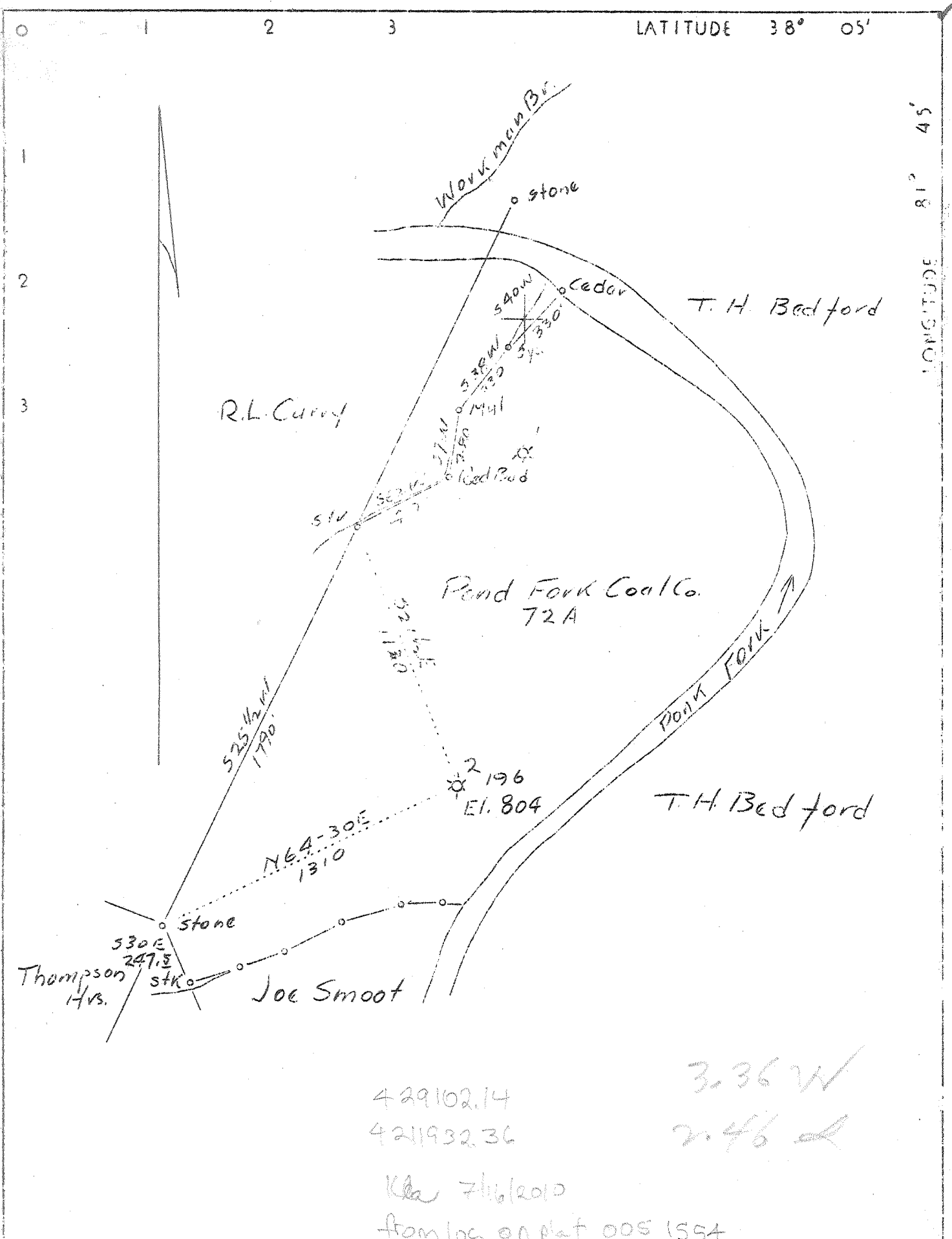


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429102.14
4211932.36

3.36 W
2.46 d

Kla 7/16/2010
from loc on plat 005 1554

Company	Owens, Libbey Owens Gas Dept
Address	Box 1375 Charleston, W. Va.
Farm	Pond Fork Coal Co.
Tract	Acres 72 ⁰ Lease No. 256
Well (Farm) No.	2 Serial No. 196
Quadrangle	Madison
County	Boone
District	Crook
Engineer	T. S. Flourney
Engineer's Registration No.	269
File No.	Drawing No.
Date	4-1-37 Scale 1" = 500'

