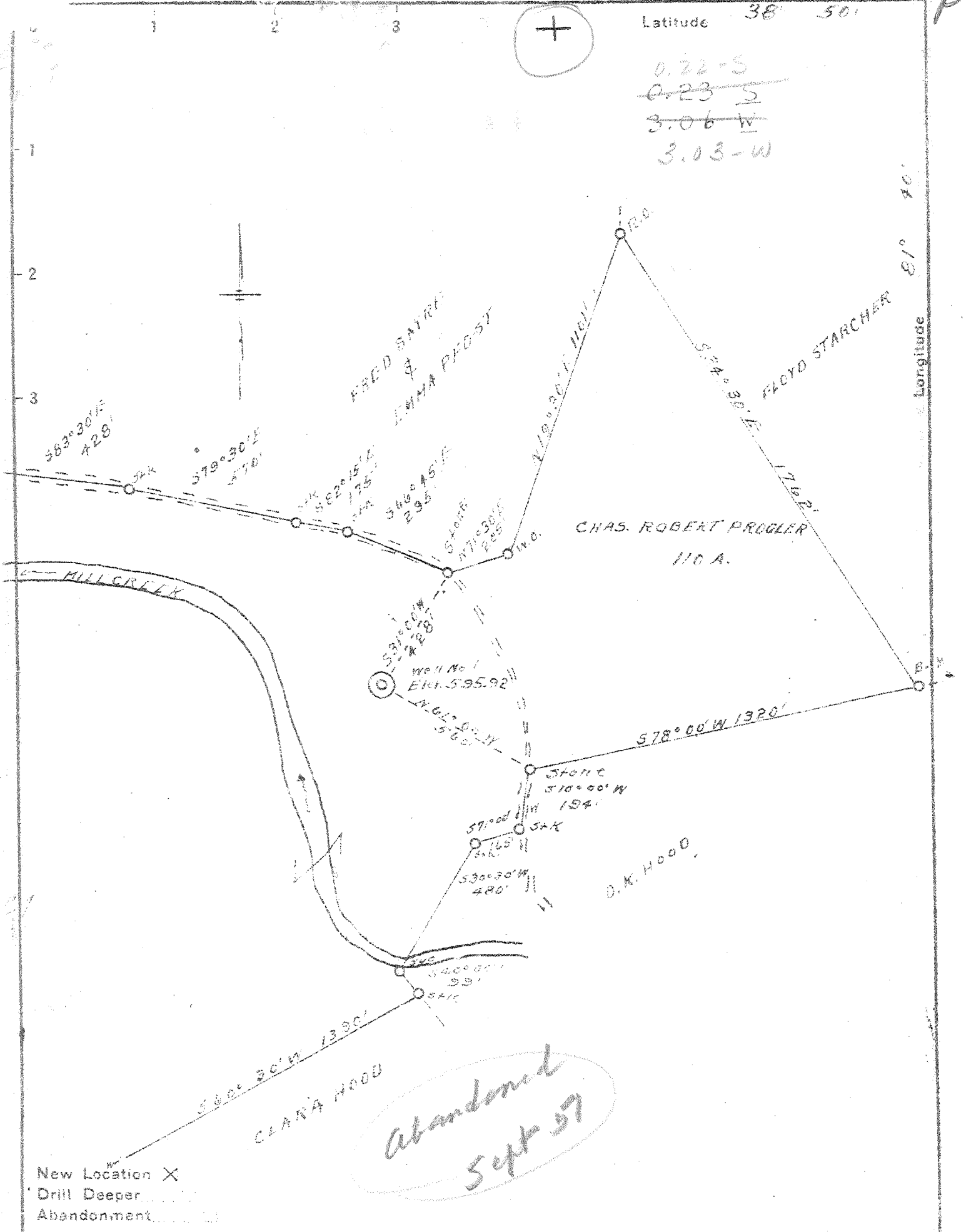


P

Latitude 38° 50'

0.22-S  
~~0.23 S~~  
~~3.06 W~~  
3.03-W



New Location X  
 Drill Deeper  
 Abandonment

*Abandoned  
 Sept 57*

Company EVERETT STARCHER ET AL.  
 Address SPENCER, W.VA.  
 Farm CHAS. ROBERT PROGLER  
 Tract \_\_\_\_\_ Acres 110 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 595.92  
 Quadrangle RIPLEY - SW.  
 County JACKSON District RIPLEY  
 Engineer L. J. Dye  
 Engineer's Registration No. 804  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 4-19-46 Scale 1" = 400'

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

WELL LOCATION MAP  
 FILE NO. JAC-522

✦ 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.

