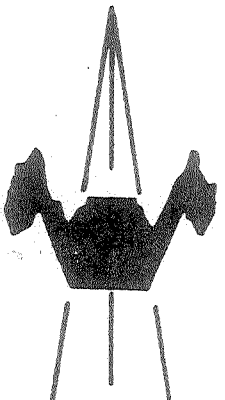
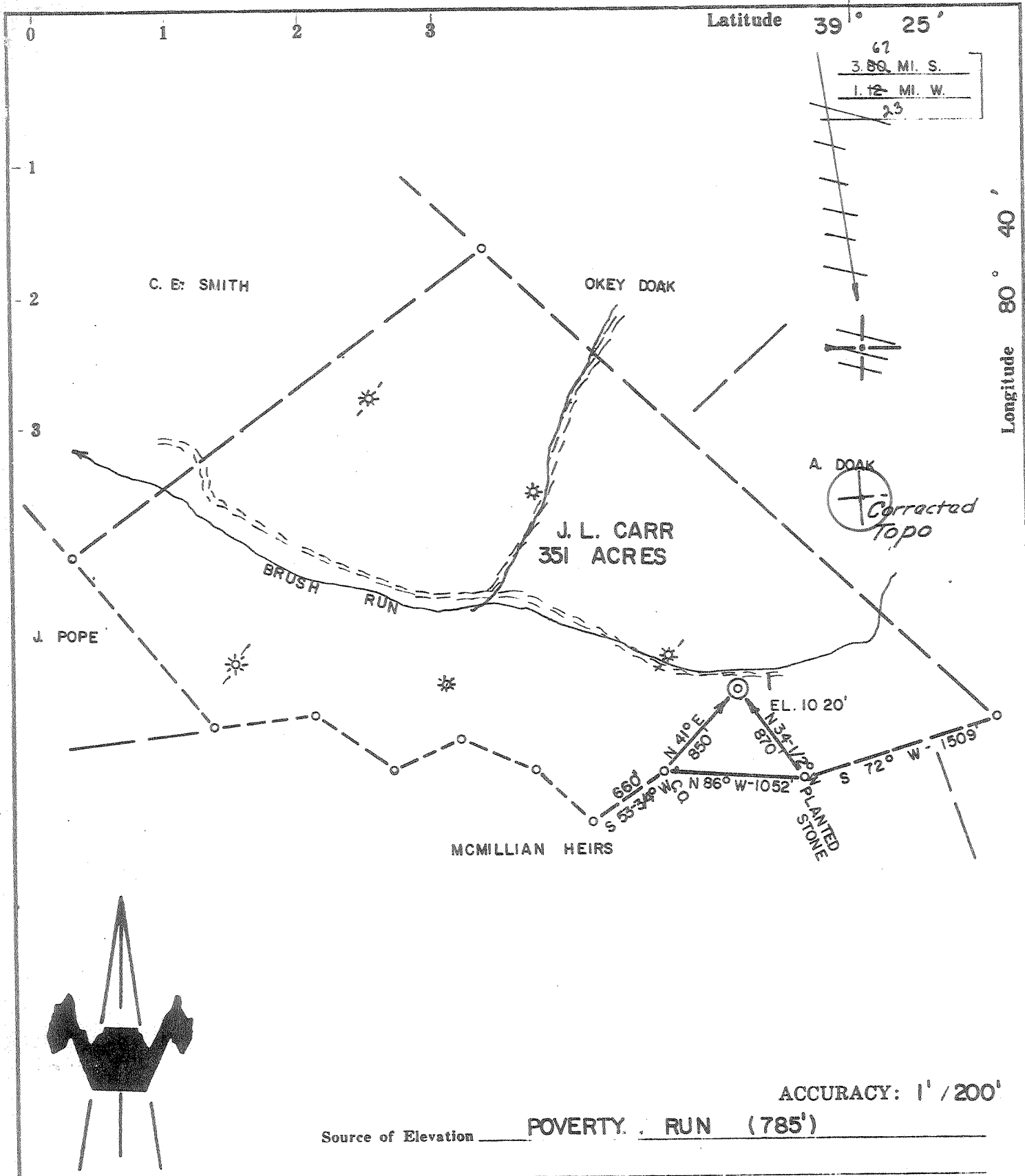


4,30,76 <sup>15</sup>



ACCURACY: 1' / 200'

Source of Elevation POVERTY RUN (785')

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.

