



ACCURACY: 1 P / 200 P

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.

Chet Waterman

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

Company MURVIN OIL CO.
 Address OLNEY, ILL.
 Farm W. BRENT MAXWELL
 Tract _____ Acres 1891.75 Lease No. _____
 Well (Farm) No. 2 Serial No. _____
 Elevation (Spirit Level) 1275'
 Quadrangle HOLBROOK NE
 County DODDRIDGE District SOUTHWEST
 Engineer CHET WATERMAN
 Engineer's Registration No. 3788
 File No. 74003-493 Drawing No. _____
 Date 10/21/74 Scale 1" = 60 P

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

WELL LOCATION MAP

FILE NO. Wod-1774

+ 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.

47017

2000' Highways 6-6 Straight Fork-Bluestone Creek (133)



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

Rotary
Spudder
Cable Tools
Storage

Quadrangle Holbrook
Permit No. DOD-1774

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. 2 Elev. 1215'
District Southwest County Doddridge
The surface of tract is owned in fee by Maxwell Hrs.
Address Clarksburg, WV.
Mineral rights are owned by Maxwell Hrs.
Address Clarksburg, WV.
Drilling commenced 11/1/74
Drilling completed 12/1/74
Date Shot From To
With
Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume no test Cu. Ft.
Block Pressure lbs. hrs.
Oil bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS)
WELL FRACTURED (DETAILS) 1,000 bbl. water 60 M sand

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Size of
10			Depth set
8 5/8	250	250	Perf. top <u>1986</u>
6 3/4			Perf. bottom <u>2054</u>
5 3/16			Perf. top
4 1/2	2146	2146	Perf. bottom
3			
2			
Liners Used			

Attach copy of cementing record.
CASING CEMENTED 8 5/8 SIZE 250 No. Ft. 11/9/74 Date
Amount of cement used (bags) 100
Name of Service Co. LAWSON - 2146' - 4 1/2" - 100 sks.
COAL WAS ENCOUNTERED AT none FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 500 MCF
BLOCK PRESSURE AFTER TREATMENT 6.50 HOURS 24
Fresh Water none Feet Salt Water Feet
Producing Sand Big Injun Depth 1996 - 2060

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand & Shale			surface	1580			
Sand			1580	1660			
Shale			1660	1680			
Sand			1680	1710			
Shale			1710	1750			
Sand			1750	1790			
Shale			1790	1850			
Lime			1850	1864			
Shale			1864	1910			
Big Lime			1910	1996			
Big Injun			1996	2064	show gas	<u>2040 - 2060</u>	
Shale			2064	2154			
TD			2154				

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

OCT 24 1974

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 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. 2 Elevation 1275'
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

Robert L. Fadd
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 529
Morgantown, W. Va. 26605
AC 304-296-4461

Very truly yours,

(Sign Name) Dennis M. Blasler
Dennis M. Blasler, Agt. for
Murvin Oil Corporation
Address P. O. Box 297
of _____
Well Operator 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-1774

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 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