

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.

- Signature: _____
- New Location .
 Drill Deeper
 Redrill
 Abandonment

"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."

Company V. COURTLANDT SMITH II
 Address CHARLESTON, W. VA.
 Farm R. L. TURNER ETAL.
 Tract _____ Acres 61 Lease No. _____
 Well (Farm) No. 2 Serial No. C-15
 Elevation (Spirit Level) 590.
 Quadrangle CHARLESTON NW
 County POTNAM District POCA
 Engineer JOHN GALPIN
 Engineer's Registration No. 875
 File No. _____ Drawing No. _____
 Date 2/12/68 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. PUT-743

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.

6-6 302 Deep Well (Newburg)



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 10
WELL RECORD

Rotary
 Spudder
 Cable Tools
 Storage
 Oil or Gas Well Gas
 (KIND)

Quadrangle Charleston
 Permit No. PUT-743

Company V. Courtlandt Smith II
 Address 1901 Kanawha Valley Building, Chas. W. Va.
 Farm R. L. Turner Acres 61
 Location (waters) Poca River
 Well No. C-15 Elev. 590
 District Pocatalico County Putnam
 The surface of tract is owned in fee by R. L. Turner
ETAL Address _____
 Mineral rights are owned by R. L. Turner ETAL
 Address _____
 Drilling commenced 3-27-68
 Drilling completed 6-7-68
 Date Shot _____ From _____ To _____
 With _____

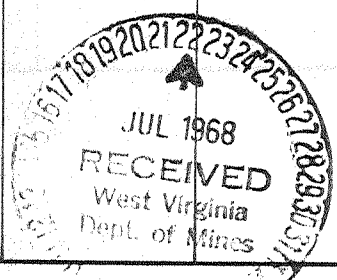
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	128' 4"	128' 4"	Size of
8 1/4			
6 3/4	1705.3'	1705.3'	Depth set
5 3/16			
4 1/2	5270.7'	5270.7'	
3			Perf. top
Up Set	5309	5309	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow 10ths Water in Not taken Inch
3,000 /10ths Merc. in _____ Inch
 Volume 1,000 M c.f. Est. _____ Cu. Ft.
 Rock Pressure 1,000 # 1220 lbs. 30 Min. 18 hrs KX
 Oil _____ bbls., 1st 24 hrs.
 WELL ACIDIZED (DETAILS) No
 WELL FRACTURED (DETAILS) No

Attach copy of cementing record. 4-17-68
 CASING CEMENTED 10" SIZE 128' No. Ft. 5-22-68 Date
4 1/2" 5270' 55 sacks cement 18 aquagel. 7" 1701'
 Amount of cement used (bags) 30 sacks cement 4 aquagel
 Name of Service Co. Well Service, Inc.
 COAL WAS ENCOUNTERED AT none FEET _____ INCHES
 FEET _____ INCHES FEET _____ INCHES
 FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____
 ROCK PRESSURE AFTER TREATMENT _____ HOURS
 Fresh Water _____ Feet _____ Salt Water _____ Feet _____
 Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Clay	Red		Surface	10			
Sand			10	35			
Red Rock			35	50			
Black Slate			50	100			
Blue Slate			100	180			
Black Slate			180	200			
Sand			200	210			
Red Rock			210	220			
Black Slate			220	370			
White Slate	Limey	Limey	370	490			
Black Slate			490	530			
White Slate			530	547			
Sand			547	568			
Lime	Sandy	Sandy	568	580			
Black Slate			580	595			
Limey		Sand	595	610			
Blue		Slate	610	670			
Black		Slate	670	740			
Sand			740	750			
Black Slate		Slate	750	790			
White Slate		Slate	790	820			
Black			820	842			
Sand			842	852			
Black			852	870			
Slate			870	980			
Sand & Lime			980	1,150			
Sand		Sharp	1,150	1,350			
Slate			1,350	1,355			
Sand			1,355	1,385			



Formation	Color	Hard or Soft	Top 10	Bottom	Oil, Gas or Water	Depth Found	Remarks
Limey Sand			1,385	1,390			
Sand coarse		Hard	1,390	1,417			
Slate Black		Soft	1,417	1,422			
Big Lime			1,422	1,587			
Injun Sand			1,587	1,668			
Slate & Shells			1,668	2,062			
Brown Shale			2,062	2,068			
Berea Sand			2,068	2,094			
Slate & Shells			2,094	3,270			
Brown Shale			3,270	3,826			
White Slate			3,826	4,136			
Shale			4,136	4,198			
White Slate			4,198	4,260			
Shale Marcellus			4,260	4,489			
Corniferous			4,489 - 4589	5,304		4,805	Sulfur Gas
New Berg			5,304	5,309		5,304	Newburg Gas
TOTAL DEPTH				5,309			Gas 5305-07

UFG Acct Report (6/18/68):

Corniferous 4489 - 4589
 Oriskany 4589 - 4615

Date July 16, 1968

APPROVED V. COURTLANDT SMITH II, Owner

By *V. Courtlandt Smith II*
 (Title)