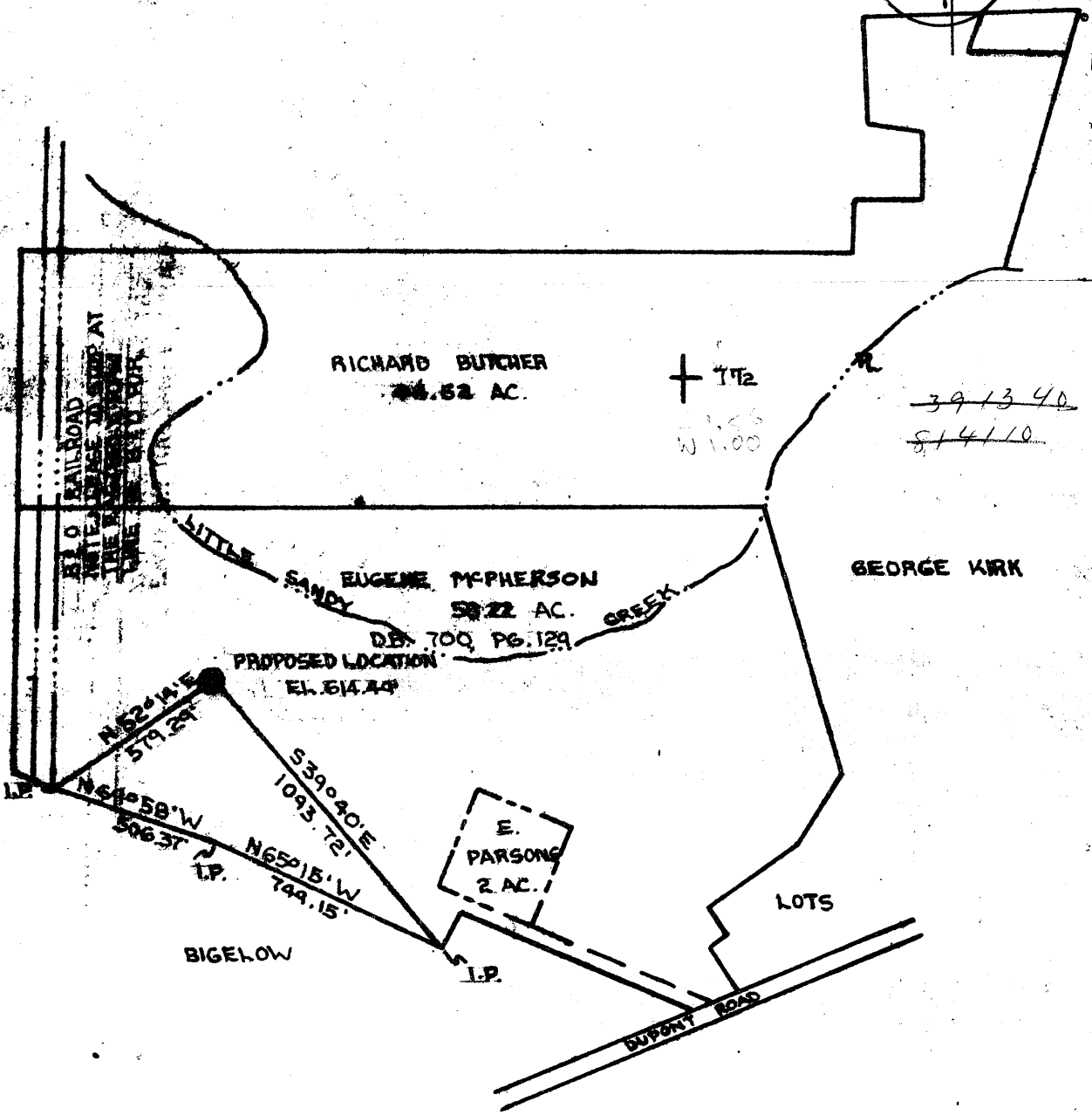


Latitude 39° 15'

Longitude 81° 40'

1.563
1.04W
S 1.56
W 1.00



CERTIFICATE

"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." MINIMUM DEGREE OF ACCURACY IS ONE PART IN 200'

