

Fracture
 Redrill
 New Location
 Drill Deeper
 Abandonment 2/7/79

USGS UE - chiseled square SE cor. concrete
 Source of Elevation bridge on W.Va. State Route over Bee Run E1-1549
 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.
 Minimum accuracy, one part in 200'

Company Ray Resources
 Address Charleston, W.V.
 Farm William C. Simons
 Tract _____ Acres 20 Lease No. _____
 Well (Farm) No. 504 Serial No. _____
 Elevation (Spirit Level) 1769 EC
 Quadrangle Masontown 7 1/2 - Morgantown 15'
 County Preston District Valley
 Surveyor or Engineer Raymond K. Stiles
 Surveyor's or Engineer's Registration No. 25U
 File No. _____ Drawing No. _____
 Date 22 January 1979 Scale 1" = 500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. Pres-175-P
 + 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. FEB 20 1979
 - Denotes one inch spaces on border line of original tracing.
47-077
Deep Well

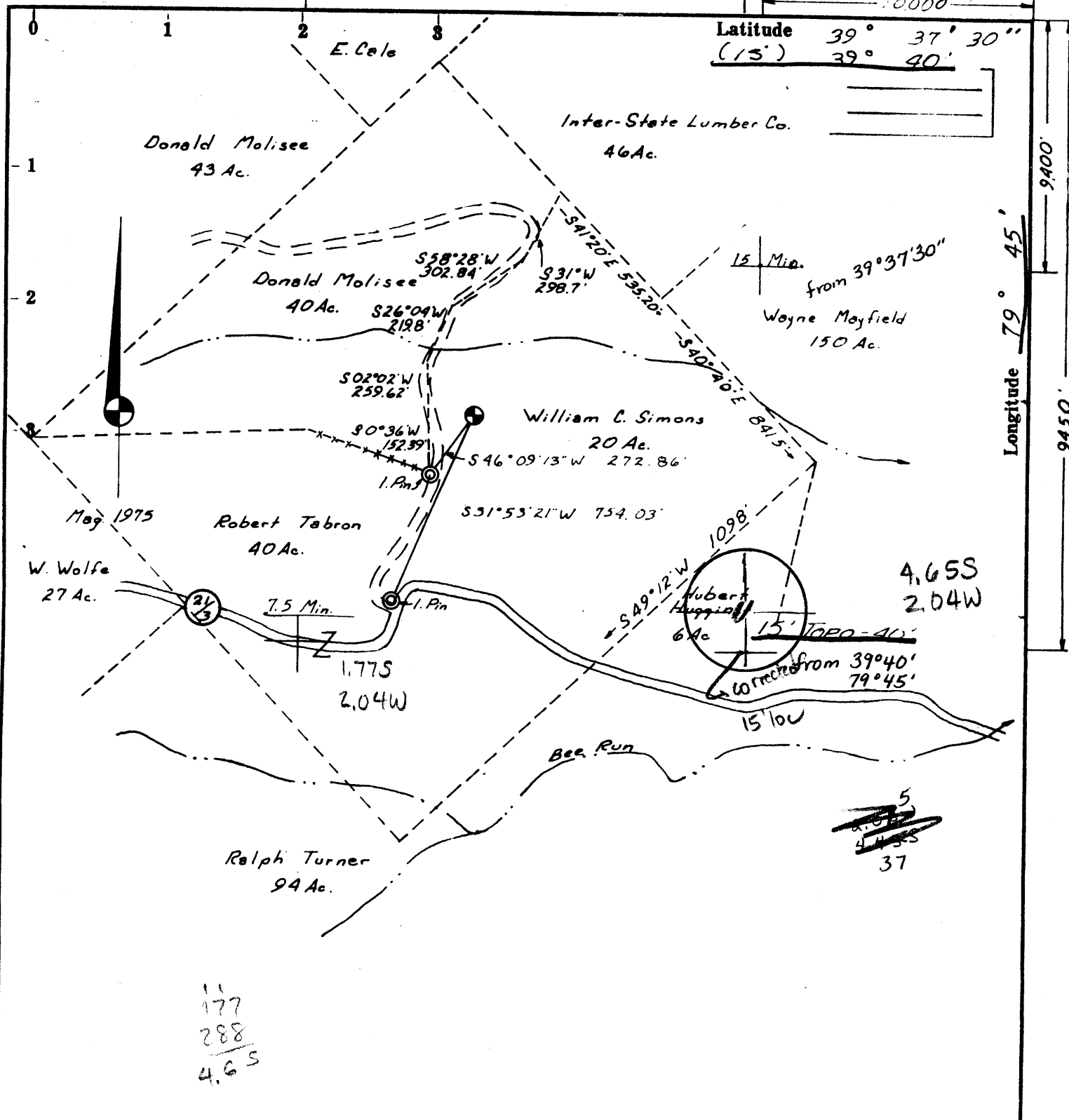
Latitude $39^{\circ} 37' 30''$
 (13') $39^{\circ} 40'$

Longitude $79^{\circ} 45'$

10000'

9400'

9450'



11
177
288
465

~~5~~
4.655
37

PRES-174
RRC

- Fracture....
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County Preston District Valley

Surveyor or Engineer Donnell Stiles

Surveyor's or Engineer's Registration No. 25U

File No. _____ Drawing No. _____

Date 22, January 1975 Scale 1" = 500'

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

WELL LOCATION MAP

FILE NO. Pres-175

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.

