

Company NATURAL RESOURCES CORPORATION
 Address P.O. BOX 612, MORGANTOWN, W. VA.
 Farm TUCKER COUNTY COURT
 Trace 1 Acres 245.39 Lease No. 67
 Well (Farm) No. 1 Serial No. 2
 Elevation (Spirit Level) 1586.00
 Quadrangle PARSONS - C
 County TUCKER District ST. GEORGE
 Engineer Ralph E. Baker
 Engineer's Registration No. 441
 File No. 2-19D-194 Drawing No. 7988 #
 Date Oct. 13, 1952 Scale 1" = 600'

STATE OF WEST VIRGINIA
 Department of Mines
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
 File No. Tuc - 8

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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 6

Parsons Quad.

WELL RECORD

Permit No. Tuc. 8

Oil or Gas Well Dry

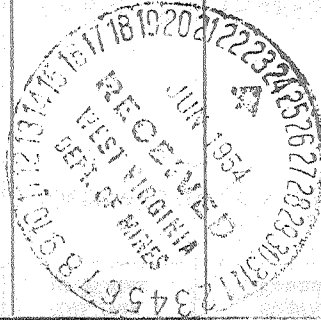
Company Natural Resources Corporation
Address P.O. Box 906, Morgantown, W. Va.
Farm Tucker County Court Acres 245.39
Location (waters) Cheat River
Well No. 1-2 Elev. 1586'
District St. George County Tucker
The surface of tract is owned in fee by Tucker Co. Court
Address Parsons, W. Va. 8 5/8
Mineral rights are owned by Tucker County Court
Address Parsons, W. Va. 5 1/2
Drilling commenced Nov. 4, 1952
Drilling completed June 17, 1954
Date Shot Not shot From _____ To _____
With _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18			
10	289' 3"		Size of
5 7/8 OD	749' 10"		
5 1/2 OD	3490'		Depth set
5 1/2 OD	5359'		
8			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water 285' feet _____ feet
Salt water None feet _____ feet

All casing to be pulled except about 270' of 5 1/2"
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
5 1/2" casing set in 25 bags cement
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
No coal
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface	Yellow	soft	0	10	Chemung	formation	
Sand	gray	hard	10	25			
Shale	gray	sandy	25	207			
Sand	gray	soft	207	255			
Shale	dark	sandy	255	295	Water, 285-290; hole full		
Sand	gray	shaly	295	355			
Sand shale	dk gray	soft	355	460	Portage-top		
Shale	dk gray	soft	460	631	Gas, 521-526; no test		
Sand & sh	dk gray	soft	631	1085			
Shale	dk gray	soft	1085	1235			
Sand	gray	hard	1235	1313			
Shale	dk gray	soft	1313	1610			
Shale very dark		soft	1610	2086			
Sand & sh	dk gray	medium	2086	2201			
Shale	dk gray	soft	2201	2666			
Sand & sh	dk gray	soft	2666	2838			
Shale	black	soft, fissile	2838	3061	Genesee-top		
Shale	dk gray to black	soft	3061	3650	Hamilton-top		
Shale	dk gray to black	soft fissile	3650	3724	Marcellus-top		
Shale	black	fissile	3724	4061			
Shale	dk gray	hard	4061	4119	Hamilton (repeated)		
Shale & lime	dk gray	soft	4119	4182			
Shale	dk gray	cherty	4182	4203			
Shale	dk gray	hard	4203	4270			
Shale	dk gray	limy	4270	4290			
Shale	dk gray	soft	4290	4386			



