



ACCURACY: 1P / 200P

Source of Elevation SMITHBURG (797)

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 CORP
 Address OLNEY, ILL.
 Farm FANNIE COULEHAN
 Tract _____ Acres 211 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 883'
 Quadrangle CENTERPOINT SW
 County DODDRIDGE District WEST UNION
 Engineer CHET WATERMAN
 Engineer's Registration No. 3788
 File No. 75003-108 Drawing No. _____
 Date 3/20/75 Scale 1" = 20P

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

WELL LOCATION MAP
 FILE NO. DOD-1780

+ 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

1800 - Big Jay - 6-6 Smithton - Flint - Sedalia (99)

APR 7 1975



RECEIVED

DEC 28 1977

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

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

Quadrangle Center Point

Permit No. DOD 1780

Company MURVIN OIL CORP.
Address Box 297, Olney, Ill.
Farm F.A. Coulehan Acres 250
Location (waters) Jockey Camp Run
Well No. 1 Elev. 883
District West Union County Doddridge
The surface of tract is owned in fee by Coulehan Hrs.
Address West Union, Wv.
Mineral rights are owned by Same
Address _____
Drilling Commenced 1/16/75
Drilling Completed 8/21/75
Initial open flow _____ cu. ft. _____ bbls.
Final production 400 M cu. ft. per day 1 bbls.
Well open 8 hrs. before test 380 RP.
Well treatment details:

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	242	242	To Surface
7			
5 1/2			
4 1/2		1820	100 Sks
3			
2			
Liners Used			

Attach copy of cementing record.

Free with 1000 BBL Water 40M Sand

Coal was encountered at None Feet _____ Inches _____
Fresh water 40 Feet _____ Salt Water _____ Feet _____
Producing Sand Big Injun Depth 1690 1770

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			Surface	1318		
Sand			1318	1342		Elect. Log Tops
Shale			1342	1344		
Sand			1344	1414		
Shale			1414	1450		
Sand			1450	1460		
Shale			1460	1520		
Sand			1520	1530		
Shale			1530	1596		
Lime			1596	1628		
Sand			1628	1770		Injun Show O&G
Shale			1770	1822 TD		

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division
OIL AND GAS WELL PERMIT APPLICATION

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

DATE March 21, 1975

Surface Owner Coulehan Heirs
Address West Union, WV
Mineral Owner Coulehan Heirs
Address West Union, WV
Coal Owner none
Address _____
Coal Operator none
Address _____

Company Murvin Oil Corporation
Address P.O. Box 297, Olney, Illinois
Farm F. A. Coulehan Acres 250
Location (waters) Jockey Camp Run
Well No. 1 Elevation 883'
District West Union County Doddridge
Quadrangle Centerpoint

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 drilled. This permit shall expire if
operations have not commenced by 7-21-75.

Robert L. [Signature]
Deputy Director - Oil

INSPECTOR TO BE NOTIFIED: Richard Morris
Grantsville, W. Va. 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 August 19, 1901 by Fannie A. Coulehan made to West Union Gas Company and recorded on the 24th day of August 1901, in Doddridge County, Book 18 Page 297

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, Murvin Oil Corporation
(Sign Name) [Signature] Well Operator Agent

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey Address
of
P. O. Box 879 Well Operator
Morgantown, W. Va. 26505
AC 304-296-4461

P. O. 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.

DOD-1780
PERMIT NUMBER
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, Agent
 ADDRESS Smithville, WV ADDRESS P. O. Box 216, Glenville, WV
 TELEPHONE 477 2222 TELEPHONE 462 8122 643 4163
 ESTIMATED DEPTH OF COMPLETED WELL: 1800' ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Big Injun
 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	1800'	1800'	100 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