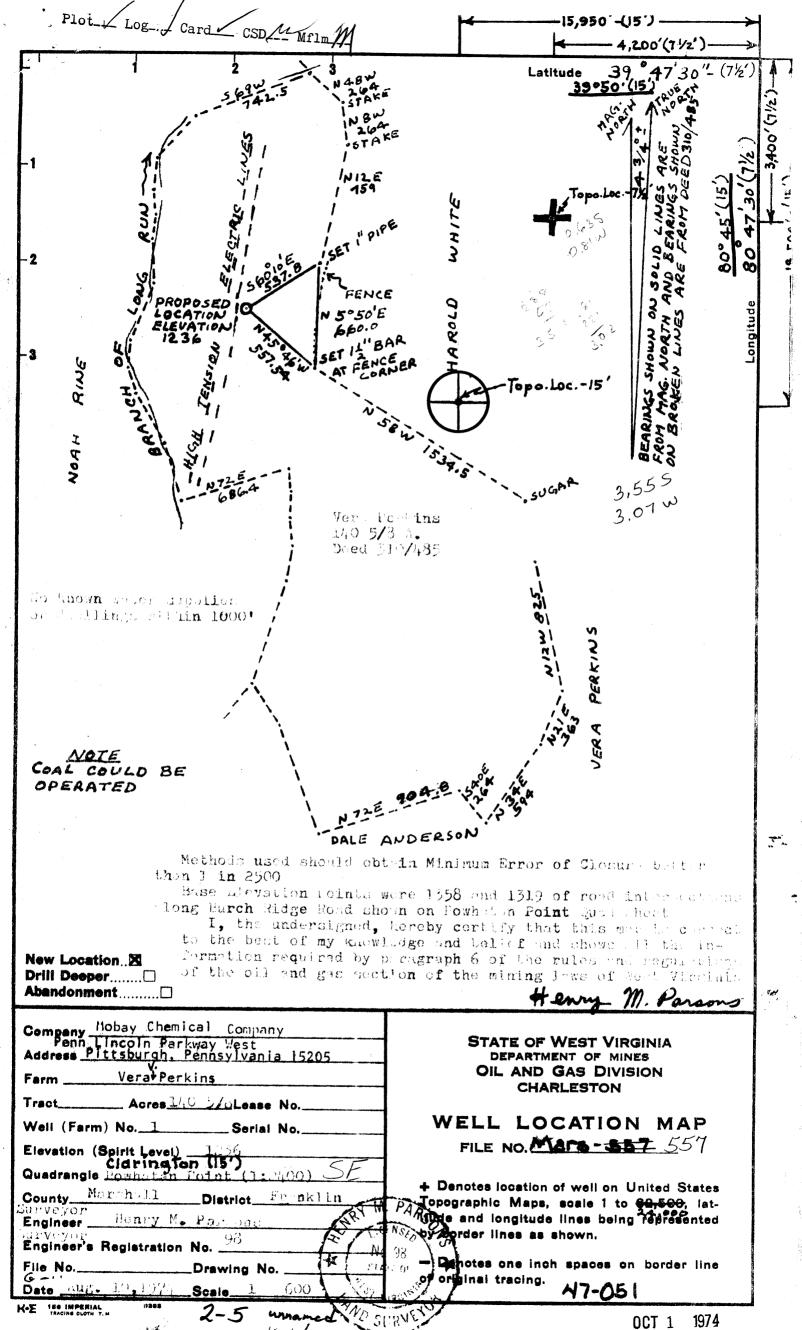
HIS DRAWING IS TO REPLACE THE ATTACHED DRAWING 39°47. \_ Latitude *3*9 7.5 (15') 4250 -> 350.46 55 Jw 198 NIZE S5E 151.14 759 57 W 147.18 0.635 SZE 280,51 J.80W 5212W384.8 SET 12 BAR K - 3 6E 143.9 NO KNOWN WATER SUPPLIES OR VERA PERKINS DWELLINGS WITHIN 140 % ACRES 1000 FEET SIBW DEED 310/485 534E 313.5 SET PIPE ON ROAD BANK ABOVE OLD ROAD IN LINE WITH OLD FENCE FOUND NOTE 904. COAL COULD BE ANDERSON OPERATED DALE Methods used should obtain Minimum Error of Closure better than I in 2500 Base Elevation Points were 1358 and 1319 of road intersections along Burch Ridge Road shown on Powhatan Point Quad Sheet. I, the UNDERsigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations New Location. ⊠ of the oil and gas section of the mining laws of West Virginia. Drill Deeper...... Henry M. Garsons Abandonment...... Haddad & Brooks, Inc. Compan 905 Washington Rd., Washington, Pa STATE OF WEST VIRGINIA Surface: Ellis V. Rine DEPARTMENT OF MINES Address OIL AND GAS DIVISION Vera Ferkins CHARLESTON Acres 140 5/8 Lease No. WELL LOCATION MAP Well (Farm) No. FILE NO. 47) ars - 557 1236 Elevation (Spirit Level) Quadrangle Powhatan Point (1;2400) + Denotes location of well on United States PA/Tonographic Maps, scale 1 to 62,500, lat-ENSE tude and longitude lines being refresented by bolder lines as shown. County Marshall District Franklin Henry M. Parsons rveyer <del>Enginee</del>r ). 93 Engineer's Registration No. 98 - Denotes one inch spaces on 9borde87ine VIRGIOT original tracing. Drawing No. Scale 311-6001 Date Aug. 26, 1974 SURY





