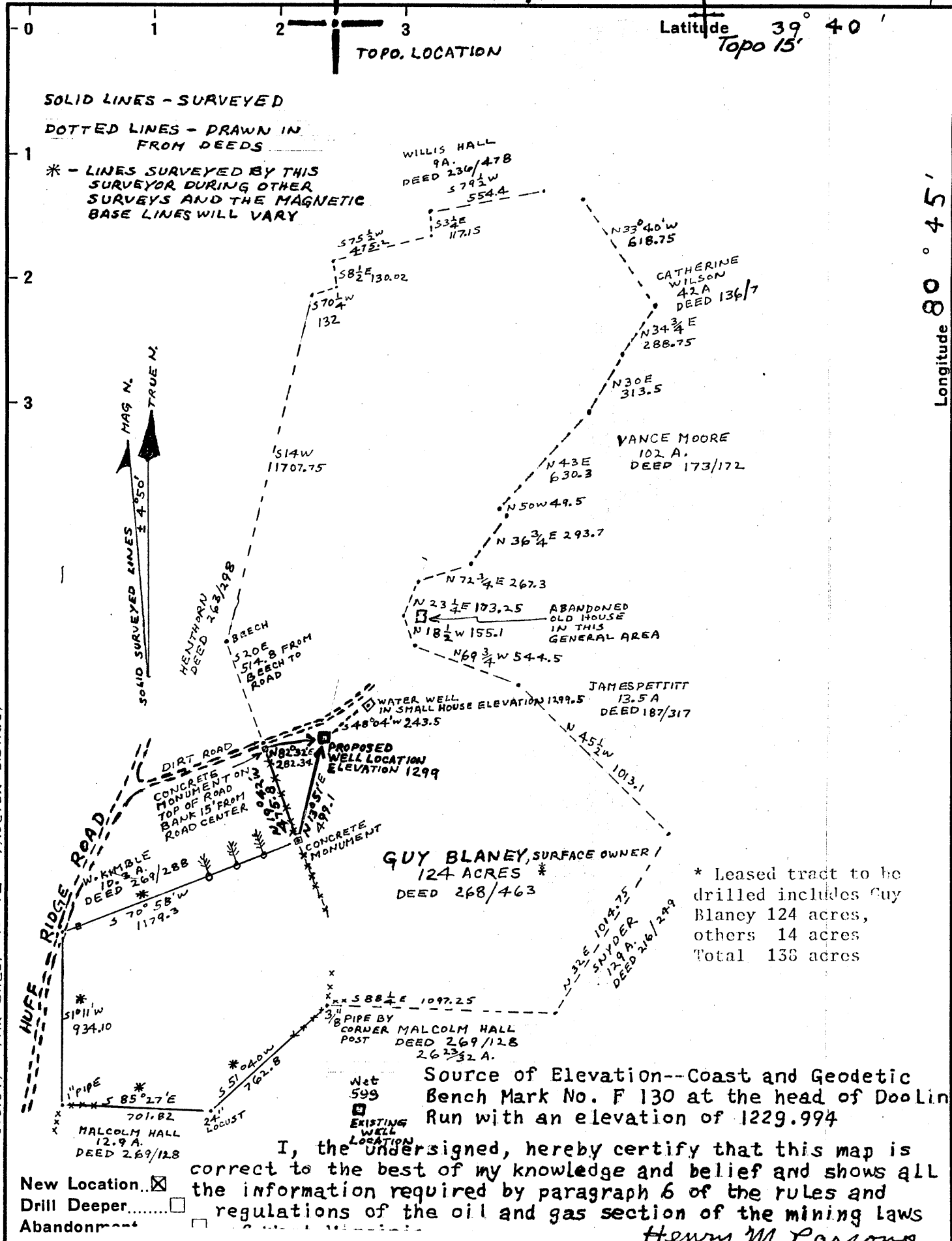


10,000

10,6,75 RY



* Leased tract to be drilled includes Guy Blaney 124 acres, others 14 acres Total 138 acres

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 of the oil and gas section of the mining laws

Henry M. Parsons

Company Haddad & Brooks, Inc.
 905 Washington Rd. Washington Pa. 15301
 Address Surface: Guy Blaney (L. Blake #1)

