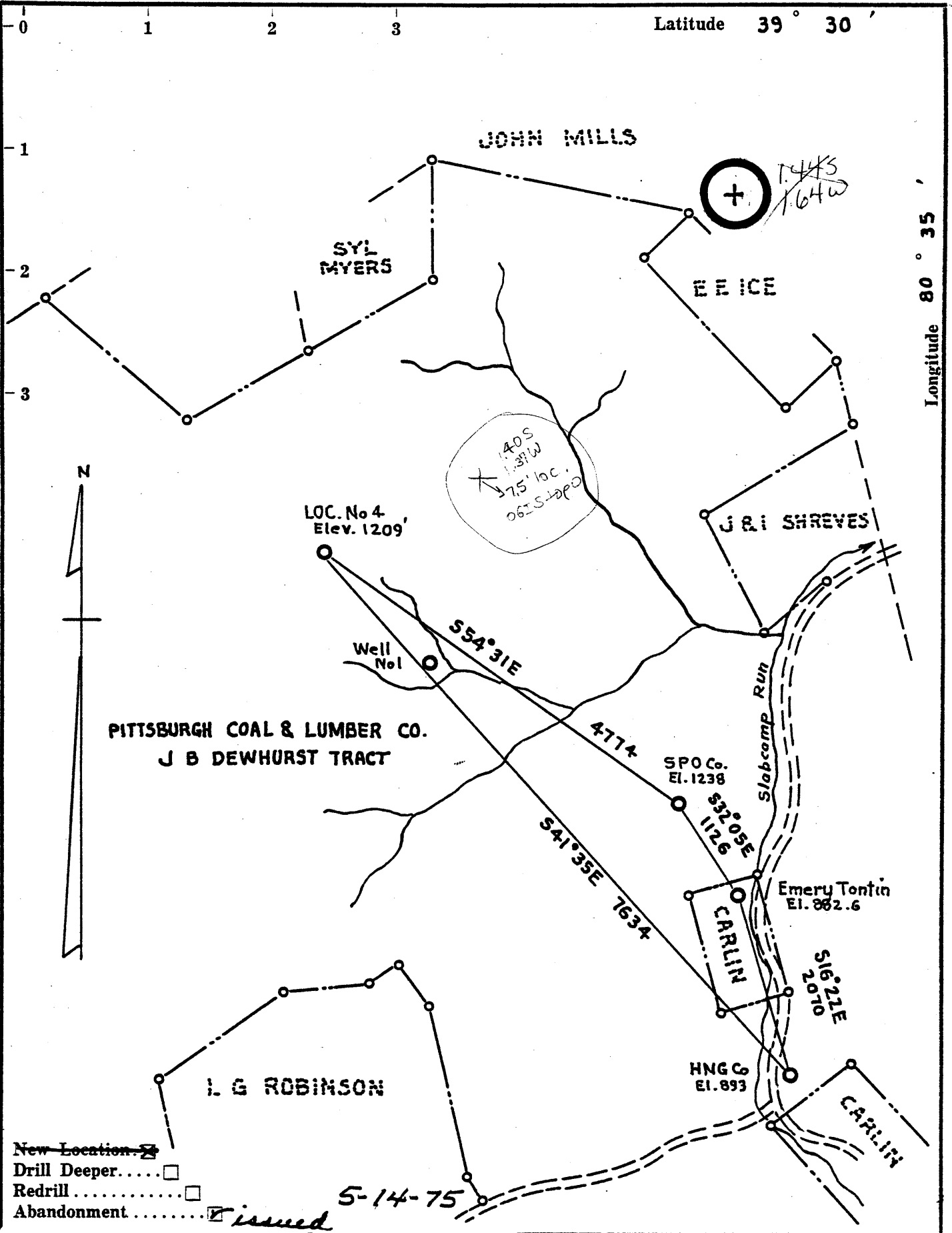


11, 1472 E



Company FERRELL PRIOR

Address Box 1486, Parkersburg, W.V. 26101

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

Tract \_\_\_\_\_ Acres 2200 Lease No. \_\_\_\_\_

Well (Farm) No. 4 Serial No. \_\_\_\_\_

Elevation (Spirit Level) 1209' 1124.15

Quadrangle CENTER POINT NET

County WETZEL District GRANT

Engineer Henry A. Shuehler

Engineer's Registration No. 2470

File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_

Date NOV. 20, 1959 Scale 1" = 1320'