*Deep Well*

WEST VIRGINIA DEPARTMENT OF MINES  
OIL & GAS DIVISION  
W E L L R E C O R D

Permit No. Jac 522  
Ripley Quad.  
Company  
Address  
Farm  
Location  
Well No.  
District  
Surfside  
Mineral  
Commenced  
Completed  
Not shot  
Fresh Water

Dry Hole  
CASING & TUBING

Everett Starcher et al			
Spencer, W.Va.	16	40	40 Pld.
Charles Robert Progler A 110	13	109	109 "
Mill Creek	10 $\frac{1}{2}$	450	450 "
1 Elev. 595.92	8 5/8	1010	1010 "
Ripley Jackson County	7 00	1930	1930 "
Chas. Robert Progler, Ripley, W.Va.	5 $\frac{1}{2}$	4629	4629
Same			
May 1946			
Oct. 26, 1946			

65' 1/2 blr. 113 H.F., 540' 2 blrs.  
1190' 2 blrs., 1525 H.F.

*Salt?*

Red Clay	0	18	Lime	4738	4747
Quick Sand	18	21	Sand	4747	4760
Blue Slate	21	60	Lime	4760	4800
Sand	60	70	Total Depth		4800
Slate	70	80			
Sand	80	146			
Red Rock	146	156			
Slate	156	176			
Slate & Red Rock	176	280			
Sand	280	300			
Red Rock	300	316			
Slate	316	325			
Red Rock	325	335			
Slate	335	350			
Slate & Red Rock	350	375			
Sand	375	415			
Slate	415	495			
Sand - 1 $\frac{1}{2}$ P.H.S. Sand?	495	553			
Slate	553	580			
Red Rock	580	625			
Sand	625	638			
Red Rock	638	678			
White Slate	678	735			
Red Rock	735	755			
Sand	755	770			
Slate	770	1100			
Sand	1100	1120			
Slate	1120	1140			
Sand	1140	1160			
Lime	1160	1182			
<del>Salt Sand</del>	1182	1233			
Slate & Shells	1233	1270			
Sand	1270	1290			
Slate & Shells	1290	1450			
Lime	1450	1500			
<del>Marxon Sand - 4<math>\frac{1}{2}</math> Salt</del>	1500	1641			
<del>Big Lime</del>	1641	1757			
<del>Keener Sand</del> } 340	1757	1763			
Slate	1763	1764			
<del>Injun Sand</del>	1764	1796			
Slate	1796	1798			
<del>Weir Sand - Squaw</del>	1798	1812			
Slate	1812	1814			
<del>Sand - Weir</del>	1814	1920			
Lime	1920	2041			
Slate	2041	2222			
<del>Coffee Shale</del>	2222	2237			
<del>Berea Grit</del>	2237	2253			
Lime	2253	2260			
Slate & Shells	2260	3440			
Brown Lime	3440	3520			
Gray Lime	3520	3680			
Brown Shale - 4A1	3680	3972			
Slate	3972	4350			
Brown Shale	4410	4603			
<del>Corniferous - 463</del>	4603	4708			
<del>Oriskany</del>	4708	4738			