Formation	Color	Hard or Soft	Top ⁶	Bottom	Oil, Gas or Water	Depth Found	Remarks	
Shale	black	soft, fissile	4386	4427	Marcellus (repeated)			
Shale	dk gray	soft	4427	4456				
Shale	black	soft, fissile	4456	4747				
Shale	black	soft, limy	4747	4855				
Shale	black	soft, fissile	4855	4907				
Shale	black	soft, limy	4907	4970				
Lime	dk gray	hard	4970	5010		Lower Selinsgrove		
Shale	black	limy	5010	5079				
Shale	black	soft	5079	5280				
Lm & sh	dark	hard	5280	5329				
Shale	brown	soft	5329	5336	Brown Break			
Lime	dark	hard	5336	5369	Corniferous-top			
Chert	dark	hard	5369	5393	Huntersville-top (steel line measure)			
Chert	brown	sandy	5393	5405				
Chert	lt gray	hard	5405	5415				
Chert	brown	sandy	5415	5455				
Chert	black	hard	5455	5545				
Sh & lime	black	hard	5545	5555				
Sand	brown	fine	5555	5570	Oriskany-top			
Sand	gray	coarse	5570	5575				
Sand	gray	medium	5575	5600				
Sand	gray	fine	5600	5645				
Lime	dk gray	hard	5645	5650				
Sand	brown	coarse	5650	5660				
Sand	gray	fine	5660	5700				
Lime	dk gray	sandy	5700	5735	Helderberg-top			
Lime	dk gray	very sandy, soft	5735	5754				
Total depth						5754		

485

5336
1586
- 3750

5555
1586
- 3969

Date June 21, 1954, 19

APPROVED Natural Resources Corporation Owner
By *Kelvin F. Russell* President

TUCKER COUNTY COURT NO. 1 WELL.

St. George District, Tucker County, W. Va.

By Natural Resources Corporation, P. O. Box 612, Morgantown, W. Va.

Elevation, 1586' L.

Permit Tuc-8.

Located 1.26 mi. S. of 39° 10' and 4.34 mi. W. of 79° 35' - C - Parsons Quadrangle.

Section based on samples from 0-4993'; examined by Russell R. Flowers.

Record from Flowers May 5, 1954.

Top. Bottom. Thickness.

10 -	25	15	Siltstone and some shale, medium dark gray, some medium dark gray to olive-black, some medium-gray
25 -	120	95	Siltstone, dark-gray and brownish-gray to grayish-black shale; siltstone, medium dark gray with greenish-olive casts, shaly in part; some calcified fossil fragments (brachiopods and rare gastropods)
120 -	161	41	Siltstone, brownish-gray to dark-gray, argillaceous; some medium dark gray siltstone, shaly
161 -	190	29	Siltstone, medium dark to dark-gray with olive-gray and greenish-gray casts, shaly in part
190 -	220	30	Siltstone and some silty shale, medium to medium dark gray, highly calcareous in the upper part, moderately calcareous in the lower part; most of the calcareous material is fossil fragments
220 -	241	21	Siltstone and some shale, medium dark gray, many calcified fossil fragments
241 -	255	14	Sandstone (very fine) to siltstone, medium to medium dark gray, some olive-gray, highly calcareous
255 -	315	60	Siltstone, medium dark gray with greenish cast; some shale, medium dark to dark-gray
315 -	355	40	Siltstone, medium dark gray, some medium dark gray to dark-gray, somewhat calcareous, shaly in part, some calcified fossil fragments
355 -	400	45	Siltstone and silty shale, dark-gray to brownish-gray and brownish-black, some calcified fossil fragments; siltstone and shale, medium dark to dark-gray; mostly medium dark to dark-gray shale and siltstone from 384-390'
400 -	420	20	Siltstone and shale, medium dark to dark-gray; some medium light to medium-gray siltstone, somewhat dolomitic
420 -	488	68	Siltstone, medium to medium dark gray and shale, medium-dark to dark-gray, from 450-460' siltstone, medium to medium dark gray with some grayish-black streaks and some calcified fossil fragments
488 -	515	37	Siltstone and shale, medium to medium dark gray, some dark-gray, small amount is slightly calcareous and somewhat dolomitic
515 -	526	11	Siltstone and shale, dark-gray; siltstone and some shale, medium-dark to dark-gray; some medium-gray, slightly dolomitic siltstone in the upper part
526 -	569	43	Siltstone and shale, medium dark gray, medium dark to medium gray with greenish cast in the lower part, some dark-gray siltstone and shale
569 -	588	19	Shale and siltstone, medium dark to dark-gray, some medium-gray (highly calcareous with fossil fragments)
588 -	600	12	Siltstone and shale, medium dark to dark-gray
600 -	647	47	Siltstone, medium dark gray; siltstone and shale, medium dark gray to dark-gray; some calcified fossil fragments in the lower part

