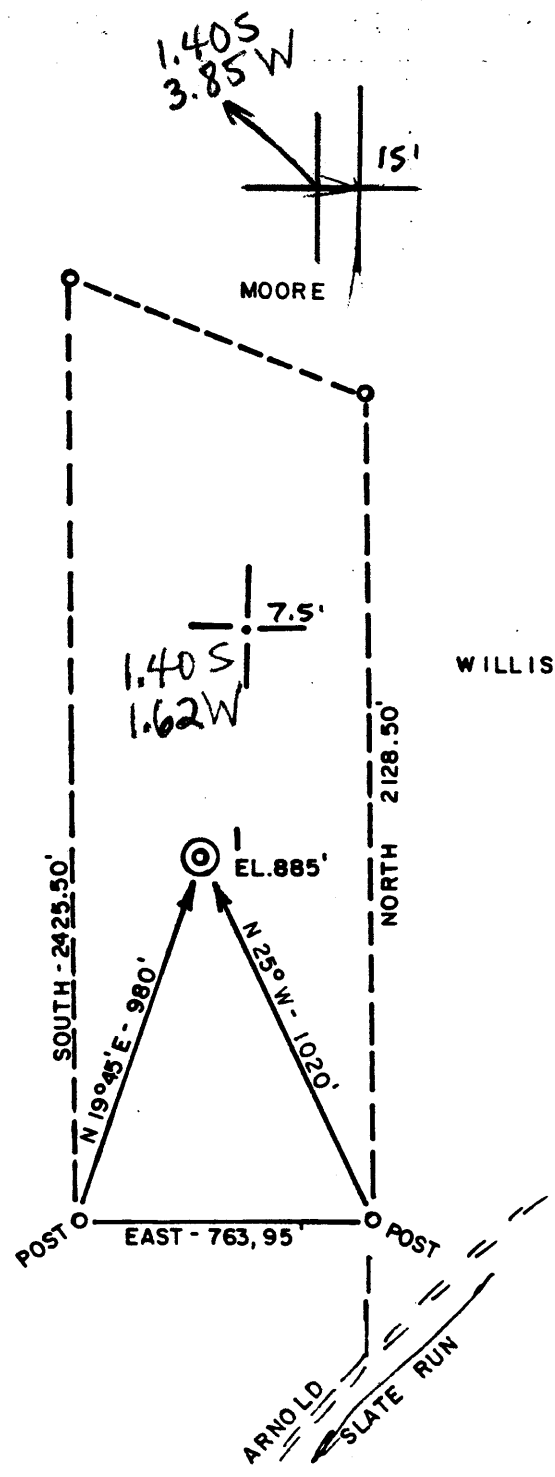


8-21

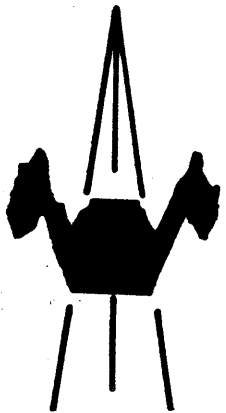
5-7-80
Card 1 OSD

Latitude 39° 20' 00"

7400' SOUTH
8550' WEST



30'
20'
22'
8°
81'
(15')
Longitude



ACCURACY: 1' / 200'

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

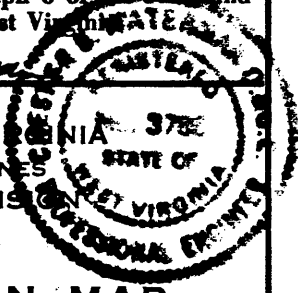
Formation GORDON Oil
 Est. Depth 2800' Gas
 Other

Source of Elevation ROUTE 31 (678')

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 code and regulations of the oil and gas section of the mining laws of West Virginia.

Company NRM Petroleum Corporation
 Address P.O. Box 816 Buckhannon W.Va. 26201
 Surface Owner LONNIE TANNER
 Mineral Owner " "
 Well No. 1 Acres 40
 Elevation 885' MARIETTA 15'
 Quadrangle VALLEY MILLS Series 7.5'
 County WOOD District UNION
 Date 4/25/80 Scale 1" = 500'

