

J. B. DEWHURST

OWNERSHIP

No coal mined in this area
 Surface: - J. B. Dewhurst Hrs., Jacksonburg, W. Va.
 Oil & Gas: Mabel Smith Hefner, et al
 Jacksonburg, W. Va.

LEGEND.

- Lines plotted from deed calls
- Surveyed Lines
- Roads
- Well Location

Minimum Error of Closure 1 in 200'

Source of Elevation USGS B.M. 4300 East from location 976'

Fracture.....
 New Location
 Drill Deeper..... 9/17/73
 Abandonment..... 5/14/75 - UNC. Map No.

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.

Signed: [Signature]
 Squares: N S E W

Company Farrell L. Prior
 Address 717 Union Trust Bldg. Parkersburg, W. Va.
 Farm J. B. Dewhurst
 Tract _____ Acres 2,200 Lease No. _____
 Well (Farm) No. Seventeen Serial No. _____
 Elevation (Spirit Level) 1136
 Quadrangle Center Point 7 1/2, 15' NC
 County Wetzel District Grant
 Engineer [Signature]
 Surveyor's Registration No. 1227
 File No. _____ Drawing No. _____
 Date Sept 18, 1979 Scale 1" = 1000'

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

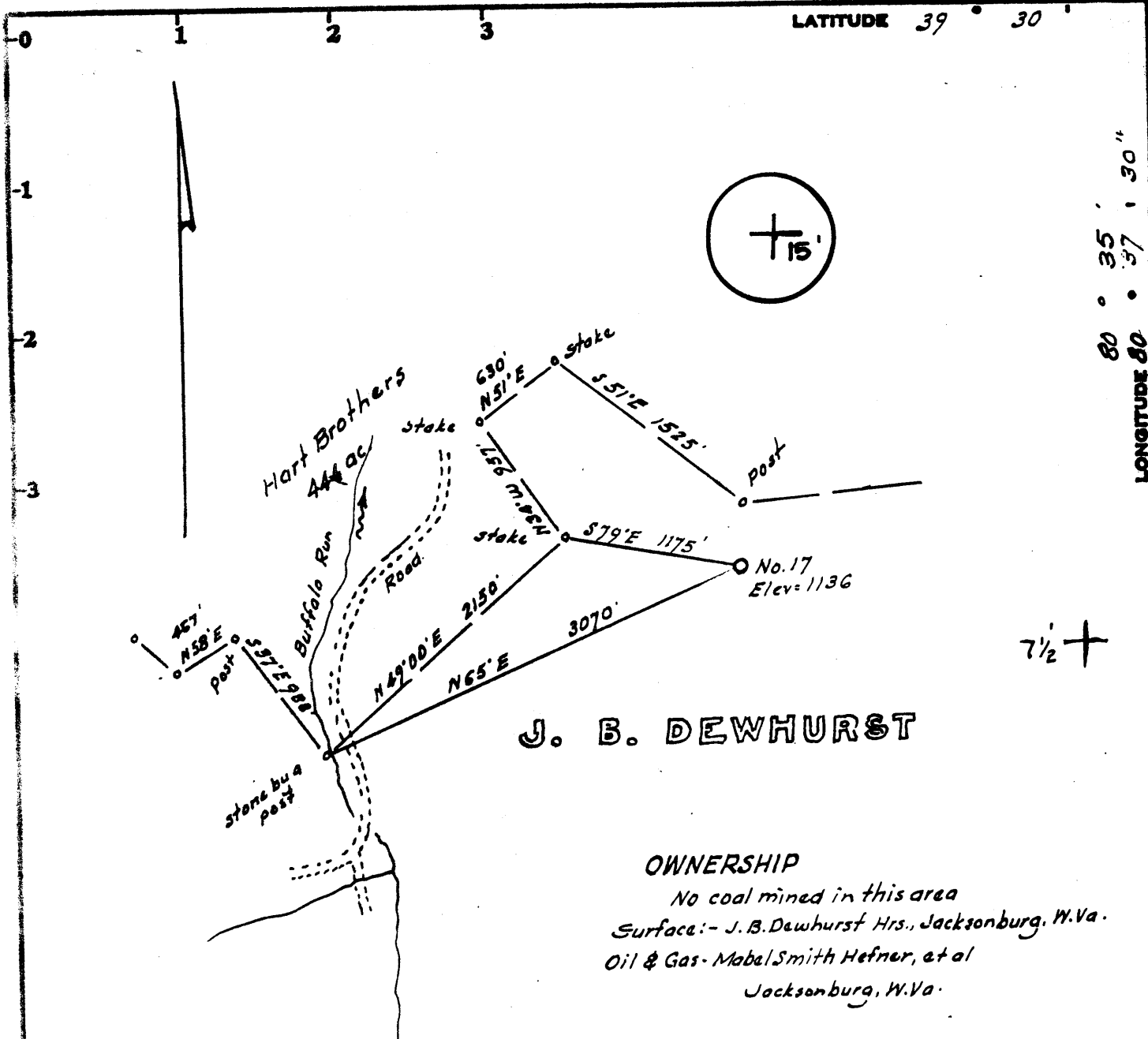
WELL LOCATION MAP

FILE NO. **47-103-0477-DD**

Plugging Cancelled.
 + Denotes location of well on United States Topographic Maps, scale 1 to ^{24,000} ~~62,500~~ latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.

LATITUDE 39° 30'

LONGITUDE 80° 35' 30"



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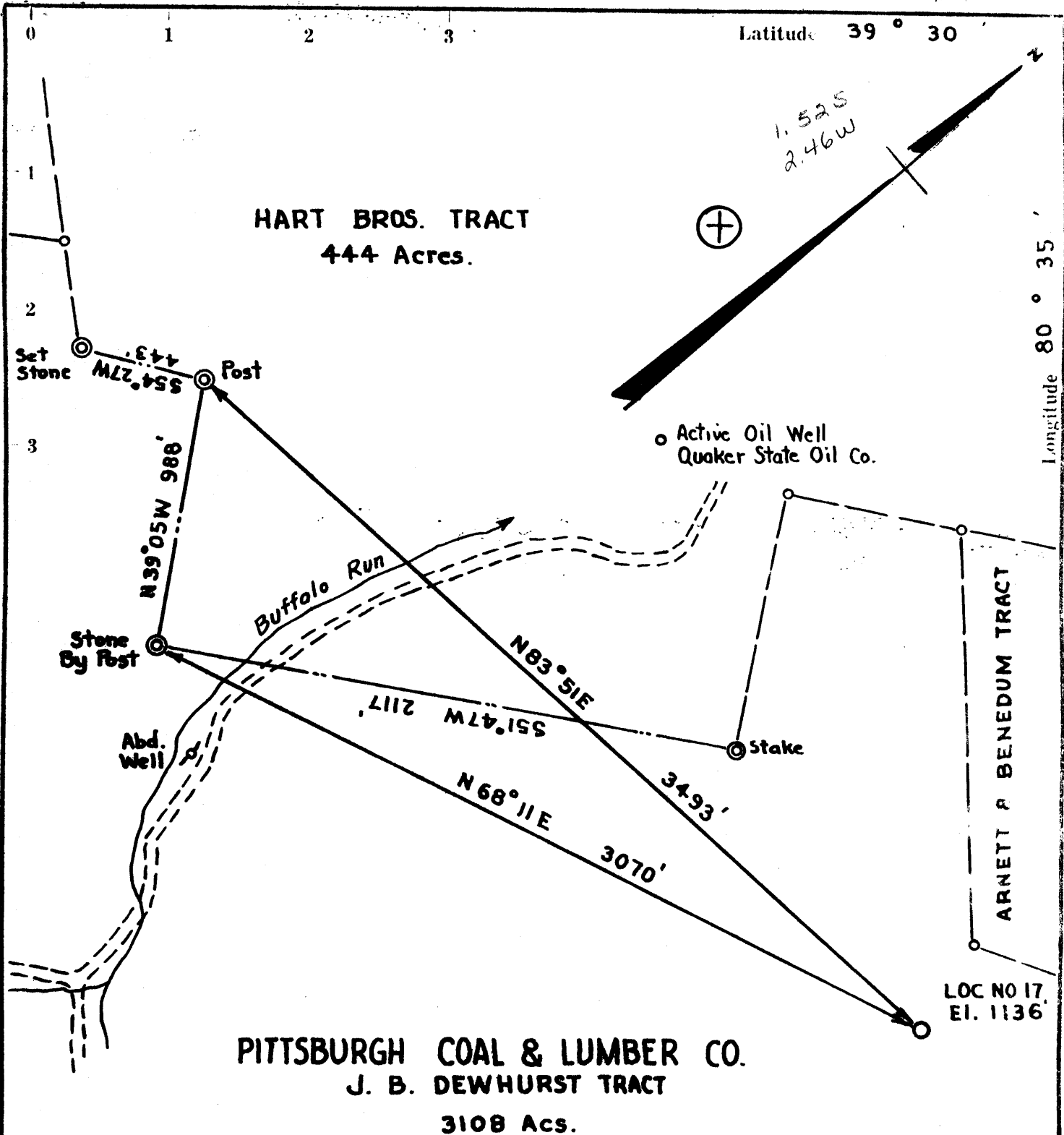
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11.17 21



PITTSBURGH COAL & LUMBER CO.
J. B. DEWHURST TRACT
 3108 Acs.

