



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1/200'
 PROVEN SOURCE OF ELEVATION USGS 6M 2900' ± 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

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 NOVEMBER 14, 1980
 OPERATOR'S WELL NO. JNE
 API WELL NO. 47-107-1102
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW

LOCATION: ELEVATION 782 WATER SHED OHIO RIVER
 DISTRICT UNION COUNTY WOOD
 QUADRANGLE VALLEY MILLS 7.5 C Marietta

SURFACE OWNER FLOYD L. MASON, et UX ACREAGE 25
 OIL & GAS ROYALTY OWNER SAME AS ABOVE LEASE ACREAGE 25
 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 2500' ±
 WELL OPERATOR ALL STATE ENERGY CORP. DESIGNATED AGENT MR. EDWIN J. HANSHY
 ADDRESS P.O. BOX 29 ADDRESS P.O. BOX 29
SMITHVILLE, W. VA. 26178 SMITHVILLE, W. VA. 26178



RECEIVED

JAN 20 1981

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

WELL RECORD

Quadrangle Valley Mills

Permit No. 47-107-1102

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

Company Allstate Energy Corporation
Address Smithville, WV 26178
Farm Floyd L. Mason Acres 25
Location (waters) Ohio River
Well No. 1 (one) Elev. 782'
District Union County Wood
The surface of tract is owned in fee by _____
Floyd L. Mason
Address Williamstown, WV
Mineral rights are owned by same
Address _____
Drilling Commenced 11-17-80
Drilling Completed 11-21-80
Initial open flow _____ cu. ft. _____ bbls.
Final production 400 mc fxxx cu. ft. per day 4 bbls.
Well open 6 hrs. before test 760 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	210'	210'	65 sks.
7			
5 1/2			
4 1/2		2490'	200 sks.
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Dowell Water Frac with 1 truckload B. J. Hughes Nitrogen
45,000# Sand - 500 Gal 15% HCL - 491 BBL Water - 160,000 Cu. Ft. Nitrogen

400 MCF + 4 BOPB

Coal was encountered at _____ Feet _____ Inches
Fresh water 80 Feet _____ Salt Water 1700 Feet _____
Producing Sand Gordon Depth 2430-2434

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay			0	30		
Sand			30	110		
Red Rock			110	220		
Sand			220	300		
Red Rock			300	380		
Sand			380	450		
Slate			450	500		
Red Rock			500	650		
Slate			650	710		
Sand			710	770		
Red Rock			770	820		
Sand			820	880		
Slate			880	975		
Sand			975	1075		
Shale			1075	1085		
Sand			1085	1130		
Shale			1130	1155		
Sand			1155	1220		
Shale			1220	1250		
Sand			1250	1280		
Shale			1280	1410		
Sand			1410	1460		
Shale			1460	1490		

(over)

* Indicates Electric Log tops in the remarks section.

MAR 9 1981

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Maxton Sand			1490	1590		
Big Lime			1590	1660		
Big Injun			1660	1750		
Shale			1750	2416		
Gordon Sand			2416	2436		
Shale			2436	2520 TD		

~~2520~~
~~2100~~
~~420 ft~~
~~exploratory~~
All exploratory

DateJanuary 12

19 80

APPROVED E. J. Haight

Owner

By--President--
(Title)

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NOV 17 1980

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

TO: [Faded text]

DATE November 17, 1980
 Applicant Floyd L. Mason Company Allstate Energy Corp.
Williamstown, WV Address Smithville, WV 26178
 Operator Floyd L. Mason Farm Floyd L. Mason Acres 25
Williamstown, WV Location (waters) Ohio River
 Well No. 1 Elevation 782'
 District Union County Wood
 Quadrangle Valley Mills 7.5

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

for drilling
 Operations performed between 7-18-81
J. R. Murray

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 February 7, 1980 by Floyd L. Mason made to Allstate Energy Corp. and recorded on the 10th day of April 1980, in Wood County, Book 736 Page 115

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,
 ALLSTATE ENERGY CORPORATION
 (Sign Name) Eldon J. Haught President
Well Operator

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY
 P. O. BOX 1030
 MORGANTOWN, WEST VIRGINIA 26506
 AG-3

Address of Well Operator

P. O. Box 29 Street
Smithville City or Town
WV 26178 State

If no objection is filed or received by the Department of Mines, within said period of ten days from the receipt of notice and permit application, the Department of Mines, upon the expiration of said period, shall issue to the well operator a permit reciting the above information and that the same shall be issued by the coal operators or found therein by the department and that the same is approved and the work thereunder is permitted to be done.

Eldon J. Haught

TO BE COMPLETED BY THE APPLICANT

THIS PERMIT APPLICATION MUST BE SUBMITTED ON THIS FORM UPON COMPLETION

TO DRILL
 TO DRILL DEEPER OR REDRILL
 TO FRACTURE STIMULATE

NAME: Unknown ADDRESS: Eldon J. Haught
Smithville, WV 26178
 TELEPHONE: 477-3371
 DEPTH: 2500' WATER: CABLE TOOLS:
 OPERATOR: Gordon STORAGE: DISPOSAL:
 OTHER: WATER FILLING: OTHER:

DEPTH	FEET IN WELL	CURRENT LIFT UP OR SACKS - CUBIC FT.
	200'	70 sks <i>CTS</i>
	2500'	200 sks <i>or as reqd</i> Perf. Top <i>by rule (S.O.)</i> Perf. Bottom
		Perf. Top
		Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS _____
 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 placed 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 1, 5, and 7, Chapter 22 of the West Virginia Code.

 For Coal Company

 Official Title