(OVER, p. 2)

Top.	Bottom.	Thickness.	
647	- 674	27	Siltstone, medium to medium dark gray, some dark-gray, contains many calcified fossil fragments; a large amount of medium-dark to dark-gray shale in the lower part
674	- 682	8	Shale, dark-gray; some medium dark gray to dark-gray siltstone and shale
682	- 700	18	Siltstone and shale, medium-dark to dark-gray; some dark-gray shale; an occasional calcified fossil fragment
700	- 715	15	Siltstone, medium to medium dark gray; some dark-gray shale
715	- 722	7	Siltstone, medium to medium dark gray, some dark-gray to brownish-black, silty shale
722	- 735	13	Siltstone and shale, medium-gray to dark-gray; small amount of dark yellowish brown shale
735	- 775	40	Siltstone and shale, medium dark to dark-gray, a large amount of medium dark gray in the lower part
775	- 795	20	Siltstone, medium to medium dark gray; some medium dark gray to grayish-black shale and siltstone
795	- 805	10	No sample
805	- 835	30	Siltstone, medium to medium dark gray; some medium-dark to dark-gray shale, a large amount at the bottom
835	- 875	40	Siltstone, medium to medium dark gray with grayish-black shaly streak and some calcified fossil fragments; some medium-dark to dark-gray shale
875	- 885	10	No sample
885	- 905	20	Siltstone and shale, brownish-gray to brownish-black interbedded with medium dark gray siltstone and shale, some calcified fossil fragments in the lower part
905	- 915	10	Siltstone and shale, dark-gray, some medium to medium dark gray
915	- 955	40	Shale, medium-dark to dark-gray, silty; siltstone, medium to medium dark gray
955	- 975	20	Siltstone, medium dark gray, some dark-gray to brownish-gray and brownish-black; some medium dark to dark-gray shale
975	- 995	20	Siltstone, brownish-gray to brownish-black and grayish-black, argillaceous, interbedded with medium-dark to dark-gray shale and some siltstone
995	- 1015	20	Siltstone, brownish-gray to brownish-black and grayish-black, argillaceous, interbedded with medium-dark to dark-gray shale and siltstone
1015	- 1055	40	Shale, medium dark gray to dark-gray, interbedded with siltstone, medium dark gray with a greenish-gray and olive-gray cast, some calcified fossil fragments; small amount of brownish-gray to brownish-black and grayish-black, silty shale at the top and bottom
1055	- 1075	20	Siltstone and shale, medium dark gray, some medium to medium dark gray, moderate amount of shale, dark-gray to brownish-black and grayish-black, silty
1075	- 1125	50	Siltstone, medium dark to medium-gray with olive-gray cast; a moderate to large amount of medium dark to dark-gray and some grayish-black shale
1125	- 1215	90	Shale, medium dark to dark-gray with moderate to large amount of interbedded medium dark gray siltstone with olive-gray cast and rare calcified fossil fragments
1215	- 1235	20	Siltstone, medium to medium dark gray, slightly dolomite; some medium dark to dark-gray shale
1235	- 1255	20	Siltstone, medium dark gray with olive-gray cast; shale, medium dark to dark-gray (somewhat discolored with heat?)
1255	- 1275	20	Siltstone and shale, medium dark to dark-gray (most of the sample is discolored by excessive heat when drying)

