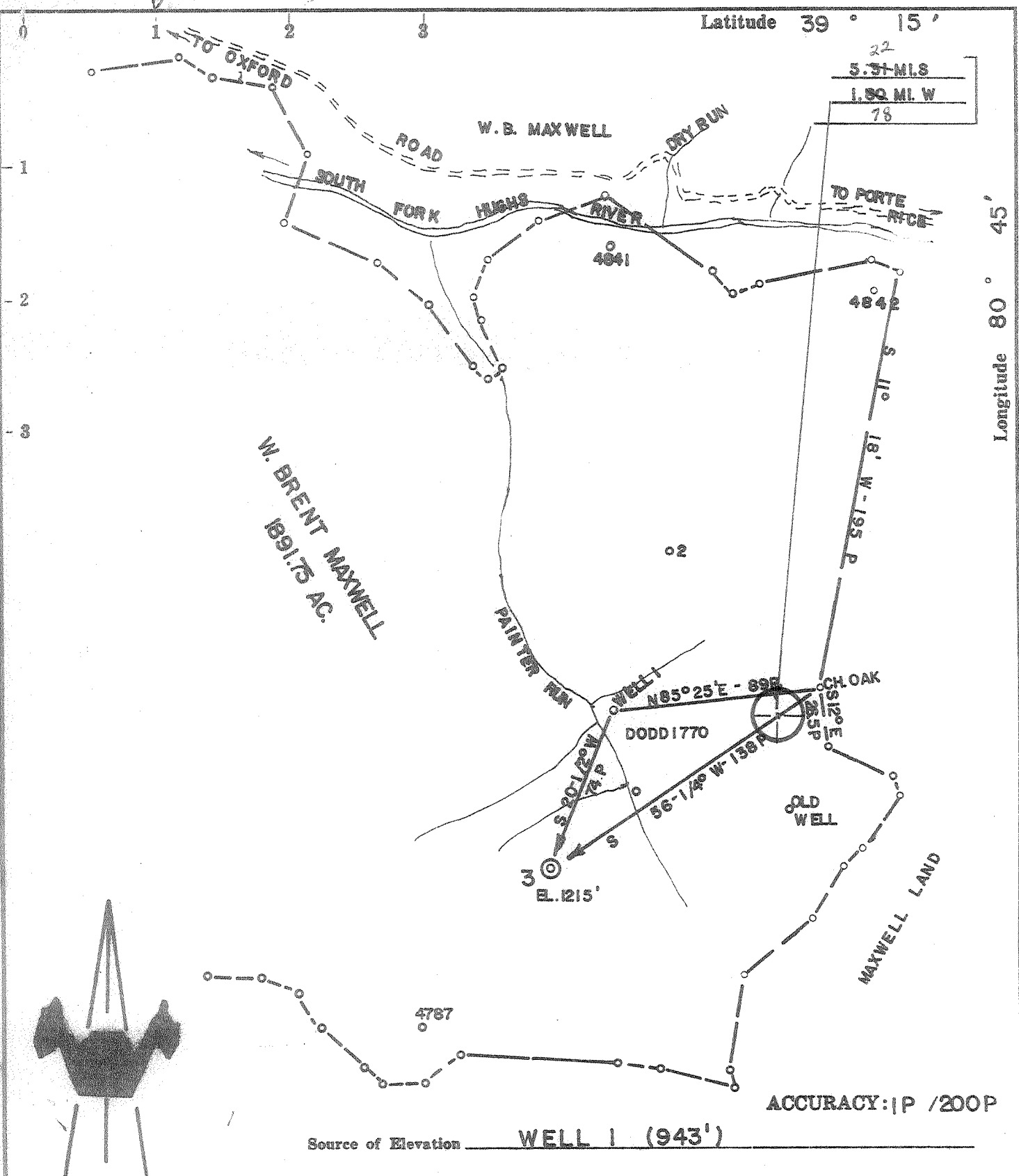


Latitude 39° 15'

Longitude 80° 45'



Source of Elevation WELL 1 (943')

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.