LOC NO 17
 EL. 1136

New Location
 Drill Deeper
 Redrill
 Abandonment *issued - 5/14/75*

LEE SCOTT- 400 STATE STREET-COLUMBUS, OHIO
 Company ~~IMPERIAL OIL COMPANY~~
 Address ~~CARLTON HOUSE SUITE 104~~
 PITTSBURGH PA
 Farm J. B. DEWHURST TRACT

Tract _____ Acres **3108** Lease No. _____
 Well (Farm) No. **17** Serial No. _____
 Elevation (Spirit Level) **1136' NC**
 Quadrangle **CENTER POINT NE 1-1**
 County **WETZEL** District **GRANT**
 Engineer *Henry A. Shuster*
 Engineer's Registration No. **2470**
 File No. _____ Drawing No. _____
 Date **MARCH 30, 1960** Scale **1" = 500'**

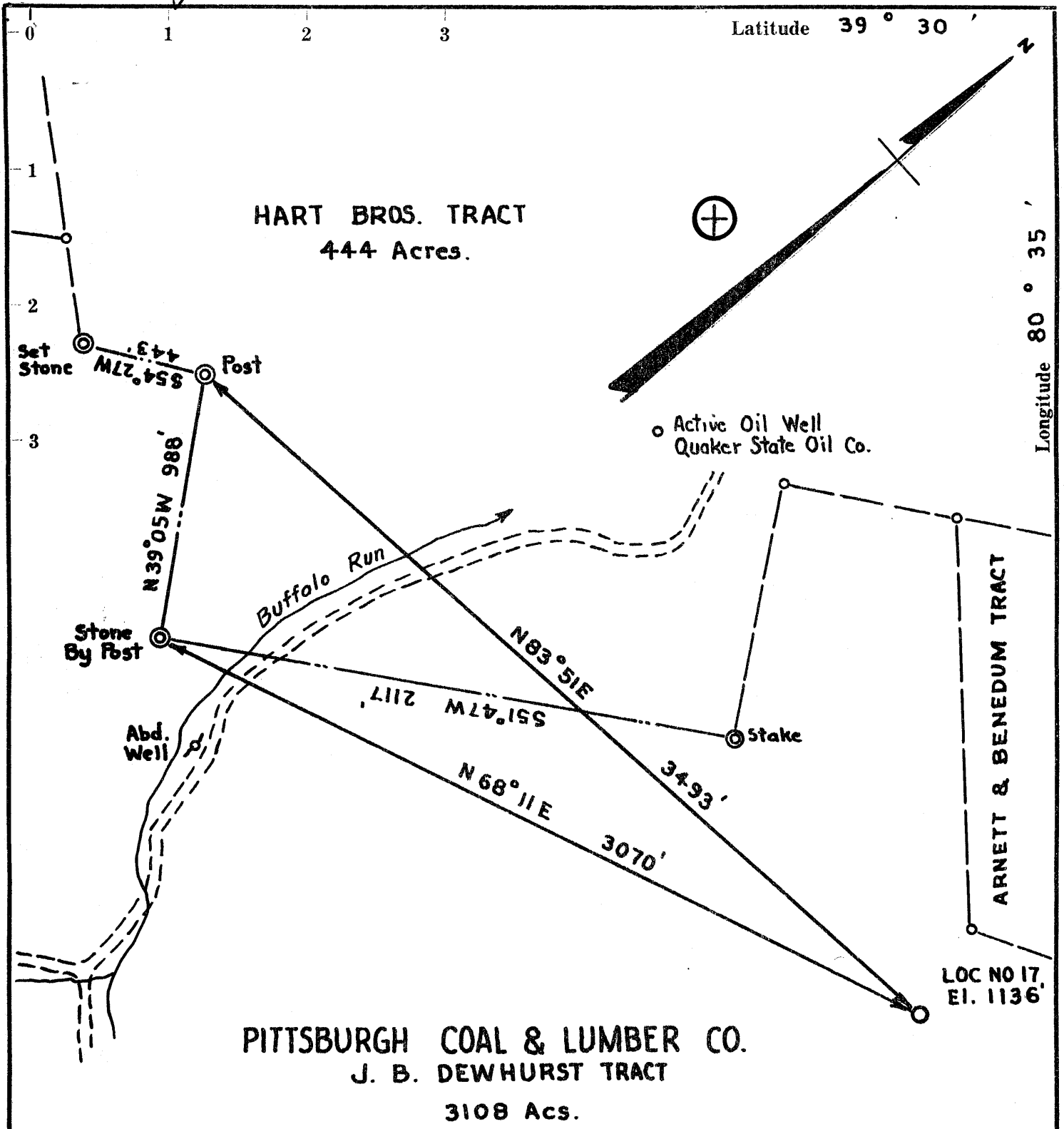
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. **WET-477-P**