Top.	Bottom.	Thickness.	
1275	- 1342	67	Siltstone, medium dark gray; moderate to large amount of moderate dark gray to grayish-black shale interbedded with siltstone
1342	- 1407	65	Shale, medium dark gray and medium dark to dark-gray; siltstone, medium dark gray with olive-gray cast; mostly shale in the upper part and at the bottom
1407	- 1430	23	Siltstone, medium to medium dark gray; some medium dark to dark-gray shale
1430	- 1485	55	Siltstone, medium dark gray; shale, medium- to dark-gray
1485	- 1510	25	Siltstone, medium dark gray with a very small amount of white calcite; some medium dark to dark-gray shale
1510	- 1610	100	Shale, medium dark gray to dark-gray; some medium dark gray siltstone; a large amount of siltstone from 1530-37' and 1549-62'
1610	- 1655	45	Shale and siltstone, medium dark to dark-gray, a large amount of dark-gray at the top
1655	- 1714	59	Shale, medium dark to dark-gray, some dark-gray in the lower part; some medium dark gray siltstone
1714	- 1755	41	Shale and siltstone, medium dark to dark-gray, some dark-gray to black; some medium dark gray siltstone with olive-gray cast
1755	- 1782	27	Shale, dark-gray, some dark-gray to grayish-black; some medium to medium dark gray siltstone in the upper part
1782	- 1790	8	Siltstone, brownish-black to grayish-black, very shaly; a large amount of medium dark to dark-gray shale
1790	- 1806	16	Shale, dark-gray and medium dark to dark-gray; a moderate amount of brownish-black to grayish-black siltstone
1806	- 1827	21	Shale, medium dark gray, some dark-gray; some medium dark gray to light-gray siltstone
1827	- 1860	33	Shale, dark-gray; shale and some siltstone, medium dark to dark-gray; some dark-gray to grayish-black shale at the bottom
1860	- 1890	30	Shale, medium dark to dark-gray, small amount of dark-gray to grayish-black; some medium dark gray to olive-gray siltstone
1890	- 1930	40	Shale, medium dark to dark-gray, small amount of grayish-black to dark-gray; siltstone, medium dark gray with green and olive casts
1930	- 1966	36	Shale, medium dark to dark-gray, interbedded with some olive-gray to medium dark gray and dark-gray siltstone
1966	- 1992	26	Siltstone, medium dark to dark-gray, some medium to medium dark gray, interbedded with some medium dark to dark-gray shale
1992	- 2047	55	Siltstone and shale, medium dark to dark-gray
2047	- 2065	18	Siltstone, medium dark to dark-gray; some medium dark to dark-gray shale
2065	- 2249	184	Siltstone to shale, medium dark to dark-gray
2249	- 2265	16	Siltstone, medium dark to dark-gray; some medium dark to dark-gray shale
2265	- 2272	7	Siltstone, dark-gray, shaly
2272	- 2284	12	Siltstone, medium dark gray; some medium dark to dark-gray; a large amount of medium dark to dark-gray shale in the lower part
2284	- 2305	21	Shale and siltstone, medium dark to dark-gray, mostly medium dark-gray siltstone in the lower part
2305	- 2315	10	Siltstone and shale, medium dark to dark-gray with grayish-black (carbonaceous) streaks, rare calcified fossiliferous fragments
2315	- 2374	59	Shale, interbedded with siltstone, medium dark to dark-gray
2374	- 2423	49	Siltstone, medium dark gray, moderate amount of dark-gray, shaly; a moderate amount of medium dark gray to dark-gray shale in the upper and lower part

