



FILE NO. 423
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION ALLEGHENY LAND and MINERAL Co. WELL # A-258
ELEVATION 960'

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

CECIL R. MAIN
 LICENSED
 No. 711
 STATE OF WEST VIRGINIA
 LAND SURVEYOR
 PLACE SEAL HERE

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



DATE JANUARY 5th, 19 81
 OPERATOR'S WELL NO. A-999
 API WELL NO. _____
47 - 017 - 3005
 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 1280' WATER SHED TALKINGTON FORK
 DISTRICT McCLELLAN COUNTY DODDRIDGE
 QUADRANGLE FOLSOM T.S. centerpoint NE
 SURFACE OWNER KOPPERS COMPANY, INC. ACREAGE 208 Ac.
 OIL & GAS ROYALTY OWNER ABRAHAM TALKINGTON LEASE ACREAGE 208 Ac.
 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 FIFTH ESTIMATED DEPTH 4000'
 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

6-4 Smithton-Flint-Sedalia (99)

CG-10
9-71



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL and GAS DIVISION DEPT. OF MINES
WELL RECORD

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

Quadrangle Folson 7.5'
Permit No. 47-017-3005

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>				
Farm <u>Abraham Talkington</u> Acres <u>208</u>				
Location (water) <u>Talkington Fork</u>	Size			
Well No. <u>A-999</u> Elev. <u>1280'</u>	<u>20-16</u>			
District <u>McClellan</u> County <u>Doddridge</u>	Cond.			
The surface is owned in fee by <u>Koppers Co., Inc.</u>	<u>13-10"</u>			
	<u>9 5/8</u>			
Address <u>Koppers Bldg, Pittsburgh, Pa.</u>	<u>8 5/8</u>	<u>1288'</u>	<u>1288'</u>	<u>w/150 sks. to surface</u>
Mineral rights are owned by <u>A. Talkington, heirs</u>	<u>7</u>			
Address <u>Rt. 2 Box 52, West Union, WV</u>	<u>5 1/2</u>			
Drilling Commenced <u>May 28, 1981</u>	<u>4 1/2</u>	<u>3180'</u>	<u>3180'</u>	<u>w/275 sks. 1900'</u>
Drilling Completed <u>June 6, 1981</u>	<u>3</u>			
Initial open flow show _____ cu. ft. _____ bbls.	<u>2</u>			
Final production <u>193M</u> cu. ft. per day _____ bbls.	Liners Used			
Well open <u>4</u> hrs before test <u>150#</u> RP.				

Well treatment details: Attach copy of cementing record. *193M EF*
 4th Sand treated w/500 gal 15% HCL 697 bbls total fluid 55,000# 20/40
 Berea Sand treated w/500 gal 15% HCL 565 bbls total fluid 45,000# 20/40
 Big Injun sand treated w/ 500 gal 15% HCL 763 bbls total fluid 60,000# 20/40

Coal was encountered at <u>930-980</u> Feet _____ Inches _____
Fresh water <u>None</u> Feet _____ Salt water _____ Feet _____
Producing Sand _____ Depth _____

Big Injun 2346-62 Berea 2733-38 4th 3024-50

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	*Remarks
Clay			0	3		
Shale			3	8		
RR & Shale			8	68		
Sand			68	73		
RR & Shale			73	231		
Sand			231	266		
Sand & Shale			266	490		
Sand, Shale & RR			490	930		
Coal			930	980		
Sand			980	1039		
Sand & Lime			1039	1046		
Sand & Shale			1046	1068		
Lime			1068	1107		
Sand & Shale			1107	1185		
Lime			1185	1196		
Shale			1196	1230		
Sand & Shale			1230	2163		
L. Lime			2163	2177		
Pencil Cave			2177	2206		
Big Lime			2206	2338		

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Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	*Remarks
Big Injun			2338	2366		
Pocono Sand			2366	2402		
Shale			2402	2732		
Berea Sand			2732	2740		
Shale			2740	2970		
Gordon Sand			2970	2991		
Shale			2991	3023		
Sand	4+4		3023	3053		
Shale			3053	3315 T.D.		

Well was Fractured June 18, 1981 by Halliburton

Perforations: 2346' - 2362' 16 holes
 2733' - 2738' 15 holes
 3024' - 3032' 8 holes
 3042' - 3050' 8 holes

Date: August 6, 1981

APPROVED

A. J. Sabat
 Vice President Oil & Gas Productions



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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 April 8, 1981

Surface Owner Koppers Company, Inc.
Address Koppers Building, Pittsburgh, PA 15219
Mineral Owner A. Talkington Hrs. Charlene Underwood, Agt
Address Star Route 2, Box 52, West Union, WV 26456
Coal Owner Sewell River Coal and Land Corporation
Address 1707 Terminal Towers, Cleveland, Ohio 44113
Coal Operator N/A
Address _____

ALLEGHENY LAND AND MINERAL COMPANY
Company P. O. Drawer 1740
Address Clarksburg, West Virginia 26301
Farm Abraham Talkington Acres 208
Location (waters) Talkington Fork
Well No. A-999 Elevation 1280'
District McClellan County Doddridge
Quadrangle Folson 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 1-14-82.

INSPECTOR Stephen Casey
TO BE NOTIFIED Route 2, Box 232-D
Jane Lew, West Virginia 26378
PHONE 884-7470

[Signature]
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 September 7, 1960 by Lloyd H. Fork,
etal made to Allegheny Land and Mineral Company and recorded on the 20th day of January
1963, in Doddridge County, Book 82 Page 5
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:

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

Address
of
Well Operator

(Sign Name) ALLEGHENY LAND AND MINERAL COMPANY

BY: [Signature]
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.

BLANKET BOND

47 - 017 - 3005 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 [Signature]