

New Location   
 Drill Deeper  - 2-14-30  
 Redrill   
 Abandonment

*5-14-75 - CMC*

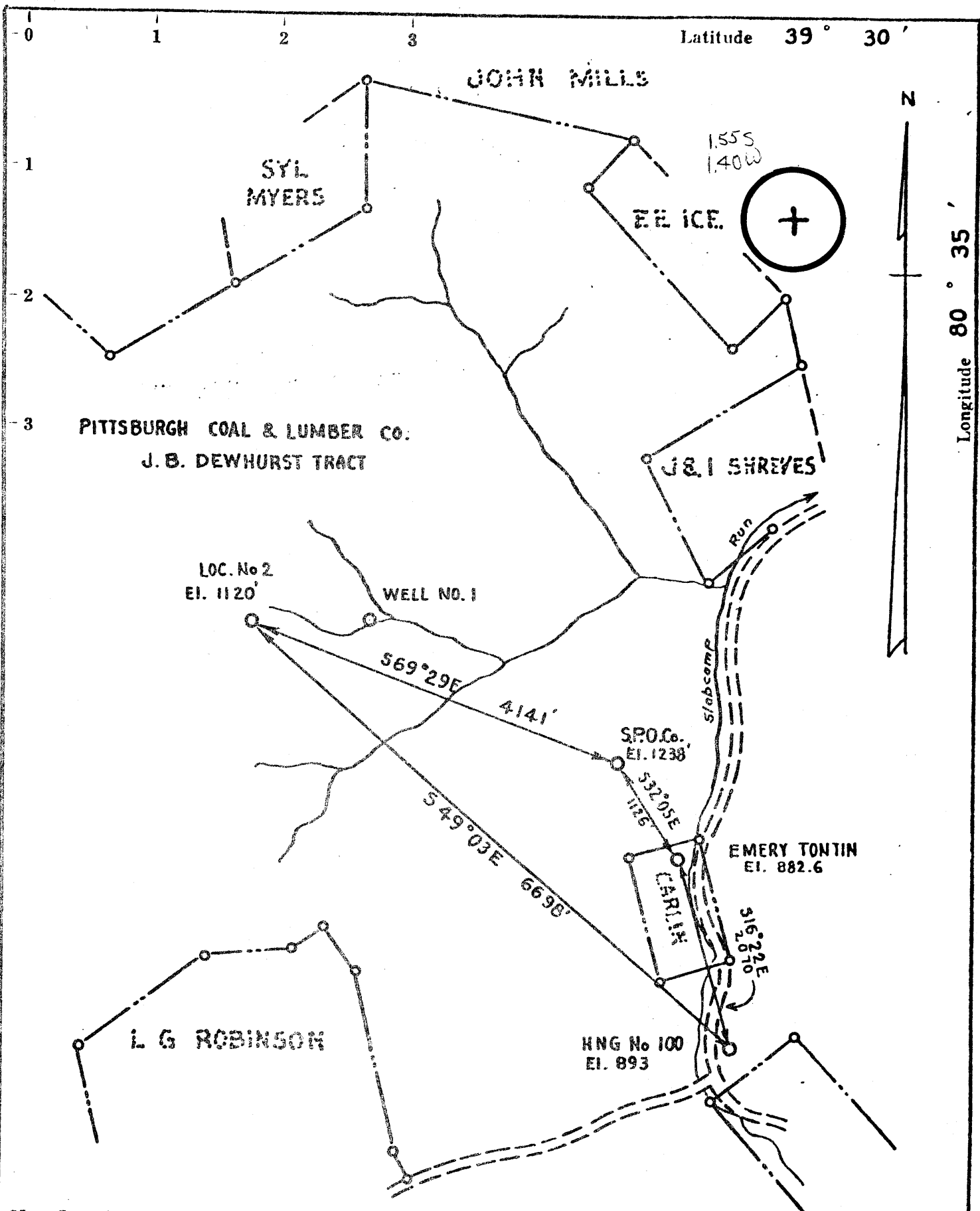
Company IMPERIAL OIL COMPANY  
 Address 100 State GARLTON HOUSE 3015 15th Columbus PA  
 Farm PITTSBURGH COAL & LUMBER CO. 43215  
 Tract \_\_\_\_\_ Acres 2200 Lease No. \_\_\_\_\_  
 Well (Farm) No. 2 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1120'  
 Quadrangle CENTER POINT NE 1-1  
 County WETZEL District GRANT  
 Engineer Nancy 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. 47-103-469-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.

