

LATITUDE 39° 15'

LONGITUDE 80° 40'

Minimum Error of Closure 1' in 200'

Source of Elevation Concrete at Ground level, Well #4 (Abd.)

Albert Pearcy. El. 960.37'

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: *A.C. Hilbert*

Map No. 17

Squares: N S 18 E W 8

Company **SOUTH PENN OIL CO.**
 Address **PARKERSBURG, W.Va.**
 Farm **ALBERT PEARCY**
 Tract Acres **375** Lease No. **31413**
 Well (Farm) No. **9** Serial No. **31414**
 Elevation (Spirit Level) **923.70' ground**
 Quadrangle **VADIS NW**
 County **DODDRIDGE** District **NEW MILTON**
 Engineer **A.C. Hilbert**
 Engineer's Registration No. **2534**
 File No. **887** Drawing No. _____
 Date **May 14, 1963** Scale **1" = 800'**

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

WELL LOCATION MAP

FILE NO. **DOD-976**

+ 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 DIVISION 4

Quadrangle VADIS

Permit No. DOD-976

WELL RECORD

Oil or Gas Well BOTH
(KIND)

Company PENNZOIL COMPANY formerly SOUTH PENN OIL COMPANY
Address P. O. Box 1588, Parkersburg, W. Va.
Farm Albert Percy Acres 375
Location (waters) Right Fork of Toms Run
Well No. 9 Elev. 923.70'
District New Milton County Doddridge
The surface of tract is owned in fee by Paul W. Clavanger
R.F.D. #1 Address Blandville, W. Va.
Mineral rights are owned by Lyle P. Hornor & Co., Realtor, Agent
Goff Bldg. Address Clarksburg, W. Va.

Drilling commenced July 4, 1963
Drilling completed July 22, 1963
Date Shot - From - To -
With -

Open Flow 59 /10ths Water in 1/8" Orf. Inch
/10ths Merc. in - Inch
Volume 3,500 Cu. Ft.
Rock Pressure Not Taken lbs. hrs.
Oil 5 bbls., 1st 24 hrs.
WELL ACIDIZED -

WELL FRACTURED August 5, 1963, by Halliburton Company

RESULT AFTER TREATMENT Gas = 75,000 BCF dry Cu. Ft.
Oil = 200 BCF dry Bbls.

ROCK PRESSURE AFTER TREATMENT 270 Lbs.

~~FRESH~~ Water 120 Feet Salt Water - Feet

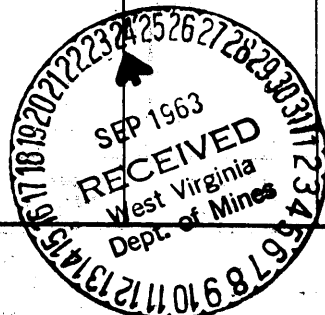
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16"	18'	18'	Kind of Packer
13"			-
10.75"	352'	352'	Size of
8.625"	1522'	1522'	
6 5/8"			Depth set
5.5"	2008'	2008'	
3"			Perf. top
2"			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 5.5" SIZE 2008 No. Ft. 7/23/63 Date

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
Soil			0	10			
Sand Stone			10	70			
Slate			70	90			
Sand			90	120			
					Water	120	Hole Full
Slate			120	136			
Sand			136	165			
Slate			165	315			
Sand			315	345			
Slate			345	355			
Sand			355	375			
Shale			375	460			
Lime, Brown			460	478			
Shale			478	490			
Slate			490	635			
Sand			635	695			
Shale			695	755			
Sand			755	770			
Slate & Red Rock			770	955			
Sand			955	975			
Slate			975	1100			
Sand			1100	1160			
Slate			1160	1294			
Sand			1294	1375			
Slate			1375	1515			
Sand			1515	1560			
Slate			1560	1587			
Marble			1587	1620			
Slate			1620	1640			

(over)



Formation	Color	Hard or Soft	Top 4	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			1640	1655			
Slate			1655	1750			
Lime, Broken			1750	1770			
Slate			1770	1780			
Little Lime			1780	1806			
Blue Monday			1806	1828			
Big Lime			1828	1884			
Big Injun			1884	1974			
					Oil-1st. Pay	1924-1958	Show
					Gas	1924-1958	59/10 W. 1/8"
							Orf.
					Oil-2nd. Pay	1965-1968	1 bbl. 5 hrs.
Slate			1974	2008			
TOTAL DEPTH				2008			

Date September 23, 1963
 PENN OIL COMPANY formerly
 APPROVED SOUTH PENN OIL COMPANY, Owner
 By George W. Wilman
 George W. Wilman, Manager
 Land-Lease Records Department