

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

Source of Elevation ROAD PKY, ELV. 822' U.S.G.S.
 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 accuracy, one part in 200

issued 2/2/73

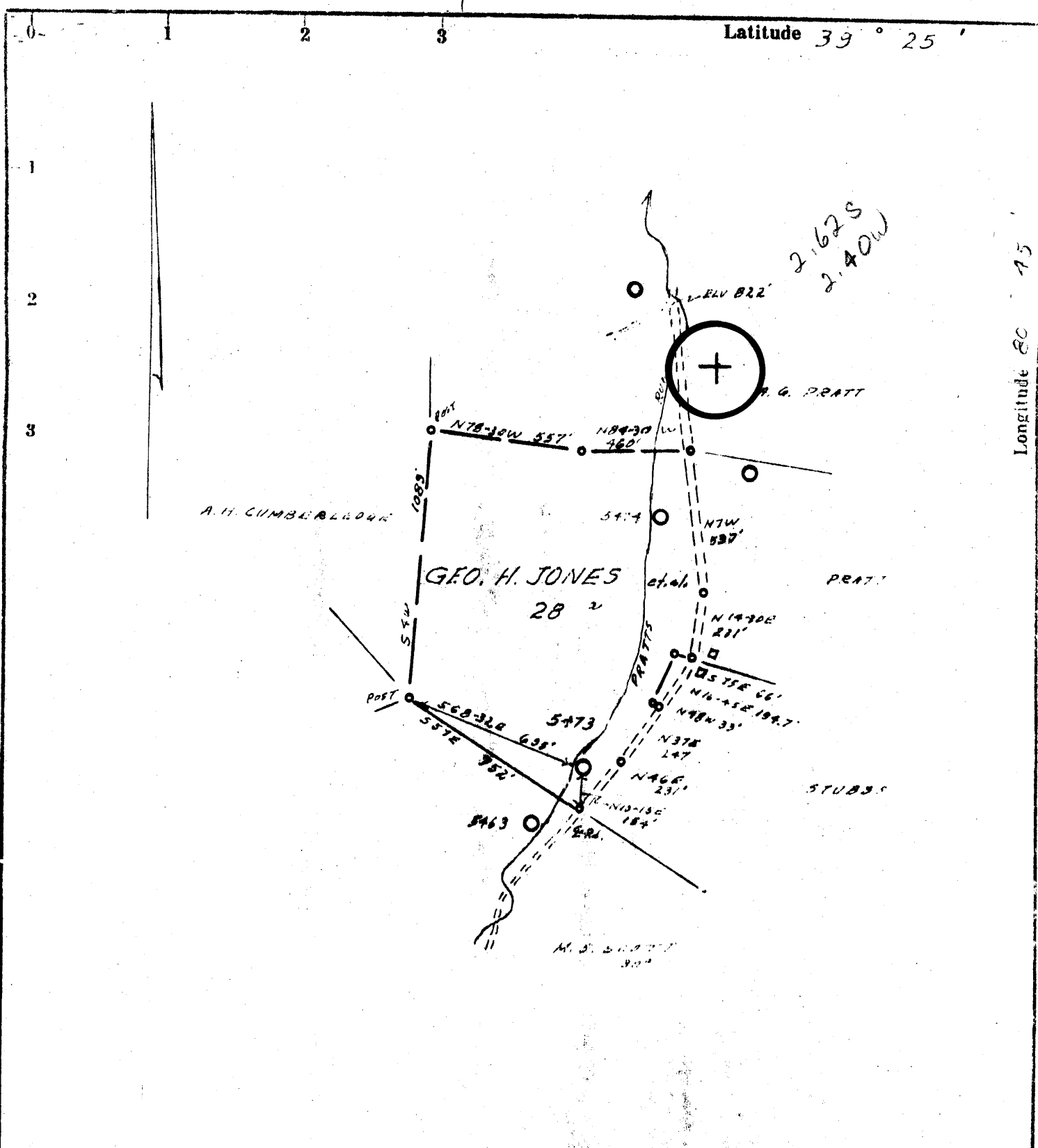
Company	EQUITABLE GAS CO. W.VA. DIV.	
Address	PITTSBURGH, PA. 15219	
Farm	GEORGE H. JONES et al.	
Tract	Acres 28	Lease No 26154
Well (Farm) No.	Serial No. 5473	
Elevation (Spirit Level)	864'	
Quadrangle	WEST UNION NS 42 EC	
County	TYLER	District M'ELROY
Engineer	R. J. McWilliams	
Engineer's Registration No.	105 L.L.S.	
File No.	222/20	Drawing No.
Date	9-7-72	Scale 1" = 500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION 30251?
 CHARLESTON

WELL LOCATION MAP
 FILE NO. Ty 1-449-Red-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.



- Fracture
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Source of Elevation ROAD PKG. ELEV. 822' U.S.G.S.
 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 accuracy, one inch in 200

Company	<i>EQUITABLE GAS CO. WVA. DIV.</i>	
Address	<i>PITTSBURGH, PA. 15213</i>	
Farm	<i>GEORGE H. JONES et al.</i>	
Tract	Acres <i>28</i>	Lease No. <i>26154</i>
Well (Farm) No.	Serial No. <i>5473</i>	
Elevation (Spirit Level)	<i>864'</i>	
Quadrangle	<i>WEST UNION NE 42 EC</i>	
County	<i>TYLER</i>	District <i>McELROY</i>
Engineer	<i>R. J. McMillan</i>	
Engineer's Registration No.	<i>105 L.L.S.</i>	
File No.	<i>222/20</i>	Drawing No.
Date	<i>9-7-72</i>	Scale <i>1" = 500'</i>

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

WELL LOCATION MAP
 FILE NO. *Ty 1-449-Red*

+ 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.



