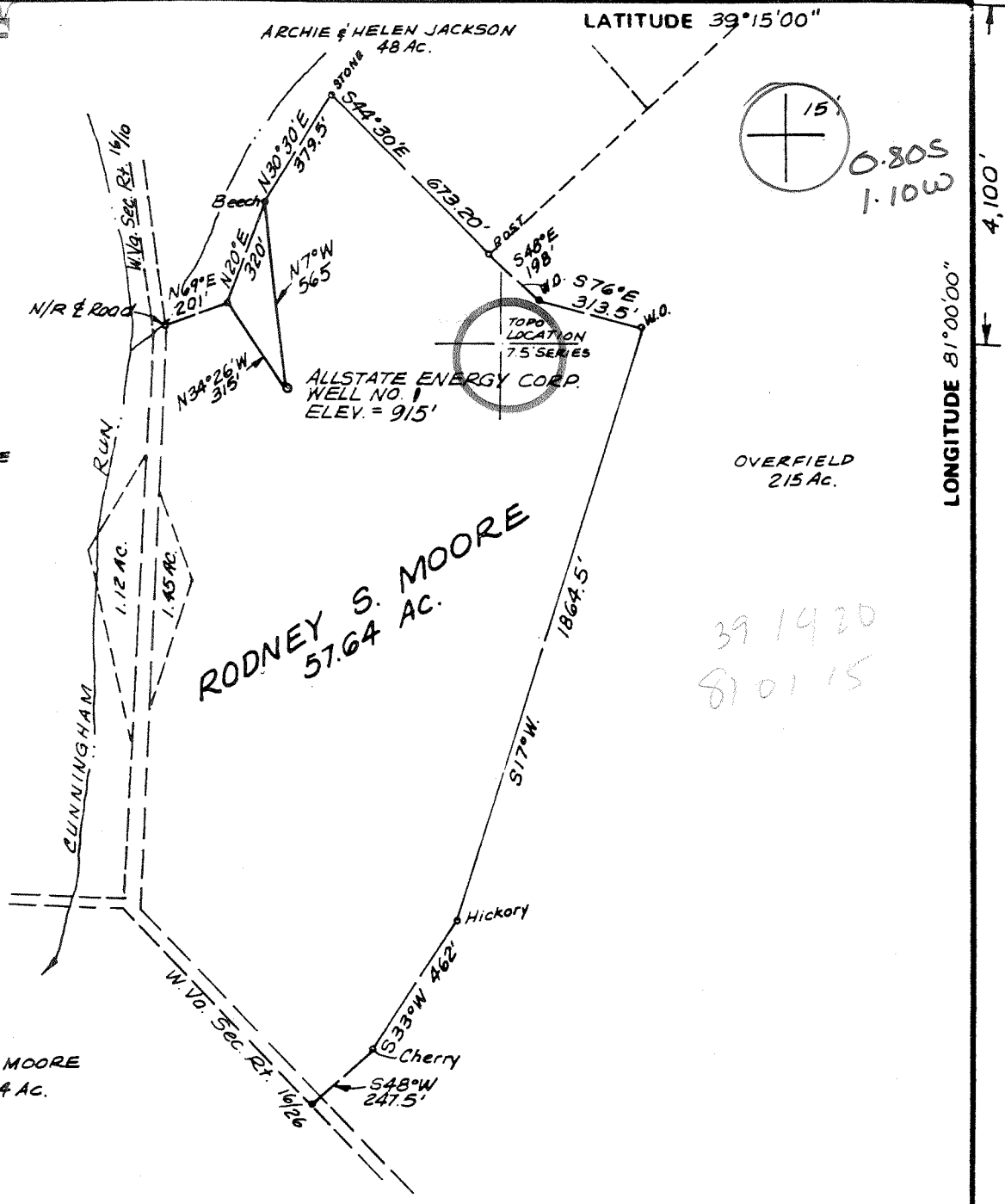


NORTH



FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION BM AT INTERSECTION RT. 16th & RT. 12, ELEV. = 725'