STATE OF WEST VIRGINIA
Department of Mines
OIL AND GAS DIVISION
Charleston

WELL LOCATION MAP
File No. B00-45A

+ Denotes location of well on U. S. 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

B00-45A

CLOP

Boone 45-A

Creek District, Boone County, W. Va.
 By the Owens, Libbey-Owens Gas Dept., Box 1375, Charleston, W. Va.
 On 72 acres, on Pond Fork; surface and minerals owned by Pond Fork
 Coal Co., Huntington, W. Va.

Elevation, 304' L.

Drilling commenced Feb. 16, 1925; completed March 31, 1925.

Shot March 25, 1925, at 1733-1743'.

Volume, 794,000 cu. ft.

Rock pressure, 440 lbs. in 24 hrs.

Fresh water at 210'; salt water at 500'.

10" casing, 43'; 8", 475'; 6", 1065'; 3" tubing, 1780'; all left in.

Anchor packer, 2 x 6", set at 1691'.

Coal was encountered at 400-404'.

Gas well. Abandonment reported to Dept. of Mines April 1, 1937.

Record to NOT from Dept. of Mines 4-30-37.

	Top.	Bottom.
Soil	0	4
Slate	4	30
Sand	30	64
Slate	64	68
Sand	68	210
Slate (hole full fresh water, 210')	210	220
Sand	220	390
Slate	390	400
Coal	400	404
Slate	404	430
Lime	430	440
Salt Sand (hole full salt water, 500')	440	850
Red rock	850	855
Marion Sand	855	915
Slate	915	978
Little Lime	978	1019
Pencil Cove	1019	1025
Big Line (gas, 1100')	1025	1245
Big Injun Sand	1245	1285
Slate	1285	1300
Weir Sand	1300	1470
Slate	1470	1693
Shell	1693	1695
Shale	1695	1723
Berea Sand (gas, 1726-38'; 597 H.)	1723	1753
Black line	1753	1780
Total depth		1780

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

338

B00-45-A

WELL RECORD

Permit No. _____ Oil or Gas Well **Gas Well**
(Kind)

Company **THE OWENS, LIBBET-OWENS GAS DEPARTMENT**
 Address **P. O. Box 1375, Charleston, W. Va.**
 Farm **Pond Fork Coal Co.** Acres **72**
 Location (waters) **Pond Fork**
 Well No. **196** Elev. **804'**
 District **Crook** County **Boone**
 The surface of tract is owned in fee by **Pond Fork Coal Co.**
 Address **Huntington, W. Va.**
 Mineral rights are owned by **Same**
 Address _____
 Drilling commenced **February 16th, 1925**
 Drilling completed **March 31st, 1925**
 Date shot **March 25, 1925** Depth of shot **1728 to 1743**
 Open Flow /10ths Water in _____ Inch
 /10ths Merc. in _____ Inch
 Volume **794,000** Cu. Ft.
 Rock Pressure **440** lbs. **24** hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water **210** feet _____ feet
 Salt water **500** feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			Anchor
10	43	43	Size of
8 1/4	475	475	2 1/2 x 6 5/8"
6 5/8	1065	1065	Depth set
5 3/16			1691 ft.
3			Perf. top
2	1780	1780	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 COAL WAS ENCOUNTERED AT **400** FEET **48** INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Shell			0	4			
Slate			4	30			
Sand			30	64			
Slate			64	68			
Sand			68	210			
Slate			210	220	Fresh Water	210'	Hole full
Sand			220	390			
Slate			390	400			
Coal			400	404			
Slate			404	430			
Line			430	440			
Salt Sand			440	850	Salt Water	500'	Hole full
Red Rock			850	855			
Marion Sand			855	915			
Slate			915	978			
Little Line			978	1019			
Pencil Cave			1019	1025			
Big Line			1025	1245	Gas	1100'	197 mcf p
Injun Sand			1245	1285			
Slate			1285	1300			
Feir Sand			1300	1470			
Slate			1470	1693			
Shell			1693	1695			
Shale			1695	1723			
Serea Sand			1723	1753			
Black Line			1753	1780	Gas	1726-1738'	597,000
Total Depth				1780			

794
- 597
197