STATE OF WEST VIRGINIA

#### **DEPARTMENT OF MINES**

# Oil and Gas Division WELL RECORD /

Quadrangle Powhatan Point

Permit No. Mars-557

	C	<b>5</b>	ME	
" دا	MAK	1 3	1975	

Rotary\_\_\_\_Oil\_\_\_\_
Cable\_\_X\_\_Gas\_\_X
Recycling\_\_Comb.
Water Flood\_Storage\_Disposal\_\_\_\_\_

remit No.	· · · · · · · · · · · · · · · · · · ·		Disposal	(Kind)
Company Mobay Chemical Corporation  Address Penn-Lincoln Parkway West, Pit  Farm Vera V. Perkins Acres 140 5/8	Casing and taburgh, Pa	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Location (waters) Long Run  Well No. 1 Elev. 1236  District Franklin County Marshall	Size 20-16 Cond. 13 3/8	' 192'		
The surface of tract is owned in fee by Vera V.  Perkins & Neva R. Blattler	13-10" 10 3/4 9 5/8		1310'	355 sks.*
Address 1008 5th St., Moundsville, WV  Mineral rights are owned by as above	8 5/8 7			
Address  Drilling Commenced 9-24-74	5 1/2 4 1/2			
Drilling Completed 2-5-75	3			
Initial open flow cu. ftbbls.  Final productio 25,250 cu. ft per daybbls.	Liners Used			
Well open 4 hrs. before test 420# RP. Well treatment details: Natural completion	Attach copy of c	ementing rec	ord.	

\* Cement did not circulate to surface. Finished cement job to surface by filling with 160 sacks.

Coal was encountered at 406', 470', 816' Feet Inches

Coal was encountered at 406', 470', 816' Feet Inches

Fresh water 90', 220' Feet Salt Water 950', 1190', 1620' Feet

Producing Sand Salt Sand Depth 1606-12

Formation Color Hard	or Soft	Top Feet	Bottom Feet	Oil, Gas or Water * Remarks
Clay gray	S	0	30	
Sand white	H	30	65	
Shale gray & red	S	65	105	Fresh water @ 90' 1 blr./hr.
Sand yellow	S	105	122	
Shale gray	S	122	125	
Lime brown	Н	125	1 30	
Sand &				· ·
Shale As above		130	150	
Shale red	S	150	190	14
Shale gray	H	190	214	
Sand gray	Н	214	224	Fresh water @ 220'
Shale gray	H	224	244	
Sand gray	Н	244	256	
Silt &				
Shale gray & red	Н	256	280	
Sand white	Н	280	290	
Shale gray	Н	290	320	
Sand &	_		020	
Shale gray	S	320	364	
Lime gray & brown		364	390	and the second s
	<b>-</b>	]	3,0	
		1	1	