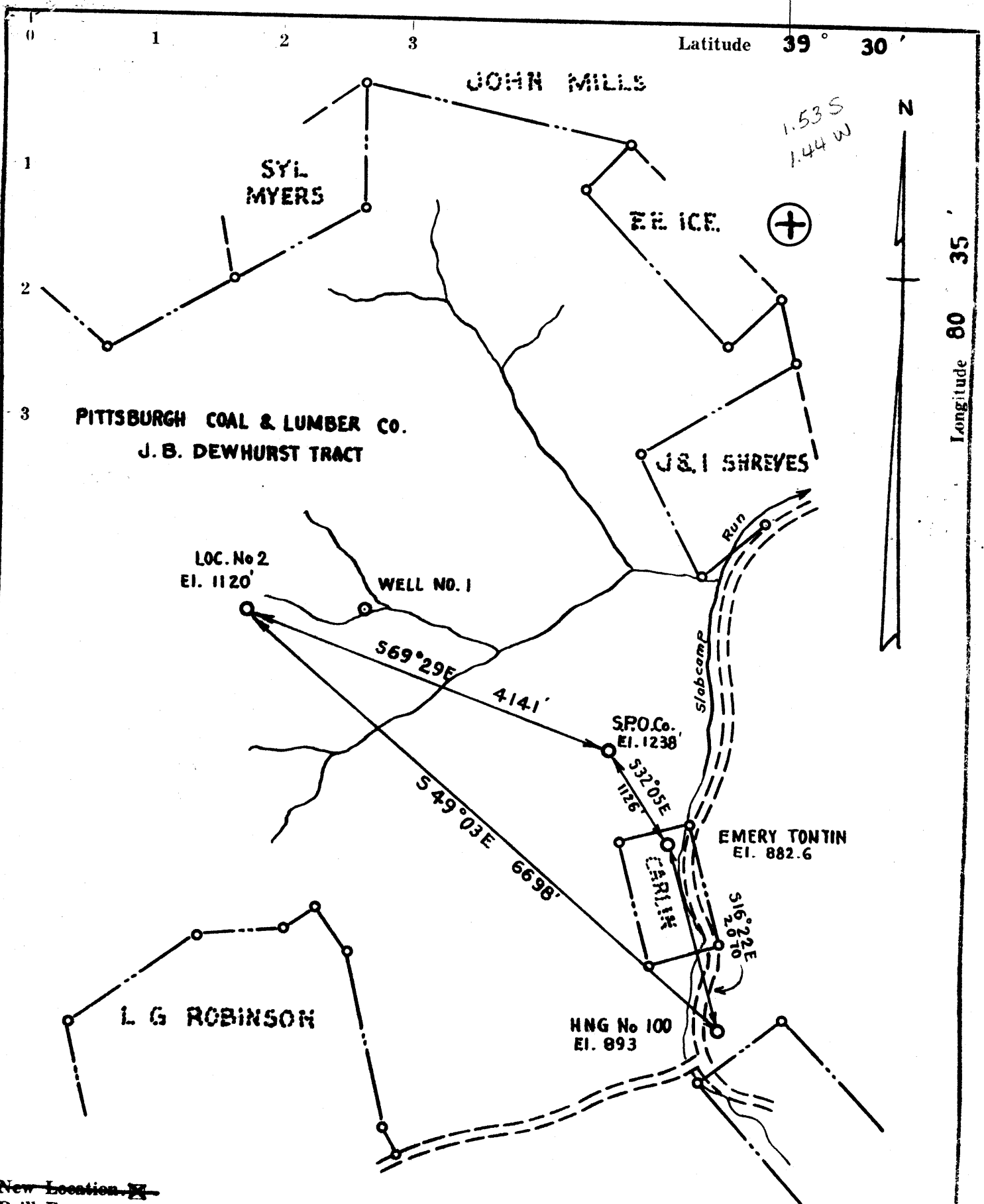


New Location    
 Drill Deeper.....  - 2-14-80   
 Redrill.....    
 Abandonment.....  issued 7/27/75   
 5-14-75 - cancelled

