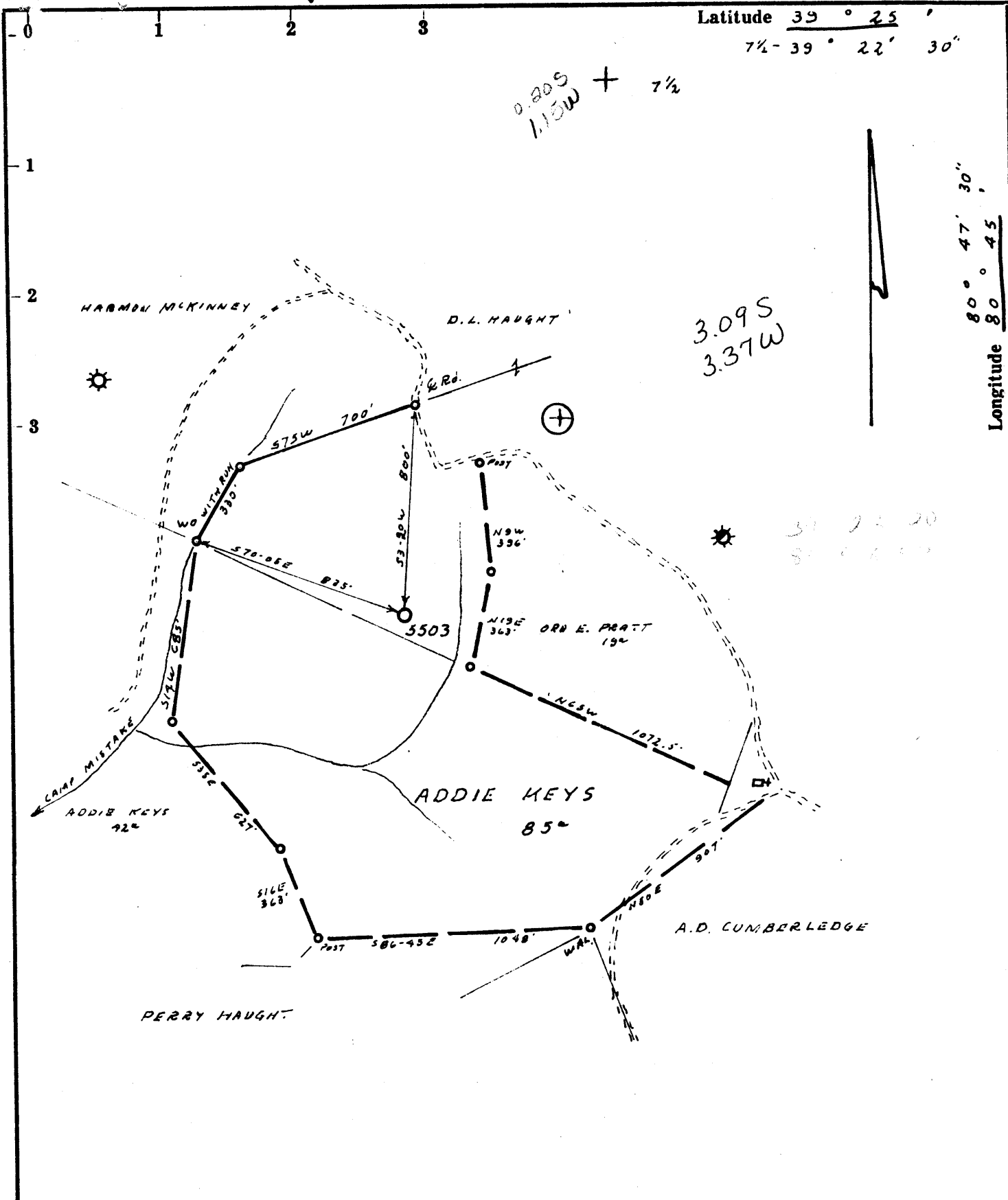


Latitude 39° 25'  
7 1/2 - 39° 22' 30"



0.209  
1.15W + 7 1/2

3.09S  
3.37W

Longitude 80° 47' 30"  
80° 45'