(over)

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

Formation Color Hard or	Soft Top Feet	Bottom Feet	Oil, Gas or Water * Remarks
nd & Shale gray S	390	406	
al S ne <b>w</b> hite H	406	410	
e white H e & Shale gray H	410	440	G1
d gray H	484	484 494	Show of coal 470-75'
le & Sand gray S	494	573	
le red S	573	583	
le & Silt red & gry. S	583	621	
e & Shale gray H	621	720	
le Chocolate S e & Sand pink, brn H	720	740	
S S	740 816	816 824	Dittahungh and
le & Silt gr & red H	824	942	Pittsburgh coal
white H	942	953	Show of salt water
e & Lime gr & red H	953	1190	or pare water
d white H Le & Silt gray H	1190	1221	
e & Silt gray H l white H	1221	1284	
le & Silt gray H	1284	1292 1466	Chow of co-1 14104 14004
gray H	1466	1482	Show of coal 1410',1438'
e & Silt gray H	1482	1550	Show of coal 1497'
I-Sa/f white H&	S 1550	1690	Gas @ 1611'
e & Silt gray H	1690	1748	
gray H e & Silt gray H	1748	1770	
le & Silt gray H E lt. gray H	17 <b>7</b> 0 1850	1850	Dim Tim
d white H&		1890 1934	Big Lime Big Injun
1 & Shale wh. & gry.	1934	2175	Big injun
le gray H	2175	2338	
1 & Shale wh & gry H	2338	2390	
le gray H	2390	2550	
	2550	2556	
le gray S d gray S	2556 2926	2926 2938	Few streaks of hard sand
e & Shells gry H	2938	3490	
& Shale wh-gry. H	3490	3528	
le gray H	3528	4216	
e gray H	4216	4226	
e gray H	4226	4810	Total Depth in Mid. Dev. Sh.
'	1		<u>्र</u>
	1		
1850			
1850 .1236			
1850 . 1236 - 614			
1850 . 1236 614			
1850 1236 614			
1850 1236 1614			
1850 1236 614			
1850 1236 1014			

ext sall sa gas man 102 -2 mile to the smoth

3 \ \$18 \ \ (

Date	March 5.	19 75
Date		. 19 7 -

APPROVED Mobay Chemical Corp.

; Owner

By Se RUHUS
(Title)
Haddad and Brooks, Inc.





# OIL & GAS DIVISION DEPT. OF MINES

### Oil and Gas Division

## OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,	
Charleston, W. Va.	DATE August 19, 1974
Surface OwnerVera V. Perkins	Company Mobay Chemical Company
Address 1008 5th St., Moundsville, W Va.	Address Penn Lincoln Pkwy. West. Pittsburgh. Pa
Mineral Owner Vera V. Perkins & Neva R. Blattler	
Address 1008 5th St., Moundsville, W Va.	
Coal Owner Ohio Edison Company	
Address Akron, Ohio 44308	District Franklin County Marshall
Coal Operator same	
Addresssame	
THIS PERMIT MUST BE POSTED AT THE WELL SITE	INSPECTOR TO BE NOTIFIED & ANTI
All provisions being in accordance with Chapter 22,	
of the W. Va. Code, the location is hereby approved	Clarksturg (W.d. PH: 622-387)
for dulling This permit shall expire if	V 20/30/
operations have not commenced by 12-30-24	
Doset Toda	
Deputy Director - Oil & Gas Division	
CONTRACTOR OF THE CONTRACTOR O	
GENTLEMEN:	
	above named farm or tract of land for oil and gas, having fee
title thereto, (or as the case may be) under grant or lease da	ted April 3 1974 by Vera V. Perkins
& Neva R. Blattlehade to Mobay Chemical Company	and recorded on the 30th day of May
19_74 in Marshall County, Book 434	Page653
X NEW WELLDRILL DEEPER	REDRILLFRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRILLED	
	· · · · · · · · · · · · · · · · · · ·
The enclosed plat was prepared by a recorded engineer or have been notified as of the above date.	sed land surveyor and all coal owners and/or operators
The above named coal owners and/or operator are hereby no to make by Section 3 of the Code, must be received by, or file	otified that any objection they wish to make, or are required ed with the Department of Mines within ten (10) days. *
Copies of this notice and the enclosed plat were mailed by r	registered mail, or delivered to the above named coal operators
or coal owners at their above shown respective addresssame day with the mailing or delivery of this copy to the Depa	xtax xxxxxx the xxxxxxx xxxx xxxx xxx xxx xxx xxx xxx
and any with the manning of activity of this copy to the Bepa	MOBAY CHEMICAL COMPANY
V	ery truly yours,
· · · · · · · · · · · · · · · · · · ·	Sign Name) By JL Droths
PLEASE SUBMIT COPIES OF ALL	Well Operator Haddad & Brooks, In
GEOPHYSICAL LOGS DIRECTLY TO:	Penn Lincoln Parkway West
West Virginia Geological and Economic Survey	Street Pittsburgh
P. O. Box 879 Well Operat	Ur
Morgantown, W. Va. 26505 AC 304-296-4461	City or Town
W 001 DAO 1107	Pennsylvania
	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.