Company IMPERIAL OIL COMPANY   
 Address 400 State St. PITTSBURGH 19 PA   
 Farm PITTSBURGH COAL & LUMBER CO. 43215   
 Tract \_\_\_\_\_ Acres 2200 Lease No. \_\_\_\_\_   
 Well (Farm) No. 2 Serial No. \_\_\_\_\_   
 Elevation (Spirit Level) 1120'   
 Quadrangle CENTER POINT NE 1 1/2   
 County WETZEL District GRANT   
 Engineer Nunya Treasurer   
 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-469-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.....

5-14-75

*Lee Scott*  
 IMPERIAL OIL COMPANY

Company ~~400 State~~ CARLTON HOUSE SUITE 154 Columbus  
 Address ~~St. PITTSBURGH PA~~ OHIO  
 Farm PITTSBURGH COAL & LUMBER CO. 43216  
 Tract J. B. DEWHURST TRACT

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

WELL LOCATION MAP

FILE NO. Net-469-P

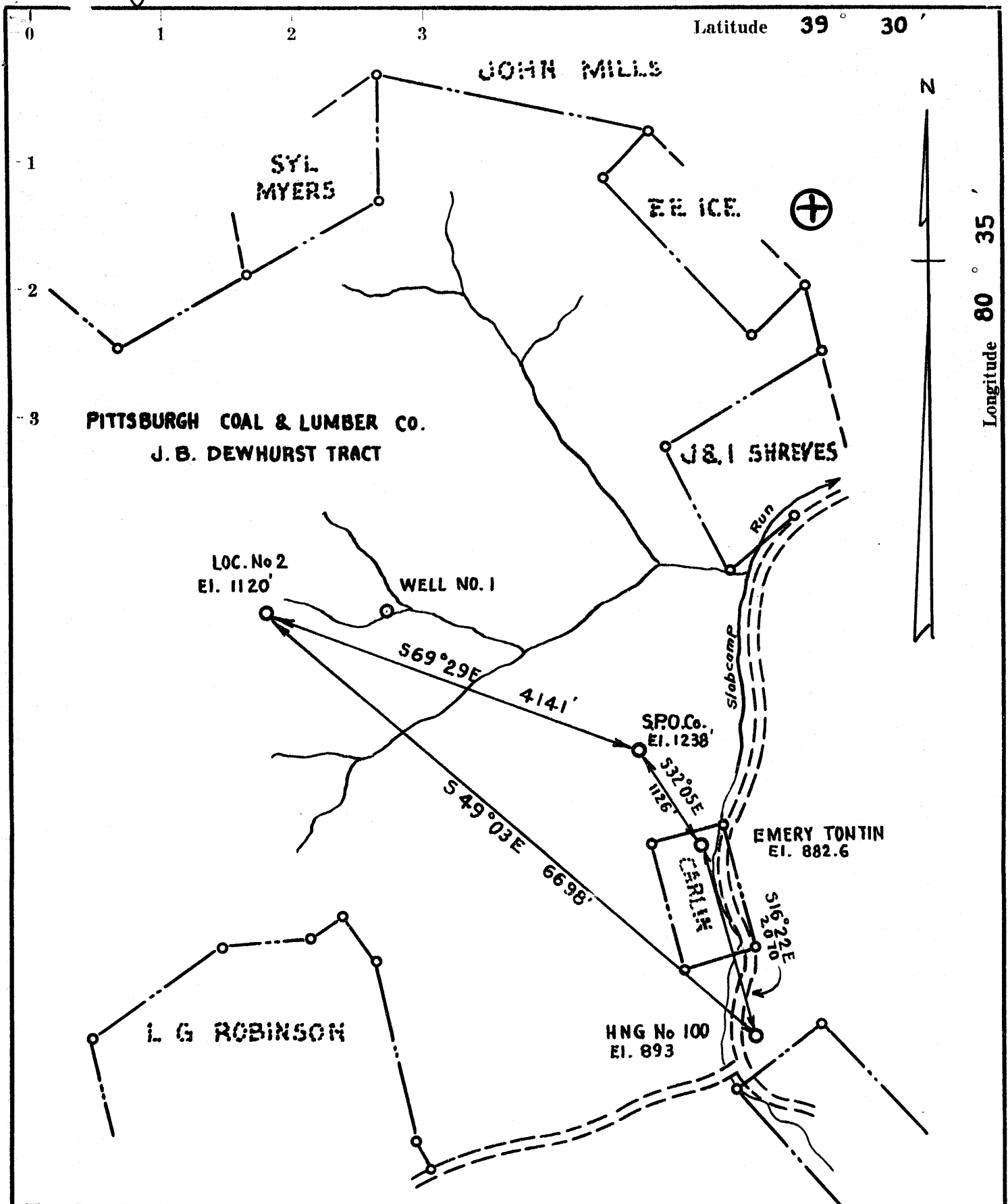
ALREADY PLOTTED

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Tract \_\_\_\_\_ Acres 2200 Lease No. \_\_\_\_\_  
 Well (Farm) No. 2 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1120'  