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47-077

5-5 S. Burns Chapel (313) Huntersville Deep Well (Conisk) FEB 26 1975



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Morgantown
Permit No. PRES - 175

Rotary XX Oil _____
Cable _____ Gas XX
Recycling _____ Come _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Company RAY RESOURCES, DIVISION OF FLYING DIAMOND OIL CORPORATION
Address 630 Commerce Sq., Chas., WV 25301
Farm William Simon Acres 20
Location (waters) Bee Run
Well No. 504 Elev. 1769'
District Valley County Preston
The surface of tract is owned in fee by William C. Simon
Address Steubenville, Ohio
Mineral rights are owned by SAME
Address SAME
Drilling Commenced 3-3-75
Drilling Completed 3-22-75
Initial open flow Show cu. ft. _____ bbls.
Final production 800M cu. ft. per day _____ bbls.
Well open _____ hrs. before test 3540 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"	62'	62'	To Surf
9 5/8	1206'	1206'	To Surf
8 5/8			
7			
5 1/2			
4 1/2	7874'	7874'	300 Sks.
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Fraced with 1350 bbls. gel water, 8400 gal acid; Breakdown 2500# psi
Average treating pressure 5000 # psi; Average inject rate 29 bbls per min.

Coal was encountered at 144-149, 285-290 Feet _____ Inches
Fresh water 40' Feet _____ Salt Water _____ Feet _____
Producing Sand Huntersville Chert Depth 7766' - 7816'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay			0	10		
Sand & Rock			10	144		
Coal			144	149		
Sand & Shale			149	285		
Coal			285	290		
Sand & Shale			290	452		
Shale & Red Rock			452	690		
Sand			690	1670		
Shale & Red Rock			1670	2000		
Sand & Shale			2000	2830		
Shale			2830	3050		
Sand			3050	3225		
Sand & Shale			3225	4500		
Shale			4500	7280		
Tully Lime			7280	7350		
Shale			7350	7740		
Onondaga			7740	7760		
<u>Huntersville Chert</u>			7760	7904		T.D.

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

FEB 13 1975

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE February 12, 1975
 Surface Owner William C. Simon Company RAY RESOURCES
 Address Steubenville, Ohio Address 630 Commerce Square
 Mineral Owner William C. Simon Farm William Simon Acres 20
 Address Steubenville, Ohio Location (waters) Bee Run
 Coal Owner Unknown Well No. 504 Elevation 1769'
 Address _____ District Valley County Preston
 Coal Operator None Quadrangle Morgantown
 Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for Drilling. This permit shall expire if operations have not commenced by 6-13-75

[Signature]
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Paul Barrett
Clarksburg PH: 622-3871
W. Va.

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated August 4, 1970 by William C. Simon, et ux made to Consolidated Gas Supply Corp. and recorded on the 4th day of Sept. 1970, in Preston County, Book 415 Page 509

XX NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505
AC 304-296-4461

Very truly yours, RAY RESOURCES
 (Sign Name) [Signature] Well Operator
 Address 630 Commerce Square Street
 of _____
 Well Operator Charleston City or Town
West Virginia 25301 State

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

Pres-175 PERMIT NUMBER
47-077

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO xx DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME RAY RESOURCES NAME R. D. Hanley, Jr.
 ADDRESS 630 Commerce Square ADDRESS 630 Commerce Square
 ADDRESS Charleston, W. Va. 25301 ADDRESS Charleston, W. Va. 25301
 TELEPHONE 344-8393 TELEPHONE 344-8393
 ESTIMATED DEPTH OF COMPLETED WELL: 7990' ROTARY xx CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Huntersville Chert
 TYPE OF WELL: OIL _____ GAS xx COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10	60 Ft.	60 Ft.	To Surface
9 - 5/8	1,200 Ft.	1,200 Ft.	To Surface
8 - 5/8			
7			
5 ½			
4 ½	7,990 Ft.	7,990 Ft.	250 Sks.
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 150 FEET _____ SALT WATER _____ FEET _____

APPROXIMATE COAL DEPTHS _____ , _____

IS COAL BEING MINED IN THE AREA? No BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title