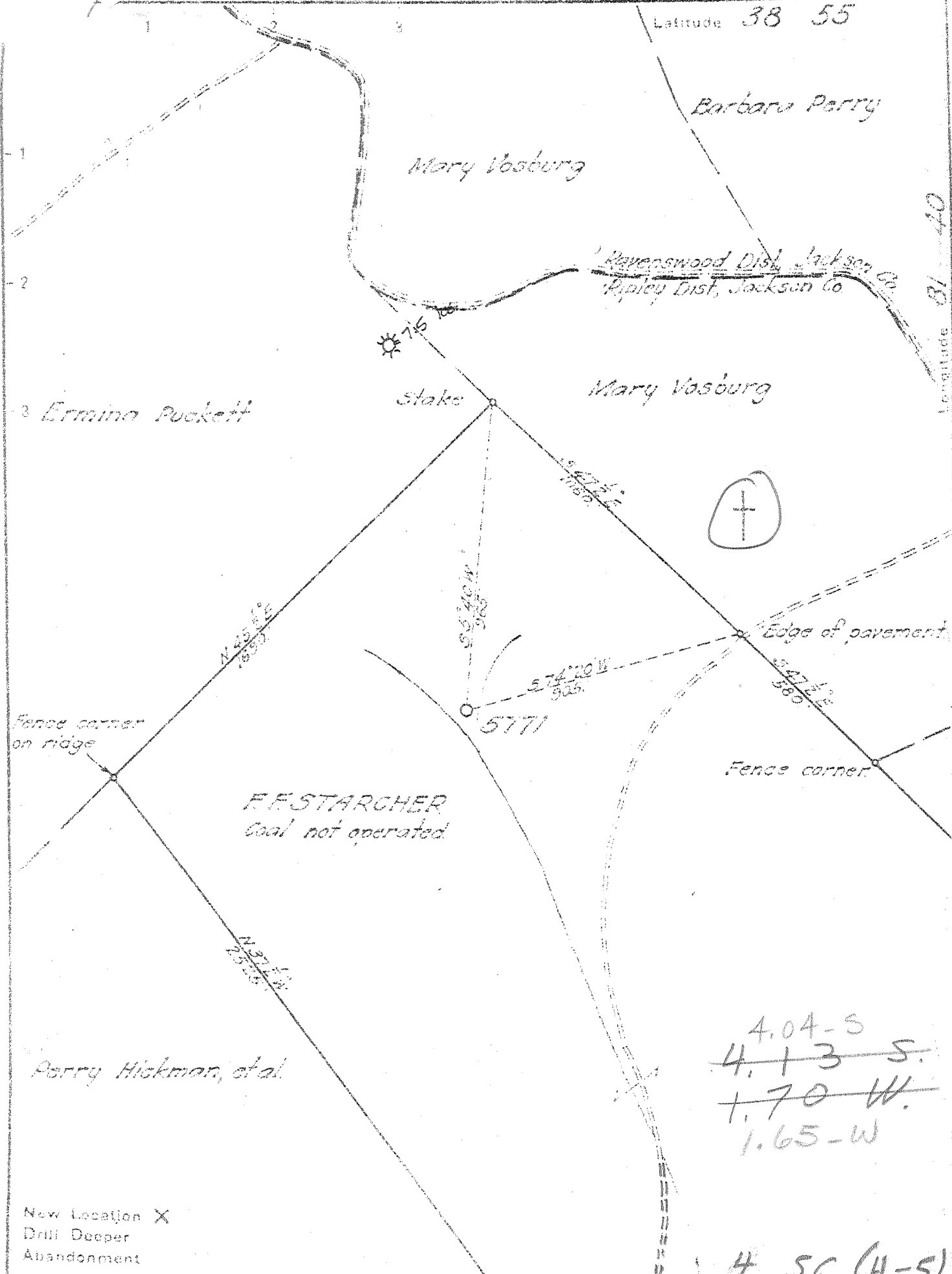
485

--corrected

38 52 30

Latitude 38 55

Longitude 81 40



4.04-S  
~~4.13 S.~~  
~~1.70 W.~~  
 1.65-W

4 SC (H-S)

New Location X  
 Drill Deeper  
 Abandonment

Company UNITED FUEL GAS CO.  
 Address CHARLESTON W. VA.  
 Farm F.F. STARCHER  
 Tract. \_\_\_\_\_ Acres 237 Lease No. 41777  
 Well (Farm) No. \_\_\_\_\_ Serial No. 5771  
 Elevation (Spirit Level) 733.64 T.M. Gr.  
 Quadrangle RIPLEY-WC  
 County JACKSON District RIPLEY  
 Engineer G.H. Wood  
 Engineer's Registration No. 662  
 File No. 53-93 Drawing No. \_\_\_\_\_  
 Date MAY 1, 1946 Scale 1" = 400'

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

WELL LOCATION MAP  
 FILE NO. JAC 523

+ 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 acre squares or larger tract of original township.

6-0-142 Deep Well

WEST VIRGINIA DEPARTMENT OF MINES  
OIL & GAS DIVISION  
W E L L R E C O R D

Permit No. Jac 523		Gas Well	
Ripley Quad.		CASING & TUBING	
Company	United Fuel Gas Company		
Address	P.O. Box 1273, Charleston 25, W.Va.	10 $\frac{3}{4}$	1113
Farm	F.F. Starcher Acres 237	8 5/8	2106
Location	Sycamore Cr. of Mill Cr.	7	4832
Well No.	5771 Elev. 735.84 Gr. Trio	2 tubing	4955
District	Ripley Jackson County		
Surface			
Mineral	F.F. Starcher, 809-5th Ave. Huntington, W.Va.		
Commenced	6-18-46		
Completed	9-16-46		
Not shot			
Rock Pressure	1260 lbs. 48 hrs.		
Fresh Water	330, 1287		
Salt Water	1700, 2045		

