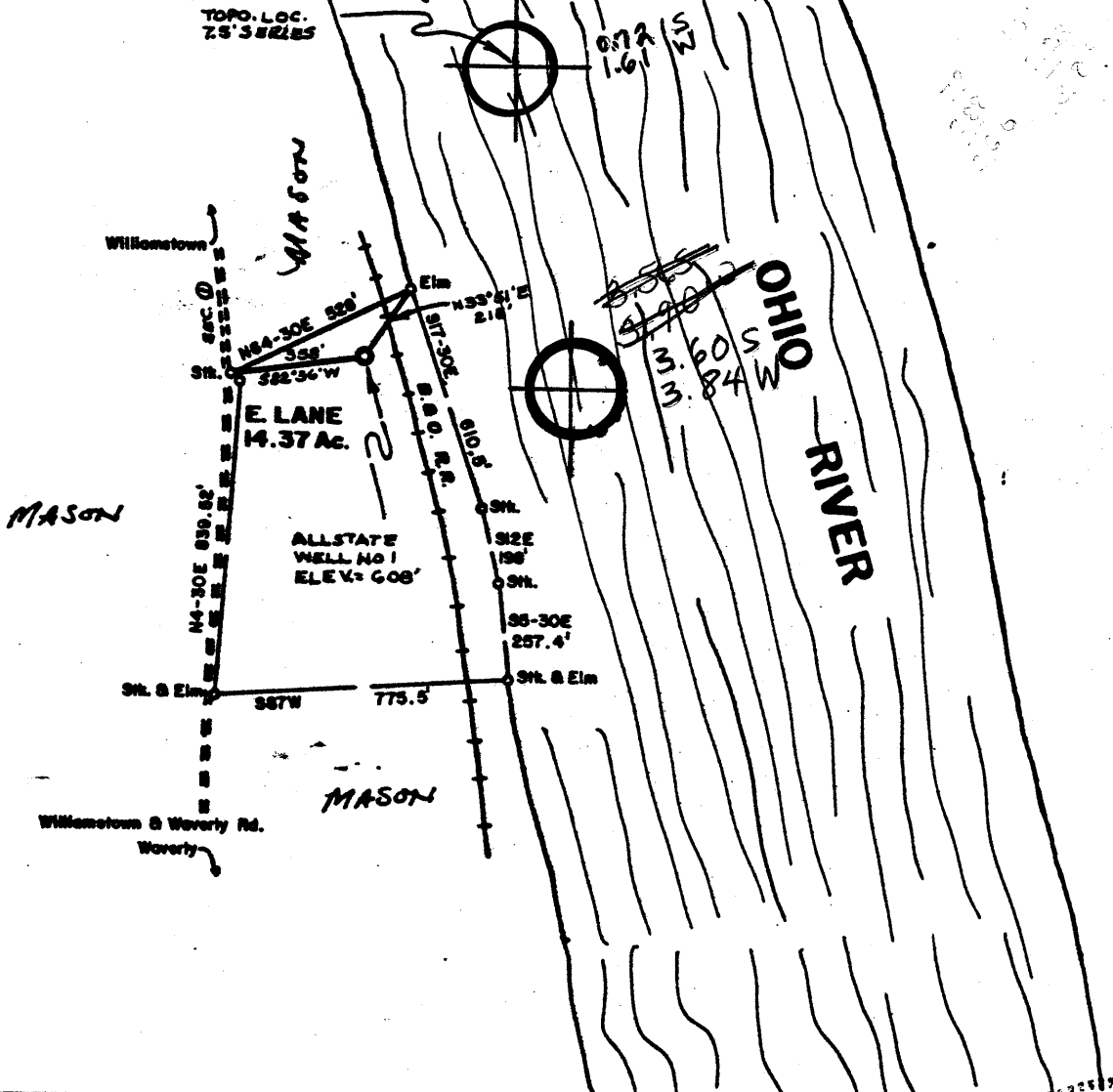


LATITUDE=39-22-30

39° 25'

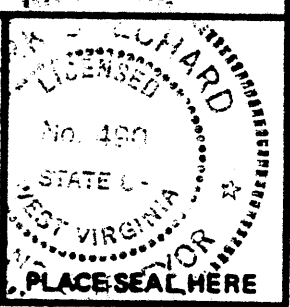
LONGITUDE=81-22-30

NORTH



FILE NO. _____
 DRAWING NO. _____
 SCALE 1 inch = 500 feet
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION USGS BM 4700 ± N. OF LOCATION - ELEV = 618.