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



WELL LOCATION MAP
47 - 107 - 1018 - P
 STATE COUNTY PERMIT

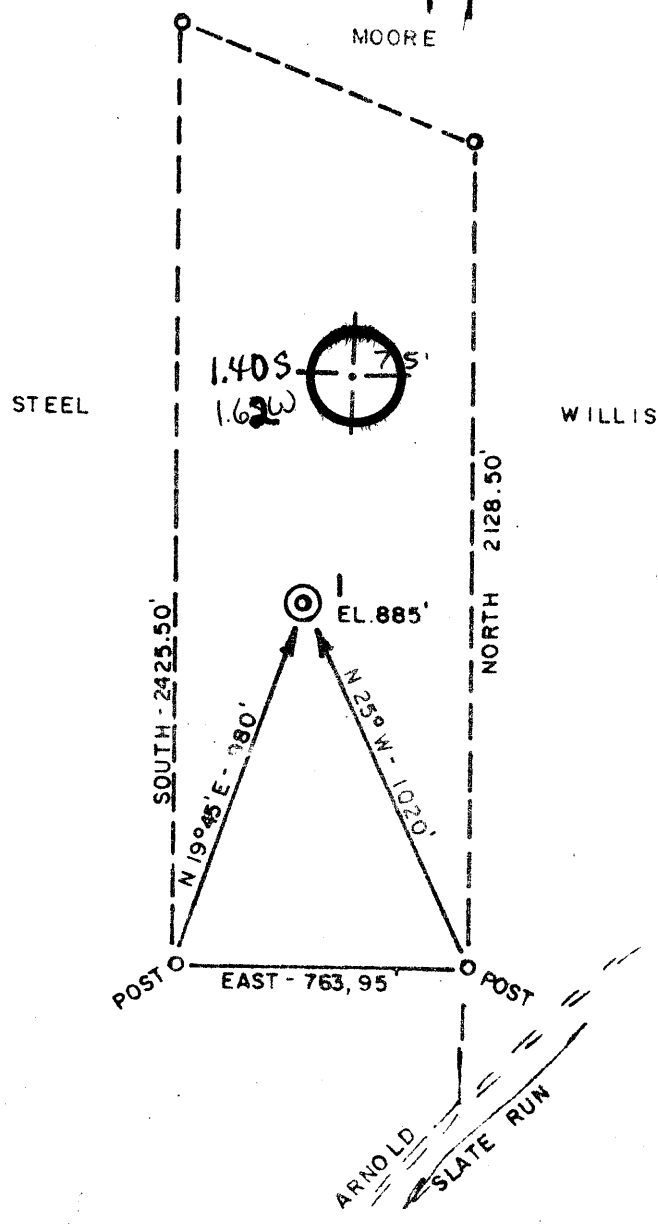
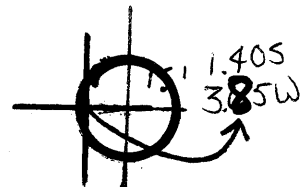
+ Denotes location of well on United States Topographic Maps.
 Engineer CHET WATERMAN 2800' GORDON
 Engineer's Registration No. 3788 File No. 80-265

8-41 CSD 170

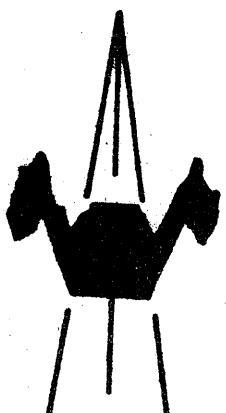
Latitude 39° 20' 00"

7400' SOUTH
8550' WEST

30"
20'
22'
81°
81°
Longitude (15')



39 18 45
80 24 00



ACCURACY: 1'/200'

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

Formation GORDON

Est. Depth 2800'

- Oil
- Gas
- Other

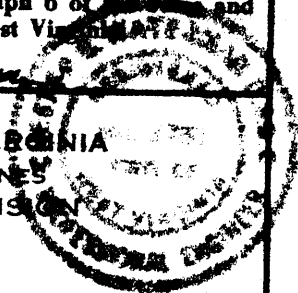
Source of Elevation ROUTE 31 (678')

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 laws and regulations of the oil and gas section of the mining laws of West Virginia.

Company BEREA OIL & GAS CORPORATION
 Address BUFFALO, NY
 Surface Owner LONNIE TANNER
 Mineral Owner " "

Well No. 1 Acres 40
 Elevation 885' MARIETTA 15'
 Quadrangle VALLEY MILLS Series 75' SC
 County WOOD District UNION
 Date 4/25/80 Scale 1" = 500'

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



WELL LOCATION MAP
47 - 107 - 1018
STATE COUNTY PERMIT

+ Denotes location of well on United States Topographic Maps.
Engineer CHET WATERMAN 2800' GORDON
Engineer's Registration No. 3788 File No. 80-265

36-b Hendershot-Ogden (72)

JUN 17 1980



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JAN 26 1981

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

WELL RECORD

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

Valley Mills 7.5
 Quadrangle _____
 47-107-1018
 Permit No. _____

Company Berea Oil and Gas Corp.
 Address 652 Empire Bank Bldg
Clarksburg, W. Va. 26301
 Farm Lonnie Tanner Acres 40
 Location (waters) Slate Run
 Well No. _____ Elev. 885
 District Union County Wood
 The surface of tract is owned in fee by Lonnie Tanner
 Address Rt. 1, Waverly, W. Va.
 Mineral rights are owned by Same
 Address _____
 Drilling Commenced 11-7-80
 Drilling Completed 11-13-80
 Initial open flow 50 cu. ft. 0 bbls.
 Final production 34 cu. ft. per day 0 bbls.
 Well open 4 hrs. before test 480# 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	273.21	273.21	90 sks.
7			
5 1/2			
4 1/2	3994.05	3994.05	430 sks.
3			
2 1 1/2"		2515	
Liners Used			

Attach copy of cementing record.

