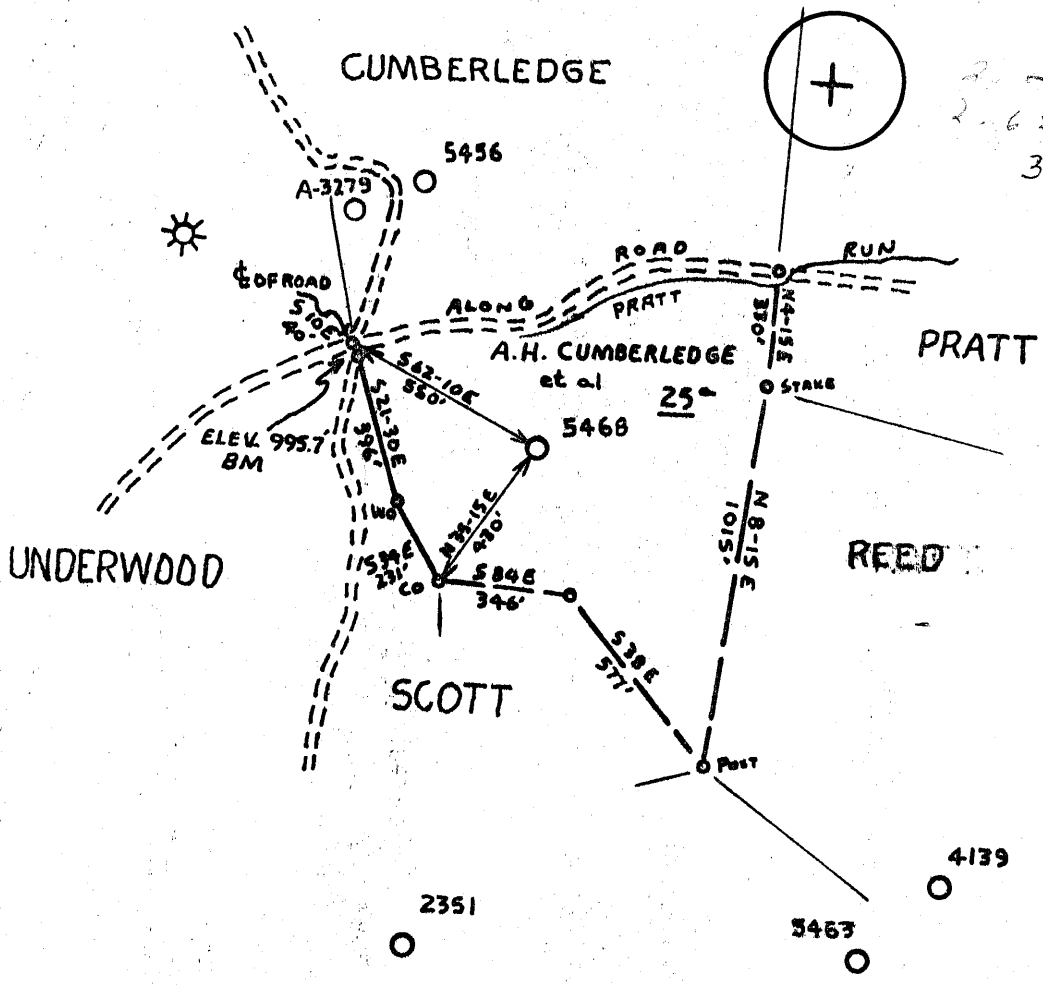


Latitude 39 ° 25 '

Longitude 80 ° 45 '



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

Source of Elevation **BM AT ROAD FORKS**
 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	EQUITABLE GAS COMPANY		
Address	PITTSBURGH, PA. 15219		
From	A. H. CUMBERLEDGE		
Tract	Acres	Lease No.	25 26145
Well (Farm) No.	Serial No.	5468	
Elevation (Spirit Level)	1011.3'		
Quadrangle	WEST UNION 4 3 EC		
County	District	TYLER McELROY	
Engineer	<i>R. J. McMillan</i>		
Engineer's Registration No.	105 L. L. S.		
File No.	Drawing No.	722-16	
Date	Scale	7-20-72 1" = 500'	

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

WELL LOCATION MAP
 FILE NO. *Tyl-445-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.

