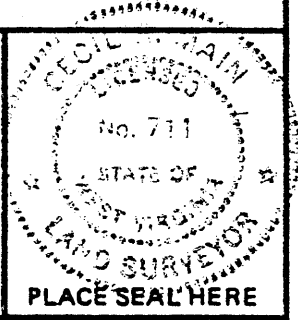


FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION ALLEGHENY LAND and MINERAL CO. WELL # A-65
ELEVATION 1007'

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.
 (SIGNED) Cecil R. Main
 R.P.E. _____ L.L.S. 711



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



DATE FEBRUARY 20th, 19 81
 OPERATOR'S WELL NO. A-943
 API WELL NO. _____
47 - 021 - 3762
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 980' WATER SHED MIKES RUN
 DISTRICT CENTER COUNTY GILMER
 QUADRANGLE NORMANTOWN T.5 Glenville Wc
 SURFACE OWNER CECIL PUGH ACREAGE 116.75 Ac.
 OIL & GAS ROYALTY OWNER EDDIE HARRIS LEASE ACREAGE 116.75 Ac.
 LEASE NO. 1876
 PROPOSED WORK: DRILL X 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 BEREA ESTIMATED DEPTH 2600'
 WELL OPERATOR ALLEGHENY LAND and MINERAL CO. DESIGNATED AGENT ALLEGHENY LAND and MINERAL CO.
 ADDRESS P.O. BOX 1740 ADDRESS P.O. BOX 1740
CLARKSBURG, WEST VIRGINIA 26301 CLARKSBURG, WEST VIRGINIA 26301

6-6 Stumptown-Normantown-Shock (180)

MAY 04 1981



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL and GAS DIVISION

Quadrangle Normantown 7.5'

Permit No. 47-021-3762

Rotary xxx Oil _____
Cable _____ Gas xxx
Recycling _____ Comb. _____
WaterFlood _____ Storage _____
Disposal _____
(Kind)

Company <u>Allegheny Land & Mineral Co.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>P. O. Box 1740, Clarksburg, W.Va. 26301</u>	Size			
Farm <u>Harris</u> Acres <u>116.75</u>	20-16			
Location (water) <u>Mikes Run</u>	Cond. 12"	15'	15'	
Well No. <u>A-943</u> Elev. <u>980'</u>	13-10"			
District <u>Center</u> County <u>Gilmer</u>	9 5/8			
The surface is owned in fee by <u>Cecil Paugh, Jr.</u>	8 5/8	923'	923'	cement to surface
Address <u>Star Rt. 3, Box 6-A, Suptown, W.Va.</u>	7			
Mineral rights are owned by <u>Eddrie Harris etal</u>	5 1/2			
Address <u>1619 Washington Blvd., Belpre, Ohio</u>	4 1/2	2069'	2069'	w/100 sks. 1500'
Drilling Commenced <u>June 9, 1981</u>	3			
Drilling Completed <u>June 15, 1981</u>	2			
Initial open flow _____ cu.ft. _____ bbls.	Liners Used			
Final production <u>231M</u> cu.ft. per day _____ bbls.				
Well open <u>4</u> hrs before test <u>150#</u> RP.				

Well treatment details:

Attach copy of cementing record.

Big Injun sand treated w/500 gal 15% HCL Total Fluid 771bbls 60,000# 20/40

Coal was encountered at 1103-1106 Feet _____ Inches _____
Fresh water none Feet _____ Salt water _____ Feet _____
Producing Sand Injun 1872-1946 Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	*Remarks
Soil			0	15		
Shale			15	108		
Red Rock			108	113		
Sand			113	117		
Shale			117	119		
Red Rock			119	123		
Shale			123	127		
Red Rock			127	132		
Shale			132	133		
Red Rock			133	140		
Sand			140	143		
Red Rock			143	149		
Sand & Shale			149	166		
Red Rock			166	177		
Shale			177	179		
Red Rock			179	186		
Shale			186	197		
Red Rock			197	209		
Shale			209	320		
Red Rock			320	335		

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OCT 19 1981

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	*Remarks
Shale			335	384		
Red Rock			384	396		
Shale			396	415		
Red Rock			415	421		
Shale & Red Rock			421	880		
Sand & Shale			880	1103		
Coal			1103	1106		
Sand & Shale			1106	1787		
Big Lime			1787	1872		
Injun Sand			1872	1946		
Sand & Shale			1946	2454 T.D.		

Well was Fractured August 24, 1981
 Perforations: 1920' - 1929 16 holes

Date: October 16, 1981, 1981

APPROVED

Al J. Sabatino

Owner

Vice President Oil & Gas Productions



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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FEB 26 1981

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 February 25, 1981

ALLEGHENY LAND AND MINERAL COMPANY

Surface Owner Cecil Paugh, Jr.

Company P. O. Drawer 1740

Address Star Route 3, Box 6-A, Suptown, W. Va. 25280

Address Clarksburg, West Virginia 26301

Mineral Owner Eddrie Harris, et al

Farm Harris Acreage 116.75

Address 1619 Washington Blvd., Belpre, Ohio 45714

Location (waters) Mikes Run

Coal Owner Same as Mineral Owner

Well No. A-943 Elevation 980'

Address

District Center County Gilmer

Coal Operator

Quadrangle Normantown 7.5'

Address

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, INSPECTOR
of the W. Va. Code, the location is hereby approved TO BE NOTIFIED
for Drilling. This permit shall expire if
operations have not commenced by 12-22-81. PHONE 477-3660

K. Paul Goodnight
Smithville, W. Va. 26178

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 January 25 1980 by Eddrie
Harris et al made to Allegheny Land & Mineral Co and recorded on the 21st day of February
1990, in Gilmer County, Book 309 Page 534
XXX 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
own the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

(Sign Name) ALLEGHENY LAND AND MINERAL COMPANY

BY: Daniel L. Wheeler

OFFICE OF OIL AND GAS
1615 Washington Street, East
Charleston, West Virginia
Area Code 304 348-3092 348-3096

Address
of
Well Operator

Daniel L. Wheeler
Vice President
P. O. Box 1740
Clarksburg, West Virginia 26301

*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.

47-021 3762 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 Daniel L. Wheeler

BLANKET BOND

F. Sumner