 Quadrangle CENTER POINT NE 1 1/4 NC  
 County WETZEL District GRANT  
 Engineer Nancy J. Thresher  
 Engineer's Registration No. 2470  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date NOV. 20, 1959 Scale 1" = 1320'

47-103 MAY 29 1975



- New Location
- Drill Deeper.....
- Redrill.....
- Abandonment.....  issued 7/24/74

*Small J. Price dba. Price Oil Co*

*P.O. Box 1496*

Company IMPERIAL OIL COMPANY

Address CARLTON HOUSE SUITE 134  
PITTSBURGH 19 PA

Farm PITTSBURGH COAL & LUMBER CO. 26101

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

Well (Farm) No. 2 Serial No. \_\_\_\_\_

Elevation (Spirit Level) 1120'

Quadrangle CENTER POINT NE 1-1 NC

County WETZEL District GRANT

Engineer Nancy J. Thresher

Engineer's Registration No. 2470

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

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

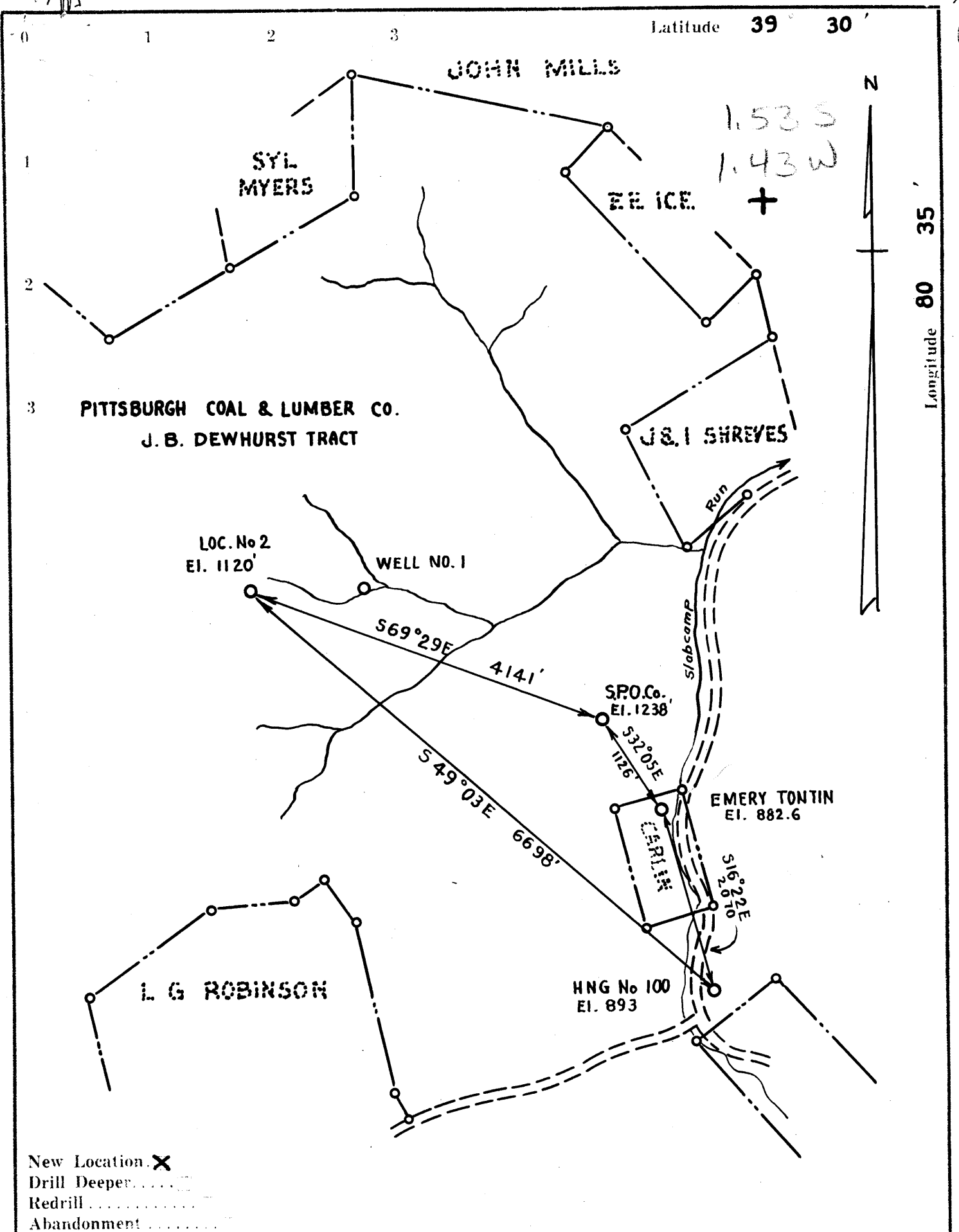
STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION  
CHARLESTON