OWWO 9-0 Wilbur (92)

AUG 14 1972



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

RECEIVED

SEP 26 1973

OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle West Union NE 4.3
Permit No. TYL-445-Red

Rotary XX Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood _____ Storage XX _____
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>	Size			
Farm <u>A. H. Cumberledge</u> Acres <u>25</u>	20-16			
Location (waters) <u>Pratt Run</u>	Cond.			
Well No. <u>5468</u> Elev. <u>1011.3</u>	<u>XB-10" *</u>	<u>61</u>	<u>255</u>	<u>3' sks.</u>
District <u>McElroy</u> County <u>Tyler</u>	<u>9 5/8</u>			
The surface of tract is owned in fee by _____	<u>8 5/8</u>	<u>1210</u>	<u>1210</u>	<u>525 sks. to sur</u>
<u>Blanche Cumberledge, Agent</u>	<u>7 **</u>	<u>1270</u>	<u>1864</u>	<u>375 sks. to sur</u>
Address <u>Rt. 1, Mount Clare, W.Va. 26408</u>	<u>5 1/2</u>			
Mineral rights are owned by <u>A. H. Cumberledge</u>	<u>4 1/2</u>	<u>1923</u>	<u>1923</u>	<u>100 sks. to 101</u>
Address <u>West Union, W.Va. 26456</u>	<u>3</u>			<u>gel to surface</u>
Re- Drilling Commenced <u>8-11-72</u>	<u>2</u>			
Re- Drilling Completed <u>9-6-73</u>	Liners Used			
Initial open flow _____ cu. ft. _____ bbls.				
Final production _____ cu. ft. per day _____ bbls.				
Well open _____ hrs. before test _____ RP.				

Well treatment details:
Attach copy of cementing record.
* Ran 61' of new 10" & set on old 10" from 61 to 255.
** Ran 1270' of new 7" & set on old 7" from 1270 to 1864

Coal was encountered at 620-22 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			620	622		Driller Est.
Murphy Sand			842	848		
Big Dunkard Sand			1090	1100		
Gas Sand			1136	1184		
Salt Sand			1251	1654		
Maxton Sand			1741	1810		
Little Lime			1830	1844		
Big Lime			1871	1923		
<u>Big Injun Sand</u>			1928	2080		
Squaw Sand			2145	2154		
Weir Sand			2241	2330		
Redrilled to				2658		
Cement Plug Back to				1958		
Completed Total Depth				1958		

8711
1011
700

Note: Gamma Ray Survey from surface to 2657.

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
AUG 7 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 August 3, 1972

Surface Owner Blanche Cumberledge, Agent
Address Rt. 1, Mount Clare, W.Va. 26408
Mineral Owner A. H. Cumberledge
Address 320 Front St., West Union, W.Va. 26456
Coal Owner Same as Mineral Owner
Address _____
Coal Operator _____
Address _____

Company Equitable Gas
Address 420 Blvd. of the Allies, Pgh., Pa. 152
Farm A. H. Cumberledge Acres 25
Location (waters) Pratt Run
Well No. 5468 Elevation 1011.3
District McElroy County Tyler
Quadrangle West Union NE 4.3

INSPECTOR TO BE NOTIFIED

Mr. Arthur
PH: 775-5611
WVa-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 12-7-72.

Robert J. Todd
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 Jan. 28 19 72 by A. H. Cumberledge made to Equitable Gas Co. and recorded on the 9th day of March 19 72, in Tyler County, Book 192 Page 21

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, S. 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 of 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

445-Red PERMIT NUMBER

Survey

**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: 1960 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	255	255	Cem. to surface
9 - 5/8			
8 - 5/8	1209	1209	Cem. to surface
7			
5 1/2	1922	1922	Cem. to 1009
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