

FILE NO. _____
 DRAWING NO. _____
 SCALE 1 inch = 500 feet
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION USGS BM 1300' NW of Location EL. = 628'

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)



DATE NOVEMBER 24, 1980
 OPERATOR'S WELL NO. ONE
 API WELL NO. 47-107-1109
 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 630 WATERSHED WILLIAMS CREEK
 DISTRICT WILLIAMSTOWN CORPORATION COUNTY WOOD
 QUADRANGLE MARIETTA OHIO - W.VA. *WC*
 SURFACE OWNER BERTHA ROWELL ACREAGE 21.46
 OIL & GAS ROYALTY OWNER BERTHA ROWELL LEASE ACREAGE 43.06
 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 2900'
 WELL OPERATOR ALLSTATE ENERGY CORP. DESIGNATED AGENT MR. ELDON J. HAUGHT
 ADDRESS P.O. BOX 29 SMITHVILLE, W.V. 26178 ADDRESS P.O. BOX 29 SMITHVILLE, W.V. 26178

JAN 2 1981



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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MAR 13 1984

OIL & GAS DIVISION

Oil and Gas Division DEPT. OF MINES

WELL RECORD

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

Quadrangle Marietta, Ohio-W. Va.

Permit No. 47-107-1109

Company Allstate Energy Corp.
 Address PO Box 29, Smithville, WV 26178
 Farm Bertha M. Rowell Acres 43
 Location (waters) Ohio River
 Well No. 1 Elev. 661'
 District Williams County Wood
 The surface of tract is owned in fee by _____
Bertha M. Rowell
 Address Williamstown, W. Va.
 Mineral rights are owned by Same
 Address _____
 Drilling Commenced 12-12-80
 Drilling Completed 12-19-80 ✓
 Initial open flow _____ cu. ft. _____ bbls.
 Final production 50,000 cu. ft. per day 1 bbls.
 Well open 8 hrs. before test 860 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. <u>1300</u> " 11 3/4"	190'	190'	125 sks.
9 5/8			
8 5/8	1606	606	35 sks.
7			
5 1/2			
4 1/2		4030	405 sks.
3			
2			
Liners Used			

Well treatment details:

B. J. Hughes Nitrogen Frac
1,080,000 cu. ft. Nitrogen
500 gal. 15% Acid

Attach copy of cementing record.

50 MCF + 180

Coal was encountered at _____ Feet _____ Inches
 Fresh water 30 Feet _____ Salt Water 1400 Feet _____
 Producing Sand Shale Huron Depth 3590-3950

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil			0	20		
Sand			20	60		
Shale			60	105		
Red Rock			105	220		
Shale			220	310		
Sand			310	380		
Red Rock			380	475		
Shale			475	530		
Sand			530	590		
Red Rock			590	675		
Shale			675	705		
Sand			705	760		
Shale			760	825		
Sand			825	900		
Shale			900	990		
1st Salt Sand			990	1050		
Shale			1050	1110		
2nd Salt Sand			1110	1180		
Shale			1180	1220		
3rd Salt Sand			1220	1250		
Shale			1250	1275		
Maxton Sand			1275	1300		
Shale			1300	1310		

MAR 26 1984

(over)

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Big Lime			1310	1390		
Big Injun			1390	1540		
Shale			1540	2238		
Gordon Sand			2238	2254		
Shale			2254	4050 TD		Huron @ TD

Date April 21 19 81

APPROVED Eldon J. Haupt Owner



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

NOV 25 1980

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE 11-22-80
Company Allstate Energy Corp
Address P.O. Box 29 Smithville WV 26178
Farm Bertha M. Rowell Acres 43
Location (waters) Ohio River
Well No. -1- Elevation _____
District Williams County Wood
Quadrangle Marietta Ohio - W.Va

Surface Owner Bertha M. Rowell
Address East 9th Street Williamsonstown W.V
Mineral Owner Same
Address _____
Coal Owner N/A
Address _____
Coal Operator _____
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 7-25-81.