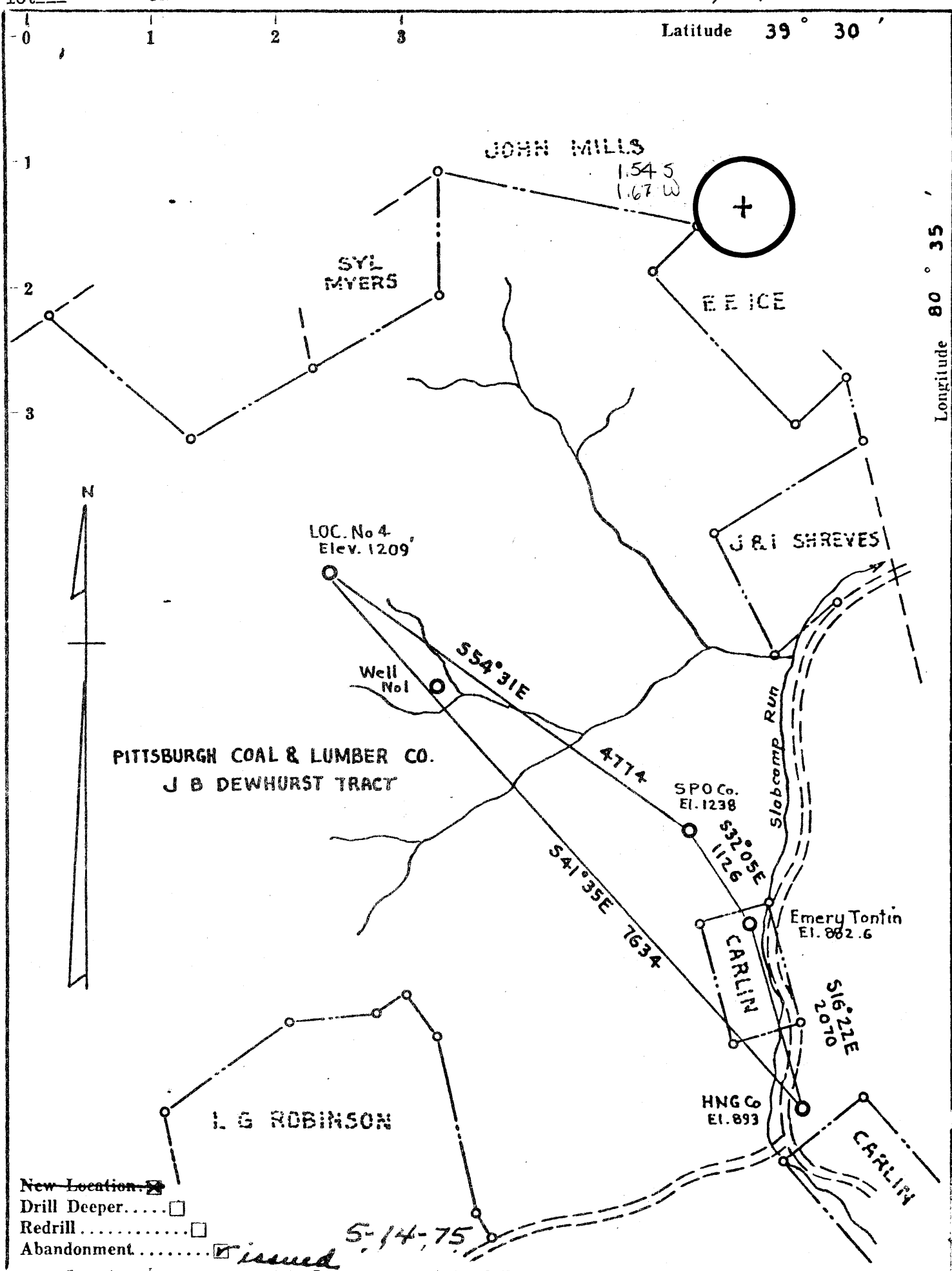
STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION  
CHARLESTON

