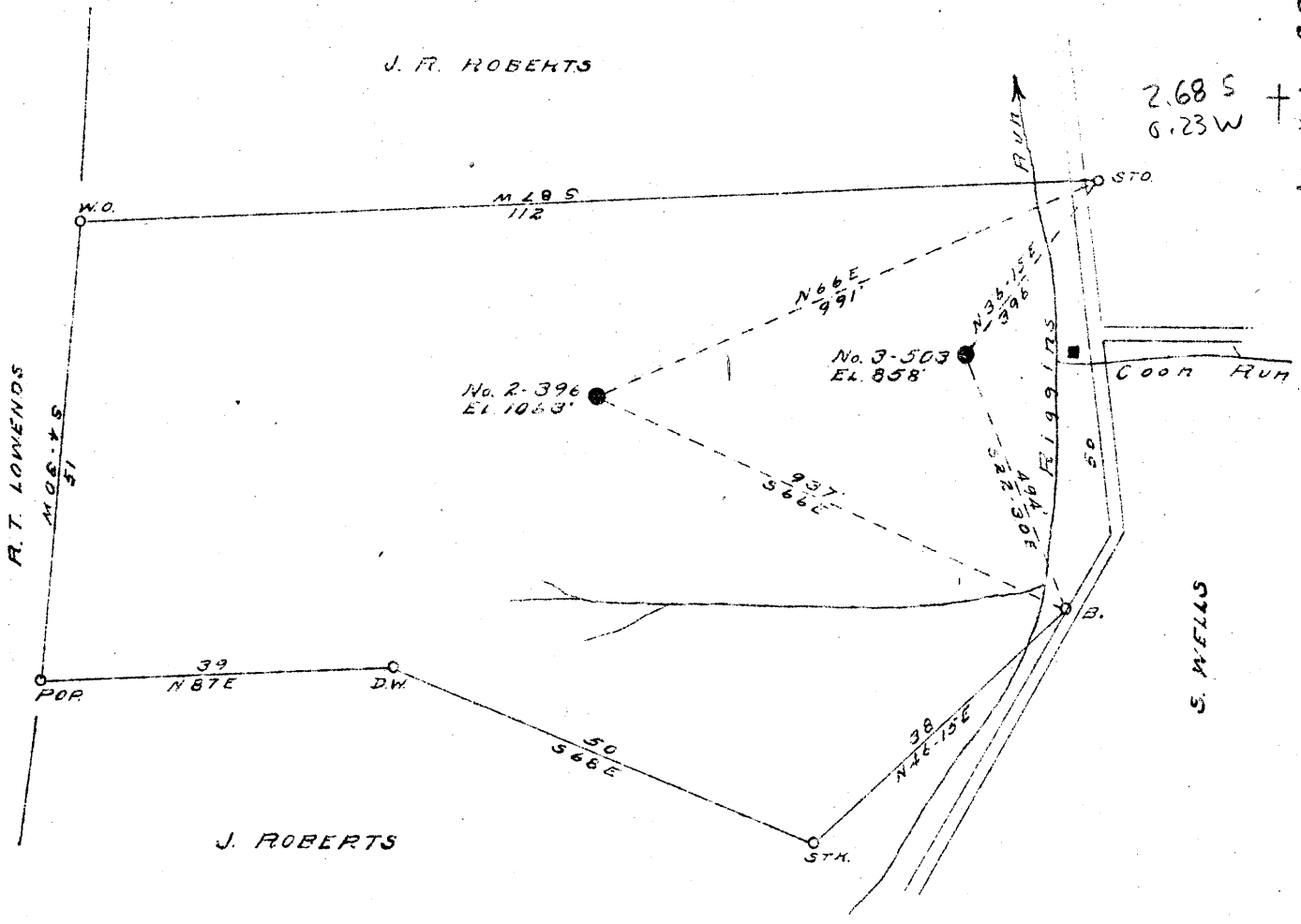


Latitude 39 25

Longitude 80 40



New Location

Drill Deeper

Abandonment

Company CARNEGIE NATURAL GAS

Address PITTSBURGH, PA

Farm N. W. THOMAS

Tract _____ Acres 50 Lease No. E-8440-50

Well (Farm) No. 2 Serial No. E-396

Elevation (Spirit Level) 1063'

Quadrangle CENTERPOINT N.W.

County DODDRIDGE District McCLELLAN

Engineer R. L. SWEENEY

Engineer's Registration No. _____

File No. _____ Drawing No. _____

Date 6-8-48 Scale 1"=20 Feet

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

WELL LOCATION MAP
FILE NO. DOD-667-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.



