



Surface: Larry Combs
Newton, WV

Minimum Error of Closure 1 in 200

Source of Elevation P. A. TALLMAN NO. 27, ELEV. 1182.58

Fracture
 New Location Water Injection
 Drill Deeper
 Abandonment

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.

Signed: *Curtis A. Lucas*

Map No. 72 Squares: N S 55 E W 35

Company	PENNZOIL COMPANY		
Address	P. O. Box 1588, Parkersburg, W. Va. 26101		
Farm	P. A. TALLMAN		
Tract	Acres	2350	Lease No. 81216-50
Well (Farm) No.	55	Serial No.	
Elevation (Spirit Level)	1020.89 <i>WC</i>		
Quadrangle	TARIFF 7 1/2', Otter 15'		
County	ROANE	District	SMITHFIELD
Surveyor	CURTIS A. LUCAS		
Surveyor's Registration No.	275		
File No.	1344	Drawing No.	
Date	6-26-78	Scale	1" = 800'

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

WELL LOCATION MAP
 FILE NO. ROA-2405

+ 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.

47-087 JUL 13 1978

2100' Super 8-0 TARIFF 199



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division DEPT. OF MINES

WELL RECORD

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

Quadrangle Tariff 7.5'

Permit No. Roa-2405

087

Company Pennzoil Company
Address P. O. Box 1588, Parkersburg, WV 26101
Farm P. A. Tallman Acres 2350
Location (waters) Trace Fork
Well No. 55 Elev. 1020.89'
District Smithfield County Roane
The surface of tract is owned in fee by Larry Combs
Address Newton, WV
Mineral rights are owned by Anna Lee Collins
Address 1009 Main St., Pt. Pleasant, WV
Drilling Commenced 8-12-78
Drilling Completed 8-16-78
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. 13-10"			
9 5/8			
8 5/8	264	264	
7			165 sks.
5 1/2			
4 1/2	2094	2094	
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Fractured 10-20-78 w/138 B KCL Water, 1100# 20/40 sd., 250 Gal. 15% HCL
Water Injection Well

Coal was encountered at _____ 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
Shale				96		
Sand			96	110		
Shale			110	210		
Sand			210	236		
Shale			236	350		
Sand			350	362		
Shale & Silt			362	576		
Sand			576	592		
Shale			592	670		
Sand			670	830		
Shale			830	864		
Sand			864	906		
Shale			906	920		
Sand			920	1004		
Shale			1004	1044		
Sand			1044	1060		
Shale			1060	1070		
Sand			1070	1112		
Shale			1112	1126		
Sand			1126	1162		
Shale			1162	1178		
Siltstone			1178	1196		
Sand			1196	1208		

* Indicates Electric Log tops in the remarks section.

(over)

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Silt & Sand			1208	1306		
Shale			1306	1344		
Sand			1344	1358		
Shale			1358	1362		
Sand			1362	1368		
Shale			1368	1482		
Sand			1482	1546		
Shale & Silts			1546	1558		
Sand			1558	1684		
Shale			1684	1700		
Sand			1700	1714		
Shale			1714	1732		
Sand			1732	1816		
Shale			1816	1830		
Sand			1830	1870		
Little Lime			1870	1898		
Blue Monday			1898	1902		
Pencil Cave			1902	1922		
Big Lime			1922	2030		
Big Injun			2030	2056		
Shale			2056	2108		
Total Depth				2108		
Plug Back Depth				2071		

Date March 27, 19 79

APPROVED [Signature] PENNZOIL COMPANY Owner

[Signature]
(Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

JUN 27 1978

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 June 26, 1978

Surface Owner Larry Combs

Company Pennzoil Company

Address Newton, WV 25686

Address P. O. Box 1588, Parkersburg, WV 26101

Mineral Owner Anna Lee Collins

Farm P. A. Tallman Acres 2350

Address 1009 Main Street, Point Pleasant, WV

Location (waters) Trace Fork

Coal Owner _____

Well No. 55 Elevation 1020.89'

Address _____

District Smithfield County Roane

Coal Operator NO COMMERCIAL COAL

Quadrangle Tariff 7.5'

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 drilling. This permit shall expire if operations have not commenced by 10-28-78.

INSPECTOR TO BE NOTIFIED Richard Morris

ADDRESS Grantsville, W. Va.

PHONE 354-7259

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 May 21, 1906 by P. A. Tallman, et ux made to Carter Oil Company and recorded on the _____ day of _____ 19____, in _____ County, Book 12 Page 26

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, WEST VIRGINIA 26505
AC-304 - 292-6331

Very truly yours, PENNZOIL COMPANY

(Sign Name) Curtis A. Lucas
Well Operator Curtis A. Lucas,
Civil Engineering De

Address of Well Operator P. O. Box 1588
Street Parkersburg,
City or Town West Virginia 26101
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

ROA-2405 PERMIT NUMBER

47-087

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 Clint Hurt & Assoc. NAME Pennzoil Company
 ADDRESS _____ ADDRESS Parkersburg, West Virginia 26101
 TELEPHONE _____ TELEPHONE 422-6565
 ESTIMATED DEPTH OF COMPLETED WELL: 2100' ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Injun
 TYPE OF WELL: OIL _____ GAS _____ COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER Water Injection

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	248'	248'	Cement to surface
7	.	.	.
5 1/2	.	.	.
4 1/2	2100'	2100'	100 sks.
3	.	.	Perf. Top
2	.	.	Perf. Bottom
Liners	.	.	Perf. Top
	.	.	Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS _____
 IS COAL BEING MINED IN THE AREA? None 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