

MINIMUM ERROR OF CLOSURE 1' IN 200

SOURCE OF ELEVATION Well No 1 Ritchie Permit No 741
El. 844.6

New Location
 Drill Deeper
 Abandonment
 8-19-69

"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."

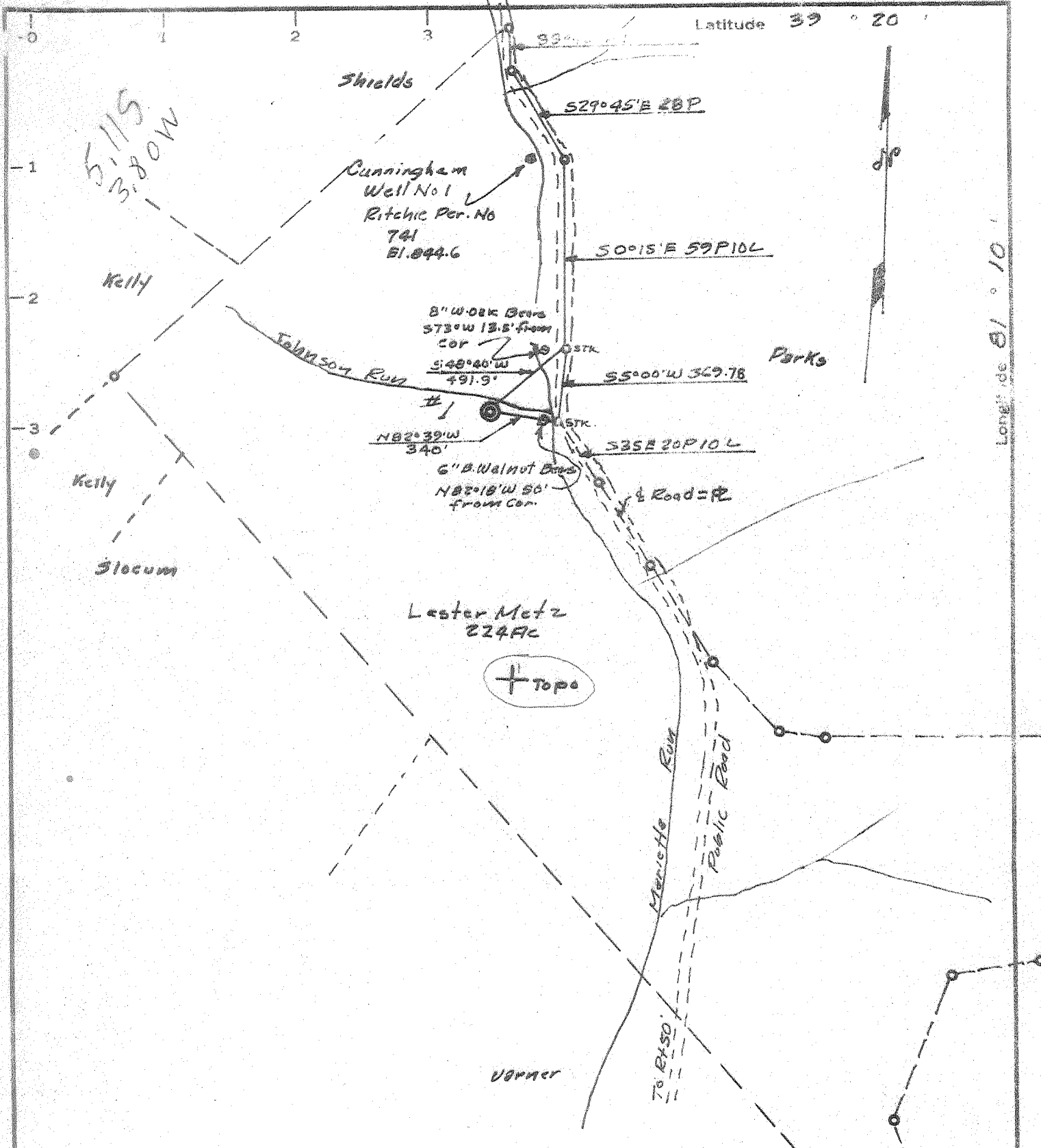
Company Westmans Petroleum Inc.
 Address 1014-7TH ST. PARKERSBURG, W. Va.
 Farm Lester Met 2
 Tract _____ Acres 224 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 824.3
 Quadrangle St Marks SW
 County Ritchie District Grant
 Engineer Reginald S. [unclear]
 Engineer's Registration No. 4801
 File No. _____ Drawing No. _____
 Date 9-25-67 Scale 1" = 60P

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

WELL LOCATION MAP
 FILE NO. RIT-3242-1

+ 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.