*Chet Waterman*

Company MURVIN OIL CORP.  
 Address OLNEY, ILL.  
 Farm J. L. CARR  
 Tract \_\_\_\_\_ Acres 351 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1020'  
 Quadrangle CENTERPOINT *WC*  
 County DODDRIDGE District GRANT  
 Engineer CHET WATERMAN  
 Engineer's Registration No. 3788  
 File No. 76003-191 Drawing No. \_\_\_\_\_  
 Date 4/28/76 Scale 1" = 1000'

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

WELL LOCATION MAP  
 FILE NO. DODD-1811

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.

47-017

G-G SMITHTON FLINT SEDALIA

99

MAY 10 1976



RECEIVED

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
**Oil and Gas Division**  
**WELL RECORD**

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

Quadrant: CENTERPOINT

Permit No: DOD-1811

Company <u>MURVIN OIL CORPORATION</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>BOX 297, Olney, Ill.</u>				
Farm <u>J.L. CARR</u> Acres <u>351</u>	Size			
Location (waters) <u>Brush Run</u>	20-16			
Well No. <u>1</u> Elev. <u>1020</u>	Cond.			
District <u>Grant</u> County <u>Doddridge</u>	13-10"			
The surface of tract is owned in fee by <u>J.L. Carr</u>	9 5/8			
<u>et als</u>	8 5/8	250	250	60Sks
Address <u>West Union Wv.</u>	7			
Mineral rights are owned by <u>Same</u>	5 1/2			
Address _____	4 1/2		2173	100 Sks
Drilling Commenced <u>5/5/76</u>	3			
Drilling Completed <u>6/7/76</u>	2			
Initial open flow <u>NT</u> cu. ft. _____ bbls.	Liners Used			
Final production <u>200M</u> cu. ft. per day _____ bbls.				
Well open <u>8</u> hrs. before test <u>460</u> RP.				

Well treatment details:

Frac 1000 BBL Water 30M Sand

Attach copy of cementing record.

Coal was encountered at None Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water 60 Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Big Injun Depth 2006 2132

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
No open hole log run due to hole condition Perforating logs only						
Sand & shale			Surface	1881		
Maxton sand			1881	1900		
Shale			1900	1930		
Big lime			1930	2006		
Injun Sand			2006	2132		
Shale			2132	2167 TD		

(over)

\* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

APR 30 1976

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 April 30, 1976

Surface Owner J. L. Carr, et als  
Address West Union, W. Va.  
Mineral Owner J. L. Carr, et als  
Address (same)  
Coal Owner none  
Address \_\_\_\_\_  
Coal Operator none  
Address \_\_\_\_\_

Company Murvin Oil Corporation  
Address P. O. Box 297, Olney, Ill. 62450  
Farm Joseph L. Carr Acres 351  
Location (waters) Brush Run  
Well No. 1 Elevation 1020  
District Grant County Doddridge  
Quadrangle Centerpoint

IS PERMIT MUST BE POSTED AT THE WELL SITE

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 8-30-76.

Robert L. ...  
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED: Paul Garrett  
PH: 622-3871 ADDRESS Clarksburg, 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 5, 1901 by Joseph L. Carr, et ux. made to F. B. Hamilton and recorded on the 12th day of November 1902, in Doddridge County, Book 19 Page 140

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.

Very truly yours, Murvin Oil Corporation  
(Sign Name) Robert D. Blawie, Agent  
Well Operator

COPIES OF ALL  
DIRECTLY TO:  
Geological and Economic Survey  
Address  
of  
Well Operator  
Charleston, W. Va. 26505

P. O. Box 297  
Street  
Olney,  
City or Town  
Illinois, 62450  
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.

DOD-1811

PERMIT NUMBER

47-017

BLANKET BOND

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 Haught Brothers Drilling NAME Dennis D. Blauser, Agent  
 ADDRESS Smithville, W. Va. 26178 ADDRESS P. O. Box 216, Glenville, WV  
 TELEPHONE 477 2222 TELEPHONE 643 - 4163  
 ESTIMATED DEPTH OF COMPLETED WELL: 2000' ROTARY X CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Big Injun  
 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			
9 - 5/8			
8 - 5/8	200'	200'	to surface
7			
5 1/2			
4 1/2	2000'	2000'	100 sks
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 60 FEET \_\_\_\_\_ SALT WATER \_\_\_\_\_ FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS unknown \_\_\_\_\_, \_\_\_\_\_  
 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