WELL LOCATION MAP  
FILE NO. 103- WET-473-P-DD

+ 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



- 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 154~~  
~~PITTSBURGH, PA.~~  
 Farm PITTSBURGH COAL & LUMBER Co.  
 J. B. DEWHURST TRACT

Tract	Acres 2200	Lease No.
Well (Farm) No.	4	Serial No.
Elevation (Spirit Level)	1209'	
Quadrangle	CENTER POINT NE 1 <sup>1</sup> / <sub>2</sub>	
County	WETZEL	District GRANT
Engineer	<i>Hugh A. Shreves</i>	
Engineer's Registration No.	2470	
File No.	Drawing No.	
Date NOV. 20, 1959	Scale 1" = 1320'	

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

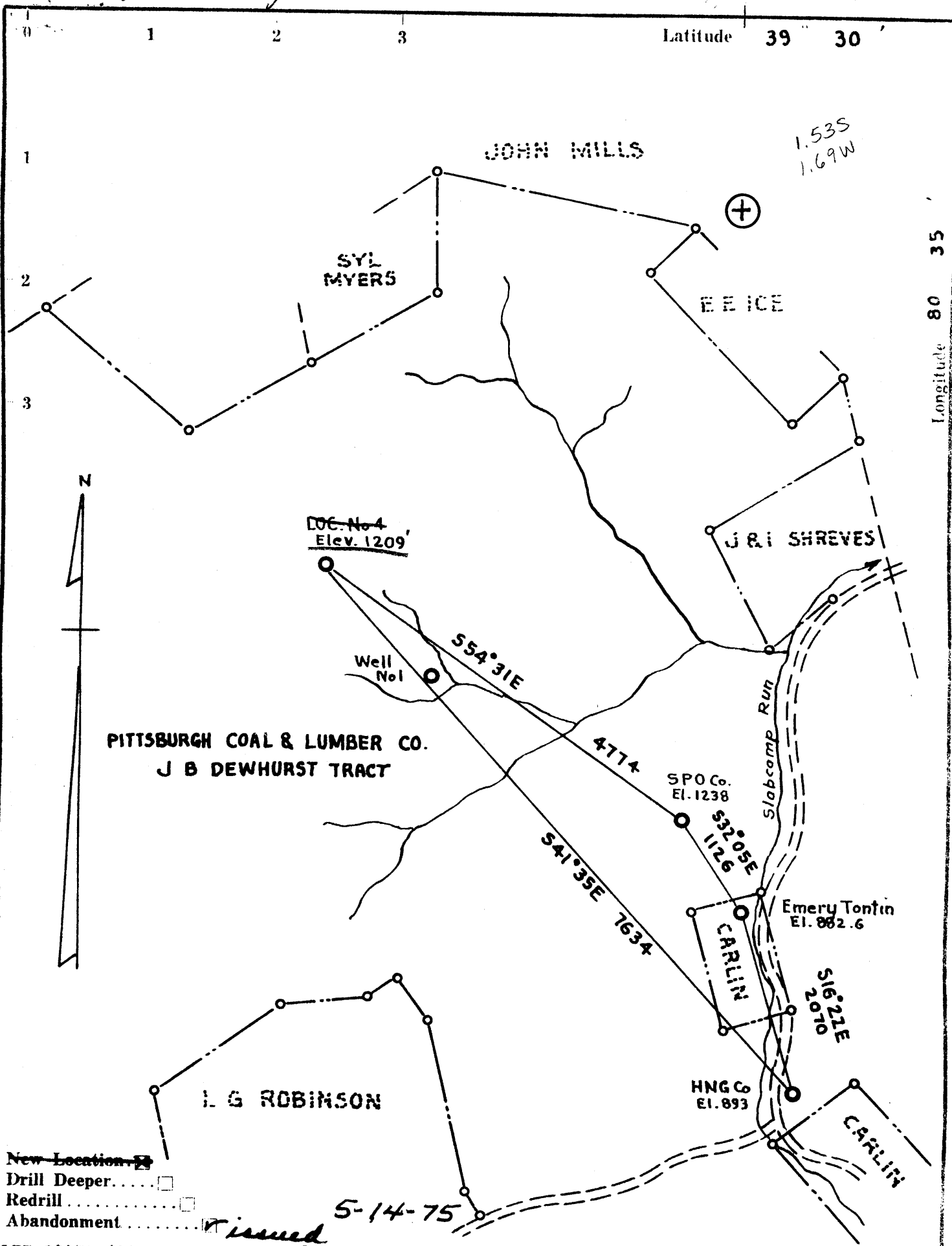
WELL LOCATION MAP

FILE NO. WET-473-P

*Plugging cancelled*  
 + 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



New Location   
 Drill Deeper   
 Redrill   
 Abandonment

LEE SCOTT-400 STATE STREET-COLUMBUS, OHIO  
 Company ~~IMPERIAL OIL COMPANY~~  
 Address ~~CARLTON HOUSE, SUITE 134~~  
~~PITTSBURGH, PA.~~  
 Farm PITTSBURGH COAL & LUMBER CO.  
 J. B. DEWHURST TRACT

Tract \_\_\_\_\_ Acres 2200 Lease No. \_\_\_\_\_  
 Well (Farm) No. 4 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1209'  
 Quadrangle CENTER POINT NE 1-NC  
 County WETZEL District GRANT  
 Engineer *Henry A. Thresher*  
 Engineer's Registration No. 2470  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date NOV. 20, 1959 Scale 1" = 1320'

