



COAL NOT OPERATED.

New Location
 Drill Deeper
 Abandonment

Company EARL WARD,
 Address 527 5TH. AVE. N.Y. N.Y.
 Farm ROMAN PICKENS,
 Tract 1 Acres 1703 Lease No. _____
 Well (Farm) No. 3 Serial No. _____
 Elevation (Spirit Level) 816
 Quadrangle MADISON. EC
 County BOONE District SCOTT.
 Engineer G.E. Krebs
 Engineer's Registration No. 9
 File No. 11-981 Drawing No. _____
 Date 6-3-46 Scale 1" = 800 FT.

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

WELL LOCATION MAP
 FILE NO. BOO-117-A

"Boone C" → 80003

+ 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.

BOONE - C

also Boone 1974

Pickens & Guthrie (Roman Pickens) No. 3 Well.

Scott District, Boone County, W. Va.

By Sayre Oil Co.

Boo-C on map. *Drill deeper*

Elevation, 816' L.

15± M. cu. ft. Shale gas; 211 M. cu. ft. in Berea.

Located 0.98 mi. S. of 38° 10' and 4.09 mi. W. of 81° 45'—EC—Madison Quadrangle.

On north side of Hewitt Creek. (1.1 mi. from mouth at Harless).
1.8 mi. E. of Julian.

	Top.	Bottom.	Thickness.	Elevation (top).
Big Lime	1285	1523	238	— 469
Big Injun Sand	1523?	-----	---	— 707?
Berea Sand	1992	2012	20	—1176
Corniferous Lime	4256	4334	78	—3440
Oriskany Sand	4338	4361	23	—3522

Thickness, Devonian Shales, 2244 feet.

Remarks: Completed deepening Nov. 8, 1938.

Completed to 2012', Dec. 19, 1926.

Show gas, 2650', 3365-75', 3590-3615'.

Oil in Weir Sand.

Samples from 4316-4427'.

On 1700 acres.

Total depth, 4427'.

(4398' Hal.)

Shot at 2640-3370'.

236

DEEP WELL

485

Boone C
80003

Scott District, Boone County, W. Va.

By Sayre Oil Company.

Located 0.9 mi. S. of 36° 10' and 1.0 mi. W. of 81° 45' - 20 - Madison
Quadrangle; 1.6 mi. E. of Julian.

Elevation, 1616' L.

Completed Nov. 23, 1938.

Samples examined from 4316 to 4427'; other information supplied by R. C.
Lafferty.

Martens' record from samples.

Top. Bottom. Thickness.

1285 - 1523	238	Big Line
1992 - 2012	20	Berea Sandstone
HUNTERSVILLE CHERT, 66 FEET		
4272		Top of Huntersville Chert
4316 - 4319	3	Chert, light-gray, calcareous
4319 - 4327	8	Limestone, light-gray, cherty, and sandy, with a little glauconitic
4327 - 4329	2	Chert, light-gray, calcareous
4329 - 4338	9	Limestone, gray, very cherty, and sandy; somewhat glauconitic
ORISKANY SANDSTONE, 23 FEET		
4338 - 4342	4	Sandstone, gray, calcareous, medium-grained
4342 - 4349	7	Limestone, cherty, sandy, glauconitic; samples much contaminated by shale, drill steel, etc.
4349 - 4361	12	Sandstone, light-gray, medium-grained, calcareous
HELDENBERG GROUP, 66+ FEET		
4361 - 4398	37	Chert and impure limestone, dark-gray, not described in detail
4398 - 4427	29	Chert, impure limestone, and cherty, calcareous, and glauconitic siltstone; not described in detail
4427		Total depth

PICKERS AND QUINCY NO. 3 WELL.
(ROMAN PICKERS).

Boone 117A

Scott District, Boone County, W. Va.

By Sayre Oil Co., Charleston Natl. Bank Bldg., Charleston, W. Va.

On 1700 acres.

Elevation, 216' L.

Well drilled Dec. 19, 1926. Tubed in 25/16 W. 2" (Berens Grit) (211 W.)

Well recovered May 12, 1938.

This well was drowned-out for five years. Casing perforated, casing pulled and recased with 17# 6" Redding pipe.

Show of gas at 2630', 1/10 W. 1".

Show of gas, 3365-3375', 1/10 W. 1".

Show of gas at 3375-3415', 2/10 W. 1".

Shot from 2640 to 3370' with 4050 lbs. of Atlas gelatin.

Shot by Turdy Bickel Torpedo Company - practically no results.

Ran 3320' of 3" tubing - perforated at 2660' and 2010'; also ran 3260' of 1" syphon pipe to take care of water and the oil from the Veir Sand.