ALREADY PLOTTED
 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 MAY 29 1975



New Location
 Drill Deeper
 Redrill
 Abandonment *issued 7/24/74*
 Company *Imperial Oil Company*
 Address *Pittsburgh PA Parkersburg*
 Farm *J. B. DEWHURST TRACT*
 Tract _____ Acres **3108** Lease No. _____
 Well (Farm) No. **17** Serial No. _____
 Elevation (Spirit Level) **1136'** *NC*
 Quadrangle **CENTER POINT #2 1-1/2**
 County **WETZEL** District **GRANT**
 Engineer *Henry A. Shuchter*
 Engineer's Registration No. **2470**
 File No. _____ Drawing No. _____
 Date **MARCH 30, 1960** Scale **1" = 500'**

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

WELL LOCATION MAP
FILE NO. **WET-477-P**

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47-103

Latitude 39° 30'

Longitude 80° 35'

HART BROS. TRACT
444 Acres.

1535
244W
+

Set Stone MLZ. 44.4
SS 4.27W

N 39° 05' W 988'

Stone By Post

Buffalo Run

Abd. Well

N 83° 51' E

SS 1° 47' W 2117'

Stake

N 68° 11' E

3493'

3070'

ARNETT & BENEDEUM TRACT

LOC NO 17,
El. 1136'

PITTSBURGH COAL & LUMBER CO.
J. B. DEWHURST TRACT
3108 Acs.

- New Location.
- Drill Deeper.
- Redrill
- Abandonment

Company **IMPERIAL OIL COMPANY**

Address **CARLTON HOUSE SUITE 504
PITTSBURGH 19 PA**

Farm **PITTSBURGH COAL & LUMBER CO.
J. B. DEWHURST TRACT**

Tract _____ Acres **3108** Lease No. _____

Well (Farm) No. **17** Serial No. _____

Elevation (Spirit Level) **1136'**

Quadrangle **NC CENTER POINT NE 1-1**

County **WETZEL** District **GRANT**

Engineer **Henry A. Shuster**

Engineer's Registration No. **2470**

File No. _____ Drawing No. _____

Date **MARCH 30, 1960** Scale **1" = 500'**

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

WELL LOCATION MAP
FILE NO. **WET-477**

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6-6 95



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 19

Quadrangle Center Point NE

Permit No. WET-477

WELL RECORD

Oil or Gas Well OIL

Company IMPERIAL OIL COMPANY
Address 504 Carlton House, Pittsburgh 19, Pa.
Farm J. B. Dewhurst Acres 2200
Location (waters) Buffalo Run
Well No. Seventeen (17) Elev. 1136'
District Grant County Wetzel
The surface of tract is owned in fee by S. A. Smith, L.
Blanche Smith; Wm. C. Kerns & Robert M.
Kerns, Trustees under will of J. W. Kerns;
Mineral rights are owned by Alma Carlin Pigott
Address _____

Drilling commenced June 4, 1960
Drilling completed July 29, 1960
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil Natural 240 _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	471 ft.	None	Size of
8 3/4	1317 ft.	None	
6 3/4		2020'	Depth set
5 3/16			
3			Perf. top
2		2015'	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 7" SIZE 2020' No. Ft. 7-30-60 Date _____

COAL WAS ENCOUNTERED AT 850 FEET 12 INCHES
____ FEET _____ INCHES FEET _____ INCHES
____ FEET _____ INCHES FEET _____ INCHES

