

Company FOSTER MAYS, JR.

Address KENNA, W. VA.

Farm R. J. ESTEP

Tract _____ Acres 15 Lease No. F-1539

Well (Farm) No. 1 & 2 Serial No. F-1540

Elevation (Spirit Level) #1 - 839; #2 - 877

Quadrangle CLENDENIN

County KANAWHA District BIG SANDY

Engineer PAUL E. JOACHIM

Engineer's Registration No. 669

File No. 74-69 Drawing No. _____

Date AUG 25, 1959 Scale 1" = 400'

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

WELL LOCATION MAP

FILE NO. KAN-1286-A #1
KAN-1287-A #2

+ 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.

6-0 217

R.J. ESTEP NO. 1 & 2 - FOSTER MAYS, JR. - KAN-1286-87-A



2046
2057

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Condensin
Permit No. 1786-A

WELL RECORD

Oil or Gas Well Oil
(KIND)

Company South Penn Natural Gas Co.
Address Box 1280, Parkersburg, W. Va.
Farm R. J. Estep Acres 160
Location (waters) Big Sandy
Well No. R. J. Estep #1 Elev. 713
District Big Sandy County Kanawha
The surface of tract is owned in fee by R. J. Estep
heirs Address _____
Mineral rights are owned by South Penn Gas Co.
Address Parkersburg, W. Va.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			<u>R. H. Packer</u>
10			Size of <u>6 5/8 X</u>
8 3/4	442	442	<u>8 1/4</u>
6 5/8	1622	1622	Depth set <u>1622</u>
5 3/16			
3			Perf. top
2	1890	1890	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Drilling commenced 2-11-13
Drilling completed 4-6-13
Date Shot 4-18-13 From 1874 To 1882
With 20 Quarts
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED _____

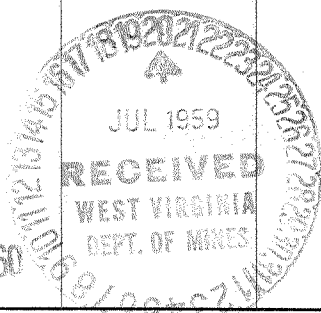
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
400 FEET _____ INCHES 406 FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT

ROCK PRESSURE AFTER TREATMENT

Fresh Water 395 Feet Salt Water 1135 Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	16			
Slate			16	400			
Coal			400	406			
Slate			406	965			
Sand			965	1033			
Salt Sand			1033	1435	Water	1135	
Maxon Sand			1435	1550			
Slate			1550	1595			
Pencil Cave			1595	1597			
Big Lime			1597	1741			
Big Injun			1741	1791			
Squaw Sand			1791	1890	Oil & Gas		



MAR 26 1960

(over)

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks

Date July 17, 1959
APPROVED Joseph M. Meyer, Jr., Owner
By _____ (Title)