12/3/80 Gordon 2592-2612' Perf. 25 holes. 20,000 SCF N2
 920 bbls. water 5000# 20/40 sand and 15,000# 80/100 Sane

34 MCF

Coal was encountered at _____ Feet _____ Inches
 Fresh water _____ Feet _____ Salt Water _____ Feet _____
 Producing Sand Gordon Depth 2592-2612

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			Surface	1645'		
Injun			1645	1710'		
Shale			1710	2235'		
Berea			2235	2256'		
Shale			2256'	2584'		
Gordon			2584	2616'		
Shale			2616	4000'	T.D.	

4000
 2584

 1416 EXPL FT
 MAR 9 1981

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 1981

APPROVED Berea Oil and Gas Corp. Owner

By J. W. Schaefer Vice Pres.



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APR 30 1980

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE April 30, 1980
Company Berea Oil & Gas Corp.
Address See well operator below
Farm Tanner Acres 40
Location (waters) Slate Run
Well No. # 1 Elevation 885'
District Union County Wood
Quadrangle Valley Mills

Surface Owner Lonnie R. Tanner
Address Rt. # 1, Box 254, Waverly, W. Va.
Mineral Owner Lonnie R. Tanner et al.
Address _____
Coal Owner same as mineral owner
Address _____
Coal Operator none
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 1-13-81

INSPECTOR
TO BE NOTIFIED Paul Goodnight
ADDRESS Smithville, W. Va.
PHONE 304-477-3660

Robert L. Hill
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 April 2 19 80 by Lonnie R. Tanner made to Energy Unlimited, Inc. and recorded on the 3rd day of April 19 80 in Wood County, Book 735 Page 615

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

Very truly yours, Mark Schumacher
(Sign Name) Mark Schumacher
652 Empire Bank Building
Fourth & Main Streets
Street
Clarksburg,
City or Town
W. Va.
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 BOND

47-107-1018

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."

Signed by _____

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 Schumacher
 ADDRESS _____ ADDRESS Clarksburg, W. Va.
 TELEPHONE _____ TELEPHONE 304-624-6429
 ESTIMATED DEPTH OF COMPLETED WELL: 2800' ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Gordon
 TYPE OF WELL: OIL X GAS X 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 <u>XX</u>	250'	250'	Surface
7			
5 1/2			
4 1/2 <u>XX</u>	T. D.	T. D.	400'
3			Perf. Top
2			Perf. Bottom
Liners			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

RECEIVED

APR 14 1983

FORM OG-8

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

OIL & GAS DIVISION
DEPT. OF MINES

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

COAL OPERATOR OR OWNER _____
 ADDRESS _____
 COAL OPERATOR OR OWNER _____
 ADDRESS _____
 Lonnie R. Tanner
 LEASE OR PROPERTY OWNER
 Rt. 1, Box 254, Waverly, WV 26184
 ADDRESS _____

NRM Petroleum Corporation
 NAME OF WELL OPERATOR
 PO Box 816, Buckhannon, WV 26201
 COMPLETE ADDRESS
 April 12 19 83
 WELL AND LOCATION
 Union District
 Wood County
 Well No. 1
 Lonnie R. Tanner Farm

STATE INSPECTOR SUPERVISING PLUGGING.....Homer H. Dougherty.....

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Upshur } ss:

Harlen Huffman and Frank Cool
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by NRM Petroleum Corporation, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1 day of April, 1983, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			CSG PULLED	CSG LEFT IN
T.D. 2612' - 2512'	1.7 bbl. cement			273' - 8 5/8"
2512' - 1010'	6% gel			1602' - 4 1/2"
1010' - 910'	6 bbl. cement			
910' - 275'	6% gel			
275' - 225'	3 bbl. cement			
225' - 50'	6% gel			
50' - 0'	3.2 bbl. cement			
COAL SEAMS				
(NAME)			DESCRIPTION OF MONUMENT	
(NAME)			10' casing cement filled.	
(NAME)			Permit number welded on monument.	
(NAME)				

and that the work of plugging and filling said well was completed on the 5 day of April, 19 83.

And further deponents saith not.

Sworn to and subscribed before me this 12 day of April, 19 83.

My commission expires:
Jan 31, 1989

Harlen Huffman
Frank Cool
Notary Public.

Permit No. 107-1018-P

WOOD 1018-P