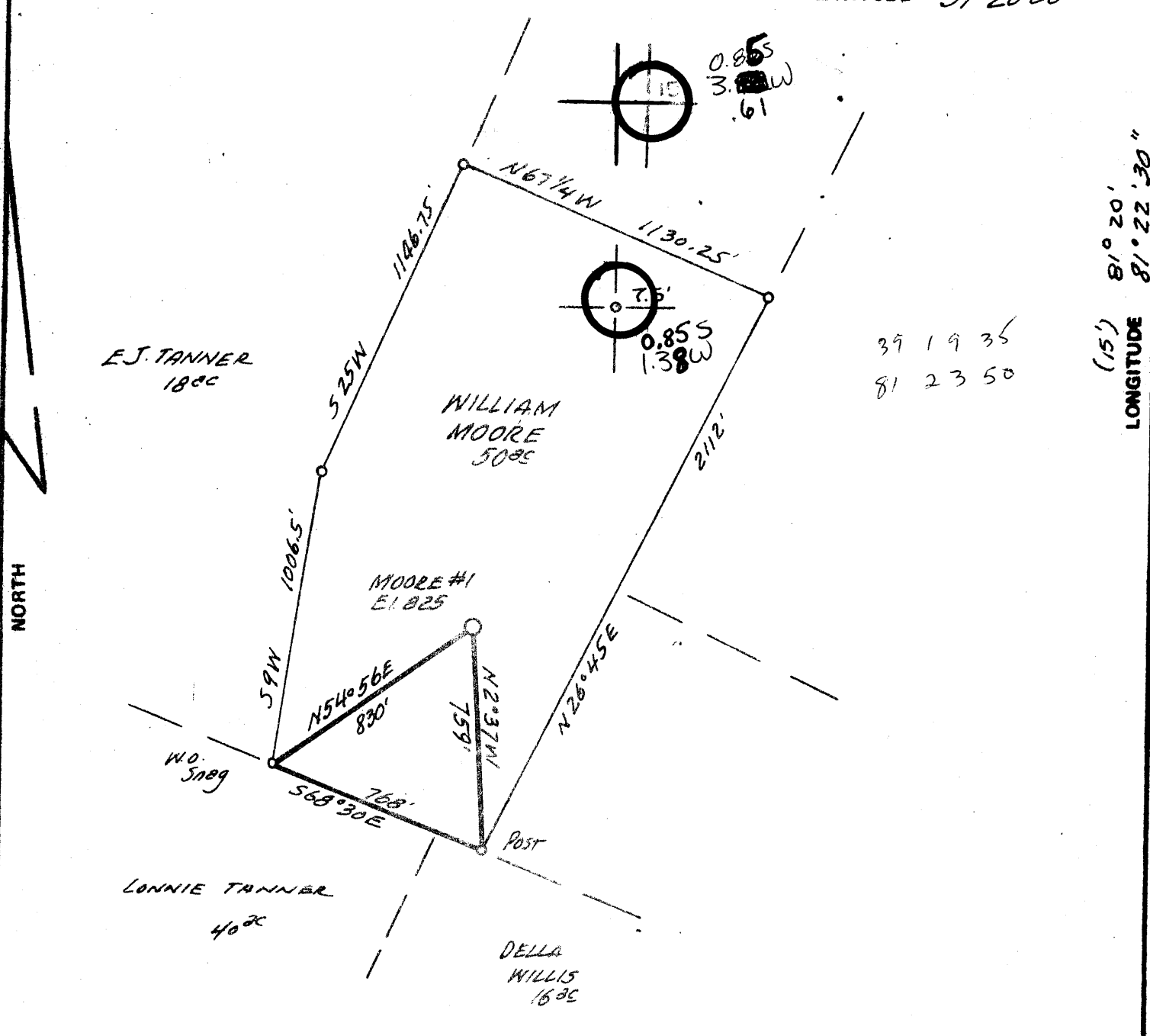


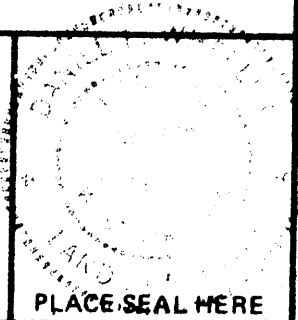
LATITUDE 39° 20' 00"

LONGITUDE 81° 22' 30" (15')



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION BM JCT 31 + 712
ELEV. 673'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) Daniel L. Wheeler
 R.P.E. _____ L.L.S. 530



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE APRIL 30, 19 80
 OPERATOR'S WELL NO. MOORE # 1
 API WELL NO. _____
47 - 107 - 1011
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE X DEEP ___ SHALLOW X
 LOCATION: ELEVATION 825 WATER SHED HAPPY HOLLOW
 DISTRICT UNION COUNTY WOOD
 QUADRANGLE VALLEY MILLS 7.5' MARIETTA 15' 30
 SURFACE OWNER WILLIAM MOORE ACREAGE 50
 OIL & GAS ROYALTY OWNER WILLIAM MOORE LEASE ACREAGE 50
 LEASE NO. _____
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION GORDON ESTIMATED DEPTH 2800
 WELL OPERATOR BEVER OIL & GAS CORP. DESIGNATED AGENT MARK SCHUMACHER
 ADDRESS 901 CHEMICAL BANK BLDG - 69 DELAWARE AVE ADDRESS ROOM 652 EMPIRE BANK BLDG
RUFFALO, N.Y. 14202 CLARKSBURG, W. VA 26301

