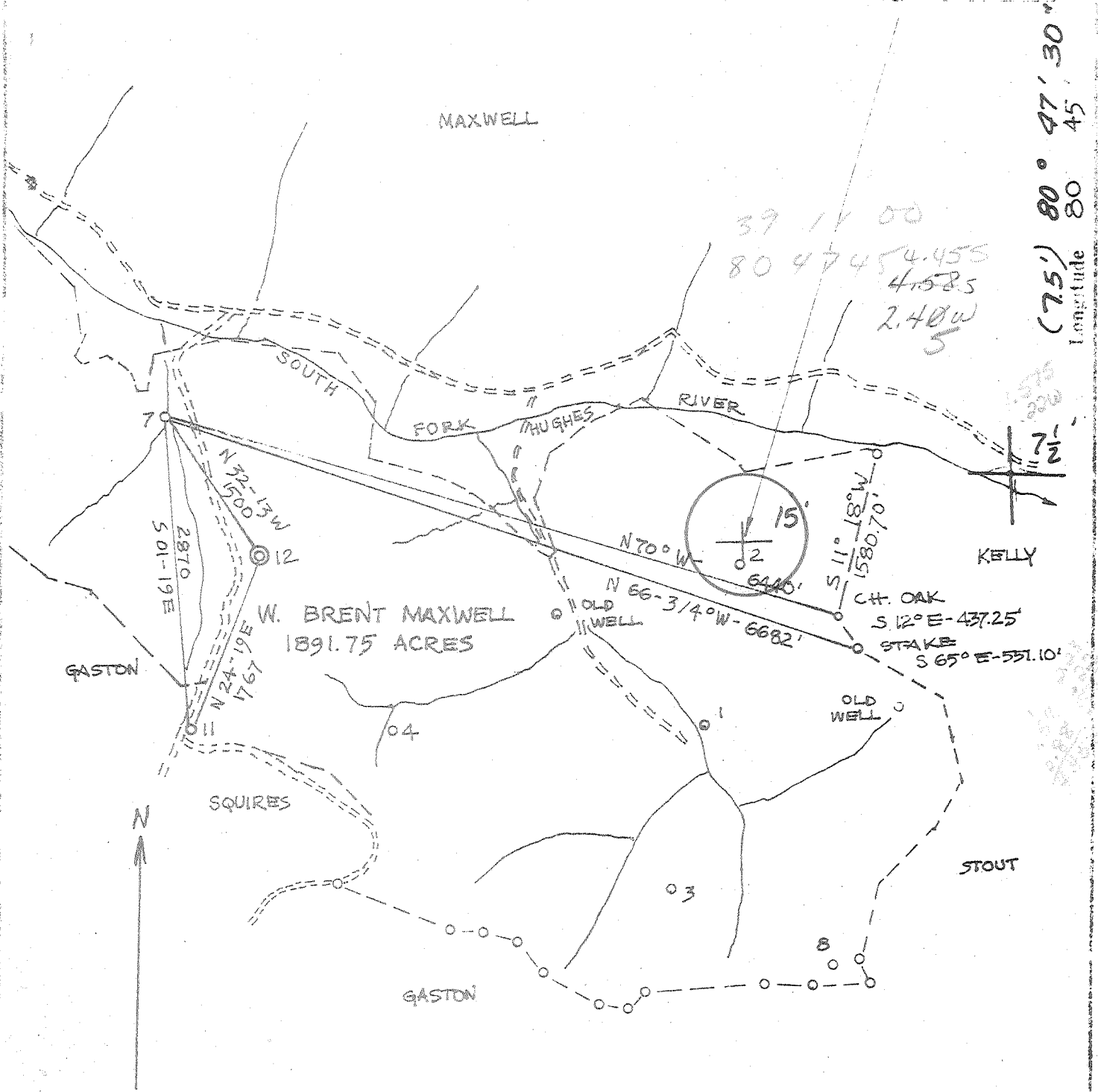


Latitude 39° 15' 30" (75')
 4.64 MI. S.
 2.40 MI. W.

Longitude 80° 47' 30" (75')
 80 45



39 11 00
 80 47 45 4.455
 4.585
 2.40W
 5

BEREA, BIG INJUN, WEIR

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

Source of Elevation U.S. G.S. B.M. AT BIG RUN (865')
 I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and show all the information required by paragraph 4 of the rules and regulations of the oil and gas portion of the mining laws of West Virginia.
 Neal S. Hughes Minimum accuracy, one part in 200

Company MURVIN OIL CORPORATION
 Address OLNEY, ILL.
 W. BRENT MAXWELL
 Tract Acres 1891.75
 Well (Farm) No. 12
 Elevation (Spirit Level) 1250' NE
 Quadrangle HOLBROOK, 15, OXFORD 7 1/2
 County DODDRIDGE DIST. SOUTHWEST
 Surveyor or Engineer NEAL HUGHES
 Surveyor's or Engineer's Registration No. 632
 File No. Drawing No.
 Date 6/26/79 Scale 1" = 1320'

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

WELL LOCATION MAP
 FILE NO. 47-017-2458

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.