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

*Chet Waterman*

Company MURVIN OIL CO.  
 Address OLNEY, ILL.  
 Farm W BRENT MAXWELL  
 Tract Acres 189.75 Lease No. \_\_\_\_\_  
 Well (Farm) No. 3 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1215'  
 Quadrangle HOLBROOK NE  
 County DODDRIDGE District SOUTHWEST  
 Engineer CHET WATERMAN  
 Engineer's Registration No. 3788  
 File No. 74003-494 Drawing No. \_\_\_\_\_  
 Date 10/21/74 Scale 1" = 60P

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

WELL LOCATION MAP  
 FILE NO. Dod-1775

+ 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

*2000' High ...  
 6-6 Straight Fork-Bluestone Creek (133)*

NOV 6 1974



SEP 18 1975

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

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle Holbrook  
Permit No. DOD-1775

**WELL RECORD**

Oil or Gas Well gas  
(KIND)

Company Murvin Oil Corporation  
Address P.O. Box 297, Olney, Illinois  
Farm W. Brent Maxwell Acres 1891  
Location (waters) S.F. Hughes River  
Well No. 3 Elev. 1215'  
District Southwest County Doddridge  
The surface of tract is owned in fee by W. B. Maxwell hrs.  
Address Clarksburg, WV.  
Mineral rights are owned by W. B. Maxwell hrs.  
Address Clarksburg, WV.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			hookwall
10			Size of 4 x 7 5/8
8 5/8	220	220	Depth set 1600'
6 3/16			
5 3/16			
4 1/2			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Drilling commenced 11/10/74  
Drilling completed 11/20/74  
Date Shot From To  
With  
Open Flow /10ths Water in Inch  
/10ths Merc in Inch  
Volume 400 MCF Cu. Ft.  
Rock Pressure 280 lbs. 24 hrs.  
Oil bbls., 1st 24 hrs.  
WELL ACIDIZED (DETAILS)  
WELL FRACTURED (DETAILS)

Attach copy of cementing record.  
CASING CEMENTED 8 5/8 size 220 No. 11/12/75 Date  
Amount of cement used (bags) 75 sacks  
Name of Service Co. Lawson Cementing  
COAL WAS ENCOUNTERED AT none FEET INCHES  
FEET INCHES FEET INCHES  
FEET INCHES FEET INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.)  
ROCK PRESSURE AFTER TREATMENT HOURS  
Fresh Water 100 ft. Feet  
Producing Sand Salt Sand Depth 1630-1640 Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand & Shale			surface	1604			
Salt Sand			1604	1640	Gas	1630-1640	
Shale			1640	1650			
Sand			1650	1670			
Shale			1670	1720			
Sand			1720	1760			
Shale			1760	1810			
Sandy Shale			1810	1870			
Big Lime			1870	1940			
Big Injur			1940	2036	Dry		
Shale			2036	2127			
TD			2127				



RECEIVED

OCT 24 1974

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

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 October 24, 1974

Surface Owner Brent Maxwell Heirs  
Address Clarksburg, WV  
Mineral Owner same  
Address \_\_\_\_\_  
Coal Owner none  
Address \_\_\_\_\_  
Coal Operator \_\_\_\_\_  
Address \_\_\_\_\_

Company Murvin Oil Corporation  
Address P. O. Box 297, Olney, Illinois  
Farm W. Brent Maxwell Acres 1,891-3/4  
Location (waters) South Fork of Hughes River  
Well No. 3 Elevation 1215'  
District Southwest County Doddridge  
Quadrangle Holbrook Southeast

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 2-24-75.

[Signature]  
Deputy Director - Oil & Gas

INSPECTOR TO BE NOTIFIED Richard Morris  
Grantsville, WV. PH: 354-7259

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 et ux, made to Pitt. & WV Gas Company and recorded on the 8th day of October 1919, in Doddridge County, Book 37 Page 48

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

Address of Well Operator

Very truly yours,  
(Sign Name) Dennis W. Blair  
Dennis W. Blair, Agt. for  
Murvin Oil Corporation  
P. O. Box 297  
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-1775

PERMIT NUMBER

BLANKET BOND

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 Glenn L. Haught & Sons NAME Dennis D. Blauser  
 ADDRESS Smithville, WV 26178 ADDRESS P. O. Box 216  
 TELEPHONE 477 2222 TELEPHONE Glenville, WV 26351  
 ESTIMATED DEPTH OF COMPLETED WELL: 2000' ROTARY X CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Big Injun  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS \_\_\_\_\_ COMB. X 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'	to surface
7			
5 1/2			
4 1/2		2000'	120 sacks
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