

MINIMUM ERROR OF CLOSURE 1' IN 200

SOURCE OF ELEVATION USGS Elev. At Road Intersection Approx

3000' North East of Well Location Elev. 770.0

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."

Company WESTTRANS PETROLEUM, INC.
 Address 299 Park Avenue - New York, N.Y.
 Farm IRVIN WARDEN
 Tract _____ Acres 15 Lease No. _____
 Well (Farm) No. ONE Serial No. _____
 Elevation (Spirit Level) 877.0
 Quadrangle GUYANDOT NE
 County CABELL District BARBOURSVILLE
 Engineer Raymond S. [Signature]
 Engineer's Registration No. 4801
 File No. _____ Drawing No. _____
 Date Dec 28, 1968 Scale 1" = 200'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. CAB-534

+ 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

Section Guyandot

Permit No. CAB-534

WELL RECORD

Oil or Gas Well Gas
(KIND)

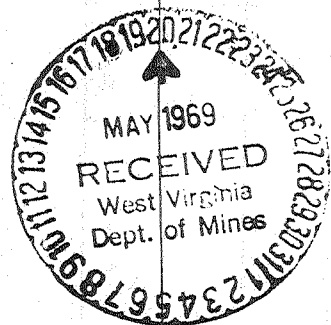
Company WESTRANS PETROLEUM, INC.
 Address 299 Park Avenue, New York, N. Y.
 Name Irvin Warden Acres 15
 Location (waters) Merrick Creek
 Well No. ONE Elev. 877.0
 District Barboursville County Cabell
 The surface of tract is owned in fee by
 Address
 Mineral rights are owned by Irvin Warden
 Address Barboursville, W. Va.
 Drilling commenced 12-13-68
 Drilling completed 1-6-69
 Date Shot From To
 Open Flow /10ths Water in Inch
 /10ths Merc. in Inch
 Volume show gas Cu. Ft.
 Rock Pressure lbs. hrs.
 Oil bbls., 1st 24 hrs.
 WELL ACIDIZED (DETAILS)
 WELL FRACTURED (DETAILS) 1-17-69 by DOWELL - used 851 bbl. water & 21,000# 20-40 sand

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	65	65	Size of
10			Depth set
8 5/8	2450	2450	
6 5/8			
5 3/16			Perf. top
4 1/2	4860	4860	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) (see reverse side)
 Name of Service Co.
 COAL WAS ENCOUNTERED AT NONE FEET INCHES
 FEET INCHES FEET INCHES
 FEET INCHES FEET INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 582,000 cf 582 MCF
 ROCK PRESSURE AFTER TREATMENT 1250# HOURS
 Fresh Water Feet Salt Water Feet
 Producing Sand Clinton Tuscarora Depth 4770 - 86

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	10			
Sandstone			10	120			
Shale			120	250			
Sand			250	310			
Shale			310	400			
Sand			400	420			
Shale & sand			420	700			
Sand			700	760			
Shale			760	810			
Sand			810	860			
Shale			860	980			
Sand			980	1050			
Shale			1050	1140			
Sand			1140	1180			
Shale			1180	1430			
Sand			1430	1520			
Shale			1530	1550			
Limestone			1550	1740			
Shale			1740	1790			
Jun Sand			1790	1886			
Shale-shale			1886	2346			
Sand			2346	2357			
Shale-shale			2357	3603			
Chert			3663	3750			
Sand			3750	3790	Show gas		
Shale, Dol., Anhy			3790	4422			
Shale			4422	4693			
Shale & shale	<u>Tusa</u>		4693	4743			
Shale			4743	4757			
Clinton Sand	<u>Tusa</u>		4757	4796			



(over)

36
30
56 expl footage

MAY 27 1969

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
ale TOTAL DEPTH	JUNATA		4796	4856 4856			
CASING CEMENTED:							
13-3/8" Cemented by Halliburton 12-23-68 w/50 sacks							
8-5/8" Cemented by Halliburton 12-31-68 w/50 sacks							
4-1/2" Cemented by Halliburton 1-6-69 w/100 cf pozmix							
LOGGED BY SCHLUMBERGER:							
12-31-68 G R - Density - Neutron - Induction							
1-5-69 G R - Density - Neutron - Induction - Temperature							

Date May 16, 1969

APPROVED WESTRANS PETROLEUM, INC., Owner

By Thomas H. Beckman
(Title) Vice President