



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

Source of Elevation _____

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

Company	<i>Equitable Gas Co.</i>
Address	<i>Pittsburgh, Pa. 15219</i>
Farm	<i>India Davis</i>
Tract	Acres <i>56</i> Lease No. <i>26237</i>
Well (Farm) No.	<i>1</i> Serial No. <i>5499</i>
Elevation (Spirit Level)	<i>1122.81</i>
Quadrangle	<i>WEST UNION 5E. 2¹ EC</i>
County	<i>Tyler</i> District <i>McElroy</i>
Engineer	<i>R. S. Williams</i>
Engineer's Registration No.	<i>105 L.L.S.</i>
File No.	<i>222/152</i> Drawing No. _____
Date	<i>1-23-74</i> Scale <i>1" = 500'</i>

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

WELL LOCATION MAP

FILE NO. *Tyl-474-321 W*

+ 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.

47-095



APR 16 1975

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL
DF

Oil and Gas Division

WELL RECORD

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

Quadrangle West Union SE 2¹
Permit No. Tyl-474-Red

Company Equitable Gas
Address Pittsburgh, Pa. 15219
Farm India Davis Acres 56
Location (waters) Camp Mistake Run
Well No. 5499 Elev. 1122.81
District McElroy County Tyler
The surface of tract is owned in fee by _____
Elsie M. Keys, Agent
Address Star Route, West Union, W. Va. 26456
Mineral rights are owned by Same as surface
Address _____
Drilling Commenced 8-28-74
Drilling Completed 3-27-75
Initial open flow _____ cu. ft. _____ bbls.
Final production _____ cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-18"	26	26	20 sks. to sur
9 5/8			
8 5/8 *	959	959	670 sks. to sur
7 **			
5 1/2			
4 1/2	2012	2102	260 sks. to 850 gel to surface
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

* Old 8" in hole from 1007 to 1210
** Old 7" in hole from 1683 to 2000

Coal was encountered at 706-708 Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Big Injun storage Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Pittsburgh Coal (Driller)			706	708		
Gas Sand			1200	1250		
Salt Sand			1374	1738		
Maxton Sand			1813	1838		
Little Lime			1912	1928		
Big Lime			1954	2005		
Big Injun Sand			2007	2150		
Weir Sand			2306	2402		
Redrilled to				2662		
Cement Plug Back to				2027		
Completed Total Depth				2027		

Note: Gamma Log and casing measurements from elevation 1128.81 K.B.

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

JUL 26 1974

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner KEYS, Elsie M., Agent
Address Star Route, West Union, W. Va. 26456
Mineral Owner Same as surface
Address _____
Coal Owner Same as surface
Address _____
Coal Operator _____
Address _____

DATE July 23, 1974
Company Equitable Gas
Address Pittsburgh, Pennsylvania 15219
Farm India Davis Acres 56
Location (waters) Camp Mistake Run
Well No. 5499 Elevation 1122.81
District McElroy County Tyler
Quadrangle West Union S.E. 2¹

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 11-26-74.

[Signature]
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED
[Signature] PH: 477-2455
26178

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 March 12, 1973 by India Davis made to Equitable Gas Company and recorded on the 11th day of February 1974, in Tyler County, Book 200 Page 341

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, S. M. Linger
(Sign Name) Equitable Gas Company
Well Operator

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey of
P. O. Box 879
Martinsburg, W. Va. 26505
410-304-2123

Address
Well Operator

420 Blvd. of the Allies

Street

Pittsburgh

City or Town

Pennsylvania 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.

471-474-700 PERMIT NUMBER
47-095

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

PROPOSED WORK ORDER TO 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. 26
 TELEPHONE _____ TELEPHONE (304) 624-6576
 ESTIMATED DEPTH OF COMPLETED WELL: 2050 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			
13 - 10			
9 - 5/8			
8 - 5/8			
7	1610	1610	Cem. to surface
5 1/2			
4 1/2	2025	2025	Cem. to 1400
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ 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