6-9 WAVERLY

71 JUN 17 1980



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division
WELL RECORD

Quadrangle Valley Mills
Permit No. 47 107 1011

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

Company Berea Oil and Gas Corp.
Address PO Box 299 Bridgeport WV 26330
Farm Wm. Moore Acres 50
Location (waters) Happy Hollow
Well No. 1 Elev. 825 700 GL
District Union County Wood
The surface of tract is owned in fee by Wm. Moore
Address 920 32nd, Parkersburg, W. Va.
Mineral rights are owned by Same
Address _____
Drilling Commenced 8/5/80
Drilling Completed 8/8/80
Initial open flow _____ cu. ft. _____ bbls.
Final production 6 M cu. ft. per day 0 bbls.
Well open 4 hrs. before test 100# 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	258'	258'	90 sx.
7			
5 1/2			
4 1/2	2693'	2693'	240 sx.
3			
2 x 1 1/2"		2050'	
Lines Used			

Well treatment details:
2/10/81: 1st-Berea: 2090-94' (4 shots), 2104-06' (8 shots). 598 1/2 sks. 20/40 sand, 750 bbls. water.
2nd-Gordon: 2462-80' (18 shots). 598 1/2 sks. 20/40 sand. 750 bbls. water

Coal was encountered at _____ Feet _____ Inches
Fresh water 40' Feet _____ Salt Water _____ Feet _____
Producing Sand Berea and Gordon Depth 2090 Beria, 2462 Gordon

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Sand and Shale			0	1648		From KB = 765'
Injun			1648	1729		
Sand and Shale			1729	2103		
Berea			2090	2110		
Sand and Shale			2110	2455		
Gordon			2455	2482		
Sand and Shale			2482	2706		
TOTAL DEPTH				2706		

RECEIVED
JUL 16 1981
OIL & GAS DIVISION
DEPT. OF MINES

Indicates Electric Log tops in the remarks section

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



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

APR 30 1980

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION MINES

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

Surface Owner William Moore
Address 920 32nd Street, Parkersburg, W. Va.
Mineral Owner same
Address _____
Coal Owner same
Address _____
Coal Operator none
Address _____

DATE April 30, 1980
Company Berea Oil & Gas Corp.
Address See well operator below
Farm Moore Acres 50
Location (waters) Slate Run
Well No. # 1 Elevation 825
District Union County Wood
Quadrangle Valley Mills

OIL & GAS DIVISION

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.

Robert H. [Signature]
Deputy Director - Oil & Gas Division

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

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 29 1980 by William Moore made to Energy Unlimited, Inc. and recorded on the 28th day of April 1980 in Wood County, Book 737 Page 45
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

Address of Well Operator

Very truly yours, Mark Schumacher
(Sign Name) *Mark Schumacher*
Well Operator
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

47-107-1011

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 N. A.
 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

MAY 18 1983

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.

N/A
Coal Operator or Owner

Address
William Moore
Coal Operator or Owner
920 32nd St. Parkersburg, WV 26104
Address
William Moore
Lease or Property Owner
920 32nd St. Parkersburg, WV 25104
Address

Berea Oil And Gas Corp.
Name of Well Operator
P O Box 299, Bridgeport, WV 26330
Complete Address
May 16, 19 83
WELL AND LOCATION
Union _____ District _____
County _____
WELL NO. #1

W. Moore Farm

STATE INSPECTOR SUPERVISING PLUGGING Samuel N. Hushman, P. O.Box 66, Smithville, WV 26178

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Harrison ss:

Mark Schumacher and Tom Mallernee

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 Berea Oil And Gas Corp., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 11th day of May, 19 83, 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
2693'-2600' Sand & Shale	Gel	Gel Plug	0	258'
2600'-2000' Gordon, Berea			2693	1503'
2000'-1190' Sand & Shale	46.5 sks. Class A Cement	Cement Plug	2050'	0
1190'-990' Sand & Shale	Gel	Gel Plug		
990'-790' Sand & Shale	57 sks. Class A Cement	Cement Plug		
790'-590' Sand & Shale	Gel	Gel Plug		
590'-300' Sand & Shale	57 sks. Class A Cement	Cement Plug		
300'-200' Sand & Shale	Gel	Gel Plug		
200'-50' Sand & Shale	31.5 sks. Class A Cement	Cement Plug		
50'-surface Sand & Shale	Gel	Gel Plug		
	20 sks. Class A Cement	Cement Plug		
	topped off with 1 sks. Class A Cement			
	Total 213 sks. Class A Cement			
Coal Seams <u>N/A</u>		Description of Monument		
(Name)		Set 5' of 6" pipe with		
(Name)		permit # welded on pipe		
(Name)				
(Name)				

8 5/8"
4 1/2"
1 1/2"

4-1101-8300

and that the work of plugging and filling said well was completed on the 11th day of May, 19 83.

And further deponents saith not.

Mark Schumacher
Thomas W. Mallernee
Hattie E. Beard
Notary Public

Sworn to and subscribed before me this 16th day of _____, 1983.

My commission expires:
January 3, 1993

Permit No. 47-107-1011-P

5/23/83