



Surface: Carl E. Beaty et al
 110 Water St.
 Mannington, W. Va.
 Coal: JoAnn Coal Co.
 Pittsburgh, Pa.

MAP NO. N50A
 SQUARES N 6 S E 14 W

SCALE 1 IN = 200 FT.
 DISTRICT COUNTY

Minimum Error of Closure 1' in 200'
 Source of Elevation Pennzoil United, Inc. Records

- 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: S. C. Hillert
 Map No. N50 E Squares: N 5 S E 14 W

Company	PENNZOIL UNITED, INC.		
Address	P. O. Box 1583, Parkersburg, W. Va.		
Farm	N. S. BEATY		
Tract	Acres <u>437</u>	Lease No. <u>12200</u>	
Well (Farm) No.	<u>10</u>	Serial No. <u>W-2</u>	
Elevation (Spirit Level)	<u>1249.87 Gr.</u>		
Quadrangle	<u>Mannington 30</u>		
County	<u>Marion</u>	District <u>Mannington</u>	
Engineer's Registration No.	<u>2454</u>		
DWG No.	<u>845</u>	Drawing No.	
Date	<u>Feb. 10, 1970</u>	Scale	<u>1" = 200'</u>

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

WELL LOCATION MAP
 FILE NO. Mar-934 (A)

+ 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.



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

- Rotary
Spudder
Cable Tools
Storage

Drangle Mannington
Well No. 934-A

WELL RECORD

Oil or Gas Well _____ (KIND)

Company PENNZOIL UNITED, INC.
 Operator N. S. Beaty Acres 437
 Location (waters) _____
 No. W-2 (10) Elev. 1249.87'
 District Mannington County Marion
 Surface of tract is owned in fee by Carl E. Beaty, et al
110 Water St. Address Mannington, W.Va.
 Mineral rights are owned by Same as above
 Address _____
 Drilling commenced 8-11-1894
 Drilling completed 12-11-1894
 Shot _____ From _____ To _____
 Flow _____ /10ths Water in _____ Inch
 _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Shut in Pressure _____ hrs.
 _____ bbls., 1st 24 hrs.
 Well Acidized (DETAILS) _____
 Well Fractured (DETAILS) _____
 Result After Treatment (Initial open flow or bbls.) _____
 Shut in Pressure After Treatment _____ HOURS
 Fresh Water _____ Feet Salt Water _____ Feet
 Producing Sand _____ Depth _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Size of
10			
8 3/4			Depth set
6 3/4			
5 3/16			Perf. top
4 1/2			Perf. bottom
3			Perf. top
2			Perf. bottom
Liners Used			

Attach copy of cementing record.
 CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
 Amount of cement used (bags) _____
 Name of Service Co. _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Conductor			14				
Pittsburgh Coal			789				
St. Louis Sand			2710	2765			
Clinton Foot			2770	2820			
Clinton Foot			2870	2900			
Clinton Sand			2960	2980			
Clinton			2989				
Clinton			2993				
Clinton			3000				
Total depth				3016'			

S. E14915W. Location Made Purchased From
 District Mannington Rig Completed 7/30/1894 Date Purchased
 Marion Dr'g Commenced 8/11/1894 Sold To
 W. Va. Dr'g Completed 12/11/1894 Date Sold
 Rights Owned By Dr'g Contractor A.C. Graham Date Abandoned

FORMATION				
Kind	Top	Bottom	Steel Line Measurement	Tests
Drill		14		
Pittsburg	789			
Sand	2710	2735		
Foot	2770	2820		
"	2870	2900		
Sand	2960	2980		
"	2989			
"	2993			
"	3000			
1 Depth		3016		

2992
720

CASING RECORD				
Size	Bottom Casing (Steel Line)	Put In Well (Tally Meas.)	Pulled (Tally Meas.)	Cemented
10		795		Date
8 1/4		1320		Size Csg.
6 5/8		1800		Top "
5 3/16		2280	2260	Bot. "
4 1/2 x 4	2989	725		

PACKERS AND SHOES			
Kind	Size	Depth Set	Date Set

TORPEDO RECORD					
Date	No. Qts.	Size Shell	Top Shot	Bottom	Results
4/17/1896	20	10'	2992		
7/23/1897	30	11	2992		
11/11/1898	55	7	2991		
10/28/1900	50	--	2992		
11/25/1919	80	4-4 1/2	2992		

DRILLING DEEPER				
Commenced	Completed	Original Depth	Final Depth	Contractor

ABANDONMENT RECORD					
Filled With	From	To	PLUG		
			Size	Kind	Depth

rod.	Sand	★ At Completion	★ 30Days After	★

APPROVED _____ Supt.

TESTS, REPORTS AND REMARKS ON REVERSE SIDE

El. 1250'

Marion 954A

PROPOSED MANNER OF PLUGGING AND FILLING WELL

(REQUIRED BY RULES AND REGULATIONS)

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION
WORK ORDER

Well to be plugged and filled as follows:

Install Bridge 2798'

Pull 4-1/2" casing

Cement	2100-2090
Cement	1925-1915
Cement	1790-1780
Cement	1490-1480
Cut 6-5/8"	1350'
Cement	1350-1340
Cut 8-1/4"	850'
Cement	850-840
Set 2" vent	650'
Cement	650-630
Clay	630-10
Cement	10-0'

Proper monument

To the Department of Mines
Coal Owner or Operator,
Lease or Property Owner.

IF PARTIAL PLUGGING
PLEASE SUBMIT REVISED WELL RECORD
WHEN WORK IS COMPLETED.

Gentlemen:

This "work order" is submitted for your approval and concurrence and unless notified of your disapproval or non-concurrence, the undersigned will proceed with the plugging and filling of said well in the above described manner on the date inspector is notified after permit is issued.

Very truly yours,
PENNZOIL UNITED, INC.

By: A. C. Hilbert
A. C. Hilbert, Engineer Well Operator

No objections have been filed by the coal owner or coal operator, or any available adjacent lease or property owners or interposed by the Department of Mines to the manner herein described for the plugging and filling of the well above mentioned. Therefore, the same is hereby approved this

day of _____, 19____.

DEPARTMENT OF MINES
Oil and Gas Division

By: _____

NOTE: This "work order" shall be filed in triplicate, one copy for the files of the Department of Mines; one to be approved or corrected and returned to the well operator as his authority for plugging said well; and one for the well inspector.