



Minimum Error of Closure 1 in 200'

Source of Elevation U.S.G.S. B.M. at Centerpoint = 790'

- Fracture.....
- New Location.....
- 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: *Walter J. [Signature]*
 Squares: N S E W

Map No.

Company HUGH SPENCER
 Address West Union, West Va.
 Farm U. G. Prunty
 Tract _____ Acres 210 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 937
 Quadrangle Centerpoint NC
 County Doddridge District McClellan
 Engineer *Walter J. [Signature]*
 Surveyor's Registration No. 1227
 File No. _____ Drawing No. _____
 Date October 29, 1974 Scale 1" = 800'

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

WELL LOCATION MAP
 FILE NO. DOD-1777

+ 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



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

WELL RECORD

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

Quadrangle Centerpoint

Permit No. DCD-1777

Company Hub Services
Address West Union, W.V.
Farm U. G. Prunty Acres 210
Location (waters) Beverlin Fork
Well No. one Elev. 937'
District McClellan County Doddridge
The surface of tract is owned in fee by
U. G. Prunty Holms
Address Salem, W. Va.
Mineral rights are owned by Same
Address _____
Drilling Commenced 1-03-75
Drilling Completed 1-24-75
Initial open flow show cu. ft. _____ bbls.
Final production 100,000 M cu. ft. per day _____ bbls.
Well open 72 hrs. before test 100 # 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			
7	618'	618'	100 sks
5 1/2			
4 1/2	2153	2153	50 sks
3			
2			
Liners Used			

Well treatment details: Attach copy of cementing record.
500 gallons of Acid with 38,640 gallons of water
34,000 lbs. 20-40 Sand

Coal was encountered at none 544 Feet 72 Inches
Fresh water 38 Feet Salt Water _____ Feet
Producing Sand Big Injun Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Red Rock			0	16		
Sand			10	17		
Red Rock			17	35		
Sand			35	60	Water	38'
Red Rock & Shale			60	101		
Sand			101	185		
Red Rock			185	225		
Shale			225	300		
Sand			300	335		
Shale			335	385		
Sand			385	400		
Shale			400	428		
Sand			428	477		
Shale			477	482		
Sand			482	517		
Sand Shale			517	527		
Shale			527	544	Coal	544 - 550
Sand & shale			544	640		
Shale			640	680		
Sand			680	688		
Shale			688	715		
Sand			715	745		
Red Rock			745	766		

* Indicates Electric Log tops in the remarks section.

(over)

Formation	Color	Hard or Soft	Top Feet ±	Bottom Feet	Oil, Gas or Water	* Remarks
			766	795		
			795	820		
			826	898		
			898	953		
			953	981		
			981	1090		
			1090	1127		
			1127	1270		
			1270	1448		
			1448	1500		
			1500	1590		
			1590	1669		
			1669	1718		
			1718	1920		
			1920	2010	Gas	2016 to 2024
			2010	2140		
			2140	2251	Gas	2072 to 2082

Date 3-5 19 76

APPROVED Sheph. Spencer Owner

By _____ (Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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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 November 18, 1974

Surface Owner U.G. Prunty Heirs

Company Hugh Spencer

Address Salem, W.Va.

Address West Union, W.Va.

Mineral Owner Same

Farm U. G. Prunty Acres 210

Address _____

Location (waters) _____

Coal Owner Mountaineer Coal Co.

Well No. 1 Elevation 937'

Address Fairmont, W.Va.

District McClellan County Doddridge

Coal Operator _____

Quadrangle Centerpoint

Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 20, Article 1, of the W. Va. Code, the location is hereby for drilling. This permit shall be valid if operations have not commenced by 3-20-75

Richard Morris
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Richard Morris
Grantsville, W.Va. PH: 354-7259

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 March 5, 1969 by Pennzoil United, Inc. made to Hugh K. Spencer and recorded on the 20th day of May 19 69 in Doddridge County, Book 93 Page 100

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,
(Sign Name) Hugh Spencer
Well Operator
West Union
Street
West Virginia 26456
City or Town
State

PLEASE SUBMIT COPIES OF ALL
CORRECTIONS LOGS DIRECTLY TO:
West Virginia Geological and Economic Survey
P. O. Box 19
Martinsburg, W. Va. 26505
AC 304-296-4461

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.

BOND DRILL

DOD-1777 PERMIT NUMBER

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

PROPOSED WORK ORDER TO: X DRILL DEEPEN FRACTURE WELL

WELL OPERATOR
NAME Hugh Speneer

RESPONSIBLE AGENT:
NAME Hugh Spenser

ADDRESS West Union, W.Va.

ADDRESS West Union, W.Va.

TELEPHONE 873-1602

TELEPHONE 873-1602

DRILLING CONTRACTOR: (IF KNOWN)
NAME Spencer Enterprises

LAND OWNER:
NAME U.G. Prunty Heirs

TELEPHONE 873-1602

TELEPHONE _____

ESTIMATED DEPTH OF COMPLETED WELL: 2200

ROTARY X

PROPOSED GEOLOGICAL FORMATION: Big Injun

CABLE TOOLS _____

TYPE OF WELL: OIL _____ GAS X COMB. _____ STORAGE _____ DISPOSAL _____

TYPE WASTE _____ RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING	CEMENT TO BE USED	FOR DRILLING	TO BE LEFT
20	_____	_____	_____
16	_____	_____	_____
13 3/8	_____	20	20
11 3/4	_____	_____	_____
10 3/4	_____	_____	_____
9 5/8	_____	_____	_____
8 5/8	_____	_____	_____
7	125 Sacks	700	700
5 1/2	_____	_____	_____
4 1/2	60 "	2200	2200
3 1/2	_____	_____	_____
2 3/8	_____	_____	_____
LINERS USED	_____	_____	_____

APPROXIMATE DEPTHS OF EXPECTED POTABLE WATER STRATA 50 Ft.

APPROXIMATE DEPTHS OF EXPECTED WORKABLE COAL SEAMS? 650 Ft.

IS COAL BEING MINED IN THE AREA? No

WAIVER: I the undersigned, Agent for _____ Coal Company, owner or operator of the coal under this lease have examined and placed 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