Top.	Bottom.	Thickness.	
2423	- 2464	41	Shale and siltstone, medium-dark to dark-gray, mostly shale from 2440 to 2450'
2464	- 2499	35	Shale and some siltstone, medium dark to dark-gray, a large amount of siltstone in the upper part
2499	- 2506	7	Siltstone (coarse) to sandstone (very fine grained), light- to medium-gray, moderately dolomitic
2506	- 2516	10	Shale, dark-gray, very silty
2516	- 2531	15	Siltstone, (coarse), medium-gray, some medium to medium dark gray, slightly dolomitic
2531	- 2564	33	Shale and siltstone, medium-dark to dark-gray, some dark-gray in the upper part
2564	- 2601	37	Siltstone, medium to medium dark gray, medium-gray and coarse in the lower part; a moderate amount of medium dark to dark-gray shale
2601	- 2615	14	Shale, dark-gray, silty
2615	- 2666	51	Siltstone, medium to medium dark gray, some dark-gray in the upper part, small amount is dolomite; some shale, dark-gray and medium-dark to dark-gray
2666	- 2685	19	Shale to siltstone, medium dark to dark-gray
2685	- 2703	18	Siltstone, medium dark gray; some medium dark gray to dark-gray shale
2703	- 2744	41	Siltstone, medium to medium dark gray; some medium dark to dark-gray shale; a large amount of medium-dark to dark-gray and some grayish-black shale in the lower part
2744	- 2765	21	Siltstone and some shale, medium-dark to dark-gray
2765	- 2776	11	Siltstone, medium dark to medium-gray, small amount is dolomite, interbedded with a large amount of medium-dark to dark-gray shale; some dark-gray to grayish-black shale; some dark-gray to grayish-black shale in the lower part
2776	- 2784	8	Shale, dark-gray, some medium-dark to dark-gray; some medium-dark-gray to olive-gray, highly dolomitic siltstone
2784	- 2820	36	Shale, medium-dark to dark-gray, some dark-gray; a large amount of medium dark gray siltstone in the lower part CHENESE (HARBELL?).....FEET
2820	- 2873	53	Shale, grayish-black and dark-gray to grayish-black, interbedded with medium dark to dark-gray shale, mostly dark-gray to grayish-black in the lower part
2873	- 2941	68	Shale, grayish-black, a large amount of dark-gray to grayish-black in the upper part, contains very small amount of calcite
2941	- 2982	41	Shale, dark-gray to grayish-black with a very small amount of calcite
2982	- 2997	15	Shale, grayish-black, some grayish-black to black (carbonaceous)
2997	- 3141	144	Shale, dark-gray to grayish-black, some medium-dark to dark-gray
3141	- 3191	50	Shale, dark-gray, interbedded with medium-dark to dark-gray, contains a very small amount of calcified fossil fragments
3191	- 3301	110	Shale, dark-gray and dark-gray to grayish-black; some medium-dark to dark-gray
3301	- 3335	34	Shale, grayish-black, some dark-gray to grayish-black, silty; some medium-dark to dark-gray siltstone and shale in the lower part
3335	- 3353	18	Shale, dark-gray, a moderate amount of medium-dark to dark-gray, some grayish-black at the top and bottom
3353	- 3844	491	Shale, dark-gray to greenish-black with small amount of medium-dark to dark-gray and brownish-gray siltstone in the upper part, mostly grayish-black in the lower part
3844	- 3928	84	Shale, dark-gray to grayish-black, mostly grayish-black in the lower part
3928	- 3956	28	Shale, grayish-black