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

WELL LOCATION MAP

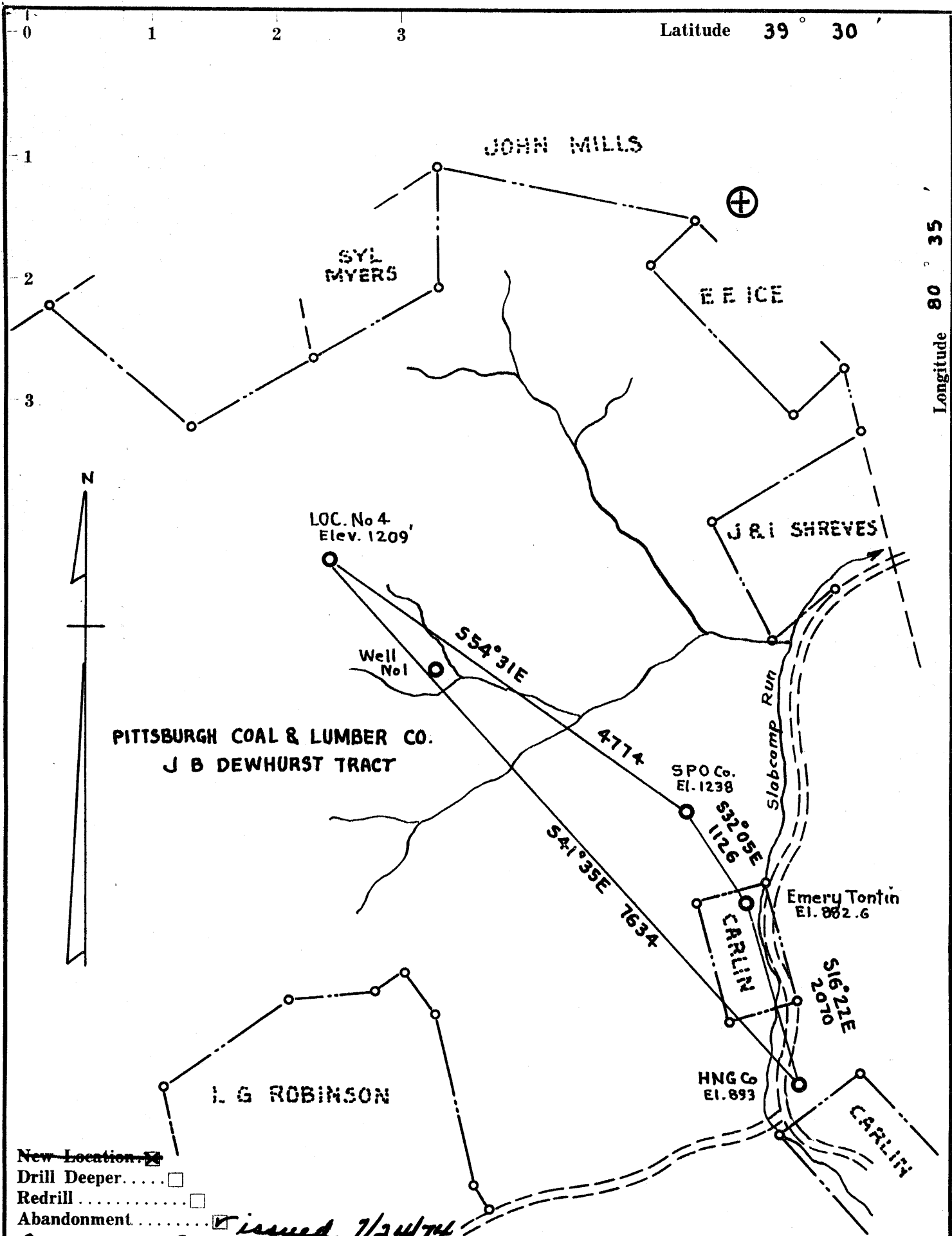
FILE NO. WET-473-P

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*

*RD 806 1486*

Company IMPERIAL OIL COMPANY

Address CARLTON HOUSE, SUITE 134 Parkersburg  
PITTSBURGH, 19, PA. W.V.

Farm J. B. DEWHURST TRACT 26101

Tract \_\_\_\_\_ Acres 2200 Lease No. \_\_\_\_\_