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

Source of Elevation Rd. FKS. 1038' USGS WILBUR

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

30628

Company EQUITABLE GAS CO. W.VA. DIV.  
 Address PITTSBURGH, PA. 15219  
 Farm ADDIE KEYS  
 Tract Acres 85 Lease No. 26187  
 Well (Farm) No.                      Serial No. 5503  
 Elevation (Spirit Level) 1010' EC  
 Quadrangle WEST UNION SA112  
 County TYLER District M'ELROY  
 Engineer R. J. McMillan  
 Engineer's Registration No. 105 L.L.S.  
 File No. 222-C/32 Drawing No.                       
 Date 2-11-77 Scale 1" = 500'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON  
**WELL LOCATION MAP**  
 FILE NO. TYL-479-RD

+ 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 MAR 25 1977



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
**Oil and Gas Division**  
**WELL RECORD**

**RECEIVED**  
JUL 25 1977  
OIL & GAS DIVISION  
DEPT. OF MINES

Quadrangle West Union SE 1<sup>2</sup>  
Permit No. TYL-479-Red.

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

Company <u>Equitable Gas</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>Pittsburgh, PA 15219</u>				
Farm <u>Addie Keys</u> Acres <u>68</u>	Size			
Location (waters) <u>Camp Mistake Run</u>	20-16			
Well No. <u>5503</u> Elev. <u>1010</u>	Cond.			
District <u>McElroy</u> County <u>Tyler</u>	13-10"			
The surface of tract is owned in fee by <u>Addie Keys</u>	9 5/8			
Address <u>Wilbur, W. Va. 26459</u>	8 5/8	790	790	300 sks. to surface
Mineral rights are owned by <u>Same as surface</u>	7			
Address _____	5 1/2			
ReDrilling Commenced <u>6-17-77</u>	4 1/2			
ReDrilling Completed <u>7-12-77</u>	3 1/2	1906	1906	H. W. Packer set @ 1906
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.

Coal was encountered at 592-595 Feet \_\_\_\_\_ Inches  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Big Injun Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Pittsburgh Coal			592	595		
Little Dunkard Sand			980	984		
Big Dunkard Sand			1041	1062		
Gas Sand			1110	1122		
Salt Sand			1198	1694		
Little Lime			1803	1833		
Big Lime			1842	1908		
Big Injun Sand			1912	2064		
air Sand			2210	2306		
antz Sand			2412	2417		
				2625		
				1937		
				1937		

Note: Gamma log from surface to 2623. All measurements of formations, pipe, etc., taken from K.B. 6' above permanent datum.

(over)

\* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

MAR 14 1977

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 March 11, 1977

Surface Owner Addie Keys

Company Equitable Gas

Address Wilbur, W. Va. 26459

Address Pittsburgh, Pa. 15219

Mineral Owner Same as surface.

Farm Addie Keys Acres 85

Address \_\_\_\_\_

Location (waters) Camp Mistake Run

Coal Owner Same as surface.

Well No. 5503 Elevation 1010

Address \_\_\_\_\_

District McElroy County Tyler

Coal Operator \_\_\_\_\_

Quadrangle West Union Se 1-2

Address \_\_\_\_\_

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 7-14-77.

INSPECTOR TO BE NOTIFIED Paul Garrett

ADDRESS Clarksburg, W.Va.

PHONE 622-3871

[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 November 21 1972 by Addie Keys made to Equitable Gas Co. and recorded on the 16th day of Feb. 1973 in Tyler County, Book 195 Page 475

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.

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, [Signature]  
(Sign Name) Equitable Gas Co.  
Well Operator

Address of Well Operator  
420 Blvd. of the Allies Street  
Pittsburgh City or Town  
Pennsylvania 15219 State

BLANKET BOND

\*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.

TYL-479- RED 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  
 ADDRESS \_\_\_\_\_ ADDRESS Box 1550, Clarksburg, W.Va.  
 TELEPHONE \_\_\_\_\_ TELEPHONE 624-6576  
 ESTIMATED DEPTH OF COMPLETED WELL: 1970 ROTARY \_\_\_\_\_ 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	1131	1131	Cem. to surface
7			
5 1/2			
4 1/2			
3 - 1/2	1900	1900	<del>XXXXX</del> Cem. or packer
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