INSPECTOR
TO BE NOTIFIED K. P. Goodnight
ADDRESS Smithville WV 26178
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 Feb 21st 1980 by Bertha M Rowell made to Allstate Energy Corp. and recorded on the 10th day of April 1980, in Wood County, Book 736 Page 111

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,
Allstate Energy Corp
(Sign Name) Eldon J. Haught
Well Operator
P.O. Box 29
Street
Smithville WV 26178
City or Town
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.

47-107-1109

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 Eldon J. Haught

BLANKET BOND

**THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION**

PROPOSED WORK ORDER TO DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME Gene Stalwaker Inc NAME Eldon J. Hought
 ADDRESS Glenville WV ADDRESS P.O. Box 29 Smithville WV 26178
 TELEPHONE 462-5761 TELEPHONE 477-3321
 ESTIMATED DEPTH OF COMPLETED WELL: 2900 ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Gordon
 TYPE OF WELL: OIL _____ GAS _____ COMB. 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 <u>11 3/4</u>		<u>200</u>	<u>100 SRS</u>
9 - 5/8			
8 - 5/8 <u>8 3/4</u>		<u>1750</u>	<u>25 SRS</u>
7			
5 1/2			
4 1/2 <u>4 1/2</u>		<u>2900</u>	<u>200 SRS</u>
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 80 FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS _____
 IS COAL BEING MINED IN THE AREA? N/A 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

WR-38
DATE:

API# 47-107-1109

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, 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.

Farm name: Bertha Rowell Operator Well No.: 47-10701109

LOCATION: Elevation: 630 Quadrangle: Marietta-Ohio WVA
District: Williamstown Corp. County: Wood
Latitude: 330 342.85 Feet South of 39 Deg. 23 Min. 23 Sec. 2
Longitude: 1419450.03 Feet West of 81 Deg. 26 Min. 33 Sec.

Well Type: OIL GAS

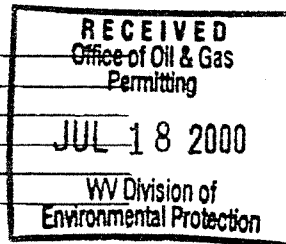
Company: Alan Stone Co., Inc.
PO Box 127
Chesterhill, Ohio
43728

Coal Operator or Owner N/A

Coal Operator or Owner N/A

Agent: Claudia S. Staley

Permit Issued Date: 6/22/00



AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Wood ss:

Millard Carper and Tim Nutter 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 the above named well operator, and participated in the work of plugging and filling the above well, and Larry Parrish Oil and Gas Inspector representing the Director, say that said work was commenced on the 28 day of 6, ~~2000~~ and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
<u>4 1/2</u>	<u>Top</u>	<u>975</u>	<u>975</u>	<u>3055</u>
<u>8 5/8 Casings</u>	<u>4050</u>	<u>3950</u>		
<u>8 5/8 "</u>	<u>2500</u>	<u>2400</u>		
<u>8 5/8 "</u>	<u>1300</u>	<u>1200</u>		
<u>4 5/8 "</u>	<u>940</u>	<u>840</u>	<u>10"</u>	
<u>4 5/8 "</u>	<u>600</u>	<u>500</u>		
<u>5 1/2 "</u>	<u>200</u>	<u>100</u>		
<u>2 7/8 "</u>	<u>50</u>	<u>0</u>		

Jelly spacer between plugs
Description of monument: 8' of 6 5/8" - 5' above ground and that the work of plugging and filling said well was completed on the 28 day of 6, ~~2000~~ + API #s on pipe

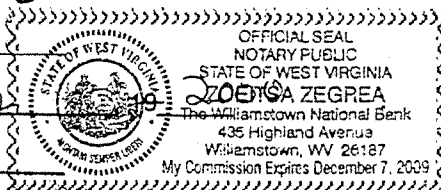
And further deponents saith not. Millard E Carper

Sworn and subscribe before me this 11 day of July

My commission expires: Dec 7, 2009

Zoetisa Zegrea
Notary Public

Oil and Gas Inspector: Larry Parrish



WOOD 1109

JUL 21 2000