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. *Mark C. Echard*
 (SIGNED) **MARK C. ECHARD**
 R.P.E. _____ L.L.S. 490



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



DATE NOVEMBER 12, 1980
 OPERATOR'S WELL NO. 006
 API WELL NO. 47-107-1138
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 608' WATER SHED OHIO RIVER
 DISTRICT UNION COUNTY WOOD
 QUADRANGLE VALLEY MILLS *Marietta 15' C*
 SURFACE OWNER EUGENE S. LANE, et ux, Williamstown, W.V. 26187 ACREAGE 14.37
 OIL & GAS ROYALTY OWNER EUGENE S. LANE, et ux, Williamstown, W.V. 26187 LEASE ACREAGE 14.37
 LEASE NO. _____
 PROPOSED WORK: DRILL 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 2400' ±
 WELL OPERATOR ALLSTATE ENERGY CORP. DESIGNATED AGENT MR. ELDON J. HAUGHT
 ADDRESS BOX 29 SMITHVILLE, W.V. 26178 ADDRESS BOX 29 SMITHVILLE, W.V. 26178



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
MAR 15 1984

OIL & GAS DIVISION
DEPT. OF MINES
WELL RECORD

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

Quadrangle Valley Mills
Permit No. 47-107-1138

Company <u>Allstate Energy Corp.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>PO Box 29, Smithville, WV 2617-</u>				
Farm <u>Eugene Lane</u> Acres <u>14.37</u>	Size			
Location (waters) <u>Ohio River</u>	20-16			
Well No. <u>1</u> Elev. <u>608'</u>	Cond.			
District <u>Union</u> County <u>Wood</u>	13-10"			
The surface of tract is owned in fee by _____	9 5/8			
<u>Eugene S. Lane</u>	8 5/8	200'	200'	85 sks.
Address <u>Williamstown, W. Va.</u>	7			
Mineral rights are owned by <u>Eugene S. Lane</u>	5 1/2			
Address <u>Williamstown, W. Va.</u>	4 1/2		2363'	200 sks.
Drilling Commenced <u>1-28-81</u>	3			
Drilling Completed <u>2-3-81</u> ✓	2			
Initial open flow _____ cu. ft. _____ bbls.	Liners Used			
Final production <u>450,000</u> cu. ft. per day <u>1</u> bbls.				
Well open <u>6</u> hrs. before test <u>460</u> RP.				

Well treatment details:
Dowell & B. J. Hughes Foam Frac
150,000 cu. ft. Nitrogen
54,000 LB. Sand
500 gal. 15% Acid
545 BBL Water 450 MCF + 130

Coal was encountered at _____ Feet _____ Inches
Fresh water 25 Feet _____ Salt Water 1450-1600 Feet _____
Producing Sand Gordon Depth 2254-2262

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil			0	15		
Gravel			15	22		
Sand			22	45		
Red Rock			45	80		
Sand			80	135		
Shale			135	245		
Red Rock			245	305		
Sand			305	365		
Shale			365	420		
Red Rock			420	540		
Shale			540	600		
Red Rock			600	665		
Sand			665	700		
Shale			700	770		
Sand			770	850		
Shale			850	925		
1st Salt Sand			925	990		
Shale			990	1030		
2nd Salt Sand			1030	1110		
Shale			1110	1180		
3rd Salt Sand			1180	1210		
Shale			1210	1270		
Maxton Sand			1270	1315		

MAR 26 1984

Over

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Shale			1315	1320		
Little Lime			1320	1360		
Shale			1360	1370		
Big Lime			1370	1450		
Bit Injun			1450	1600		
Shale			1600	2250		
Gordon Sand			2250	2268		
Shale			2268	2416 TD		

Date December 15 19 82

APPROVED

[Handwritten Signature]

Owner



RECEIVED

JAN 27 1981

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
Oil and Gas Division DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE January 23, 1981

Surface Owner Eugene S. Lane
Address Williamstown, W. Va.
Mineral Owner Eugene S. Lane
Address Williamstown, W. Va.
Coal Owner _____
Address _____
Coal Operator _____
Address _____

Company Allstate Energy Corporation
Address Smithville, WV 26178
Person E. Lane Acres 14.37
Location (County) Ohio River
Well No. 1 Section 6081
District Union County Wood
Quadrangle Valley Mills

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 9-29-81.

INSPECTOR
TO BE NOTIFIED K. P. Goodnight
ADDRESS Smithville, WV 26178
PHONE 477-3660

Fred B. Burdette
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 Feb. 6, 1980 by Eugene S. Lane made to Allstate Energy Corp. and recorded on the 10th day of April 1980 in Wood County, Book 736 Page 113

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 owners 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 579
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 332-5351

Very truly yours,
ALLSTATE ENERGY CORPORATION
President
P. O. Box 29
Smithville, W. Va. 26178

*SECTION 3... If no objection is filed as required by the Department of Mines within the period of ten days from the mailing of this notice and plat by the Department of Mines, to said proposed location, the Department of Mines shall have the authority to issue the title of said plat, and no objection shall be received by the Department of Mines, and that the mining operations shall be conducted in accordance with the provisions of the Code.

BLANKET BOND