Well (Farm) No. 4 Serial No. \_\_\_\_\_

Elevation (Spirit Level) 1209'

Quadrangle CENTER POINT N 1-NC

County WETZEL District GRANT

Engineer Henry A. Shuster

Engineer's Registration No. 2470

File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_

Date NOV. 20, 1959 Scale 1" = 1320'

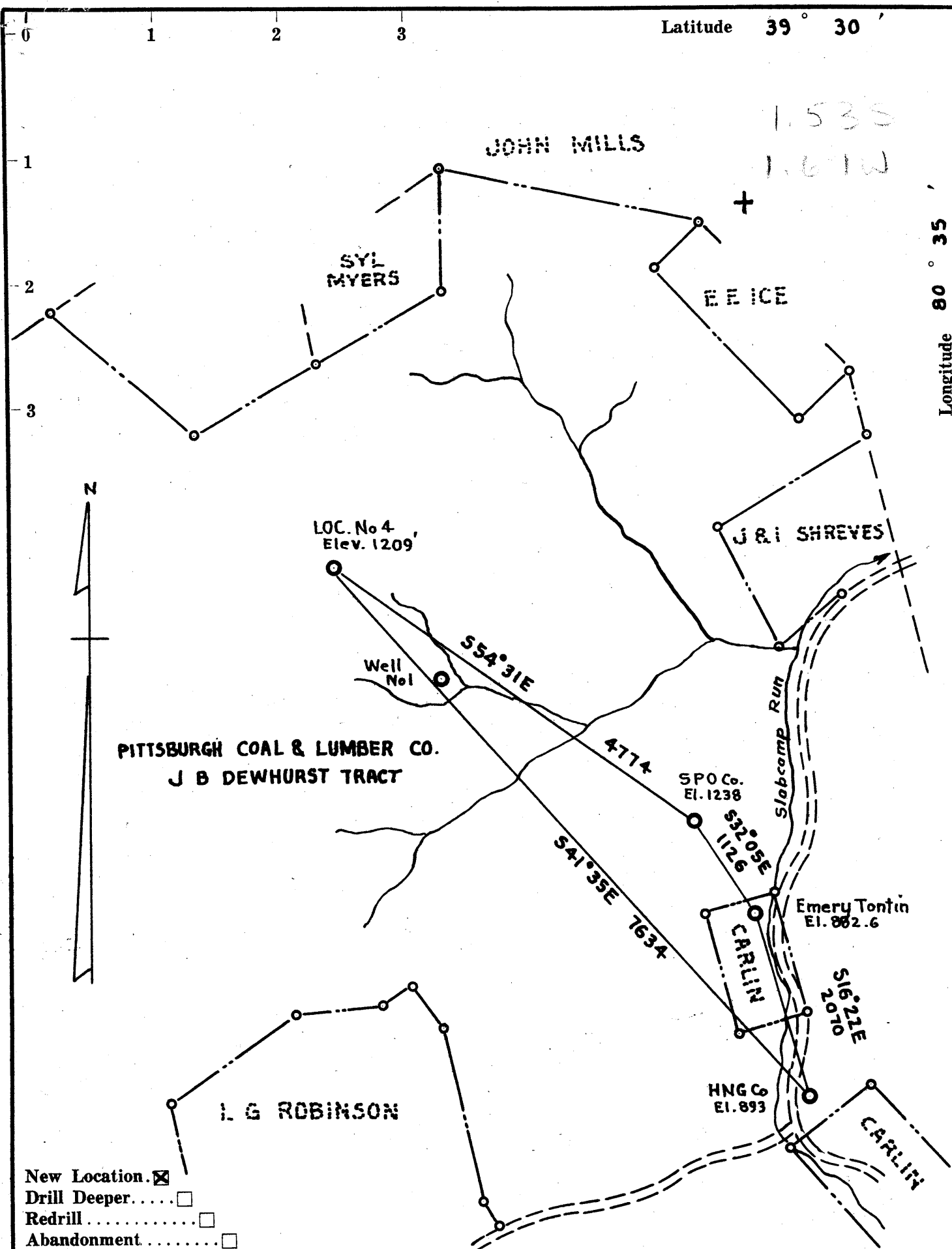
STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION  
CHARLESTON