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FEB 26 1973

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle West Union NE 4.3

Permit No. TYL-449-Red

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

Company <u>Equitable Gas</u> <u>15219</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>420 Blvd. of the Allies, Pgh., Pa.</u>				
Farm <u>George H. Jones, et al</u> Acres <u>28</u>	Size			973 to surface
Location (waters) <u>Pratts Run</u>	20-16			
Well No. <u>5473</u> Elev. <u>864</u>	Cond.			
District <u>McElroy</u> County <u>Tyler</u>	13-10"			
The surface of tract is owned in fee by _____	9 5/8	973	973	
Address <u>Alma, W. Va. 26320</u>	8 5/8			
Mineral rights are owned by <u>Same as surface</u>	7	*		
Address _____	5 1/2			
Drilling Commenced <u>12-7-72</u>	4 1/2			
Drilling Completed <u>2-5-73</u>	3			
Initial open flow _____ cu. ft. _____ bbls.	2			
Final production _____ cu. ft. per day _____ bbls.	Liners Used			
Well open _____ hrs. before test _____ RP.				

Well treatment details:

Attach copy of cementing record.

* Old 7" in hole from 1525 to 1761

Coal was encountered at 478-82 Est. Feet _____ Inches _____
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Pittsburgh Coal			478	482	Estimated	
Big Dunkard Sand			857	882		
Gas Sand			992	1042		
Salt Sand			1124	1563		
Maxton Sand			1610	1668		
Little Lime			1689	1702		
Big Lime			1729	1778		
Big Injun Sand			1781	1946		
Squaw Sand			2000	2009		
Weir Sand			2093	2185		
Gordon Sand			2429	2437		
<u>Redrilled to</u>				2500		
Cement to				1811		
Completed Total Depth				1811		
Abandoned 2-5-73						
Note: Gamma Ray Survey from surface to				2500.		

1729
864
- 865

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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SEP 15 1972

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE Sept. 11, 1972

Surface Owner Jacob Cumberledge

Company Equitable Gas

Address Alma, W. Va. 26320

Address Pittsburgh, Pa. 15219

Mineral Owner George H. Jones 26456

Farm George H. Jones, et al Acres 28

Address Rt. 4, Box 188, West Union, W. Va.

Location (waters) Pratts Run

Coal Owner Same as Surface Owner

Well No. 5473 Elevation 864

Address _____

District McElroy County Tyler

Coal Operator _____

Quadrangle West Union NE 4.3

Address _____

M. Arthur

INSPECTOR TO BE NOTIFIED Neil
Box 296
Shenandoah, W. Va. PH: 775-5611
26575

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 redrilling. This permit shall expire if operations have not commenced by 1-15-73.

Robert L. [Signature]
Deputy Director of 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 Mar. 2 1972 by George H. Jones et al made to Equitable Gas Co. and recorded on the 7th day of Apr. 1972, in Tyler County, Book 192 Page 130

_____ NEW WELL _____ 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, *B. M. Linger*
(Sign Name) Equitable Gas Co.
Well Operator

Address
of
Well Operator

420 Blvd. of the Allies
Street
Pittsburgh
City or Town
Pa. 15219
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

771-449-Red. PERMIT NUMBER

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

PROPOSED WORK ORDER TO X Re DRILL DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME _____ NAME H. E. Gardner, Div. Supt.
 ADDRESS _____ ADDRESS Box 1550, Clarksburg, W. Va. 26301
 TELEPHONE _____ TELEPHONE (304) 624-6576
 ESTIMATED DEPTH OF COMPLETED WELL: 1840 ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Big Injun
 TYPE OF WELL: OIL _____ GAS _____ COMB. _____ STORAGE XX 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			
XX 10	100	100	Cem. to surface
9 - 5/8			
8 - 5/8	860	860	Cem. to surface
7	1770	1770	Cem. to surface
5 1/2	1803	1803	Cem. to 1570
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 100 FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS No mineable coal
 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

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

RECEIVED
MAR 19 1973

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE. ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

COAL OPERATOR OR OWNER: Equitable Gas Co.
ADDRESS: 420 Blvd. of the Allies, Pgh., Pa. 15219
COAL OPERATOR OR OWNER: Alma, W. Va. 26320
LEASE OR PROPERTY OWNER: Same as Coal Owner
WELL AND LOCATION: McElroy District, Tyler County
Well No.: 5473
George H. Jones, et al Farm
STATE INSPECTOR SUPERVISING PLUGGING: Arthur Hull, Box 296, Hundred, W. Va. 26575

AFFIDAVIT

STATE OF WEST VIRGINIA, }
County of Tyler } ss:
George M. Cobb and Gary Watkins
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Pace, Prebble, & Poole, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 5th day of February, 1973, and that the well was plugged and filled in the following manner:

Table with 5 columns: SAND OR ZONE RECORD, FILLING MATERIAL, ~~LOG RECORD~~, CASING, and DESCRIPTION OF MONUMENT. Contains data for Total 1811, Cement 1811-983, Gel 983-surface, and Pittsburgh coal seam with vent pipe description.

and that the work of plugging and filling said well was completed on the 5th day of Feb., 19 73.

And further deponents saith not.

Sworn to and subscribed before me this 18 day of March, 1973.

My commission expires:

Feb 21 1974

George Cobb
Gary Watkins
Notary Public

Permit No. TYL-449-Red-P

MAR 29 1973