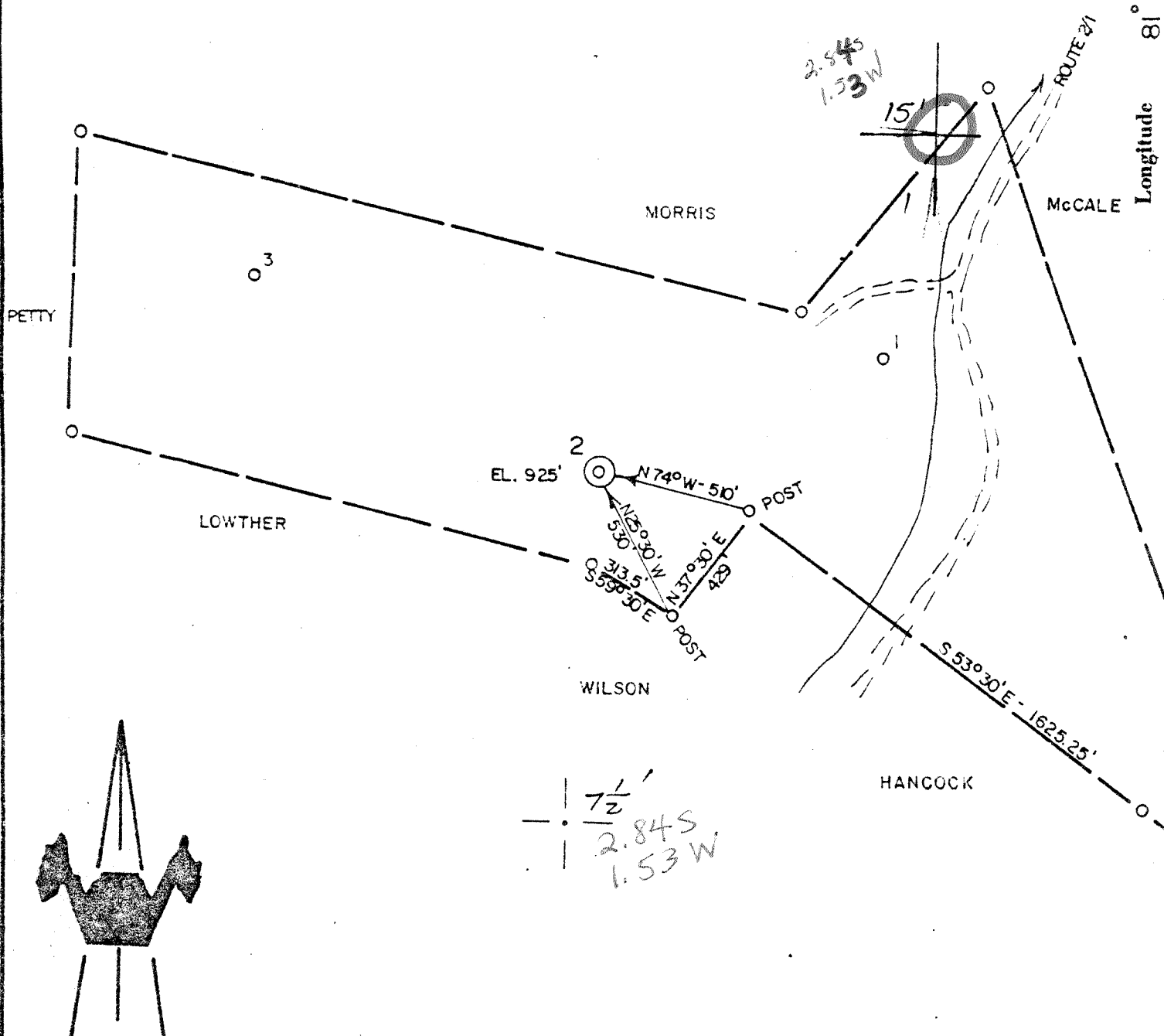


Latitude 39° 20' 00"

14 650' SOUTH
7910' WEST

39 1730
81 2145



ACCURACY: 1/200'

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

Formation GORDON

Est. Depth 2800'

Oil
 Gas
 Other _____

Source of Elevation KNOB (1063')

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 BERE A OIL & GAS CORP
 Address BUFFALO, NY
 Surface Owner ALLEN WILKINSON
 Mineral Owner " "

Well No. 2 Acres 93 *30*
 Elevation 925' *MARIETTA 15'*
 Quadrangle WILLOW ISLAND Series 7.5
 County WOOD District UNION
 Date 3/26/80 Scale 1" = 500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON 979