**WELL LOCATION MAP**  
FILE NO. WET-473-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.

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

*47-103* AUG 26 1974



Latitude 39° 30'

Longitude 80° 35'

1.535  
1.61W

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

Company	IMPERIAL OIL COMPANY	
Address	CARLTON HOUSE, SUITE 134 PITTSBURGH, 19, PA.	
Farm	PITTSBURGH COAL & LUMBER CO. J. B. DEWHURST TRACT	
Tract	Acres 2200	Lease No.
Well (Farm) No.	4	Serial No.
Elevation (Spirit Level)	1209'	
Quadrangle	CENTER POINT NE 1 1/2	
County	WETZEL	District GRANT
Engineer	<i>Henry A. Shreves</i>	
Engineer's Registration No.	2470	
File No.	Drawing No.	
Date	NOV. 20, 1959	Scale 1" = 1320'

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

**WELL LOCATION MAP**  
FILE NO. WET-473

+ 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.

too close to 472 to plot

b-c 95



Date March 25, 1987  
 Operator's Well No. 1-A  
 Farm Dewhurst  
 API No. 47 - 103 473 D

IV-35  
(Rev 8-81)

**RECEIVED**  
 MAR 30 1987

State of West Virginia  
 Department of Mines  
 Oil and Gas Division

DIVISION OF OIL & GAS  
 DEPARTMENT OF ENERGY

WELL OPERATOR'S REPORT  
 OF  
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil x / Gas x / Liquid Injection    / Waste Disposal    /  
 (If "Gas," Production    / Underground Storage    / Deep    / Shallow x /)

LOCATION: Elevation: 1263 Watershed Buffalo Run of Fishing Creek  
 District: Grant County Wetzel Quadrangle Centerpoint 15'

COMPANY Ferrell Prior  
 ADDRESS 4818 Rosemar Road, Parkersburg, W. Va.  
 DESIGNATED AGENT Ferrell Prior  
 ADDRESS 4818 Rosemar Road, Parkersburg, W. Va.  
 SURFACE OWNER Union Trust National Bank  
 Trustee C. Burke Morris  
 ADDRESS Wetzel Hunting Club  
 MINERAL RIGHTS OWNER John Kerns; Alma Carlisle  
 ADDRESS Pigott Pennsylvania  
 OIL AND GAS INSPECTOR FOR THIS WORK Robert Lowther  
 ADDRESS Middlebourne, W. Va.  
 PERMIT ISSUED     
 DRILLING COMMENCED 10-14-1980  
 DRILLING COMPLETED 10-17-1980 ✓