Soil	0	8	Brown Shale	4550	4821
Red Rock	8	40	<del>Corniferous Lime-463</del>	4821	4920
Blue Slate	40	60	<del>Criskany Sand</del>	4920	4955
Red Rock	60	85	TOTAL DEPTH		4955
White Slate	85	110			
Lime	110	122	Gas 4925-4955		
Red Rock	122	135			
Lime	135	145			
Red Rock	145	175			
Blue Slate	175	207			
Red Rock	207	280			
Sand	280	343			
Blue Slate	343	358			
Red Rock	358	395			
Slate & Shells	395	438			
Red Rock	438	463			
Slate & Shells	463	500			
Red Rock	500	520			
Slate & Shells	520	560			
Sand	560	605			
Slate & Shells	605	682			
Sand	682	735			
Lime	735	745			
Red Rock	745	790			
Sand	790	827			
Red Rock	827	873			
Slate & Shells	873	954			
Red Rock	954	966			
Slate & Shells	966	1272			
Sand	1272	1298			
Slate	1298	1350			
Sand	1350	1396			
Slate	1396	1404			
Gritty Lime	1404	1420			
Sand	1420	1445			
Slate & Shells	1445	1559			
Sand	1559	1575			
Slate	1575	1670			
<del>Salt Sand</del>	1670	1770			
Slate	1770	1778			
<del>Little Lime</del>	1778	1800			
<del>Slate - P. Case</del>	1800	1808			
<del>Big Lime</del>	1808	1943			
<del>Sand - Big Lime</del>	1943	1995			
<del>Slate &amp; Shells</del>	1995	2040			
Sand-2	2040	2050			
slate & Shells	2050	2412			
<del>Brown Shale - Coffee Sh.</del>	2412	2422			
<del>Herea Sand</del>	2422	2430			
Slate & Shells	2430	3495	Gas 3120'		
White Slate	3495	3640			
Brown Shale-44	3640	3825			
White Slate	3825	3900			
Brown Shale	3900	4160			
White Slate	4160	4550			

(475)

4821	4920
736	736
4085	4184

WV-35110  
Office of Oil & Gas  
Permitting

OCT 18 1999

WV Division of  
Environmental Protection  
Farm name:

25-May-99  
API # 47- 35-00523 F

State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas  
Well Operator's Report of Well Work

Reviewed \_\_\_\_\_  
\_\_\_\_\_

Operator Well No.: RIPLEY 7287

LOCATION: Elevation: 739.00      Quadrangle: RIPLEY

District: RAVENSWOOD      County: JACKSON  
Latitude: 5600 Feet South of 38 Deg. 52Min. 30 Sec.  
Longitude 8950 Feet West of 81 Deg. 40 Min. 0 Sec.

Company: COLUMBIA GAS TRANSMISSION  
P. O. BOX 1273  
CHARLESTON, WV 25325-1273

Agent: RICHARD L. COTY

Inspector: HOMER DOUGHERTY  
Permit Issued: 05/27/99  
Well work Commenced: 07/21/99  
Well work Completed: 09/03/99  
Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary Cable  Rig  
Total Depth (feet) 4955'  
Fresh water depths (ft) Not Reported

Salt water depths (ft) 1287', 1700'  
2045'  
Is coal being mined in area (Y/N)? No  
Coal Depths (ft): Not Reported

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
10-3/4", 32 lb.		823'	
8-5/8", 28 lb.		2106'	
7", 22 lb.		4832'	40 sx
4-1/2", 12.6 lb.		4900'	500 sx

OPEN FLOW DATA \* Storage well - rates and pressures vary.

Producing formation Oriskany Pay zone depth (ft) 4920' - 4955'  
Gas: Initial open flow N/A MCF/d Oil: Initial open flow N/A Bbl/d  
Final open flow N/A MCF/d Final open flow N/A Bbl/d  
Time of open flow between initial and final tests N/A Hours  
Static rock Pressure N/A psig (surface pressure) after N/A Hours

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: COLUMBIA GAS TRANSMISSION CORP.  
By: [Signature] Paul C. Amick/Sr. Stor. Eng.  
Date: October 11, 1999

OCT 25 1999

JAC 0523 F

Cleaned out to TD with coiled tubing, replaced top joint of 4-1/2" casing and installed new API 7" x 4-1/2" 5M wellhead, and pumped an N2-Assist Deltafrac Treatment using 500 gallons of 28% HCL, 437 bbls of water, 147 MSCF N2, and 26,700 lbs of 20/20 sand.