Well tubed November 25, 1938.

Record to BOT from Sayre Oil Co., Charleston, W. Va., April 7, 1943.

	Top.	Bottom.
Berens Sand	2012
Slate and shells	2012	2080
lime shells	2080	2110
Slate	2110	2160
lime shells	2160	2200
Slate and shells	2200	2280
lime shells	2280	2315
Slate	2315	2340
lime	2340	2415
Slate and shells	2415	2600
lime shells	2600	2660
Slate and shells	2660	2750
lime	2750	2850
Slate and shells	2850	3080
lime shells	3080	3110
Slate	3110	3165
Brown shale	3165	3185
lime	3185	3204
Slate and shells	3204	3275
lime and shells	3275	3285
Slate and shells	3285	3415
Brown shale	3415	3450
White slate	3450	3462
Brown shale	3462	3615
White slate	3615	4043
Brown shale	4043	42587
Corniferous lime	42587	4334
Sandy lime	4334	4396
lime	4396	4427
Total depth (cable measurement)		4427
Total depth (Halliburton line)		4396



J46

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. *AB* B00-117 *A*

Oil or Gas Well Oil
(KIND)

Company Sayre Oil and Gas Company
 Address *Chas. W. W.*
 Farm Pickens & Guthrie Acres *1703*
 Location (waters) _____
 Well No. 3 Elev. 816.2
 District *Jeff* County *Boone*
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced _____
 Drilling completed December 19, 1926
 Date Shot From 2640' To 3370'
 With 4050 lbs. Atlas Gellatin
 Open Flow /10ths Water in _____ Inch
 _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size	Conductor	15'	Kind of Packer
16			
13			
10	286		Size of
8 1/4	500		
6 1/2	1338		Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ 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 Found	Remarks
Sand			15	40			
Slate			40	80			
Sand			80	100			
Slate			100	170			
Coal			170	173			
Slate			173	196			
Lime			196	280			
Slate			280	400			
Sand			400	434			
Slate			434	566			
Sand			566	775			
Slate			775	781			
Hard shell			781	790			
Slate			790	900			
Sand			900	925			
Slate and shells			925	1148			
Red rock			1148	1153			
Slate			1153	1173			
Red rock			1173	1179			
Slate			1179	1230			
Sandy lime			1230	1245			
Slate			1245	1252			
Little lime			1252	1280			
Pencil cave			1280	1285			
Black lime			1285	1335			
Big lime - white			1335	1523			
Red rock			1523	1563			
Slate			1563	1675			
Lime shell			1675	1745			
Slate and shells			1745	1930			
Lime shell			1930	1980			
Coffee slate			1980	1992			
Berea			1992	2010			
Total depth				2035			
Well recovered 5/12/38 - tubed in 25/10 W 2" Grit. This well was drowned out for 5 years.							
Casing perforated - casing pulled and recased with 17 lbs. 6-5/8" Reddind pipe.							
Berea				2012			
Slate and shells			2012	2080			

OTW
 Show of Oil and Gas 665'
 Show of Water at 694'

Show of Oil at 1940'
 Gas 1992' - 2010' - Shot 90 qts.
 1992' - 2012'
 Gauged 6/10 W 2" Natural 20/10 W 2" after cleaning out. 189M

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime shells			2080	2110			
Slate			2110	2160			
Lime shells			2160	2200			
Slate and shells			2280	2315			
Slate			2315	2430			
Lime			2430	2415			
Slate and shells			2415	2600			
Lime and shells			2600	2660			
Slate and shells			2660	2750			
Lime			2750	2850			
Slate and shells			2850	3080			
Lime shells			2080	3110			
Slate			3110	3165			
Brown shale			3165	3185			
Lime			3185	3204			
Slate and shells			3204	3275			
Lime and shells			3285	3415			
Brown shale			3415	3450			
White slate			3450	3462			
Brown shale			3462	3615			
White slate			3515	4043			
Brown shale			4043	4256			
Corniferous lime			4256	4334			
Sandy lime			4334	4398			
Lime			4398	4427			
Total cable measurement				4427			
Halliburton line "				4398			
					Show of gas at - 2650'	1/10 W in 1" I/M	
					" " " 3365	3375' 1/10 W in 1" I/M	
					" " " 3590	3615' 3/10 W in 1" I/M	
Shot from 2640' - 3370' with 4050 lbs. Atlas Gellatin							
Ran 3320' of 3" tubing perforated at 2660' and 2010' - also ran 3260' of 1" siphon pipe to take care of the water from the Grit and the oil from the Weir sand.							
Well tubed November 28, 1938							

Date _____, 194__

APPROVED _____, Owner

By _____

(Title)