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 SEPTEMBER 17, 1981
 OPERATOR'S WELL NO. ONE
 API WELL NO. _____
47 - 085 - 5314
 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 915' WATER SHED CUNNINGHAM RUN
 DISTRICT CLAY COUNTY RITCHIE
 QUADRANGLE HARRISVILLE 7.5' & 15 NE
 SURFACE OWNER RODNEY S. MOORE ACREAGE 57.64
 OIL & GAS ROYALTY OWNER RODNEY S. MOORE LEASE ACREAGE 165
 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 INJUN ESTIMATED DEPTH 2300'
 WELL OPERATOR ALLSTATE ENERGY CORP. DESIGNATED AGENT MR. ELDON J. HAUGHT
 ADDRESS P.O. BOX 29 SMITHVILLE, W.VA. 26178 ADDRESS P.O. BOX 29 SMITHVILLE, W.VA. 26178

NOV 5 1981

6-6 GOOSENECK



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

Quadrangle Harrisville

Permit No. 47-085-5314

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

Company Allstate Energy Corporation
Address PO Box 29, Smithville, WV 26178
Farm Rodney Moore Acres 165
Location (waters) Cunningham Run
Well No. 1-48 Elev 890'
District Clay County Ritchie
The surface of tract is owned in fee by _____
Rodney S. Moore
Address Harrisville, WV 26362
Mineral rights are owned by same
Address _____
Drilling Commenced 10-28-81
Drilling Completed 10-30-81
Initial open flow _____ cu. ft. _____ bbls.
Final production 200,000 cu. ft. per day 1/2 bbls.
Well open 6 hrs. before test 640 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	300'	300'	90 sks.
7			
5 1/2			
4 1/2	2087	2087	120 sks.
3			
2			
Liners Used			

Well treatment details:
Dowell Water Frac
45,000# Sand 560 BBL Water

Attach copy of cementing record.

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Injun Depth 1900-1976

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil			0	10		<p>RECEIVED</p> <p>JAN 19 1982</p> <p>OIL AND GAS DIVISION WV DEPARTMENT OF MINES</p> <p>FEB 01 1982</p>
Red Rock			10	60		
Sand			60	175		
Slate			175	250		
Red Rock			250	325		
Sand			325	400		
Slate			400	460		
Red Rock			460	545		
Slate			545	610		
Red Rock			610	690		
Sand			690	760		
Red Rock			760	875		
Sand			875	925		
Shale			925	1000		
Sand			1000	1090		
Shale			1090	1180		
Sand			1180	1270		
Shale			1270	1390		
Sand			1390	1440		
Shale			1440	1460		
Sand			1460	1490		
Shale			1490	1580		
Sand			1580	1610		

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Shale			1610	1660		
Sand			1660	1670		
Shale			1670	1715		
Sand			1715	1810		
Big Lime			1810	1890		
Big Injun			1890	1980		
Shale			1980	2100 TD		

Date January 12, 1982

APPROVED

Robert J. [Signature]

Owner



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

OCT 16 1981

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE October 15, 1981

Surface Owner Rodney S. Moore
Address Harrisville, WV 26362
Mineral Owner Rodney S. Moore
Address Harrisville, WV 26362
Coal Owner _____
Address _____
Coal Operator _____
Address _____

Company Allstate Energy Corporation
Address PO Box 29, Smithville, WV 26178
Farm Rodney Moore Acres 165
Location (waters) Cunningham Run
Well No. 1-48 Elevation 890'
District Clay County Ritchie
Quadrangle Harrisville 7.5'

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 6-21-82.

INSPECTOR
TO BE NOTIFIED Deo Mace
ADDRESS Sandridge, WV
PHONE _____

J. H. Haggerty
Deputy Director - Oil and 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 March 6, 1981 by Rodney S. & Sharon L. Moore made to Allstate Energy Corp. and recorded on the 9th day of March 1981 in Ritchie County, Book 134 Page 398
 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) Allen G. Staught 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.

47-085-5314

PERMIT NUMBER

BLANKET BOND

