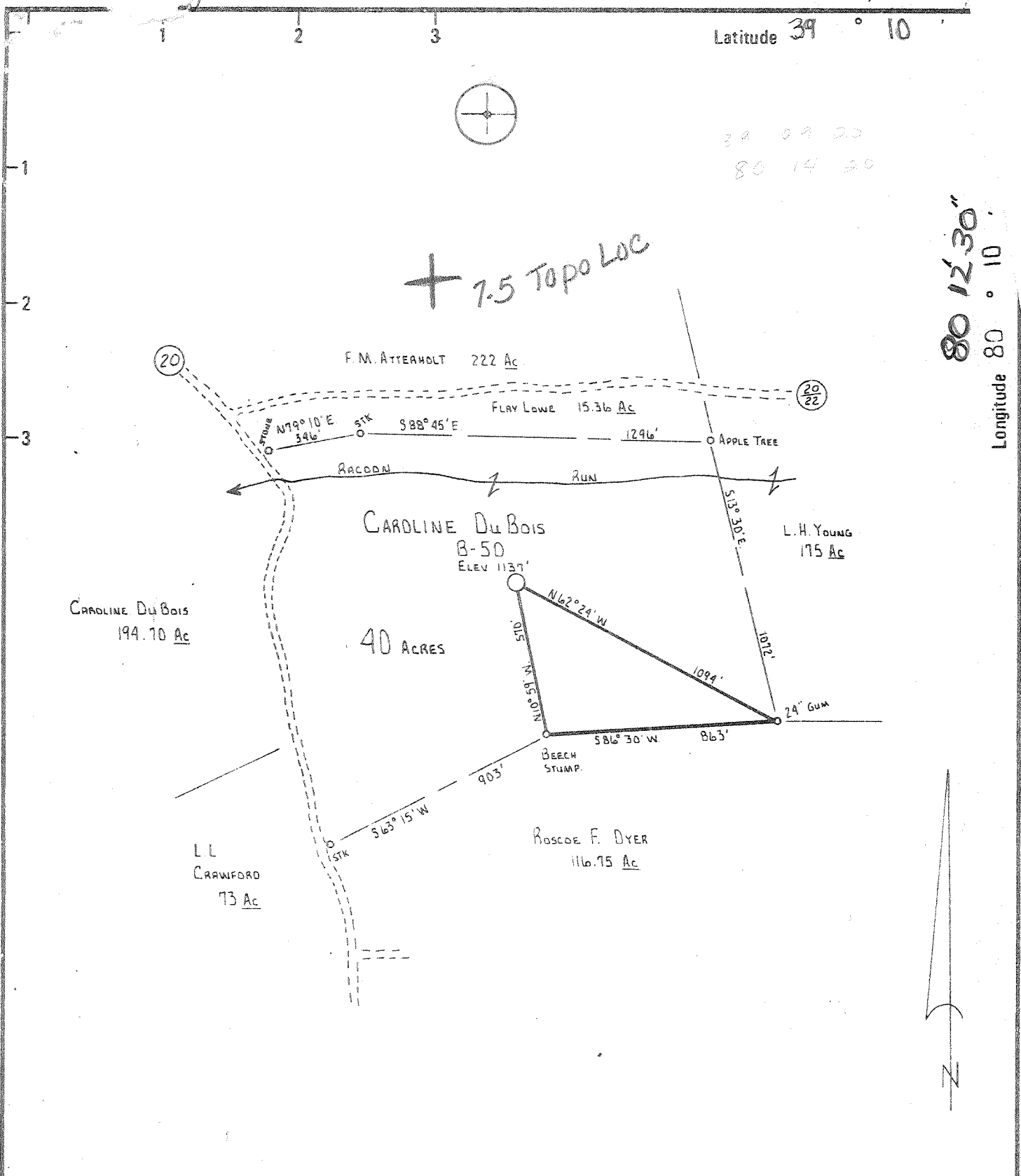


39 09 20  
80 14 30

Longitude 80 ° 10 12'30"

+ 7.5 TOPO LOC



Partial Plug 1/17/77

- New Location
- Drill Deeper
- Abandonment

Minimum Error of Closure: ONE PART IN 200  
Source of Elevation: U.E. JCT. RT. 20 & 29/22 ELEV. 1026'

"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 J&J Enterprises  
OLD BERRY ENERGY CONSULTANTS & MANAGERS, INC.  
 Address PROFESSIONAL BUILDING, SUITE 309  
CLARKSBURG WEST VIRGINIA 26301

Farm CAROLINE Du Bois

Tract \_\_\_\_\_ Acres 40 Lease No. 77637

Well (Farm) No. 1 Serial No. B-50

Elevation (Spirit Level) 1137'

Quadrangle PHILIPPI Brownton 7.5

County HARRISON District ELK

Engineer Samuel L. Wheeler

Engineer's Registration No. 530 LLS

File No. B-731 Drawing No. \_\_\_\_\_

Date 10-11-76 Scale 1" = 500'

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

WELL LOCATION MAP  
FILE NO. HAR-1000-PP

+ 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.

