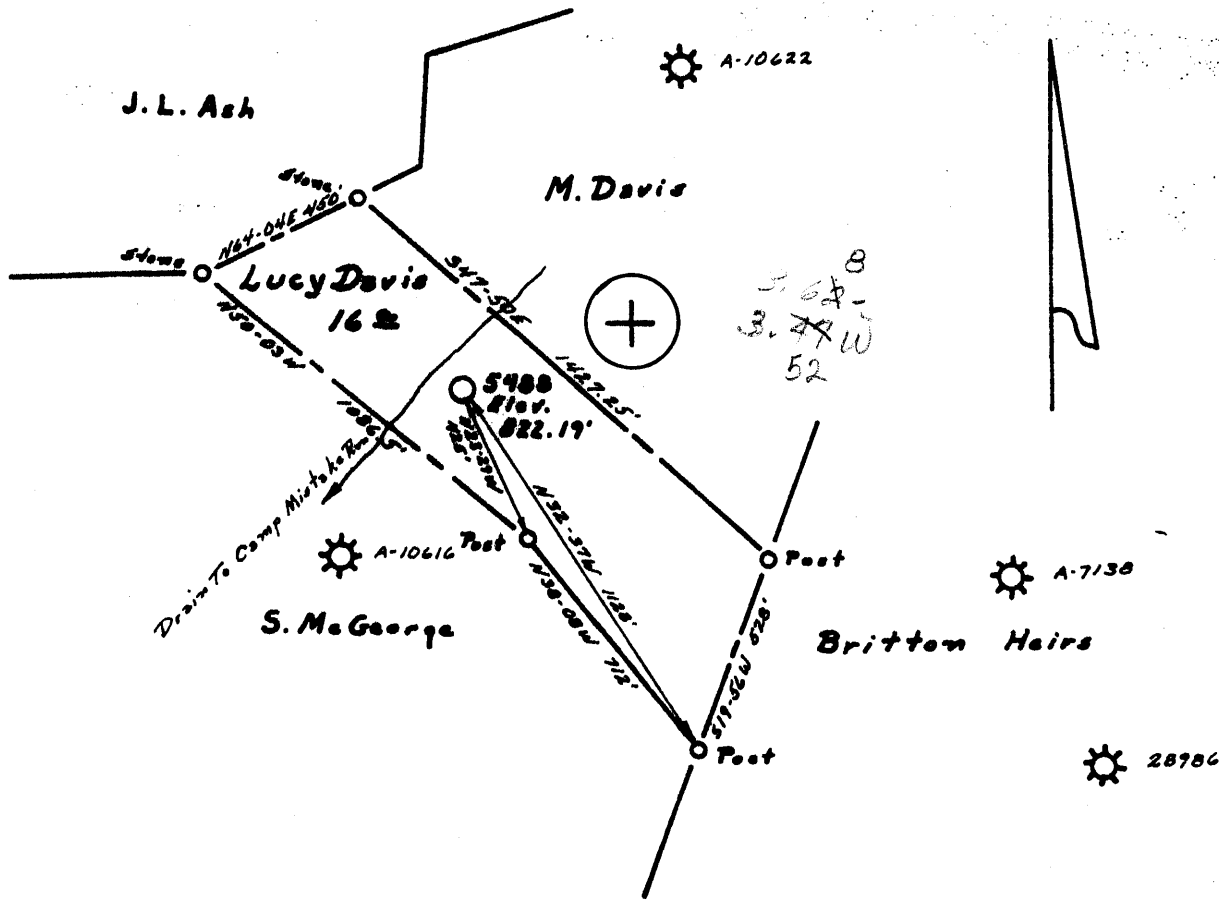


Latitude 39 ° 25 ' 00 "

Longitude 80 ° 45 ' 00 "



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

Source of Elevation BM 834' Bridge at Camp Mistake

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 Co. W.V. Div
 Address Pittsburgh, Pa
 Farm Lucy Davis
 Tract _____ Acres 16 Lease No. 26205
 Well (Farm) No. 1 Serial No. 5488
 Elevation (Spirit Level) 822
 Quadrangle West Union SE 2nd EC
 County Tyler District McElroy
 Engineer R. J. McWilliams
 Engineer's Registration No. 105 L.L.S.
 File No. 222-140 Drawing No. _____
 Date 7-20-73 Scale 1" = 500'

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

WELL LOCATION MAP ^W
 FILE NO. 246-461-Red
 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



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

WELL RECORD

Quadrangle West Union SE 2.1

Permit No. TYL-461-Red

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

Company Equitable Gas
Address Pittsburgh, Pa. 15219
Farm Lucy Davis Acres 16
Location (waters) Camp Mistake Run
Well No. 488 Corrected Size _____
District Elroy County Tyler Elev. 919
The surface of tract is owned in fee by _____
L. Brooks Coffman
Address Shirley, W. Va. 26434
Mineral rights are owned by Lucy Davis
Address E. Liverpool, Ohio
Drilling Commenced 8-20-73
Drilling Completed 9-21-73
Initial open flow _____ cu. ft. _____ bbls.
Final production _____ cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.
Well treatment details:

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
20-16			
13- 10X	28	28	19 sks. to sur
9 5/8			
8 5/8	1005	1005	625 " " "
7			
5 1/2	1850	1850	185 " " 305
4 1/2			gel to surface
3			
2			
Liners Used			

Attach copy of cementing record.

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

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
✓ Gas Sand			1036	1047		
✓ Salt Sand			1176	1542		
✓ Maxton Sand			1592	1644		
✓ Little Lime			1720	1740		
✓ Big Lime			1750	1806		
✓ <u>Big Injun Sand</u>			1814	1958		
✓ Weir Sand			2110	2213		
✓ 50' Sand			2312	2316		
✓ <u>Gordon Sand</u>			2528	2536		
• Redrilled to				2556		
• Cement Plug Back to				1872		
Completed Total Depth				1872		

Note: Gamma Ray Survey from surface to 2556.

* Indicates Electric Log tops in the remarks section.

(over)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

AUG 9 1973

Ladd

Oil and Gas Division DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner L. Brooks Coffman
Address Shirley, W. Va. 26434
Mineral Owner Lucy Davis
Address 1104 St. George St., E. Liverpool, Ohio
Coal Owner Mary Keys
Address Wilbur, W. Va. 26459
Coal Operator _____
Address _____

DATE August 7, 1973
Company Equitable Gas
Address Pittsburgh, Pa. 15219
Farm Lucy Davis Acres 16
Location (waters) Camp Mistake Run
Well No. 1-S-5488 Elevation 822
District McElroy County Tyler
Quadrangle West Union SE 2.1

✓ Note: No log or casing record on this well.

Week days

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 12-10-73

Mr. Paul
INSPECTOR TO BE NOTIFIED Ganett
Box 276 PH: 337-9386
Piedmont City, W. Va.
26159

Frank Hadd
Deputy Director - Oil & Gas Division

week ends tele:
321 Beech St 622-3871
Clarksburg, W. Va. 26301

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 April 2 1973 by Lucy Davis made to Equitable Gas Co. and recorded on the 9th day of May 1973 in Tyler County, Book 197 Page 308

_____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 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

47-461-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, Div. Supt. 26301
 ADDRESS _____ ADDRESS Box 1550, Clarksburg, W. Va.
 TELEPHONE _____ TELEPHONE 624-6576
 ESTIMATED DEPTH OF COMPLETED WELL: 1730 _____ 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	1230	1230	Cement to surface
8 - 5/8			
7			
5 1/2	1700	1700	Cement to surface
4 1/2			
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