



TOTAL UNIT ACREAGE - 252.5 CALC.

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 800'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION EL 3235 @ INT OF RTS. 32 & 32/9

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) Burl J. Smith
 R.P.E. 6988 L.L.S. _____

PLACE SEAL HERE

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



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE JANUARY 20, 19 82
 OPERATOR'S WELL NO. ALLMAN #1
 API WELL NO. 47-093-0056
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___
 LOCATION: ELEVATION 3220 WATER SHED BLACKWATER RIVER
 DISTRICT DRY FORK COUNTY TUCKER
 QUADRANGLE BLACKWATER FALLS 7.5' Davis 15' SW
 SURFACE OWNER RUTH ALLMAN ACREAGE 368
 OIL & GAS ROYALTY OWNER ALLMAN, O. TETER, STURM, W. TETER LEASE ACREAGE 252.5
 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 ORISKANY ESTIMATED DEPTH 8700'
 WELL OPERATOR BEREA OIL & GAS CORP DESIGNATED AGENT MARK SCHUMACHER
 ADDRESS 901 CHEMICAL BANK BLDG; 69 DELAWARE AVE. ADDRESS ONE BEREA PLAZA
BUFFALO, NY 14202 BRIDGEPORT, WV 26330

MAR 01 1982

RECEIVED
MAY 10 1982



IV-35
(REV 8-81)

DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date May 7, 1982
Operator's _____
Well No. Allman Unit #1
Farm Ruth Allman
API No. 47 - 093 - 0056

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil ___ / Gas X / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas," Production X / Underground Storage ___ / Deep X / Shallow ___ /)

LOCATION: Elevation: 3230' Watershed Blackwater River
District: Dry Fork County Tucker Quadrangle Blackwater Falls 7 1/2'

COMPANY Berea Oil & Gas Corp.
ADDRESS PO Box 299, Bridgeport, WV 26330
DESIGNATED AGENT Thomas E. Riley, P. E.
ADDRESS PO Box 299, Bridgeport, WV 26330
SURFACE OWNER Ruth Allman
ADDRESS Box 17 RFD, Davis, WV 26260
MINERAL RIGHTS OWNER Ruth Allman et al
ADDRESS same
OIL AND GAS INSPECTOR FOR THIS WORK Robert Stewart
ADDRESS PO Box 345, Jane Lew, WV
PERMIT ISSUED January 22, 1982
DRILLING COMMENCED March 12, 1982
DRILLING COMPLETED April 16, 1982
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON _____

Casing Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13 3/8"	286'	266.25'	100 SX
9 5/8	3365'	3342'	270 SX
8 5/8			
7			
5 1/2			
4 1/2	8673	8389	340 SX
3			
2			
Liners used			

MINERAL TARGET FORMATION Oriskany Depth 8750 feet
Depth of completed well 8673 feet Rotary X / Cable Tools _____
Water strata depth: Fresh 79' & 239' feet; Salt _____ feet
Coal seam depths: -- Is coal being mined in the area? No

WELL FLOW DATA

Producing formation Oriskany Pay zone depth 8342-8673 feet
Estimated
Gas: Initial open flow 7 M Mcf/d Oil: Initial open flow --- Bbl/d
Estimated
Final open flow 5 M Mcf/d Final open flow --- Bbl/d
Time of open flow between initial and final tests 4 hours
Estimated
Static rock pressure 2650 psig (surface measurement) after 72 hours shut in
(If applicable due to multiple completion--)
Second producing formation _____ Pay zone depth _____ feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ Mcf/d Oil: Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure _____ psig (surface measurement) after _____ hours shut in

FOF
5,000 MCF

TUCKER - 0056

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(Continue on reverse side)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

None -- natural open flow

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
From CFDL					
	Shale		0	202	2" fluid @ 79'
	Sand		202	474	2" wtr. @ 239'
	Shale		474	490	
	S & Sh		490	636	
	Siltstone		636	708	
	Sand		708	754	
	S & Sh		754	883	
	Sand		883	920	
	S & Sh		920	1008	
	Sand		1008	1042	
	Shale		1042	1080	
	Sand		1080	1092	
	Shale		1092	1150	
	Sand		1150	1224	
	Shale		1224	1240	
	Sand		1240	1316	
	S & Sh		1316	1376	
	Sand		1376	1552	
	Shale		1552	1572	
	Sand		1572	1744	
	S & Sh		1744	2124	
	Shale		2124	2152	
	Sand		2152	2192	
	Shale		2192	2368	
	Sand		2368	2376	
	Shale		2376	2402	
	Sand		2402	2433	
	Shale		2433	2706	
	Sand		2706	2770	
	Shale		2770	2782	
	Sand		2782	2788	
	Shale & Siltstone		2788	2974	
	Siltstone		2974	----	
From Density-Neutron Log					
	Siltstone		----	3092	
	Sand		3092	3242	
	Siltstone		3242	3268	
	Sand		3268	3338	

(Attach separate sheets as necessary)

SEE SECOND SHEET ATTACHED

Berea Oil & Gas Corp.
Well Operator

By: Thomas E. Riley Thomas E. Riley, P.E.
Date: 5/7/82 Manager, Engineering

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Tucker 03
56, pg. 2

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
S & Sh			3338	3680	
Shale			3680	4240	
Sand			4240	4286	
Shale			4286	4868	
Sand			4868	4904	
S & Sh			4904	5116	
Sh & Siltstone			5116	5850	
Siltstone			5850	5900	
Shale			5900	6126	
Siltstone			6126	6160	
Shale			6160	6740	
Sand			6740	6787	
Shale			6787	6900	
Siltstone			6900	6910	
Shale			6910	7708	
Tully L. S.			7708	7790	
Hamilton Sh			7790	8056	
Marcellus Sh			8056	8230	
Onondaga L. S.			8230	8274	
Huntersville Chert			8274	8315	
Needmore Sh			8315	8342	
Oriskany SS			8342	TD	gas @ 8463'
LTD		8663'			
DTD		8673'			

(Attach separate sheets as necessary)

Berea Oil & Gas Corp.
Well Operator

By: Thomas E. Riley Thomas E. Riley, Mgr., Engineering
Date: May 7, 1982

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of formations, including coal, encountered in the dri... well."

APR 18 1983



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

Oil and Gas Division

JAN 22 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE 1/20/82

Surface Owner Ruth Allman Company Berea Oil and Gas Corp.

Address Box 17 RFD, Davis, W.V. 26260 Address Box 299, Bridgeport, W. Va.

Mineral Owner Ruth Allman et al Farm Ruth Allman Acres 252.5

Address Same Location (waters) Blackwater River

Coal Owner Same Well No. Unit No. 1 Elevation 3230

Address _____ District Dry Fork County Tucker

Coal Operator None Quadrangle Blackwater Falls (7.5')

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 10-4-82.

[Signature]
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Robert Stewart
ADDRESS PO Box 345, Jane LEW WVA
PHONE 304 884-7782

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 Jan 7 1982 by Ruth Allman et al made to Berea Oil and Gas Corp and recorded on the 2 day of Nov. 1982 in Tucker County, Book 17 Page 235

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.

Very truly yours,

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

(Sign Name) Berea Oil and Gas Corporation
Box 299
Street
Bridgeport
City or Town
W. Va. 26330
State

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

Address of Well Operator

*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.

RECEIVED BOND