Top.	Bottom.	Thickness.	
3956	- 3981	25	Shale, dark-gray to grayish-black
3981	- 4003	22	Shale, dark-gray, some dark-gray to grayish-black; trace of calcite
4003	- 4035	32	Shale, dark-gray to grayish-black
4035	- 4061	26	Shale, dark-gray, some grayish-black, a large amount of medium-dark to dark-gray; some medium dark gray siltstone in the lower part
4061	- 4087	26	Shale and some siltstone, medium dark to dark-gray; some interbedded dark-gray to grayish-black shale
4087	- 4098	11	Shale, dark-gray, some medium-dark to dark-gray (shale and siltstone), some dark-gray to grayish-black
4098	- 4167	69	Shale, dark-gray, some interbedded dark-gray to grayish-black; some medium dark gray, somewhat dolomitic siltstone; small amount of calcite (fossil fragments?)
4167	- 4188	21	Shale, dark-gray to grayish-black, must be silty and dolomitic in part with small amount of dolomite; a large amount of dark-gray and some medium-dark to dark-gray (silty) shale
4188	- 4203	15	Shale, grayish-black, interbedded with dark-gray to medium dark gray shale and some siltstone
4203	- 4267	64	Shale, grayish-black; some olive-gray to dark-gray shale and siltstone, most of the samples contain a small amount of calcite
4267	- 4355	88	Shale, dark-gray to grayish-black, interbedded with medium-dark to dark-gray shale to fine siltstone, some of the samples contain a small amount of calcite
4355	- 4390	35	Shale, to fine siltstone, medium-dark to dark-gray; some dark-gray to grayish-black shale
4390	- 4407	17	Shale, dark-gray to grayish-black, silty, dolomitic in part; some medium to medium dark gray, dolomitic siltstone
4407	- 4450	43	Shale, medium dark to dark-gray with some siltstone, moderate dark gray; some dark-gray to grayish-black shale
4450	- 4490	40	Shale, dark-gray to grayish-black; a moderate to large amount of medium-dark to dark-gray shale
4490	- 4528	38	Shale, medium dark gray to dark-gray with some grayish-black; a moderate amount of grayish-black shale at the top; a very small amount of calcite
4528	- 4556	28	Shale, dark-gray
4556	- 4630	74	Shale, dark-gray to grayish-black, a moderate amount of grayish-black at the bottom, very silty
4630	- 4643	13	Shale, medium to dark-gray, some dark-gray to grayish-black in the lower part
4643	- 4673	30	Shale, dark-gray; very small amount of white vein calcite in the middle and lower part
4673	- 4711	38	Shale, medium-dark to dark-gray, some dark-gray to grayish-black from 4692-4700'; small amount of white to clear calcite at the top
4711	- 4747	36	Shale, dark-gray, some dark-gray to grayish-black; a very small amount of white vein calcite at the top and at 4735-39'
4747	- 4860	113	Shale, grayish-black to black, calcareous with small amount of vein calcite, slightly pyritic, carbonaceous
4860	- 4930	70	Shale, grayish-black to black, carbonaceous, somewhat pyritic calcite at the bottom; a large amount of grayish-black shale at the bottom
4930	- 4941	11	Shale, black, highly carbonaceous, somewhat pyritic, calcareous in part, coaly and many of the pieces show slickensides

Top. Bottom. Thickness.

TULLY LIMESTONE, ⁴⁷/~~30~~ FEET

- 4941 - 4953 12 Limestone, olive-gray to brownish-black, argillaceous, somewhat fossiliferous; very fine to extremely fine crystalline; a large amount of black slickensided shale; small amount of pyrite.
- 4953 - 4971 18 Shale, grayish-black to black, carbonaceous; calcareous in part; many of the shale pieces are slickensided; some limestone as above
- 4971 - 4988 17 Limestone, olive-gray to brownish-black, argillaceous, pyritic in part, very fine to extremely fine crystalline; a moderate amount of grayish-black to black carbonaceous shale, calcareous in part

HAMILTON AND MARCELLUS SHALES, ^{3.46}/~~...~~ FEET

- 4988 ¹²⁵/~~1993~~ 125 Shale, brownish-black to grayish-black, highly calcareous, pyritic in part, *some grayish-black, non-calcareous, chole at the bottom*

TUCKER COUNTY COURT NO. 1 WELL (Continued).

Balance of record from Flowers Aug. 26, 1954.