665

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. 667-A

WELL TO BE ABANDONED

Oil or Gas Well OIL
(KIND)

Company CARNEGIE NATURAL GAS COMPANY
 Address 1015 FRICK BLDG., PITTSBURGH, PA.
 Farm N. W. THOMAS Acres 50
 Location (waters) RIGGINS RUN
 Well No. 2-396 Elev. 1063'
 District McCLELLAN County DODDRIDGE
 The surface of tract is owned in fee by SEE BELOW
 Address _____
 Mineral rights are owned by SEE BELOW
 Address _____
 Drilling commenced 1-4-15
 Drilling completed 2-8-15
 Date Shown 8-31-20 200ft from 2202 To 2209
~~Well~~ 8-14-23 25 ft: 2203 To 2211
8-29-23 30 ft: 2202 To 2217
 Open Flow /10ths Water in _____ Inch
 /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil 60 bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water 1500 feet 1650 feet

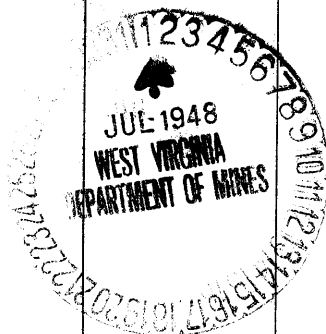
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	<u>407</u>	<u>407</u>	Size of
8 1/4	<u>1335</u>	<u>None</u>	
6	<u>2017</u>	<u>2017</u>	Depth set
5 3/16	<u>2149</u>	<u>2149</u>	
3			Perf. top
2		<u>2214</u>	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Da _____
 COAL WAS ENCOUNTERED AT 455 FEET _____ INCHES
680 FEET _____ INCHES FEET _____ INCHES
 FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Mapleton Coal				<u>455</u>			
Pittsburgh Coal				<u>680</u>			
Little Dunkard			<u>1053</u>	<u>1100</u>			
Big Dunkard			<u>1135</u>	<u>1193</u>			
Gas Sand			<u>1300</u>	<u>1365</u>			
1st Salt Sand			<u>1420</u>	<u>1445</u>			
2nd Salt Sand			<u>1480</u>	<u>1530</u>	Water	<u>1500</u>	
3rd Salt Sand			<u>1590</u>	<u>1749</u>	Water	<u>1650</u>	
Marion Sand			<u>1829</u>	<u>1900</u>			
Little Lime			<u>1983</u>	<u>1998</u>			
Big Lime			<u>2017</u>	<u>2100</u>			
Big Injun			<u>2100</u>		<u>Oil</u>	<u>2203</u>	
TOTAL DEPTH				<u>2214</u>			

SURFACE AND ROYALTY OWNERS:

Lester Thomas,)
 Pearl Underwood,)
 Fay Thomas,)
 A. L. Thomas,)
 West Union, W. Va.



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

Date JUNE 30, 1948

APPROVED CARNEGIE NATURAL GAS COMPANY, Owner

By B. W. Archer Land Agent.
(Title)

N. W. THOMAS NO. 2 (396) WELL.

McClellan District, Doddridge County, W. Va. Dodd
 By Carnegie Natural Gas Co., 1015 Frick Bldg., Pittsburgh, Pa. 667A
 Abandoned under permit Dod-~~182~~A?
 On 50 acres, on Riggins Run.
 Elevation, 1063' L.
 Surface and minerals owned by Lester Thomas, Pearl Underwood,
 Fay Thomas, and A. L. Thomas, West Union, W. Va.
 Drilling commenced Jan. 4, 1915; completed Feb. 8, 1915.
 Shot Aug. 31, 1920, with 20 qts., at 2202-2209'; Aug. 14, 1923, with
 25 qts., at 2203-2214'; and Sept. 29, 1925, with 30 qts., at
 2202-2217'.
 Oil, 60 bbls., 1st 24 hrs.
 Salt water at 1500 and 1650'.
 10" casing, 407'; 8 $\frac{1}{4}$ " 1335' (pulled); 6 $\frac{5}{8}$ " 2017'; 5 $\frac{3}{8}$ " 2149';
 2" tubing, 2214'.
 Coal was encountered at 435' and 680'.
 Oil well. Record to Dept. of Mines dated June 30, 1948.
 Record to RCT from Mrs. Griffith September 27, 1949. Old File No. 665.

	Top.	Bottom.
Mapletown (Sewickley) Coal	455	...
Pittsburgh Coal	680	...
Little Dunkard Sand	1053	1100
Big Dunkard Sand	1135	1193
Gas Sand	1300	1365
1st Salt Sand	1420	1445
2nd Salt Sand (water, 1500')	1480	1530
3rd Salt Sand (water, 1650')	1590	1749
Maxton Sand	1829	1900
Little Lime	1983	1998
Big Lime	2017	2100
Big Injun Sand (oil, 2203')	2100
Total depth		2214