMANENT TO	IGINALLY DRILLED BEFOR	E JUNE 5 1000 PIND	OPIES OG - 1, PERFORMANCE		
BOND, PERMANENT PLAT A OIL AND/OR GAS WELL OR	AND ORIGINAL WELL RECO	ORD (5) C	OPIES OG - 1, PERFORMANCE		
THE CAS WELL COST	ICIN' ATT ST mm		FIVE COPIES OG - 1, SHOW-		
ING ORIGINAL PERMIT NUM	BER, AND PERFORMANCE	BOND	FIVE COPIES OG - 1, SHOW-		
four (24) hours in advance	within ninety (90) days of co	impletion for hand release	nspector to be notified twenty		
m anvance.	···	sono reicase. I	nspector to be notified twenty-		
7					
. The following waiver must be	complete				
The following waiver must be reof.	completed by the coal opera	tor if the permit is to be issi	and within ton days or		
IVER: I the undersigned, Agent this lease have examined	for		- uays of receipt		
this lease have examined	and place on	Coal Company, Owner or	Operator of the coal and		
We the	and place on our mine maps	s this proposed well location	coar unger		
	Coal C				
Code.	applied with all rules and regular	tions in Articles 4, 5, and 7. C	Chapter 22 of the way are		
1 - 1 - Gode 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	The second of the second of the				
		ا (دِهَ الْهَامَةِ مِنْ الْهَامَةِ مِنْ الْهَامَةِ مِنْ الْهَامِينَ الْهَامَةِ مِنْ الْهَامَةِ مِنْ	duditadius toileigo UPA bai		
	<del> </del>	*			
	<u>∱</u> aus ∈.		oal Company		
	Talithans, sp.,	1 55.1. 1.1.4.1	District Property		
		Ot	ficial Title		