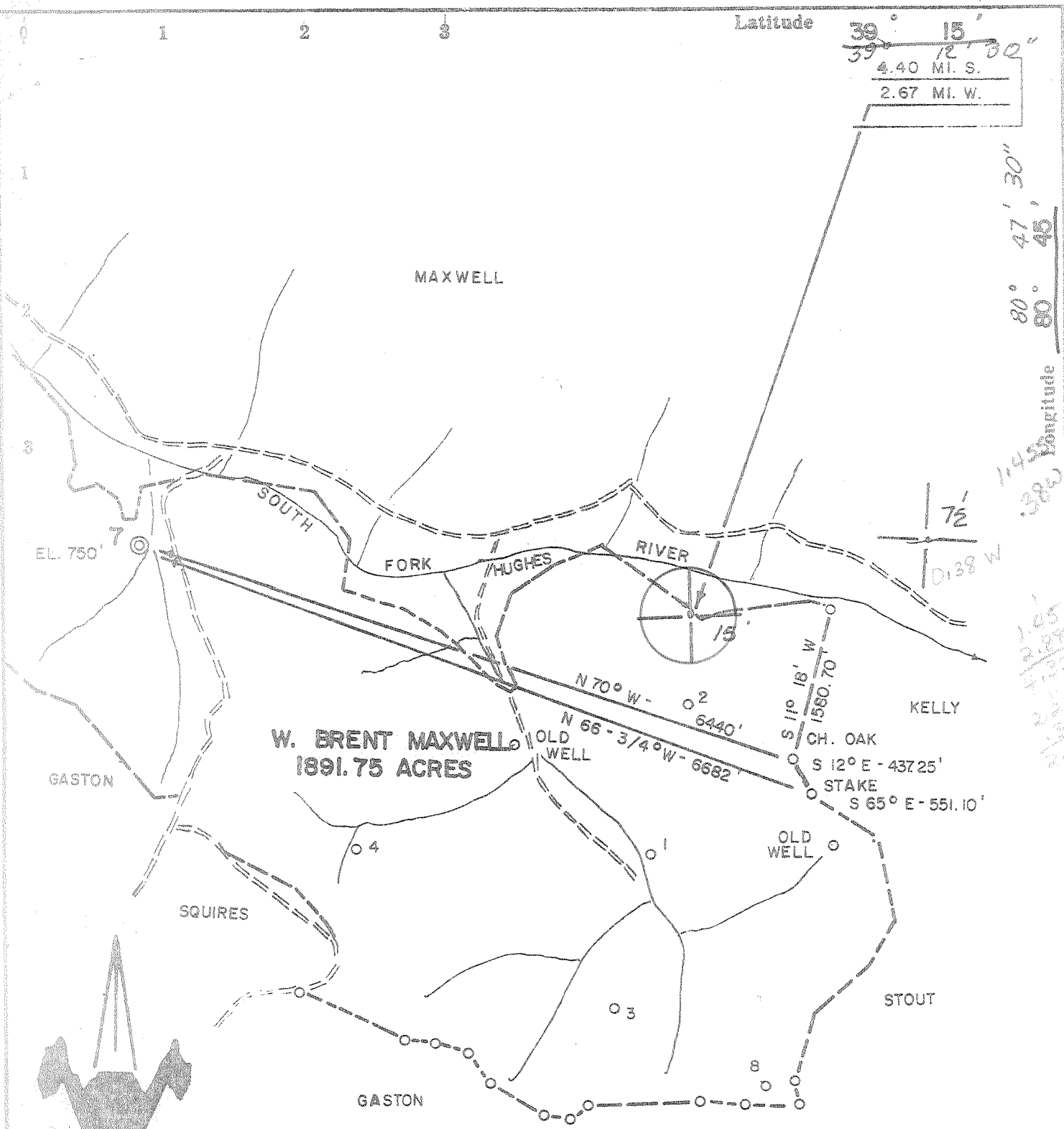


5/3/78



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. 7 Serial No. _____
 Elevation (Spirit Level) 1040' NE
 Quadrangle HOLBROOK Oxford 7 1/2'
 County DODDRIDGE District SOUTHWEST
 Engineer CHET WATERMAN
 Engineer's Registration No. 3788
 File No. 78003-156 Drawing No. _____
 Date 5/2/78 Scale 1" = 1320'

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

WELL LOCATION MAP
 FILE NO. DODD-1898

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 MAY 15 1978



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

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OIL & GAS DIVISION
DEPT. OF MINES

WELL RECORD

Quadrangle Holbrook Southeast

Permit No. Dodd-1898

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

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. 64250</u>				
Farm <u>W. Brent Maxwell</u> Acres <u>1891 portion</u>	Size			
Location (waters) <u>South Fork Hughes River</u>	20-16			
Well No. <u>7</u> Elev. <u>1040'</u>	Cond.			
District <u>Southease</u> County <u>Doddridge</u>	13-10"			
The surface of tract is owned in fee by _____	9 5/8			
<u>W. Brent Maxwell Heirs</u>	8 5/8	243	243	100 sks.
Address <u>Clarksburg, WV 26301</u>	7			
Mineral rights are owned by <u>same</u>	5 1/2			
Address _____	4 1/2	2200	2200	200 sks.
Drilling Commenced <u>5/4/78</u>	3			
Drilling Completed <u>5/12/78</u>	2			
Initial open flow <u>NT</u> cu. ft. <u>NT</u> bbls.	Liners Used			
Final production <u>1500M</u> cu. ft. per day <u>none</u> bbls.				
Well open _____ hrs. before test <u>1090</u> RP.				

Well treatment details:

Attach copy of cementing record.

Frac - 2 stage -- 800 bbl. 60M sand
900 bbl. 60M sand

Coal was encountered at none Feet _____ Inches _____
Fresh water 60 Feet _____ Salt Water _____ Feet _____
Producing Sand Injun & Weir Depth 1689-1719, 1900-2010

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
	Sand & Shale		Surface	1200		
	Shale		1200	1286		
	Sand		1286	1326		
	Shale		1326	1366		
	Sand		1366	1406		
	Shale		1406	1468		
	Sandy/Shale		1468	1488		
	Shale		1488	1550		
	Sandy/Shale		1550	1578		
	Lime		1578	1689		
	Injun Sand		1689	1719		
	Shale		1719	1900		
	Sand Weir		1900	2010		
	Shale		2010	2200	TD	

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

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OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE 5/3/78

Surface Owner Brent Maxwell Hrs.

Company Murvin Oil Corp.

Address Clarksburg, WV

Address Box 297, Olney, Illinois 62450

Mineral Owner Same

Farm W. Brent Maxwell Acres 1891.75

Address _____

Location (waters) South Fork Hughes River

Coal Owner None

Well No. 7 Elevation 1040

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

INSPECTOR

Paul Garrett

for drilling. This permit shall expire

TO BE NOTIFIED

operations have not commenced by 9-3-78

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 Pitts & WV. Gas Co. and recorded on the 8th day of October 19 19 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, WEST VIRGINIA 26505
AC-304 - 292-6331

Very truly yours, Murvin Oil Corporation,
(Sign Name) Pinna Blauer, Agent
Well Operator

Address
of
Well Operator

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 BOARD

DODD-1898 PERMIT NUMBER

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."

47-017

signed by Pinna Blauer, Agent

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 Blauser
 ADDRESS Smithville, WV. ADDRESS Box 216, Glenville, Wv.
 TELEPHONE 477-3333 TELEPHONE 614-643-4163
 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			
4 1/2		2400	200 Sks
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