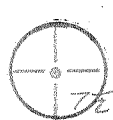
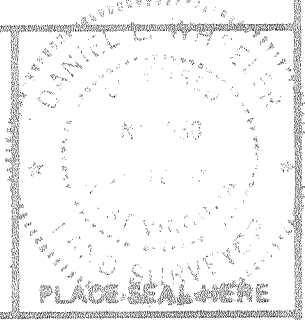


UNIT	ACRES
GEORGE T. NEEL	51.25 Ac.
CLYDE L. OFFUTT	204.88 Ac.
(SURFACE) BERNARD N. NEWMAN	76.68 Ac.
TOTAL ACRES =	332.81 Ac.



FILE NO. 376
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION ROAD INTERSECTION
 ELEVATION 1218'

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)



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE SEPTEMBER 10th, 19 80
 OPERATOR'S WELL NO. A-911
 API WELL NO. _____
47 - 049 - 0678
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___
 LOCATION: ELEVATION 1275' WATER SHED PRICKETT CREEK
 DISTRICT WINFIELD COUNTY MARION
 QUADRANGLE FAIRMONT EAST 15' FAIRMONT 15' NE
 SURFACE OWNER GEORGE T. NEEL ACREAGE 49.72 Ac.
 OIL & GAS ROYALTY OWNER GEORGE T. NEEL LEASE ACREAGE 51.25 OF 332.81 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 DRISKANY ESTIMATED DEPTH 7600'
 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 26201 CLARKSBURG WEST VIRGINIA 26301

6-6 (3607) Runners Ridge Deep well

Date: December 10, 1980
Operator's Well No. A-911
API Well No. 47 - 049 - 0678
State County Permit

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

WELL OPERATOR'S REPORT 24
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil ___ / Gas XXX / Liquid Injection ___ / Waste Disposal ___
(If "Gas", Production ___ / Underground storage ___ / Deep XXX / Shallow ___ /)
LOCATION: Elevation: 1275' Watershed: Prickett Creek
District: Winfield County: Marion Quadrangle: Fairmont East 7.5'

WELL OPERATOR ALLEGHENY LAND & MINERAL CO DESIGNATED AGENT ALLEGHENY LAND & MINERAL CO.
Address P. O. BOX 1740 Address P. O. BOX 1740
CLARKSBURG, W. VA. 25301 CLARKSBURG, W. VA. 26301

PERMITTED WORK: Drill X / Convert ___ / Drill deeper ___ / Redrill ___ / Fracture or stimulate ___
Plug off old formation ___ / Perforate new formation ___
Other physical change in well (specify) _____

PERMIT ISSUED ON September 11, 19 80 OIL & GAS INSPECTOR FOR THIS WORK:
(IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED) Name William Blosser
Address P. O. Box 1028
Colfax, WV 26566

GEOLOGICAL TARGET FORMATION: Oriskany Depth 7600 feet
Depth of completed well, 7330 feet Rotary X / Cable Tools ___
Water strata depth: Fresh, 300 feet; salt, ___ feet.
Coal seam depths: 23-25', 97-101', 136-142', 318-343' Is coal being mined in the area? ___
Work was commenced October 13, 19 80, and completed October 30, 1980

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor	11-3/4"			X		149'	149'	Cemented to surface
Fresh water	8-5/8"							
Coal	8-5/8"			X		1515'	1515'	" " Sigs
Intermediate								
Production	4 1/2"			X		7285'	7285'	" " 6260' Depths set
Tubing								
Liners								Perforations: Top Bottom

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JAN 15 1981

OPEN FLOW DATA

HUNTERVILLE OIL & GAS DIVISION
DEPT. OF MINES
Producing formation Chert Lime Pay zone depth 7022-7174 feet
Gas: Initial open flow, ___ Mcf/d Oil: Initial open flow, ___ Bbl/d
Final open flow, 1,739 Mcf/d Final open flow, ___ Bbl/d
Time of open flow between initial and final tests, ___ hours
Static rock pressure, 3400# psig (surface measurement) after 24 hours shut in
[If applicable due to multiple completion--]
Second producing formation ___ Pay zone depth ___ feet
Gas: Initial open flow, ___ Mcf/d Oil: Initial open flow, ___ Bbl/d
Final open flow, ___ Mcf/d Final open flow, ___ Bbl/d
Time of open flow between initial and final tests, ___ hours
Static rock pressure, ___ psig (surface measurement) after ___ hours shut in

(Continue on reverse side)

JAN 26 1981

[08-78]

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Well was fractured November 13, 1980 by Halliburton.