AUG 7 1979

64 STRAIGHT FR BLUESTONE CK 133



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OCT 17 1979

Oil and Gas Division
WELL RECORD

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

Quadrangle Holbrook

Permit No. DODD-2458

API # 47-017-2458

Company Murvin Oil Corporation
Address P. O. Box 297, Olney, IL 62450
Farm W. B. Maxwell Acres 1891
Location (waters) South Fork of Hughes River
Well No. 12 Elev. 1250'
District Southwest County Doddridge

The surface of tract is owned in fee by W. Brent Maxwell Heirs

Address Clarksburg, WV 26302

Mineral rights are owned by Same

Address _____

Drilling Commenced 8/2/79

Drilling Completed 8/22/79

Initial open flow No Test cu. ft. no Test bbls.

Final production 90 M cu. ft. per day Show bbls.

Well open - hrs. before test 700 RP.

Well treatment details:

Water Frac - 3 stage - Dowell

1st - Gordon Sand - 470 bbl. water - 45 M Sand. Perforated 10 holes at 2567' to 2572'

2nd - Weir Sand - 651 bbl. water - 60 M sand: perforated 16 holes at 2168' to 2266'

3rd - Big Injun Sand - 528 bbl. water - 45 M sand: perforated 10 holes at 1974' to 1980'

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	263	263	80 sks
7			
5 1/2			
4 1/2	2600	2600	200 sks
3			
2			
Liners Used			

Attach copy of cementing record.

Coal was encountered at None Feet - Inches
Fresh water 62' Feet - Salt Water - Feet -
Producing Sand Big Injun, Weir & Gordon Depth See Above

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			Surface	1550		Top of electrical log
Shale			1550	1570		
Sand			1570	1642		
Shale			1642	1700		
Sand			1700	1726		
Shale			1726	1814		
Sand			1814	1864		
Big Injun			1864	2014	Gas	
Shale			2014	2160		
Weir			2160	2280	Gas	
Shale			2280	2358		
Berea			2358	2368	Show Gas	
Shale			2368	2565		
Gordon			2565	2580	Gas	
Shale			2580	2600	TD	

(over)

* Indicates Electric Log tops in the remarks section.

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. #12

API Well No. 47 - 017-2458
State County Per

WELL TYPE: Oil / Gas X /
(If "Gas", Production / Underground storage / Deep / Shallow X /)

LOCATION: Elevation: 1250' Watershed: South Fork Hughes River
District: Southwest County: Doddridge Quadrangle: Holbrook

WELL OPERATOR MURVIN OIL CORPORATION
Address C/O Blauser Well Service, Inc.
Post Office Box 829
Marietta, Ohio 45750

DESIGNATED AGENT STANLEY K. WILSON
Address Five Forks
West Virginia 26145

OIL & GAS ROYALTY OWNER W. Brent Maxwell Heirs
Address c/o Union National Bank of Clarksburg
PO Box 1450, Clarksburg, WV 26302

COAL OPERATOR Same
Address

Acreage 1,891
SURFACE OWNER Same
Address
Acreage

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Same
Address
Name Same
Address

FIELD SALE (IF MADE) TO:
Name Equitable Gas Company
Address 420 Boulevard of the Allies
Pittsburgh, PA 15219

COAL LESSEE WITH DECLARATION ON RECORD:
Name
Address

OIL & GAS INSPECTOR TO BE NOTIFIED
Name
Address

OIL & GAS DIVISION
DEPT. OF MINES

JUL 20 1979

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease X / other contract / dated 9/25, 1919, to the undersigned well operator from W. Brent Maxwell

[If said deed, lease, or other contract has been recorded:]
Recorded on October 8, 1919, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in Lease Book 37 at page 48. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill deeper / Redrill / Fracture or stimulate /
Plug off old formation / Perforate new formation /
Other physical change in well (specify)

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

BLANKET BOND

MURVIN OIL CORPORATION
Well Operator
By Stanley K. Wilson
Stanley K. Wilson
Its Agent

[08-78]

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Apache Drilling
Address Court House Lane
Marietta, Ohio 45750

GEOLOGICAL TARGET FORMATION, Berea, Big Injun & Weir

Estimated depth of completed well, 2600 feet Rotary X / Cable tools /

Approximate water strata depths: Fresh, 50 feet; salt, feet.

Approximate coal seam depths: none Is coal being mined in the area? Yes / No

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water	8 5/8	K55	24	X		250	250	To surface	
Coal									Sizes
Intermediate									
Production	4 1/2	K55	10 1/2	X			2600	200 sacks	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

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 3-23-80.

[Signature]
Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: , 19

By
Its