Casing & Tubing Size Cond.	Used in Drilling	Left in Well	Cement fill up Cu. ft.
20-16			
13-10"			
9 5/8			
8 5/8	250	250	
7			
5 1/2		3083	
4 1/2			
3			
2			
Liners used			

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON   

GEOLOGICAL TARGET FORMATION Gordon and Fifth Sand Depth 2710 3320 feet  
 Depth of completed well 3426 feet Rotary x / Cable Tools     
 Water strata depth: Fresh 80-120 feet; Salt    feet  
 Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA  
 Producing formation Gordon and Fifth Sand Pay zone depth 2710-3258 feet  
 Gas: Initial open flow show Mcf/d Oil: Initial open flow show Bbl/d  
 Final open flow    Mcf/d Final open flow    Bbl/d  
 Time of open flow between initial and final tests    hours  
 Static rock pressure    psig (surface measurement) after    hours shut in  
 (If applicable due to multiple completion--)  
 Second producing formation    Pay zone depth    feet  
 Gas: Initial open flow    Mcf/d Oil: Initial open flow    Bbl/d  
 Final open flow    Mcf/d Oil: Final open flow    Bbl/d  
 Time of open flow between initial and final tests    hours  
 Static rock pressure    psig (surface measurement) after    hours shut in

(Continue on reverse side)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Dowell Frac October, 1980

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
No Record			0	1500	
1st Salt Sand			1500	1540	
Slate & Shells			1540	1572	
Sand			1572	1592	
Slate & Shells			1592	1661	
Lime and Gritty			1661	1680	
Slate & Shells			1680	1756	
Sand & Lime			1756	1777	
Slate & Shells			1777	1917	
Sand			1917	1945	
Slate & Shells			1945	2015	
Sand Maxon Sand			2015	2055	
Shale			2055	2100	
Little Lime			2100	2160	
Shale			2160	2180	
Big Lime			2180	2210	
Keener			2210	2258	
Big Injun			2258	2364	Show of Oil
Shale			2364	2514	
Berea Sandstone			2514	2525	
Shale			2525	2710	
Gordon Stray Sandstone			2710	2746	
Shale			2746	2916	
Gordon Sandstone			2916	2955	Show of Oil
Shale			2955	3012	
? Murryville Sandstone			3012	3015	
Shale			3015	3258	
5th Sandstone			3258	3264	
Shale			3264	3320	
Total Depth			<u>3320</u>		

**RECEIVED**  
MAR 30 1987

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

3320 - new TO  
3104 - old TO  
216' - new ftg

(Attach separate sheets as necessary)

Well Operator

By: Levell Pri

Date: \_\_\_\_\_

Note: Regulation 2.02(i) provides as follows:  
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 12

Quadrangle Centerpoint  
Permit No. WET -473

WELL RECORD

Oil or Gas Well Oil  
(KIND)

Company IMPERIAL OIL COMPANY  
Address 504 Carlton House, Pittsburgh 19, Pa.  
Farm J. B. Dewhurst Acres 2200  
Location (waters) \_\_\_\_\_  
Well No. Four (4) Elev. 1209'  
District Grant County Wetzel  
The surface of tract is owned in fee by Same as all other Dewhurst wells Address \_\_\_\_\_  
Mineral rights are owned by Same as other Dewhurst Wells Address \_\_\_\_\_  
Drilling commenced May, 1960  
Drilling completed August, 1960  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil show \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	26'	yes	
10	400'		Size of
8 3/4	1525'		
6 3/8	2403'	2403'	Depth set
5 3/16	3073'	3073'	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

WELL FRACTURED yes.

