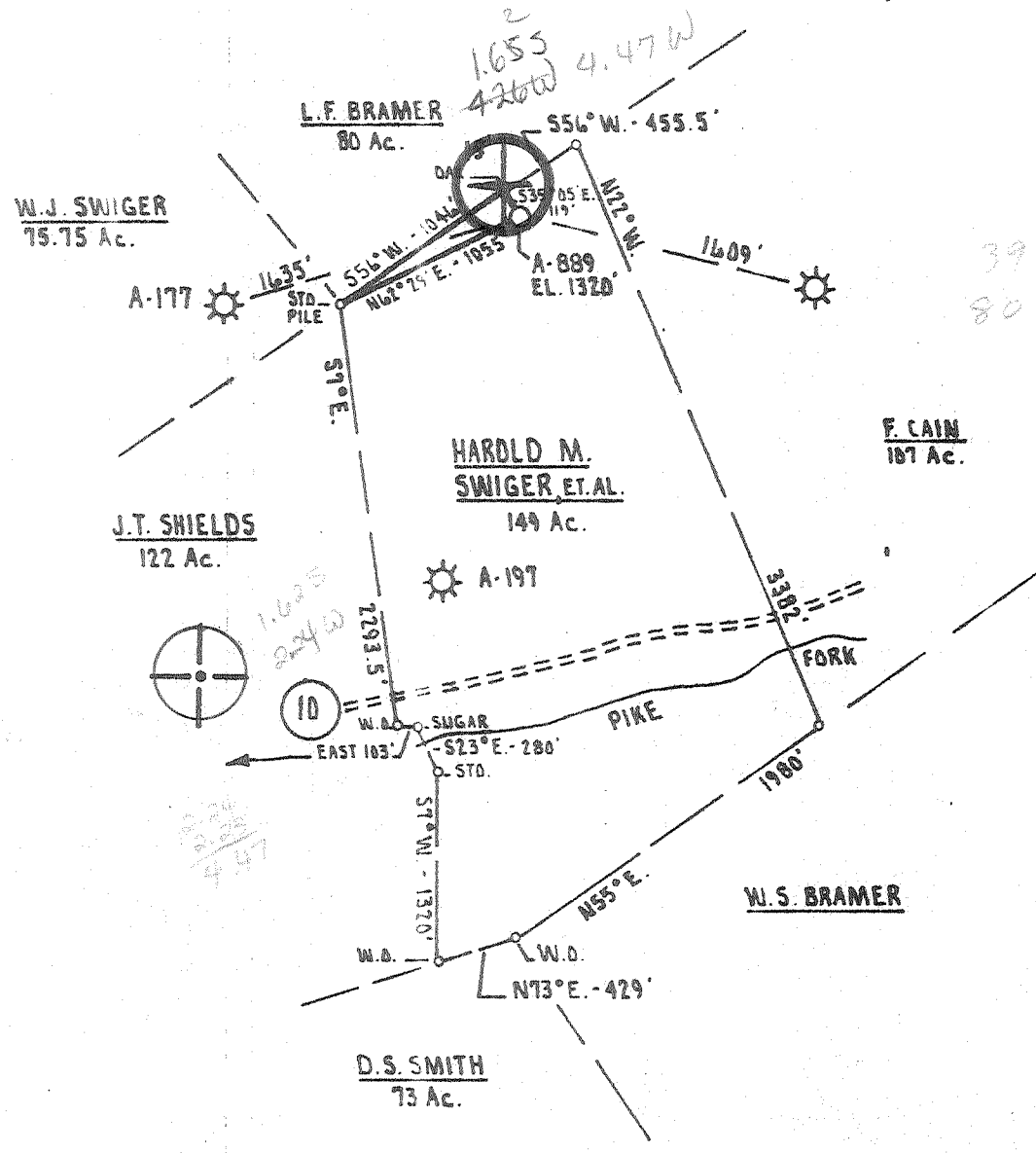
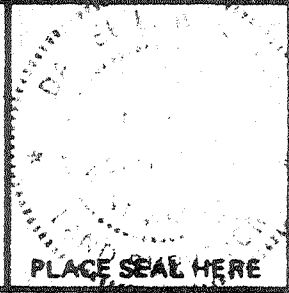


NORTH



FILE NO. 358
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200'
 PROVEN SOURCE OF ELEVATION ALLEGHENY LAND AND MINERAL CO. A-177 ELEVATION 1129'

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) Daniel L. Wheeler
 R.P.E. _____ L.L.S. 530