47-033



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
Oil and Gas Division

RECEIVED

AUG 17 1977

OIL & GAS DIVISION  
DEPT. OF MINES

WELL RECORD

Quadrangle Philippi  
Permit No. HAR 1000

Rotary X Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas (X)  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind) \_\_\_\_\_

Company J & J Enterprises, c/o Berry Energy  
Address 309 Professional Bldg., Clarksburg  
Farm Caroline DuBois Acres 40  
Location (waters) Raccoon Run  
Well No. B-50 Elev. 1137  
District Elk County Harrison  
The surface of tract is owned in fee by \_\_\_\_\_  
Sarah D. Cravey, et all  
Address Mule Creek  
Mineral rights are owned by Same  
Address \_\_\_\_\_  
Drilling Commenced 1/10/77  
Drilling Completed 1/16/77  
Initial open flow Show cu. ft. \_\_\_\_\_ bbls.  
Final production 280,000 cu. ft. per day \_\_\_\_\_ bbls.  
Well open 7 hrs. before test 1005 RP.  
14 hours

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10" 11 3/4	17	17	to surface
9 5/8			
8 5/8	1206	1206	to surface
7			
5 1/2			
4 1/2	2554	2554	to 1840
3			
2			
Liners Used			

Well treatment details:  
Water Frac Fifth  
7/19/77  
834 bbl fluid  
36,600 # 20/40 sand  
500 gal acid

Attach copy of cementing record.

Coal was encountered at 95-100; 713-719 Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water 203' Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Fifth See PP OG-8 1/17/77 Depth -2550-TD 2370-2388

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay, Sand, Shale			0	95		
Coal			95	100		
Sand, Shale			100	120		H <sup>2</sup> O 203'
Red Rock			120	300		
Sand, Shale			300	713		
Coal			713	719		
Sand, Shale, Sand			719	1320		
Sand			1320	1370		
Shaley Sand			1370	1480		
Sand			1480	1500		
Sand, Shale			1500	1510		
Big Lime			1510	1640		
Sand, Shale			1640	1850		
Fifty Foot			1850	1926		
Shale, Sand			1926	2150		
Red Rock			2150	2240		
Brown Sand			2240	2290		
Sand Shale			2290	2400		Gas Show 2375
Fifth			2400	2420		
Shale, Sand			2420	2550 TD		

(over)

\* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

RECEIVED  
OCT 21 1976

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

Surface Owner Sarah D. Cravey, et al  
Address Mule Creek, New Mexico 88051  
Mineral Owner Same  
Address \_\_\_\_\_  
Coal Owner Same  
Address \_\_\_\_\_  
Coal Operator Not operated  
Address \_\_\_\_\_

DATE October 25, 1976  
Company Fossil Petroleum Corporation  
c/o Berry Energy Consultants  
Address 309 Professional Bldg., Clarksburg, W.Va.  
Farm Caroline Du Bois Acres 40  
Location (waters) \_\_\_\_\_  
Well No. B-50 Elevation 1137'  
District Elk County Harrison  
Quadrangle Philippi

THIS PERMIT MUST BE POSTED AT THE WELL SITE

Operations 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 2-27-77.

INSPECTOR Paul Garrett  
TO BE NOTIFIED \_\_\_\_\_  
ADDRESS Clarksburg, W.Va.  
PHONE 622-3871

Robert H. Berry  
Deputy Director - Oil & Gas Division

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 March 21, 1968 by Caroline Du Bois made to Hope Natural Gas Company and recorded on the 11th day of June 1968, in Harrison County, Book 945 Page 707

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, WEST VIRGINIA 26505  
AC-304 - 292-6331

Very truly yours, FOSSIL PETROLEUM CORPORATION  
c/o Berry Energy Consultants  
(Sign Name) W. B. Berry Well Operator

Address  
of  
Well Operator

309 Professional Bldg.  
Street  
Clarksburg,  
City or Town  
West Virginia  
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.

HAR-1000 PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

47-033

Signed by W. B. Berry

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

PROPOSED WORK ORDER TO   X   DRILL            DEEPEN            FRACTURE-STIMULATE

DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:  
 NAME S. W. Jack Drilling Company NAME Jim Willett  
 ADDRESS Indiana, Penna. ADDRESS Buckhannon, W. Va.  
 TELEPHONE 412/ 463-9191 TELEPHONE 472-2161

ESTIMATED DEPTH OF COMPLETED WELL:            ROTARY            CABLE TOOLS             
 PROPOSED GEOLOGICAL FORMATION: Benson

TYPE OF WELL: OIL            GAS   X   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 11 3/4	25	25	to surface
9 - 5 1/8			
8 - 5 1/8	1050	1230	to surface
7			
5 1/2			
4 1/2	4430	4430	to 1800
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 35' FEET SALT WATER            FEET  
 APPROXIMATE COAL DEPTHS 45-49  
 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