WELL LOCATION MAP

47 - 107 - 1111
 STATE COUNTY PERMIT
~~Formerly Wood-879~~
 + Denotes location of well on United States Topographic Maps.
 Engineer CHET WATERMAN
 Engineer's Registration No. 3788 File No. 80-174

6-6 Hendershot-Ogden (72)



RECEIVED
JAN 26 1981

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 Valley Mills
Permit No. 47 107 1111

Company Berea Oil and Gas Corp.
Address 652 Empire Bank, Clarksburg, W. Va. 26301
Farm Wilinson Acres 93
Location (waters) Bull Run
Well No. Wilkinson #2 Elev. 923
District Union County Barbour
The surface of tract is owned in fee by Allen G. Wilkinson
Address 2170 Florida St., Parkersburg, W. Va.
Mineral rights are owned by Same
Address _____
Drilling Commenced 12/9/80
Drilling Completed 12/15/80
Initial open flow 50 cu. ft. 0 bbls.
Final production 12 cu. ft. per day 1.9 bbls.
Well open _____ hrs. before test _____ 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	255	255	90 sx.
7			
5 1/2			
4 1/2	2575.4	2575.4	230 sx.
3			
2 1/2"		2328	
Liners Used			

Well treatment details:
/24/80 Gordon 2743' - 2746' 25 shots 750 bbls. water, 150 sx. 80/100 sand
459 sx, 29.49 sand 200 + 12 MCF
/24/80 Berea 2358' - 2374' 14 shots 800 bbls. water, 150 sx. 80/100 sand
500 sx. 20/40 sand 195,000 SCF of N2

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ 40 Feet _____ Salt Water _____ Feet _____
Producing Sand Berea and Gordon Depth 2358 - 2746

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand and Shale			Surface	1828		
Injun		R	1828	2020'		
Shale			2020	2368'		
Berea			2368	2376		
Shale			2376'	2725		
Gordon ✓			2725'	2756'		
Shale			2756	2853'	T.D.	

JAN 9 1981

(over)

Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks

Date 1/20/81 1981

APPROVED Berea Oil and Gas Corp. Owner

By *[Signature]* Vice President

(7110)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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DEC - 1 1980

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

November 11, 1980
DATE

Surface Owner Allen G. Wilkinson
Address 2120 Florida St., Parkersburg, W.Va.
Mineral Owner A. G. Wilkinson et al
Address _____
Coal Owner Same
Address _____
Coal Operator None
Address _____

Company Berea Oil and Gas Corp.
Address 652 Empire Bank Bldg., Clarksburg, W. Va
Farm Wilkinson Acres 93
Location (waters) Bull Run
Well No. #2 Elevation 925
District Union County Wood
Quadrangle Willow Island, Marietta,

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 8-2-81.

INSPECTOR
TO BE NOTIFIED Paul Goodnight
ADDRESS Smithville, W. Va.
PHONE 477-3660

J. G. Murray
Secretary 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 Sept. 24 1979 by Allen G. Wilkinson made to Energy Unltd., Inc. and recorded on the 11 day of October 1979 in Wood County, Book 729 Page 146

XX 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 RESOURCES
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Very truly yours,
(Sign Name) J. M. Schumacher
BEREA OIL AND GAS CORPORATION
652 Empire Bank Bldg.
Street
Clarksburg
City or Town
W. Va. 26301
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.

(Formerly: WOOD-979)

47-107-1111 PERMIT NUMBER

PERMIT BOND

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO XX DRILL _____ DEEPEN _____ FRACTURE STIMULATE _____
 DRILLING CONTRACTOR (If Known) _____ RESPONSIBLE AGENT: _____
 NAME _____ NAME Mark V. Schumacher
 ADDRESS _____ ADDRESS 652 Empire Bank Bldg., Clarksburg
 TELEPHONE _____ TELEPHONE 624-6429
 ESTIMATED DEPTH OF COMPLETED WELL: 2800 ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Gordon
 TYPE OF WELL: OIL _____ GAS _____ COMB. XX STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM

CASING AND TUBING SIZE	USED FOR DRILLING	LIFT IN WELL	CEMENT TELL UP OR SACKS - CUBIC FT.
20 - 1 1/2			
13 - 10			
9 - 5/8			
8 - 5/8	250'	250'	Surface
5 - 1/2			
4 - 1/2	2800 T.D.	2800 T.D.	400' 280 Sks. or less Perf. Top <i>seal by rule</i> Perf. Bottom <i>15.01</i>
3 - 1/2			Perf. Top _____ Perf. Bottom _____

APPROXIMATE FRESH WATER DEPTHS 150 FEET SALT WATER 1500 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