WELL LOCATION MAP  
FILE NO. Wet-469-P

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47-103



New Location. X  
 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. **2** Serial No. \_\_\_\_\_

Elevation (Spirit Level) **1120'**

Quadrangle **CENTER POINT NE 1  $\frac{1}{2}$  EC**

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

Engineer *Nancy 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-469**

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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle Center Point

Permit No. WET-469

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company IMPERIAL OIL COMPANY  
Address 504 Carlton House, Pittsburgh 19, Pa.  
Farm J. B. Dewhurst Acres 2200  
Location (waters) Buffalo Run  
Well No. Two (2) Elev. 1120'  
District Grant County Wetzel  
The surface of tract is owned in fee by S.A. Smith;  
W.C. Kerns & Robert M. Kerns, Trustees  
under Will of John W. Kerns; Alma Carlin  
Mineral rights are owned by L. Blanche Smith Address SAME

Drilling commenced January 11, 1960  
Drilling completed March 19, 1960  
Date Shot From To  
With

Open Flow /10ths Water in Inch  
/10ths Merc. in Inch  
Volume 1,343,000 Cu. Ft.  
Rock Pressure 625 lbs. 24 hrs.  
Oil bbls., 1st 24 hrs.

WELL ACIDIZED

WELL FRACTURED Yes - 24,000 lbs. sand,

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	346'	None	Size of
8 3/4	1370'	All	
6 5/8	2157'	None	Depth set
5 3/16 5 1/2	2409	All	
3			Perf. top <u>2298'</u>
2			Perf. bottom <u>2314'</u>
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED SIZE No. Ft. 3-25- 1960 Date

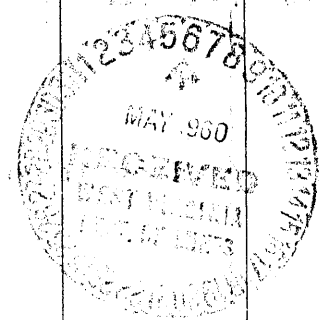
COAL WAS ENCOUNTERED AT 886 - 890 - 4 feet.  
FEET INCHES FEET INCHES  
FEET INCHES FEET INCHES