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



DATE JULY 30, 19 80
 OPERATOR'S WELL NO. A-889
 API WELL NO. _____
47 - D17 - 2792
 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 1320' WATER SHED PIKE FORK
 DISTRICT McCLELLAN COUNTY BOYD
 QUADRANGLE FOLSDOM 7.5' Centerpoint 15' EC
 SURFACE OWNER KENNETH C.A. PARKER ACREAGE 61.5 Ac.
 OIL & GAS ROYALTY OWNER HAROLD M. SWIGER ET AL. LEASE ACREAGE 149 Ac.
 LEASE NO. _____
 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 BIG INJUN ESTIMATED DEPTH 2500'
 WELL OPERATOR ALLEGHENY LAND AND MINERAL CO DESIGNATED AGENT ALLEGHENY LAND AND MINERAL CO.
 ADDRESS SCHROATH BUILDING P.O. BOX 1740 ADDRESS SCHROATH BUILDING P.O. BOX 1740
CLARKSBURG WEST VIRGINIA 26301 CLARKSBURG WEST VIRGINIA 26301

66 Smithton-Flint-Sedalia (99)

AUG 4 1980

OG-10
9-71



RECEIVED

JUL 28 1981

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL and GAS DIVISION
WELL RECORD

OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle Folsom 7.5'

Permit No. 47-017-2792

Rotary XX Oil _____
Cable _____ Gas XX _____
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>				
Farm <u>Swiger</u> Acres <u>149</u>				
Location (water) <u>Pike Fork</u>	Size			
Well No. <u>A-889</u> Elev. <u>1320'</u>	<u>20-16</u>			
District <u>McClellan</u> County <u>Doddridge</u>	Cond.			
The surface is owned in fee by <u>Kenneth Parker</u>	<u>13-10'</u>			
<u>c/o Carl Parker</u>	<u>9 5/8</u>			
Address <u>P.O. Box 292, Akron, Ohio 44309</u>	<u>8 5/8</u>	<u>1210'</u>	<u>1210'</u>	<u>w/150 sks. to surface</u>
Mineral rights are owned by <u>Harold Swiger</u>	<u>7</u>			
Address <u>Rt. 1 Box 206, Core, W.Va.</u>	<u>5 1/2</u>			
Drilling Commenced <u>June 15, 1981</u>	<u>4 1/2</u>	<u>2756.67'</u>	<u>2756.67'</u>	<u>w/165 sks. 1800'</u>
Drilling Completed <u>June 21, 1981</u>	<u>3</u>			
Initial open flow _____ cu.ft. _____ bbls.	<u>2</u>			
Final production <u>551M</u> cu.ft. per day _____ bbls.	Liners Used			
Well open <u>4</u> hrs before test <u>350#</u> RP.				

Well treatment details: Attach copy of cementing record. 551 MCF
 Berea Sand treated w/ 500 gal 15% HCL 681 bbls total fluid 45,000# 20/40
 Pocono Sand treated w/500 gal 15% HCL 670 bbls total fluid 60,000# 20/40
 Big Injun Sand treated w/500 gal 15% HCL 665 bbls total fluid 60,000# 20/40

Coal was encountered at 880-890 Feet _____ Inches
 Fresh water none Feet _____ Salt water _____ Feet
 Producing Sand Injun, Pocono & Berea Depth _____
2314-28 2703-09

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	*Remarks
Clay			0	6		
Sand & Shale			6	658		
Shale			658	675		
Sand			675	958		
Shale & Sand			958	1300		
Shale			1300	1535		
Sand & Shale			1535	2128		
L. Lime			2128	2124		
Sand & Shale			2124	2152		
B. Lime			2152	2160		
Sand & Shale			2160	2210		
Kemmer			2210	2220		
Shale			2220	2224		
B. Injun			2224	2262		
Sand & Shale			2262	2292		
Pocono			2292	2332		
Sand & Shale			2332	2700		
Berea			2700	2714		
Sand & Shale			2714	2798 T.D.		

AUG 11 1981

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	*Remarks
Well was Fractured by Halliburton June 29, 1981						
Perforations: 2848' - 2856' 16 holes						
2314' - 2322' 12 holes						
2326' - 2328' 4 holes						
2703' - 2704' 4 holes						
2705' - 2709 12 holes						

Date: July 27, 1981

APPROVED


Vice President Oil & Gas Productions



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL and GAS DIVISION

OIL AND GAS WELL PERMIT APPLICATION

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

DATE May 15, 1981
ALLEGHENY LAND AND MINERAL COMPANY
 Company P. O. Drawer 1740
 Address Clarksburg, West Virginia 26301
 Farm Swiger Acres 149
 Location (waters) Pike Fork
 Well No. A-889 Elevation 1320'
 District McClellan County Doddridge
 Quadrangle Folsom 7.5'

Surface Owner Kenneth C. A. Parker - c/o Carl Parker
 Address P. O. Box 292 - Akron, Ohio 44309
 Mineral Owner Harold M. Swiger, etal - Route 1, Box 206
 Address Core, West Virginia 26529
 Coal Owner same as mineral owner
 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 1-22-82

