



Minimum Error of Closure 1 in 200

Source of Elevation Elev. of Road at mouth of Poverty Run = 785 - USGS.

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.

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

Signed: W. S. Benson
Squares: N S E W

Company **PITTSBURGH TUBE CO.**
 Address 50 Scott Enterprises, Inc. P.O. Box 112, Salem, W.V.
 Farm Charlene Underwood
 Tract _____ Acres 145.3 Lease No. _____
 Well (Farm) No. Two Serial No. _____
 Elevation (Spirit Level) 787'
 Quadrangle Centerpoint WC
 County Doddridge District Grant
 Surveyor Engineer W. S. Benson
 Surveyor's Registration No. 1227
 File No. _____ Drawing No. _____
 Date December 16, 1975 Scale 1" = 40 poles = 660 ft.

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

WELL LOCATION MAP
 FILE NO. DODD - 1800

+ Denotes location of well on United States Topographic Maps, scale 1 to _____, latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing.

47-017



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle SMITHBURG
Permit No. DODD-1800

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

PITTSBURGH TUBE COMPANY
Company Scott Enterprises, Inc.
Address P.O. Box 112, Salem, WV 26426
Farm Charlene Underwood Acres 145
Location (waters) Big Flint
Well No. One S-190 Elev. 787
District Grant County Doddridge
The surface of tract is owned in fee by _____
Charlene Underwood
Address Rt. 4, West Union, WV 26456
Mineral rights are owned by Charlene Underwood
Address Rt. 4, West Union, WV
Drilling Commenced 1-4-76
Drilling Completed 1-23-76
Initial open flow show gas cu. ft. _____ bbls.
Final production 1192M cu. ft. per day _____ bbls.
Well open _____ hrs. before test 485 RP.
Well treatment details:

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
8 5/8 10"	206	206	100
8 5/8			
7	1652	1652	75
5 1/2			
4 1/2	4923	4923	205
3			
2			
Liners Used			

Attach copy of cementing record.

Coal was encountered at 705 Feet _____ Inches
Fresh water 125 Feet _____ Salt Water _____ Feet _____
Producing Sand Blue Monday, Injun, Riley, Benson Depth 1700, 1820, 4347, 4814

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Top soil			0	20		
Sand			20	125		
Sand & shale			125	350		
Redrock & shale			350	500		
Sand			500	705		
Coal			705	711		
Shale			711	1125		
Sand			1125	1225		
Sand & shale			1225	1340		
Sand			1340	1500		
Shale			1500	1730		
Sand			1730	2020		
Redrock & shale			2020	3500		
Sand			3500	4812		
Benson			4812	4816		
Shale			4816	4962		
T D				4962		

(over)

* Indicates Electric Log tops in the remarks section.

FEB 1 1977



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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DEC 19 1975

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 Charlene Underwood
 Address Rt. 4, West Union, WV 26456
 Mineral Owner Charlene Underwood
 Address Rt. 4, West Union, WV 26456
 Coal Owner None
 Address _____
 Coal Operator None
 Address _____

DATE December 18, 1975
 Company Pittsburgh Tube Company
 Address PO Box 112, Salem, WV 26426
 Farm Charlene Underwood Acres 145.3
 Location (waters) Big Flint Run
 Well No. Two Elevation 787'
 District Grant County Doddridge
 Quadrangle Smithburg

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 drilling. This permit shall expire if operations have not commenced by 4-19-76.

Robert L. Allen
GENERAL MANAGER Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Paul Garrett
PH. 622-3871 ADDRESS Clarksburg, W. Va.

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 6-13-75 1975 by Charlene Underwood et al made to Pittsburgh Tube Company and recorded on the 17th day of September 1975, in Doddridge County, Book 100 Page 88

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.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505
AC 304-296-4461

Very truly yours,

(Sign Name)

Jana F. Scott
PITTSBURGH TUBE COMPANY

Well Operator
Scott Enterprises, Inc.
P.O. Box 112

Address of Well Operator

Street Salem
City or Town West Virginia 26426
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

Dodd-1800 PERMIT NUMBER

47-017

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

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Glenn L. Haught & Sons NAME Scott Enterprises, Inc.
 ADDRESS Smithville, WV ADDRESS P.O. Box 112, Salem, WV 26420
 TELEPHONE 477-2222 TELEPHONE 782-2323
 ESTIMATED DEPTH OF COMPLETED WELL: 5000' ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Denson
 TYPE OF WELL: OIL _____ GAS X COMB. _____ STORAGE _____ 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	1470	1470	360
5 1/2			
4 1/2	5000	5000	125
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 60 FEET SALT WATER FEET _____
 APPROXIMATE COAL DEPTHS None 269' Pittsburgh Coal 6'
 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