RESULT AFTER TREATMENT 8 MM - settled to 2.5 MM cubic feet

ROCK PRESSURE AFTER TREATMENT 740 lbs. - 24 hours

Fresh Water Feet Salt Water Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Top soil			0	12			
Red Rock			12	40			
Sand			40	48			
lime			48	55			
red rock			55	74			
sand			74	85			
lime			85	95			Water at 95' 1 bailer hour
blue slate			95	140			
gray slate			140	151			
lime			151	163			
red rock			163	173			
grey slate			173	200			Water at 190 -2 bailer hr.
lime			200	215			
sand			215	250			
lime			250	285			
red rock			285	292			
blue slate			292	309			
red rock			309	346			
lime			346	352			
slate, shell			352	405			
coal			405	406			
slate, shell			406	494			
red rock			494	501			
slate, shell			501	578			
red rock			578	590			
slate, shell			590	600			
lime			600	622			
grey slate			622	652			
lime			652	765			



Formation	Color	Hard or Soft	Top <sup>9</sup>	Bottom	Oil, Gas or Water	Depth Found	Remarks
grey slate			765	795			
lime			795	880			
slate			880	885			
coal streaks (Pittsburgh)			886	890			
slate shell			890	950			
lime			950	970			
grey slate			970	1040			
red rock			1040	1055			
slate, shell			1055	1295			
sand			1295	1345	(Oil Show in Sample)		
slate			1345	1364			
lime			1364	1412			
sand			1412	1475			
slate & shells			1475	1570			
sand			1570	1620			
slate & shells			1620	1672	some water	1672	-hole full
sand			1672	1690			
slate & shells			1690	1825			
sand			1825	1852			
slate & shells			1852	1928			
sand			1928	1940	2147	1120	
slate & shells			1940	2010	1120	886	
sand			2010	2028	1927	234	
slate			2028	2030			
red rock			2030	2057			
slate & shells			2057	2059			
red rock			2059	2091			
sand			2091	2098			
slate & shells			2098	2147			
Big Lime			2147	2248			
Sand (Keener)			2248	2296			
Sand (Big Injun)			2296	2318			
Sand (Big Injun)			2318	2328			
Sand (Big Injun)		Very hard	2328	2363			

Ran Schlumberger Gamma Ray Neutron on 3-16-1960  
TD- Schlumberger -2368 feet  
5 feet deeper than driller.

Date \_\_\_\_\_, 1960

APPROVED IMPERIAL OIL COMPANY, Owner

By Robert M. Jordan  
Robert M. Jordan (Title) President





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

FEB - 5 1980

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 February 5, 1980

Surface Owner J. B. Dewhurst Heirs

Company Ferrell Prier

Address Jacksonburg, West Virginia

Address 304 Union Trust Bldg. Parkersburg

Mineral Owner Mabel Smith Heefner et al

Farm J. B. Dewhurst Acres 2200

Address Jacksonburg, West Virginia

Location (waters) Buffalo Run of Fishing Cr

Coal Owner N/A

Well No. Two (2) Elevation 1120

Address N/A

District Grant County Wetzel

Coal Operator N/A

Quadrangle Folsom 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 10-13-80.

INSPECTOR  
TO BE NOTIFIED Phil Tracy

ADDRESS Middlebourne, West Virginia

PHONE 758-4573

Robert L. [Signature]  
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

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.

Very truly yours, Ferrell Prier  
(Sign Name) [Signature]  
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

304 Union Trust Building  
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.

**MARKET BOND**

47-103-469 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 Gene Stalnaker, Inc. NAME Vearl Summers  
 ADDRESS Letter Gap, West Virginia ADDRESS P.O. Box 1486, Parkersburg  
 TELEPHONE 462-7092 TELEPHONE 485-7419  
 ESTIMATED DEPTH OF COMPLETED WELL: 3300 ROTARY XX CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: 5th 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			
9 - 5/8			
8 - 5/8	1370	1370	To surface
7			
5 1/2			
4 1/2		3300	200 sacks
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 200 FEET \_\_\_\_\_ SALT WATER \_\_\_\_\_ FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS \_\_\_\_\_  
 IS COAL BEING MINED IN THE AREA? \_\_\_\_\_ 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