Mans-557 PERMIT NUMBER

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

PROPOS	ED WORK ORDER TO	Darill	DEEPEN	FRACTURE-STIMULATE
DRILLIN	G CONTRACTOR: (I	f Known)	RESPONSIBLE AGEN	IT:
NAME	<u>Union Drilling</u>		NAME Mobay Chem	nical Company
		st Virginia		insville, West Virginia
		10		455-4400
		LETED WELL: 4010	ROTARY	_ CABLE TOOLS X
PROPOSE	ED GEOLOGICAL FOR	MATION: Benson		
TYPE OF	WELL: OIL	X GAS X C	COMB STORAG	GE DISPOSAL
•		RECYCLI	NG WATER F	LOODOTHER
FG733 100 4 00 4			·	
TENTATI	VE CASING PROGRA	M:		
CASI	NG AND TUBING	USED FOR	LEFT IN	CEMENT FILL UP
	SIZE	DRILLING	WELL	OR SACKS - CUBIC I'T.
20 - 16	12 2/0	1501		
$\frac{13 - 10}{9 - 5/8}$	13 3/8	150'	12001	225 24 54 42 245
8 - 5/8	10 3/4	2116'	1300'	335 cu. ft to surface
7		2110		
5 1/2	·			
4 1/2			4010'	430 cu. ft.
3				Perf. Top
2				Perf. Bottom
Liners				Perf. Top Perf. Bottom
				Terr. Bottom
		0		950, 1230
				1960, 1990 FEET
APPROXI	MATE COAL DEPTHS	Pittsburgh Seam -	806',	
IS COAL	BEING MINED IN TH	IE AREA? <u>No</u>	BY WHOM?	
TO DRIL	L:			
SUB OF	MIT FIVE (5) COPIES	OF OG - 1, \$100.00 PERM	IT FEE, PERFORMANCE	BOND AND PERMANENT COPY
	L DEEPER OR REDRI	T T .	*	
*			INIAT DEPOSITE STREET	AND DEPOSIT
WEI	LLS DRILLED PRIOR ST ALSO BE SUBMITT	TO 1929, A PERMANENT C	OPY OF THE PLAT ANI	AND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD
TO FRAC	TURE - STIMULATE:			
OIL	AND/OR GAS WELL (	DRIGINALLY DRILLED REFO L'AND ORIGINAL WELL REG	RE JUNE 5, 1929, FIVE (	5) COPIES OG - 1, PERFORMANCE
				929, FIVE COPIES OG - 1, SHOW-
ING	ORIGINAL PERMIT NO	UMBER, AND PERFORMANCE	BOND.	929, FIVE COPIES OG - 1, SHOW-
Requ	uired forms must be file (24) hours in advance.	ed within ninety (90) days of	completion for bond releas	e. Inspector to be notified twenty-
·oui	(21) nours in auvance.	•		
The thereof.	following waiver must	be completed by the coal ope	erator if the permit is to b	e issued within ten days of receipt
WAIVER:	I the undersigned. Ag	ent for	Coal Company Own	ner or Operator of the coal under
		ned and place on our mine m		
				well being drilled at this location,
	providing operator has			d 7, Chapter 22 of the West Virginia
	Code.		173 273	
		$(\mathbf{r}_{i}, \mathbf{r}_{i}) = \mathbf{r}_{i} + \mathbf{r}_{i}$	· · · · · · · · · · · · · · · · · · ·	
				For Coal Company

