



39 27 08
80 41 35

3.445
143W

Surface:
Vernon DeLong
Alvy, W.Va.

Minimum Error of Closure 1 in 200
Source of Elevation Peter Horner 9, Elev. 1008.94'

Fracture
New Location Injection Well
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. N47 Squares: N1 S1 E W4

Company	PENNZOIL COMPANY		
Address	P. O. Box 1588, Parkersburg, W. Va. 26101		
Farm	PETER HORNER		
Tract	Acres	Lease No.	63 15460-50
Well (Farm) No.	11	Serial No.	
Elevation (Spirit Level)	1189.90'		
Quadrangle	CENTERPOINT 7.5' & 15' NW		
County	District	TYLER M'ELROY	
Surveyor	CURTIS A. LUCAS		
Surveyor's Registration No.	275		
File No.	Drawing No.	1687	
Date	Scale	9/22/80 1" = 800'	

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

WELL LOCATION MAP
095-0859
FILE NO. _____

+ Denotes location of well on United States Topographic Maps, scale 1 to ~~25,000~~ ^{24,000} latitude and longitude lines being represented by border lines as shown.

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

3145 GORDON

BRUNING 44-131 27198

8-D Jacksonburg-Stringtown (95)

OCT 10 1980



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JAN 21 1981

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

OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle Centerpoint 7.5'
Permit No. 47-095-0859

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

Company Pennzoil Company
Address P. O. Box 1588, Parkersburg, WV 26101
Farm Peter Horner Acres 63
Location (waters) Indian Creek
Well No. 11 Elev. 1189.90'
District McElroy County Tyler
The surface of tract is owned in fee by _____
Vernon DeLong
Address Alvy, WV
Mineral rights are owned by Dessel P. Yeater
Address 639 Washington Ave., Clarksburg WV
Drilling Commenced 10-21-80
Drilling Completed 11-3-80
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	1068	1068	150 sks
8 5/8			
7			
4 1/2	3153	3153	100 sks
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Water Injection Well

Perf: 3084-3092-16H

Fractured 12-15-80 w/250 gals. 15% HCL, 140 BGW, 1000# 20/40 sd

Coal was encountered at _____ Feet _____ Inches

Fresh water _____ Feet _____ Salt Water _____ Feet _____

Producing Sand Gordon Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand			0	1112		
Shale			1112	1478		
Sand			1478	1492		
Shale & Sand			1492	2230		
Little Lime			2230	2242		
Pencil Cave			2242	2254		
Blue Monday			2254	2292		
Big Lime			2292	2336		
Loyalhanna			2336	2380		
Pocono Big Injun			2380	2506		
Pocono Shale			2506	3070		
Gordon			3070	3155		
Total Depth				3155		

MAR 9 1981

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks

Date 1-16, 1981

APPROVED *Arthur A. Leman* Owner
 CIVIL Eng. Dept.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE September 23, 1980

Surface Owner Vernon Delong
Address Alvy, WV
Mineral Owner Dessel P. Yeater
Address 639 Washington Ave., Clarksburg, WV
Coal Owner _____
Address _____
Coal Operator NO COMMERCIAL COAL
Address _____

Company Pennzoil Company
Address P. O. Box 1588, Parkersburg, WV
Farm Peter Horner Acres 63
Location (waters) Indian Creek
Well No. 11 Elevation 1189.
District McElroy County Tyler
Quadrangle Centerpoint 7.5'

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 5-26-81

INSPECTOR
TO BE NOTIFIED Phil Tracy
ADDRESS Rt. 23, Alma, WV
PHONE 758-4573

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 title thereto, (or as the case may be) under grant or lease dated September 12 1995 by Peter and Mary A. Horner made to South Penn Oil Company and recorded on the _____ day of _____ 19____, in _____ County, Book 27 Page 316

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 operator 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. Luca
Well Operator Curtis A. Luca
P. O. Box 1588 Civil Eng. De
Street
Parkersburg,
City or Town
West Virginia 26101
State

Address
of
Well Operator

*SECTION 3. . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt 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.

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

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE STIMULATE _____
 DRILLING CONTRACTOR (If Known) _____ RESPONSIBLE AGENT _____
 NAME _____ NAME Pennzoil Company
 ADDRESS _____ ADDRESS Parkersburg, WV 26101
 TELEPHONE _____ TELEPHONE 422-6565
 ESTIMATED DEPTH OF COMPLETED WELL 3145 ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Gordon
 TYPE OF WELL: OIL _____ GAS _____ COMB _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER Water Inj

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT LIFT UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	1065	1065	485 sks.
7			
5 1/2			
4 1/2	3145	3145	200 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. 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 two (2) days 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 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