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 October 10 1960 by Harold V. Swiger, etal made to Allegheny Land & Mineral and recorded on the 19th day of December 1960, in Doddridge County, Book 67 Page 79
 XXX NEW WELL DRILL DEEPER REDRILL FRACURE 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 _____ days before, or on 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 - 2792 *Ren* 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]*

61 Swig

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

PROPOSED WORK ORDER TO XXX DRILL DEEPEN FRACTURE STIMULATE
 DRILLING CONTRACTOR: (If Known) Union Drilling Company RESPONSIBLE AGENT: Allegheny Land and Mineral Company
 NAME: Union Drilling Company NAME: Allegheny Land and Mineral Company
 ADDRESS: P. O. Drawer 40 ADDRESS: P. O. Drawer 1740
Buckhannon, West Virginia 26201 Clarksburg, West Virginia 26301
 TELEPHONE: 304-472-4610 Telephone: 304-623-6671
 ESTIMATED DEPTH OF COMPLETED WELL: Big Injun ROTARY XXX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION 2500'
 TYPE OF WELL: OIL _____ GAS XXX 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	20'	20'	cement to surface
13 - 10			
9 - 5/8			
8 - 5/8	700'	700'	cement to surface
7			
5 1/2			
4 1/2	2500'	2500'	cement to 300' above producing horizon
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 383-384 FEET SALT WATER _____ FEET

APPROXIMATE COAL DEPTHS 370

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 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

Date: July 14, 1980
Operator's Well No. A-889
API Well No. 47-017-2792
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil / Gas XXX
(If "Gas", Production / Underground storage / Deep / Shallow XX /)
LOCATION: Elevation: 1320' Watershed: Pike Fork
District: McClellan County: Doddridge Quadrangle: Folsom 7.5'

WELL OPERATOR ALLEGHENY LAND & MINERAL CO. DESIGNATED AGENT ALLEGHENY LAND & MINERAL CO.
Address P. O. DRAWER 1740 Address P. O. Drawer 1740
CLARKSBURG, WV 26301 CLARKSBURG, WV 26301

OIL & GAS ROYALTY OWNER Harold M. Swiger, etal COAL OPERATOR
Address Route 1, Box 206 Address
Core, West Virginia 26529

Acresage 149 COAL OWNER(S) WITH DECLARATION ON RECORD:
SURFACE OWNER Kenneth C. A. Parker Name Harold M. Swiger, etal
Address c/o Carl B. Parker Address Route 1, Box 206
P. O. Box 292 Core, West Virginia 26529
Akron, Ohio 44309
Acresage 61.50 Name
Address

FIELD SALE (IF MADE) TO:
Name Consolidated Gas Supply Corp. Address
Address 445 West Main Street COAL LESSEE WITH DECLARATION ON RECORD:
Clarksburg, West Virginia Name
26301 Address

OIL & GAS INSPECTOR TO BE NOTIFIED 26301
Name Paul Garrett Address
Address 321 Beech Street
Clarksburg, WV 26301

RECEIVED
JUL 15 1980

**OIL & GAS DIVISION
DEPT. OF MINES**

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease XXX / other contract / dated October 10, 1960, to the undersigned well operator from Harold V. Swiger, etal

Recorded on Dec. 19, 1960, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in Lease Book 67 at page 79. A permit is requested as follows:

PROPOSED WORK: Drill XXX / Drill deeper / Redrill / Fracture or stimulate /
Plug off old formation / Perforate new formation /
Other physical change in well (specify)

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS
CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

ALLEGHENY LAND & MINERAL COMPANY

BY: Daniel L. Wheeler
Daniel L. Wheeler
Vice President

BLANKET BOND

Swiger

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:

ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) UNION DRILLING COMPANY
 Address P.O. BOX 40
BUCKHANNON, WEST VIRGINIA 26201

GEOLOGICAL TARGET FORMATION, Big Injun
 Estimated depth of completed well, 2500 feet Rotary XX / Cable tools /
 Approximate water strata depths: Fresh 383-384 feet; salt, feet.
 Approximate coal seam depths: 370 is coal being mined in the area?
 Yes / No XX /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL UP OR SACKS	
	SIZE	GRADE	Weight Per ft.	New	Used	For drilling	left in well	(cubic ft.)	Packers
Conductor	16"				X	20'	20'	cement to surface	kinds
Fresh Water	8-5/8"								
Coal	8-5/8"		20#	X		700'	700'	cement to surface	sizes
Intermediate									
Production	4 1/2"		J 55 10.50#	X		2500'	2500'	cement to 300' above producing horizon	depths set
Tubing									
Liners									performations: Top botto

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code S 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code S 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code S 22-4-12a, and (v) if applicable, the consent required by Code S 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith. All provisions in accordance with Chapter 27 of the W. Va. Code, the location is hereby approved drilling. This permit shall expire if operations have not commenced by 3-22-81.

[Signature]
 The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code S 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: 19

By