WELL FRACTURED NO

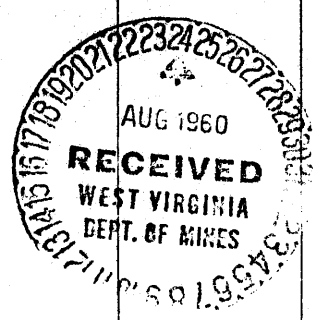
RESULT AFTER TREATMENT _____

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water NO WATER Feet 90' Salt Water _____ Feet 1377'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	20			
sand			20	28			
slate & shells			28	75			
Red Rock			75	115			
slate & shells			115	140			
Red Rock			140	178			
sand			178	206			
slate & shells			206	245			
Red Rock			245	258			
slate & shells			258	330			
lime			330	370			
slate & shells			370	408			
sand			408	436			
slate & shells			436	558			
Red Rock			558	570			
slate & shells			570	615			
Lime			615	675			
Red Rock			675	682			
slate & shells			682	690			
Lime			690	755			
slate & lime			755	850			
show coal Pbg.			850	851			
slate & lime			851	937			
Pink Rock			937	945			
slate & shells			945	980			
Red Rock			980	995			

1136
850
286



(over)

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
slate & lime			995	1028			
Red Rock			1028	1052			
slate & shells			1052	1095			
Red Rock			1095	1115			
slate & shells			1115	1182			
Big Red			1182	1208			
✓ Little Dunkard			1208	1222			
slate & shells			1222	1291			
✓ Big Dunkard S and			1291	1328			
slate & lime			1328	1377			
✓ Sand			1377	1472	(Gas show)	1 bailer water in 12 hrs.	
slate & shells			1472	1492			
✓ 1st Salt Sand			1492	1540			
slate & shells			1540	1572			
✓ Sand			1572	1592			
slate & shells			1592	1661			
lime		gritty	1661	1680			
slate & shells			1680	1756			
sand & lime			1756	1777			
slate & shells			1777	1917			
Sand			1917	1945			
slate & shells			1945	2015			
✓ Sand (Maxton)			2015	2047	Gas and Oil		2015
TOTAL DEPTH			2047				1126 877

Date August 22, 1960

APPROVED IMPERIAL OIL COMPANY, Owner

By *Robert G. Maxton* (Title) President



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

SEP 17 1979

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 September 17, 1979

Surface Owner J. B. Dewhurst Heirs

Company Ferrell L. Prior

Address Jacksonburg, W. Va.

Address 717 Union Trust Bldg. Parkersburg

Mineral Owner Mabel Smith Heefner et al

Farm J. B. Dewhurst Acres 2200

Address Jacksonburg, W. Va.

Location (waters) Buffalo Run of Fishing Creek

Coal Owner N/A

Well No. 17 Elevation 1136

Address N/A

District Grant County Wetzel

Coal Operator N/A

Quadrangle Center Point 15' Center Point 7

Address N/A

PERMIT MUST BE POSTED AT THE WELL SITE
Operations being in accordance with Chapter 22,
of the W. Va. Code, the location is hereby approved
for deepening This permit shall expire if
operations have not commenced by 5-17-80
Robert L. [Signature]
Deputy Director - Oil & Gas Division

INSPECTOR Phil Tracy

TO BE NOTIFIED K. P. Goodnight

Middlebourne, W. Va.

ADDRESS Smithville, W. Va.

PHONE 477-3660 758-4573

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 February 22 1979 by Mary Anne Eddy made to John Underwood and recorded on the 28th day of February 1979 in Wetzel County, Book 58 Page 235

NEW WELL XX DRILL DEEPER REDRILL FRACTURE OR STIMULATE
XX 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

Very truly yours, Ferrell L. Prior

(Sign Name) [Signature]
Well Operator

Address of Well Operator 717 Union Trust Bldg
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.

47-103-0477-DD

PERMIT NUMBER

"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 _____

BLANKET BOND

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

PROPOSED WORK ORDER TO _____ DRILL XX DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME Gene Stalnaker, Inc. NAME Vearl Summers
 ADDRESS P. O. Box 9 Letter, Gap W. Va. ADDRESS P. O. Box 1486, Parkersburg, WVA
 TELEPHONE 462-7092 TELEPHONE 485-7419
 ESTIMATED DEPTH OF COMPLETED WELL: 3500 ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Fifth Sand
 TYPE OF WELL: OIL _____ GAS _____ COMB. XX 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	471	None	
9 - 5/8			
8 - 5/8	1317	None	
7	1		
5 1/2			
4 1/2		3500	
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 400 FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS N/A
 IS COAL BEING MINED IN THE AREA? N/A 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