Official Title

Sung

#### STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY OIL AND GAS WELLS DIVISION



AFFIDAVIT OF PLUGGING AND FILLING WELL

DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

NOV 2 3 1987

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Ohio Edison		Haddad &	Brooks, Inc.			
Coal Operator or Owner		Name of Well Operator				
76 S. Main St., Akron, OH 44308		905 Washin	gton Rd., Washington	n, PA 15301-115		
Address			Complete Addres	S		
Caral Orani		November 3	<del></del>	19 87		
Coal Operator o	r Owner		WELL AND LOCATION			
Address		Franklin		District		
	9.					
Joseph D. Parriott  Lease or Proper	tu Ormor	<u>Marshall</u>		_ County		
•	•					
PO Box 277, Moundsville Address	, WV 20041	WELL NO	One			
		V. Perkins		Τ		
				Farm		
STATE INSPECTOR SUPERVI	SING PLUGGING	Mike Under	wood 			
	AFF:	IDAVIT				
STATE OF WEST VIRGINIA,						
County of UPSHUR	ss:					
	-					
LARRY HELMICK			ARL CLUTTER	<del></del>		
peing first duly sworn	according to law de	epose and say the	hat they are experi	enced in the		
work of plugging and fi	lling oil and gas w	wells and were	employed by R. L.	Wharton LTD		
ing the above voll the	vell operator, and	participated in	n the work of plugg	ing and fill-		
ing the above well, that	said work was com	nmenced on the		tober,		
19 87, and that the v	veri was prugged ar	na fillea in the	e following manner:			
Sand or Zone Record						
	Filling M	laterial	Plugs Used	Casing		
Formation			Size & Kind	CSG CSG PULLED LEFT IN		
1625 - 1325	Cement					
1325 - 1350 1350 - 1275	Ge 1	<del></del>	10"	0 1310		
1275 - 0	Cement Ge1			<del>    </del>		
	Gei			<del>                                     </del>		
				<del>                                     </del>		
1						
		****				
7	<del>50 /)                                     </del>			<del>                                     </del>		
- Jak	16	7				
	7 1 16-81			1		
	117			<del>                                     </del>		
Coal Seams			Description of	Monument		
Name) 470-75			10" casing above grou	nd 30"		
Name) 816-24 Pgh (	Coal ·					
Name) 406						
Name)			<u> </u>			
and that the work o	f plugging and fil	ling said well	was completed on th	e <sup>30th</sup> day		
f October	, 19 <u>87</u> .	//				
And further deponen		Land	1. PAlesail			
•		w d	1000			
		Male	The Cluffe			
worn to and subscribed	before me this <u>3rd</u>	day of No	ovember 3,	, 19 <u></u> 93		
		Uli	ne Mussau	مر		
	The Constant Const. of 10 March 100 Constant	THE CONTRACT OF THE CONTRACT O	Notary Public			
y commission expires:	Corvin	OFFICIAL SEAL NOTARY PUB	LIC			
November 3, 1993		STATE OF WEST VIRG	INIA Pormit No. 47	'-051-0557-P		
		Ilene Murra Commissioned as Hene C	ay			
	Trans its	13 Eagle Street, Buckhannon	WV 26201 }			
	Total Park	My commission expires No	v. 3 1993 NOV 2 2	1007		