Farm Guy Blaney - SURFACE OWNER (124A)

Tract Leased Acres 138 Lease No. _____

Well (Farm) No. 1-Blake Serial No. _____

Elevation (Spirit Level) 1299

Quadrangle New Martinsville (1:24000)

County Wetzel District Proctor

Surveyor Henry M. Parsons

Engineer's Registration No. 98

File No. _____ Drawing No. 74-81-4

Date Oct. 1, 1975 Scale 1" = 600'

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

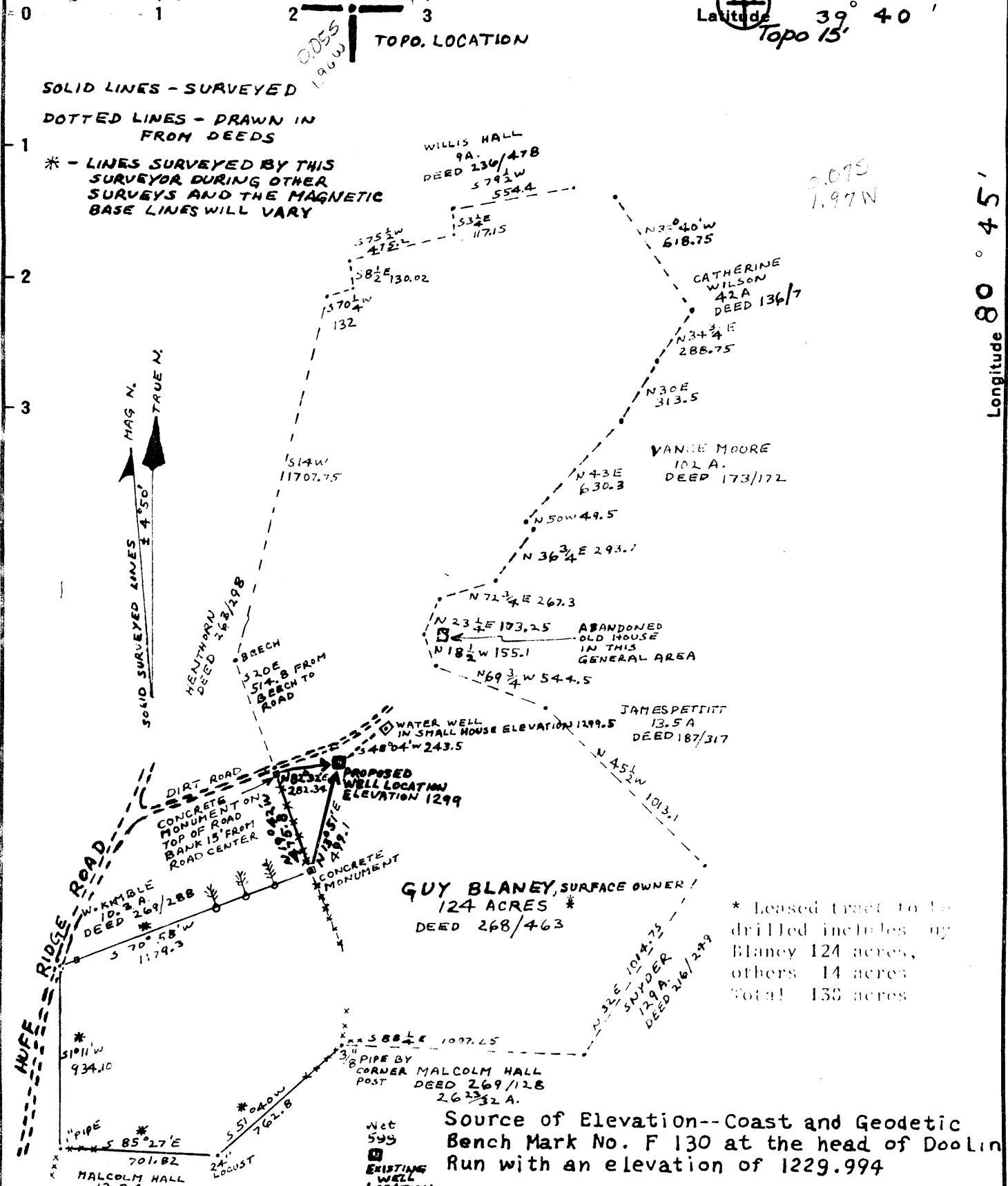
WELL LOCATION MAP
 FILE NO. WET-603 - P

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown. 24,000

JAN 05 1987

- Denotes one inch spaces on border line of original tracing.

