



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

Quadrangle Harrisville

Permit No. 47-085-5759

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

Company Allstate Energy Corporation
Address Smithville, WV 26178
Farm Jack Morris Acres 21.75
Location (waters) Third Run
Well No. 1-66 Elev. 960'
District Union County Ritchie
The surface of tract is owned in fee by _____
Jack Morris
Address Harrisville, WVa
Mineral rights are owned by Jack Morris
Address Harrisville, WVa
Drilling Commenced 7-17-82
Drilling Completed 7-20-82
Initial open flow _____ cu. ft. _____ bbls.
Final production 210,000 cu. ft. per day 1 bbls.
Well open 6 hrs. before test 550 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	218	218	65 sks.
7			
5 1/2			
4 1/2		2067	150 sks.
3			
2			
Liners Used			

Attach copy of cementing record.

Well treatment details:
Halliburton Water Frac
80,000# Sand
1,000 Gas Acid
800 BBL Water

AID MCF + 180PP

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Big Injun Depth 1940 - 2022

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil			0	12		
Sand			12	60		
Red Rock			60	155		
Shale			155	210		
Sand			210	295		
Red Rock			295	410		
Shale			410	485		
Red Rock			485	555		
Shale			555	610		
Sand			610	700		
Red Rock			700	805		
Shale			805	885		
Sand			885	950		
Shale			950	1110		
Sand			1110	1330		
Shale			1330	1390		
Sand			1390	1450		
Shale			1450	1470		
Sand			1470	1505		
Shale			1505	1715		
Sand			1715	1740		
Shale			1740	1810		
Little Lime			1810	1830		
Shale			1830	1835		

RECEIVED

JAN 28 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

FEB 14 1983

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Big Lime			1835	1910		
Big Injun			1910	2020		
Shale			2020	2102 TD		

Date October 7 1982

APPROVED Eldon A. Gault Owner

5822 2 1982



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
JUL 15 1982
OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division
OIL AND GAS WELL PERMIT APPLICATION

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

DATE 7-12-82

Surface Owner Jack Morris
Address Harrisville, WV 26362
Mineral Owner Jack Morris, et al
Address Harrisville, WV 26362
Coal Owner _____
Address _____
Coal Operator _____
Address _____

Company Allstate Energy Corporation
Address Smithville, WV 26178
Farm Morris Acres 21.75
Location (waters) Third Run
Well No. #1-66 Elevation _____
District Union County Ritchie
Quadrangle Harrisville, 7.5'

THIS PERMIT MUST BE POSTED AT THE WELL SITE
ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,
ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY
drilling THIS PERMIT SHALL EXPIRE
APPROVED FOR _____
IF OPERATIONS HAVE NOT COMMENCED BY 3-16-83
BY [Signature]

INSPECTOR
TO BE NOTIFIED Sam Hersman
ADDRESS Smithville, WV 26178
PHONE 477-3597

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 6 1982 by Jack & Leonitine Morris made to Allstate Energy Corp. and recorded on the 6th day of April 1982 in Ritchie County, Book 135 Page 298

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,
(Sign Name) [Signature] ALLSTATE ENERGY CORPORATION
Well Operator President

PO Box 29
Street
Smithville,
City or Town
WV 26178
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

47-085-5759

PERMIT NUMBER

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

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Unknown _____ NAME Eldon J. Haught _____
 ADDRESS _____ ADDRESS Smithville, WV 26178 _____
 TELEPHONE _____ TELEPHONE 477-3371 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 2100' _____ ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Injun _____
 TYPE OF WELL: OIL _____ GAS _____ 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		200'	to surface
7			
5 1/2			
4 1/2		2050'	200 sks.
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 80 FEET _____ SALT WATER 510 FEET _____
 APPROXIMATE COAL DEPTHS none _____
 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

 Official Title