



ACCURACY: 1" / 200'

Source of Elevation U.S.G.S.B.M. AT BIG RUN (865')

- New Location
- Drill Deeper
- Abandonment
- Fracture
- Redrill

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 CORPORATION
Address	OLNEY, ILL.
Farm	W. BRENT MAXWELL
Tract	Acres 1891.75 Lease No. _____
Well (Farm) No.	9 Serial No. _____
Elevation (Spirit Level)	940' <i>NE</i>
Quadrangle	HOLBROOK, Oxford 7 1/2'
County	DODDRIDGE District SOUTHWEST
Engineer	CHET WATERMAN
Engineer's Registration No.	3788
File No.	78003-411 Drawing No. _____
Date	9-9/1/78 Scale 1" = 1320'

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION CHARLESTON	
WELL LOCATION MAP	
FILE NO. DODD - 2290	
+ 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 SEP 19 1978	

2400' Berea 6-6 Straight Fork-Bluestone Creek (133)



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Holbrook

Permit No. Dodd-2290 (47-017-2290)

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

Company <u>Murvin Oil Company</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>Box 297, Olney, Ill. 62450</u>				
Farm <u>W. B. Maxwell</u> Acres <u>1891</u> portion	Size			
Location (waters) <u>South Fork Hughes River</u>	20-16			
Well No. <u>9</u> Elev. <u>940'</u>	Cond.			
District <u>Southwest</u> County <u>Doddridge</u>	13-10"			
The surface of tract is owned in fee by _____	9 5/8			
<u>W. B. Maxwell Heirs</u>	8 5/8	200	200	65 sks.
Address <u>Clarksburg, WV 26301</u>	7			
Mineral rights are owned by <u>same</u>	5 1/2			
Address _____	4 1/2	2304	2304	200 sks.
Drilling Commenced <u>9/10/78</u>	3			
Drilling Completed <u>11/1/78</u>	2			
Initial open flow <u>NT</u> cu. ft. <u>NT</u> bbls.	Liners Used			
Final production <u>600M</u> cu. ft. per day <u>none</u> bbls.				
Well open _____ hrs. before test <u>650</u> RP.				

Well treatment details: Attach copy of cementing record.

Frac -- 2 stage - 780 bbl. water - 80M sand
488 bbl. water - 35M sand

Coal was encountered at none Feet _____ Inches
Fresh water 60' Feet _____ Salt Water _____ Feet _____
Producing Sand Injun & Weir Depth 1630-1828 : 1990-2110

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
		Sand & Shale	Surface	1000		
		Shale	1000	1010		
		Sand	1010	1078		
		Shale	1078	1140		
		Sand	1140	1180		
		Shale	1180	1190		
		Sand	1190	1438		
		Shale	1438	1476		
		Sand	1476	1630		
		Big Injun	1630	1828		
		Shale	1828	1990		
		Weir	1990	2110		
		Shale	2110	2316	TD	

(over)

* Indicates Electric Log tops in the remarks section.

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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Oil and Gas Division OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE September 5, 1978

Surface Owner Brent Maxwell Heirs

Company MURVIN OIL CORPORATION

Address Clarksburg, West Virginia 26301

Address PO Box 297, Olney, Illinois 62450

Mineral Owner Same

Farm W. Brent Maxwell Acres 1891

Address

Location (waters) South Fork Hughes River

Coal Owner None

Well No. 9 Elevation 940

Address

District Southwest County Doddridge

Coal Operator

Quadrangle Holbrook

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 TO BE NOTIFIED Paul Garrett

operations have not commenced by 1-6-79 ADDRESS Clarksburg, W. Va.

Deputy Director - Oil & Gas Division

PHONE 622-3871

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 September 25, 1919 by W. Brent Maxwell made to Pittsburgh & WV Gas Co. and recorded on the 8th day of October 1919, in Doddridge County, Book 37 Page 48

X 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

Address
of
Well Operator

Very truly yours, MURVIN OIL CORPORATION
(Sign Name) Dennis D. Blauser, AGENT
Well Operator

Post Office 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.

BLANKET BOND

"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."

Signed by Dennis D. Blauser, Agent

DODD-2290 PERMIT NUMBER

47-017

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 Gene Stalnaker, Inc. NAME Dennis D. Blausner
 ADDRESS Letter Gap, West Virginia 25255 ADDRESS PO Box 216, Glenville, WV 26351
 TELEPHONE 304-462-7092 TELEPHONE 614-373-6305
 ESTIMATED DEPTH OF COMPLETED WELL: 2400' ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Berea
 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		2400	200 sacks
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 60 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS None _____
 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