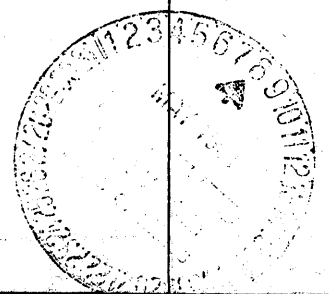
RESULT AFTER TREATMENT 9 bbls. daily

ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_

Fresh Water \_\_\_\_\_ Feet Salt Water \_\_\_\_\_ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	30			
sand			30	80			
red rock			80	125			
W. slate			125	170			
sand			170	200			
slate			200	295			
sand			295	350			
slate			350	410			
sand			410	470			
slate			470	680			
sand			680	740			
slate			740	755			
lime			755	780			
slate & shells			780	810			
lime			810	950			
slate & shells			950	965			
slate & shells			965	978			
coal blossom			978	979			
lime			979	1002			
Pittsburgh coal			1002	1003			
slate & shells			1003	1150			
red rock			1150	1200			
slate & shells			1200	1300			
red rock			1300	1325			
black slate			1325	1355			
slate & shells			1355	1395			

coal blossom at 965'





Formation	Color	Hard or Soft	Top <sup>12</sup>	Bottom	Oil, Gas or Water	Depth Found	Remarks
black slate			1395	1415			
sand			1415	1447			
black slate			1447	1510			
✓ sand B.D.			1510	1548	Gas		
slate			1548	1610			
sand			1610	1715			
black slate			1715	1808			
✓ sand 15 5/8" sub			1808	1835			
black slate			1835	1875			
✓ sand 2 1/2" sub			1875	1927			
slate			1927	2018			
sand			2018	2055		2247	
✓ sand			2055	2132		1209	
red rock			2132	2200			
slate & shells			2200	2247			
✓ Big Lime			2247	2347			
✓ Injun sand			2347	2507	Gas		
slate & shells			2507	2631			
sand			2631	2646			
slate & shells			2646	2798			
lime			2798	2820			
slate & shells			2820	3040			
red sand			3040	3050			
✓ sand Gordon			3050	3098	Oil Show		
shale			3098	3104			
TOTAL DEPTH							

Date May 5, 1961

APPROVED IMPERIAL OIL COMPANY, Owner

By   
(Title) President



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED  
DEC - 5 1980

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

OIL & GAS DIVISION  
DEPARTMENT OF MINES

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

DATE December 2, 1980

Surface Owner J. B. Dewhurst Heirs

Company Ferrell Prior

Address Jacksonburg, West Virginia

Address P.O. Box 1486, Parkersburg, W. Va. 261

Mineral Owner Mabel Smith Heefner et al

Farm J. B. Dewhurst Acres 2200

Address Jacksonburg, W. Va.

Location (waters) Buffalo Creek of Fishing

Coal Owner N/A

Well No. Four (4) Elevation 963 120'

Address N/A

District Grant County Wetzel

Coal Operator N/A

Quadrangle Folson 7.5 Center Point 15

Address N/A

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 deepening. This permit shall expire if operations have not commenced by 8-10-81.

INSPECTOR

TO BE NOTIFIED Phil Tracy

ADDRESS Middlebourne, West Virginia

PHONE 758-4573

J. G. Murphy  
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 February 22 19 79 by Mary Anne Eddy made to John Underwood and recorded on the 28th day of February 19 79, in Wetzel County, Book 58 Page 235  
XX NEW WELL XX DRILL DEEPER XX 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.

Very truly yours, Ferrell Prior

(Sign Name) Ferrell Prior  
Well Operator

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

P.O. Box 1486  
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.

47-103-0473-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

**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 Paul Drilling NAME Vearl Summers  
 ADDRESS P.O. Box 1365, Parkersburg, W. Va ADDRESS P.O. Box 1486, Parkersburg, W. Va.  
 TELEPHONE 422-5418 TELEPHONE 485-7419  
 ESTIMATED DEPTH OF COMPLETED WELL: 3200 ROTARY X CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: \_\_\_\_\_  
 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			
9 - 5/8			
8 - 5/8	300	300	To surface
7			
5 1/2		3380	200 sks <i>or as reqd</i>
4 1/2			<i>by rule 15101</i>
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 240 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