SIGNED *James L. DeBrular* L.S. #238

New Location
 Drill Deeper
 Abandonment

Company E. I. DU PONT DE NEMOURS & COMPANY
 Address P.O. BOX 1217 PARKERSBURG, W. VA.
 Farm MC PHERSON
 Tract _____ Acres 108.84 Lease No. MCPHERSON
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 614.49'
 Quadrangle BELLEUILLE 15
LUBECK 712 PARKERSBURG
 County WOOD District LUBECK
 Surveyor JAMES L. DEBRULAR
 Surveyor's Registration No. 238
 File No. _____ Drawing No. _____
 Date APRIL 19, 1979 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. **47-107-0895**

+ Denotes location of well on United States Topographic Maps, scale 1 to 25,000, latitude and longitude lines being represented by border lines as shown.

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

JUN 26 1979



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OFFICE OF GAS DIVISION
DEPT. OF MINES

WELL RECORD

Belleville 15"
Quadrangle Little Hocking 7 1/2
Permit No. 47-107-0895

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

Company E.I. DuPont de Nemours & Company
Address P.O. Box 1217, Parkersburg, W. Va.
Farm E. McPherson Acres 102
Location (waters) Ohio River
Well No. One (G-16) Elev 614.49
District Lubeck County Wood
The surface of tract is owned in fee by _____
E. McPherson
Address Washington, W. Va.
Mineral rights are owned by E. McPherson
Address Washington, W. Va.
Drilling Commenced Aug. 3, 1979
Drilling Completed Aug. 15, 1979
Initial open flow sh gas cu. ft. _____ bbls.
Final production 800 m cu. ft. per day -- bbls.
Well open _____ hrs. before test 1600 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu ft. (Sks.)
Size 20-16			
Cond.			
13-10" 11 3/4	115	115	130 sx
9 5/8			
8 5/8	2200	2200	605 sx
7			
5 1/2	4119	4119	20 sx
4 1/2			
3			
2		4120	
Liners Used			

Well treatment details:

Attach copy of cementing record.

Water frac - Halliburton 8/22/79
200 gal acid - 820 bbl. water - 20,000# 20/40 mesh sand 800 MCF

Coal was encountered at None Feet _____ Inches _____
Fresh water 20 Feet _____ Salt Water 1540 Feet _____
Producing Sand Oriskany Depth 4134-4154

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand, gravel			0	90		All depths from KB elevation - 630.49 -
shale, silt			90	740		
sand			740	775		
shale, silt			775	824		
sand			824	926		
shale, silt			926	1140		
sand			1140	1200		
shale			1200	1310		
sand			1310	1520		
shale, silt			1520	1830		
sand			1830	1832		
shale, silt			1832	4034		
Limestone			4034	4134		
sand, Limestone			4134	4154		

(over)

* Indicates Electric Log tops in the remarks section.

MAR 31 1980

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Rev. - 71

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RECEIVED
JUN 15 1979

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

Oil and Gas Division DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE June 12, 1979

Surface Owner Eugene W. McPherson
Address Washington, WV
Mineral Owner same
Address _____
Coal Owner None
Address _____
Coal Operator None
Address _____

Company E. I. Du Pont de Nemours & Co., Inc.
Address P.O. Box 1217, Parkersburg, WV 26101
Farm Eugene W. McPherson Acres 58.22
Location (waters) Ohio River & Sandy Creek
Well No. _____ Elevation 614.49'
District Lubeck County Wood
Quadrangle Lubeck

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 2-18-80.

INSPECTOR
TO BE NOTIFIED K. P. Goodnight
ADDRESS _____
PHONE _____

Ralph E. Sieber
Deputy Director - Oil & Gas Division

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 June 30 1975 by Ernest L. & Hortense E. Parsons made to Carl E. Smith, Inc. and recorded on the 28th day of July 1975, in Wood County, Book 656 Page 68

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, WEST VIRGINIA 26505
AC-304 - 292-6331

Address of Well Operator

Very truly yours,
(Sign Name) Ralph E. Sieber
Well Operator Ralph E. Sieber
P. O. Box 1217
Street
Parkersburg
City or Town
West Virginia 26101
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

"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."
Signed by Ralph E. Sieber
Ralph E. Sieber

47-107-0895 PERMIT NUMBER