Longitude 81 ° 10

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Company ADRIAN PETROLEUM INC
 Ado. 1814-7TH ST. PARKERSBURG, W. VA.
 Farm Lester Metz
 Tract _____ Acres 224 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 824.3
 Quadrangle St. Mary's SW
 County Ritchie District Grant
 Engineer Raymond B. [Signature]
 Engineer's Registration No. 4801
 File No. _____ Drawing No. _____
 Date 9-25-67 Scale 1" = 40P

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

LOCATION MAP
FILE NO. RIE-3242

+ Denotes location of well on
Topographic Maps, scale 1 to 62,500. States
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 DIVISION 12

Rotary
Spudder
Cable Tools
Storage

Oil or Gas Well Dry
(KIND)

WELL RECORD

Quadrangle St. Marys
Permit No. RIT-3242

Company Adena Petroleum, Inc.
Address 1814 Seventh St., Parkersburg, W. Va.
Farm Lester Metz Acres 224
Location (waters) Marietta Run
Well No. 1 Elev. 824.3
District Grant County Ritchie
The surface of tract is owned in fee by Lester Metz
Address Cairo, W. Va.
Mineral rights are owned by Amick Heirs
Address Cairo, W. Va.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	42'	42'	
9 5/7"	1836	1836	Size of
8 1/4"			
6 3/4"	6600	6600	Depth set
5 3/16"			
4 1/2"			
3			Perf. top 3484
2			Perf. bottom 3788
Liners Used			Perf. top
			Perf. bottom

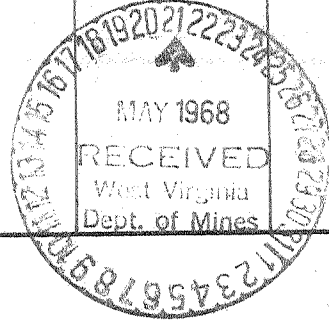
Drilling commenced 10/9/67
Drilling completed 11/13/67
Date Shot From To
With
Open Flow /10ths Water in. Inch
/10ths Merc. in. Inch
Volume Cu. Ft.
Rock Pressure lbs. hrs.
Oil bbls., 1st 24 hrs.

Attach copy of cementing record.
CASING CEMENTED 7 SIZE 6600 No. Ft. 11/6/67 Date
Amount of cement used (bags) 200
Name of Service Co. Halliburton
COAL WAS ENCOUNTERED AT None FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

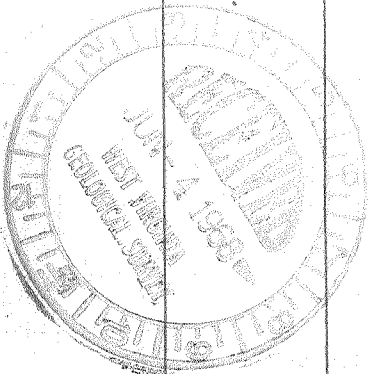
WELL ACIDIZED (DETAILS)
WELL FRACTURED (DETAILS) 12/14/67 1920 BBLs Water 28,000# 20-40 Sand
Shale
RESULT AFTER TREATMENT (Initial open Flow or bbls.) Non Commercial
ROCK PRESSURE AFTER TREATMENT HOURS
Fresh Water 20' Feet Salt Water Feet
Producing Sand Depth

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Gravel			0	8			
Sand			8	50			
Slate & Shells			50	563			
Sand			563	590			
Slate & Shells			590	940			
Sand			940	980			
Shale			980	1205			
Sand			1205	1270			
Shale			1270	1375			
Sand			1375	1415			
Shale			1415	1586			
✓ Lime <u>Bigline</u>			1586	1690			
Shale <u>340</u>			1690	1720			
✓ Sand <u>Super</u>			1720	1815			
Shale			1815	2195			
✓ Sand <u>Super</u>			2195	2207			
Slate & Shells			2207	5450			
Shale			5450	5520			
✓ Lime - <u>Huntersville to McKenzie</u>			5520	7296			
✓ Sand - <u>Keefer</u>			7296	7321			
Shale			7321	7510			
Slate & Shells			7510	7526			
Shale			7526	7589			
Sand ?			7589	7610			
Slate & Shells			7610	7712			

Onondaga - 5520 - 4696
Huntersville
Oriskany 5710 - 4886 ?
Newburg 6860 - 6036



Formation	Color	Hard or Soft	Top 12	Bottom	Oil, Gas or Water	Depth Found	Remarks
Broken Sand & Shale Shale	tanish		7712 7880 8200 T.D. <u>615</u>	7880 8200	Tuscarora Clinton all wet fig		
					7712 8200 5684		



Date 7/20, 1968

APPROVED Adena Petroleum, Inc., Owner

By [Signature]
(Title)