Perforations: 7091 - 7122'

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
Shale			0	23	
COAL *****			23	25	Coal *****
Sand			25	97	
COAL *****			97	101	Coal *****
Sand & Shale			101	136	
COAL *****			136	142	Coal *****
Sand & Shale			142	318	Water - 4" stream @ 300'
COAL *****			318	343	Coal *****
Sand & Shale			343	734	
Big Lime			734	930	
Injun Sand			930	981	
Sand & Shale			981	1840	
5th Sand			1840	1862	
Sand & Shale			1862	4812	
Benson Sand			4812	4822	
Sand & Shale			4822	6622	
Tully Limestone			6622	6734	
Shale			6734	6939	
Onondaga Sand			6939	7022	
Chert Lime			7022	7174	
Oriskany Sand			7174	7200	
Shale <u>HELD:</u>			7200	7330	
			total depth	7330	(Driller)

7091
7122
5354

(Attach separate sheets to complete as necessary)

Alleghey Land & Mineral Company
Well Operator

By Claron Dawson
Its Supt.

NOTE: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic, detailed geological record of all formations, including coal, encountered in the drilling of a well."

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 5-30-81.

DATE: September 11, 1980

OPERATORS WELL NO.: A-911
API WELL NO.: 47 049 - 0678
STATE COUNTY PERMIT

[Signature]
Deputy Director - Oil & Gas Division
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 XXX / Shallow /)
LOCATION: Elevation: 1275' Watershed: Prickett Creek
District: Winfield County Marion Quadrangle: Fairmont East 7.5'
WELL OPERATOR ALLEGHENY LAND AND MINERAL COMPANY DESIGNATED AGENT: ALLEGHENY LAND AND MINERAL COMPANY
P. O. DRAWER 1740 P. O. DRAWER 1740
CLARKSBURG, WEST VIRGINIA 26301 CLARKSBURG, WEST VIRGINIA 26301

OIL & GAS ROYALTY OWNER George T. Neel
Address Route 4, Box 567
Fairmont, WV 26554

COAL OPERATOR
Address

Acreage 51.25 out of 332.81
SURFACE OWNER George T. Neel
Address Route 4, Box 567
Fairmont, WV 26554
Acreage 49.72

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Southern Ohio Coal Company
Address Matinka Mine No. 1
Box 552
Fairmont, WV 26554
Telephone (366-5515)
Name
Address

FIELD SALE (IF MADE) TO:
Name Consolidated Gas Supply Corp.
Address 445 West Main Street
Clarksburg, WV 26301

COAL LESSEE WITH DECLARATION ON RECORD:
Name
Address

OIL & GAS INSPECTOR TO BE NOTIFIED
Name William Blosser
Address P. O. Box 1028
Colfax, WV 26566

RECEIVED
SEP 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 April 22, 1968, to the undersigned well operator from George T. Neel, et ux unto Phillips Petroleum, subsequently unto Allegheny Land and Mineral Company

Recorded on May 8, 1968, in the office of the Clerk of the County Commission of Marion County, West Virginia, in Deed Book 727 at-page 285. 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: [Signature]
Daniel L. Wheeler
Vice President

BLANKET BOND

[Signature]

PROPOSED WORK ORDER
 THIS IS AN ESTIMATE ONLY:
 ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-25 UPON COMPLETION

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

GEOLOGICAL TARGET FORMATION, Oriskany
 Estimated depth of completed well, 7600' feet Rotary XX / Cable tools /
 Approximate water strata depths: Fresh, 112 feet; salt, feet.
 Approximate coal seam depths: 107-111 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 (cubic ft.)		Packers
	SIZE	GRADE	Weight Per ft.	New	Used	For drilling	left in well		
Conductor	16"				X	20	20'	cement to surface	kinds
Fresh Water	8-5/8"								
Coal	8-5/8"		20#	X		1400'	1400'	cement to surface	sizes
Intermediate									
Production	4 1/2"		N-80 11.616		X	7600'	7600'	cement to 300' above producing horizon	depths set
Tubing									
Liners									perform- ations: 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.

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 _____