47-103



COUNTY TAX MAP NO. 12 - PROCTOR DISTRICT

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 of the oil and gas section of the mining laws of West Virginia.

Henry M. Parsons

New Location Drill Deeper Abandonment

Company Mobay Chemical Corporation
 Address New Martinsville, W.Va.
 Farm Guy Blaney - SURFACE OWNER (124A)
 Tract Leased Acres 138 Lease No. _____
 Well (Farm) No. 1-Blake Serial No. _____
 Elevation (Spirit Level) 1299 EC
 Quadrangle 15 New Martinsville (1:24000)
 County Wetzel District Proctor
 Surveyor Henry M. Parsons
 Engineer's Registration No. 98
 File No. _____ Drawing No. 74-81-4
 Date Oct. 1, 1975 Scale 1" = 600'

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

WELL LOCATION MAP
FILE NO. WET-603

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

47-103



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Rotary _____ Oil _____
Cable X Gas _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ Temp. Abn. _____
(Kind)

Quadrangle New Martinsville (1:24,000)

Permit No. WET-603
47-103

Company <u>Mobay Chemical Corporation</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>Penn Lincoln Pkwy W, Pittsburgh, PA 15205</u>				
Farm <u>Lewis F. Blake</u> Acres <u>138</u>	Size			110 sks. to surface gelled 30 sks.
Location (waters) <u>McCloud Run</u>	20-16			
Well No. <u>1</u> Elev. <u>1299</u>	Cond.			
District <u>Proctor</u> County <u>Wetzel</u>	13-10"	388.5'	388.5'	
The surface of tract is owned in fee by <u>Guy Blaney et al</u>	9 5/8			
Address <u>P.O. Box 8, Bethesda, OH 43719</u>	8 5/8	1586'	1586'	
Mineral rights are owned by <u>Lewis F. Blake, Byron Hall & others</u>	7	2157'	2157'	
Address <u>Rt. 7, Bx 47, New Martinsville</u>	5 1/2			
Drilling Commenced <u>10/16/75</u>	4 1/2			
Drilling Completed <u>2/3/76</u>	3			
Initial open flow <u>TSTM</u> cu. ft. _____ bbls.	2			
Final production <u>TSTM</u> cu. ft. per day _____ bbls.	Liners Used			
Well open _____ hrs. before test <u>60#</u> RP.				

Well treatment details:

None; temporarily abandoned

Attach copy of cementing record:

Coal was encountered at 605-07 Feet _____ Inches _____
Fresh water 75 Feet _____ Salt Water 1805, 2231 Feet _____
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay	gray	soft	0	10		
Sand	gray	hard	10	25		
Shale	gray	soft	25	130		water @ 75'
Sand	gray	hard	130	135		
Redrock	red	soft	135	140		
Slate & lime	gray	hard	140	180		
Redrock	red	soft	180	198		
Sand	gray	hard	198	235		
Redrock	red	soft	235	248		
Slate, lime & redrock		hard	248	295		
Sand	gray	hard	295	305		
Slate, lime & redrock		hard	305	444		
Sand	gray	hard	444	478		
Slate & redrock		soft	478	513		
Sand	gray	hard	513	532		
Slate & lime	gray	soft	532	605		
Coal	black	soft	605	607		
Slate & lime	gray	soft	607	660		