Top.	Bottom.	Thickness.	
5000	- 5017	17	Shale, dark-gray to grayish-black, somewhat pyritic, very small amount of calcite
5017	- 5206	189	Shale, grayish-black, moderately carbonaceous, small amount is calcareous.
5206	- 5265	59	Shale, grayish-black to black, carbonaceous, some of the cuttings have slickensides
5265	- 5290	25	Shale, grayish-black to black, calcareous in the lower part, carbonaceous, somewhat pyritic
5290	- 5303	13	Shale, dark-gray, calcareous at the top to highly calcareous in the lower part
5303	- 5334	31	Shale, grayish-black to black, highly carbonaceous, calcareous, pyritic
ONONDAGA AND HUNTERSVILLE CHEERT, 218 FEET			
5334	- 5344	10	Metabentonite, brownish-gray to dark yellowish brown, pyritic; shale, grayish-black to black, highly calcareous, pyritic
5344	- 5359	15	Shale, grayish-black, highly calcareous, with some impure limestone; a large amount of metabentonite at the top and some in the middle and lower part, somewhat pyritic
5359	- 5371	12	Shale, grayish-black, highly calcareous, somewhat pyritic
5371	- 5375	4	Chert, light- to dark-gray (shaly) and some dark-gray, silicified siltstone, calcareous, somewhat dolomitic; shale, dark-gray to grayish-black, moderately pyritic, glauconitic in part, calcareous
5375	- 5385	10	Chert, mottled light- to medium-gray, (translucent) and dark-gray to grayish-black (argillaceous), calcareous, dolomitic in the lower part, spicular
5385	- 5396	11	Chert, mottled light- to medium-gray (transparent to translucent), with some dark-gray (argillaceous) and moderate to large amount of dark-gray to grayish-black (argillaceous) from 5390 to 5393', somewhat calcareous, dolomitic at the top
5396	- 5405	9	Chert, very light to medium-gray (transparent) with small amount of dark-gray to grayish-black (argillaceous), somewhat calcareous in the upper part, slightly dolomitic, spicular
5405	- 5415	10	Chert, mottled translucent to milky to white and dark-gray to grayish-black (argillaceous), slightly dolomitic, highly spicular
5415	- 5430	15	Chert, transparent to milky, mottled with some dark-gray to grayish-black (argillaceous), very slightly dolomitic, highly spicular
5430	- 5435	5	Chert, transparent to milky, mottled with dark-gray to grayish-black (argillaceous), highly spicular, very slightly dolomitic
5435	- 5455	20	Chert, medium (translucent) to medium dark gray and dark-gray to grayish-black (argillaceous to shaly), small amount is dolomitic
5455	- 5480	25	Chert, medium dark to dark-gray (argillaceous) to grayish-black, silicified shale
5480	- 5500	20	Chert (highly argillaceous) to shale (silicified), grayish-black with some light- to dark-gray in the upper part
5500	- 5520	20	Shale, grayish-black, highly silicified, small amount is pyritic
5520	- 5544	24	Shale, grayish-black, large amount of dark-gray in the lower part, silicified in part, pyritic (very finely disseminated)
5544	- 5552	8	Shale, dark-gray to grayish-black, calcareous: trace of light-gray transparent chert

(OVER)

TUCKER COUNTY COURT NO. 1 WELL (Continued).

Top.	Bottom.	Thickness.	CRISKANY SANDSTONE, 78+ FEET
5552	- 5570	18	Sandstone, light- to medium-gray, very fine grained, some fine to medium (rounded) grains, very highly calcareous, small amount of interstitial (argillaceous) material, silty
5570	- 5575	5	Sandstone, light-gray, very fine to fine-grained, some fine- to medium-grained, large grains rounded, some dark shaly material, somewhat silty, calcareous
5575	- 5580	5	Sandstone (very fine grained) to siltstone, (coarse), medium-gray, some fine to medium (rounded) grains, highly calcareous, argillaceous
5580	- 5585	5	Sandstone, light- to medium-gray, very fine to fine-grained, with coarse silt and some medium (rounded) sand grains, highly calcareous, contains some dark (shaly) material
5585	- 5590	5	Sandstone, medium- to dark-gray, very fine grained, very silty (coarse), some fine to medium (rounded) grains, highly calcareous, argillaceous
5590	- 5595	5	Sandstone, medium light gray, very fine to fine-grained, some medium grains, very silty, highly calcareous, somewhat argillaceous; trace of chert
5595	- 5605	10	Sandstone, light- to medium-gray, very fine grained, some fine grains in the upper part, very silty in the lower part, highly calcareous; trace of chert
5605	- 5625	20	Sandstone (very fine grained) to siltstone (coarse); light- to medium-gray, some fine to medium (rounded) grains at the top, highly calcareous; trace of chert; small amount of dark (shaly) material
5625	- 5630	5	Sandstone, medium-gray, very fine to fine-grained, a few medium grains, silty, some argillaceous (dark) interstitial material, very highly calcareous