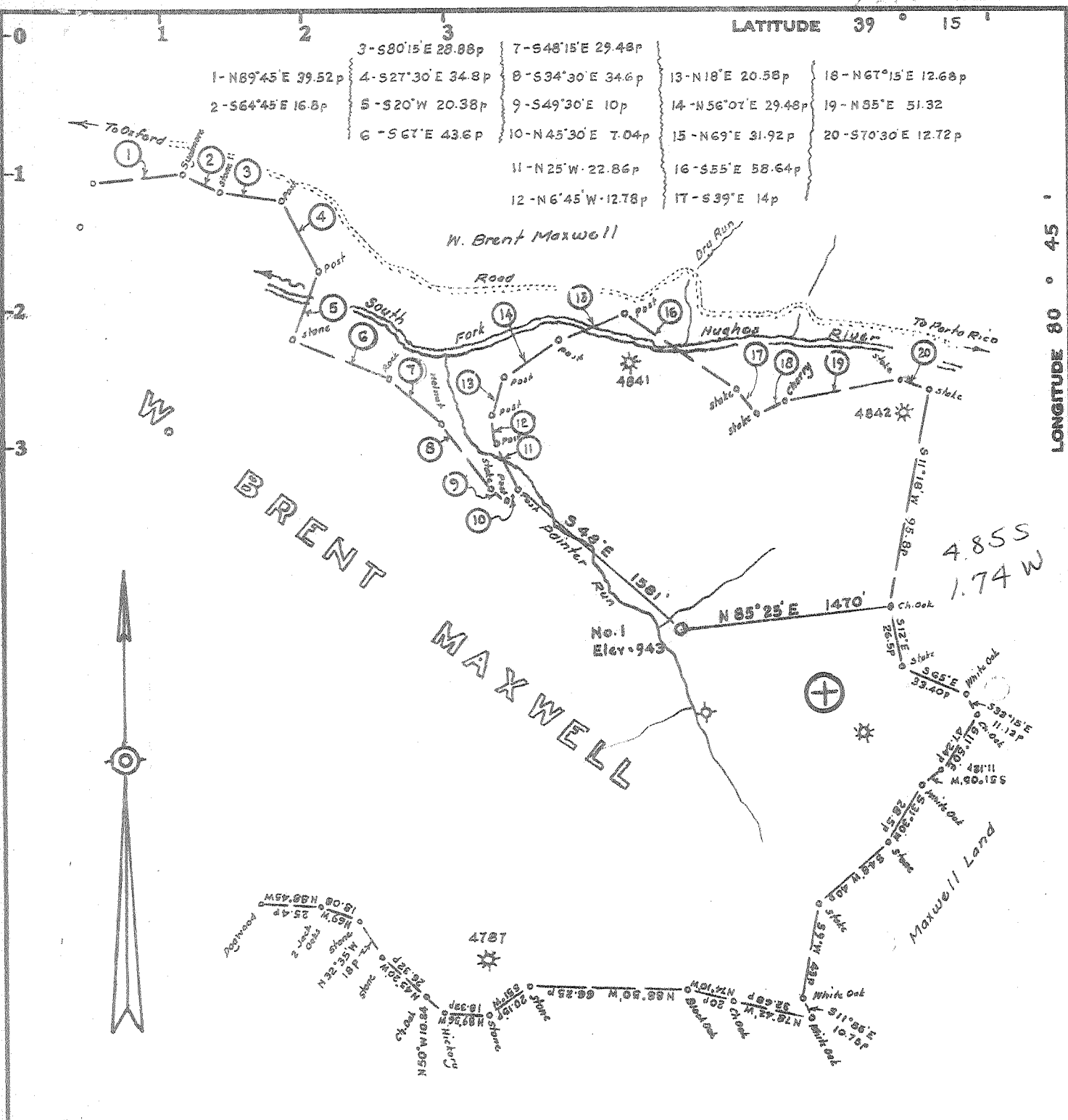


LATITUDE 39° 15'

LONGITUDE 80° 45'



Minimum Error of Closure 1 in 200'
 Source of Elevation U.S.G.S.A.M. at Big Run (9,000' NW) = 865

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

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.

Signed: [Signature]
 Squares: N S E W

Company MURVIN OIL CO.
 Address P.O. Box 297, Olney, Illinois
 Farm W. Brent Maxwell
 Tract Acres 1821.75 Lease No. _____
 Well (Farm) No. Murvin No. 1 Serial No. _____
 Elevation (Spirit Level) 943
 Quadrangle Holbrook NE
 County Doddridge District Southwest
 Engineer [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date July 28, 1974 Scale 1" = 600' - 990'

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

WELL LOCATION MAP
 FILE NO. Dad-1770

+ 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 1 1975

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Holbrook
Permit No. DOD-1770

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

Company Murvin Oil Corporation
Address P.O. Box 297, Olney, Ill.
Farm W. Brent Maxwell Acres 1891
Location (waters) S.F. Hughes River
Well No. 1 Elev. 943'
District Southwest County Doddridge
The surface of tract is owned in fee by Maxwell Hrs.

Address _____
Mineral rights are owned by same
Address _____
Drilling Commenced 7/25/74
Drilling Completed 9/6/74
Initial open flow no test cu. ft. _____ bbls.
Final production 1,000 cu. ft. per day _____ bbls.
Well open 1 hrs. before test 2501b RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
9 5/8			
8 5/8	217	217	to surface
7			100 sacks (Lawson)
5 1/2			
4 1/2	1860	1860	100 sacks
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

fractured - 1,000 bbl. water - 60M sand

Coal was encountered at none Feet _____ Inches _____
Fresh water 30 Feet _____ Salt Water _____ Feet _____
Producing Sand Big Injun Depth 1732-1746

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			surface	1304		Electric Log Tops
Sand			1304	1362		
Shale			1362	1380		
Sand			1380	1400		
Shale			1400	1450		
Sand			1450	1494		
Shale			1494	1604		
Big Lime			1604	1670		
<u>Big Injun</u>			1670	1768	<u>Gas - 1730-1750</u>	
Shale			1768	1848		
TD			1848			

(over)

* Indicates Electric Log tops in the remarks section.

SEP 30 1975

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

JUL 29 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 July 29, 1974

Surface Owner Brent Maxwell Heirs

Company Murvin Oil Corporation

Address Clarksburg, WV

Address P. O. Box 297, Olney, Illinois

Mineral Owner same

Farm W. Brent Maxwell Acres 1,891-3/4

Address _____

Location (waters) South Fork of Hughes River

Coal Owner none

Well No. 1 Elevation _____

Address _____

District Southwest County Doddridge

Coal Operator _____

Quadrangle Holbrook Southeast

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 operations have not commenced by 11-29-74

INSPECTOR TO BE NOTIFIED
Paul Garrett
Charleston, W. Va. PH: 622-3871
26301

[Signature]
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 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.

Very truly yours,

(Sign Name) Dennis D. Brasler
Dennis D. Brasler, Agt. for
Murvin Oil Corporation
P. O. Box 297
Street

Address
of
Well Operator

Olney,
City or Town
Illinois 62450
State

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

*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-1770 PERMIT NUMBER
47-017

BLANKET BOND

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: 2500' ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Berea
 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		2500'	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