2136
1288
887

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet / 5	Bottom Feet	Oil, Gas or Water	* Remarks
Sand	gray	hard	660	665		
Slate & lime	gray	soft	665	773		
Slate & redrock		soft	773	830		
Slate	gray	hard	830	875		
Slate & redrock		soft	875	888		
Sand	gray	hard	888	950		
Slate & lime	gray	hard	950	1016	Show of coal 975-80'	
Sand & slate	gray	hard	1016	1035	Show of coal 1026-30'	
Slate & lime	gray	hard	1035	1150	Show of coal 1050-55'	
Slate & redrock		soft	1150	1185		
Slate & lime	gray	hard	1185	1314		
Sand	gray	hard	1314	1326		
Slate, lime & redrock		hard	1326	1395		
Sand	gray	hard	1395	1423		
Slate & lime	gray	hard	1423	1564	Show redrock 1539-45'	
Sand	gray	hard	1564	1573		
Sand & slate	gray	hard	1573	1594		
Sand	gray	hard	1594	1612		
Slate	gray	hard	1612	1627		
Sand	gray	hard	1627	1745		
Slate & lime	gray	hard	1745	1810		
Sand	gray	hard	1810	1835	water	
Slate & lime	gray	hard	1835	2112		
Lime	lt.brown	hard	2112	2124		Little Lime*
Shale	gray	soft	2124	2136		
Lime	lt.brown	hard	2136	2203		Big Lime*
Sand	lt. gray	hard	2203	2412	water, SSG	Big Injun*
Sand & shale	lt. gray	hard	2412	2442		
Shale	gray	hard	2442	2564		
Shale & sand	gray	hard	2564	2664		
Shale	gray	hard	2664	2800		
Sand	lt. brown	hard	2800	2803		
Shale	gray	hard	2803	2880		
Shale & redrock		hard	2880	2940		
Slate & lime	gray	hard	2940	3103		
Sand	gray	hard	3103	3109		
Slate & lime	gray	hard	3109	3239		

T.D. 3239 Dev. Shale

Date April 9, 1976

APPROVED Mobay Chemical Corporation Owner

By Haddad and Brooks, Inc.

S.L. Brooks (Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

OCT 2 - 1975

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE October 1, 1975

Surface Owner Guy Blaney et al
Address P.O. Box 8, Bethesda, OH 43719
Mineral Owner Lewis F. Blake 1/2, Byron Hall & others 1/2
Address Rt. 7, Bx 47, New Martinsville, WV
Coal Owner Atlantic Richfield Company
Address 1500 Security Life Bldg. Denver, CO
Coal Operator None
Address _____

Company Mobay Chemical Corporation
Address Penn Lincoln Pkwy W, Pittsburgh, PA 15201
Farm Lewis F. Blake Acres 138
Location (waters) McCloud Run
Well No. 1 Elevation 1299
District Proctor County Wetzel
Quadrangle New Martinsville (1:24,000)

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 drilling. This permit shall expire if operations have not commenced by 2-6-76.

[Signature]
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Donald Connor
PH: 428-8172 ADDRESS Mineral Wells, WV

GENTLEMEN:

The undersigned well operator is entitled to drill upon 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 lease dated March 13, 19 75 by Lewis F. Blake et ux made to Mobay Chemical Corporation and recorded on the 26th day of March 19 75, in Wetzel County, Book 55 Page 203

NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505
AC 304-296-4461

Very truly yours, Mobay Chemical Corporation

(Sign Name) by: [Signature]

Address
of
Well Operator

Well Operator
HADDAD AND BROOKS, INC.
Penn Lincoln Parkway West
Street
Pittsburgh
City or Town
Pennsylvania 15205
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.

BLANKET BOND

Wet-603 PERMIT NUMBER
47-103

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

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Union Drilling Company NAME Mobay Chemical Corporation
 ADDRESS Buckhannon, WV ADDRESS New Martinsville, WV
 TELEPHONE 304-472-4610 TELEPHONE 304-455-4400
 ESTIMATED DEPTH OF COMPLETED WELL: 3200 ROTARY _____ CABLE TOOLS X
 PROPOSED GEOLOGICAL FORMATION: Gordon
 TYPE OF WELL: OIL _____ GAS _____ COMB. X STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10	350	350	Cement to surface
9 - 5/8			
8 - 5/8	1600		gel to surface
7	2150	2150	20 sks. & gel to surface
5 1/2			
4 1/2	3200	3200	100 sks.
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 125 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS 400, 500, 700 , 1050 (Pittsburgh)
 IS COAL BEING MINED IN THE AREA? No BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title

