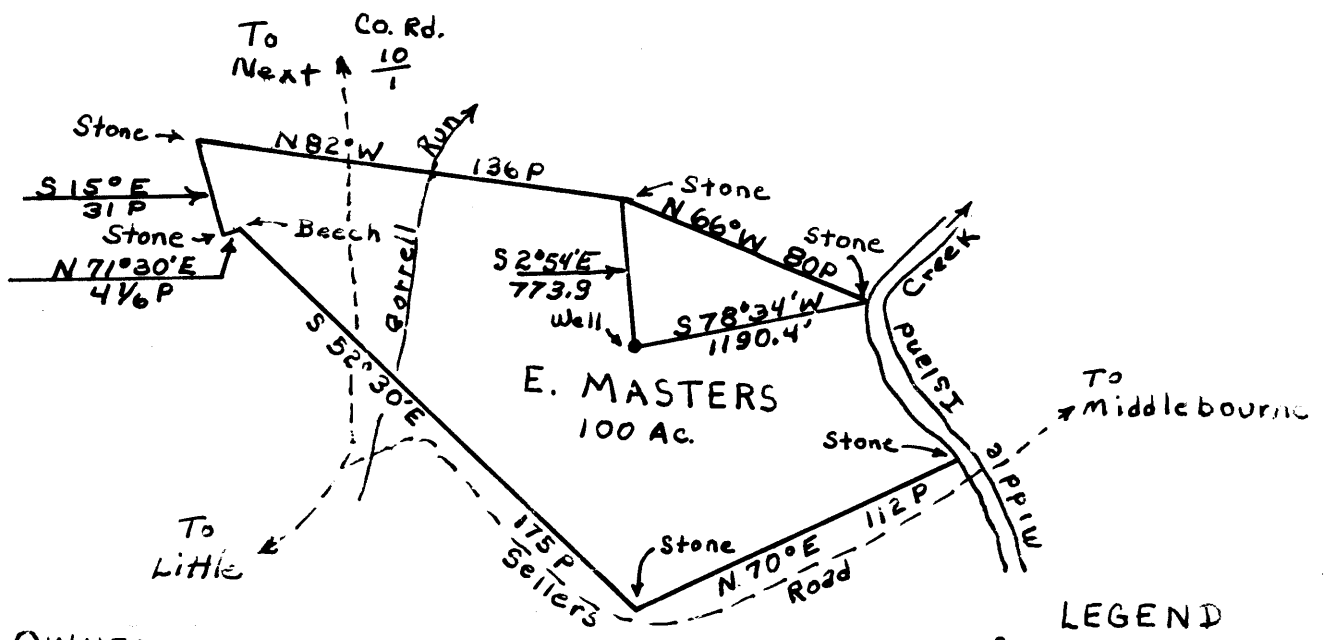
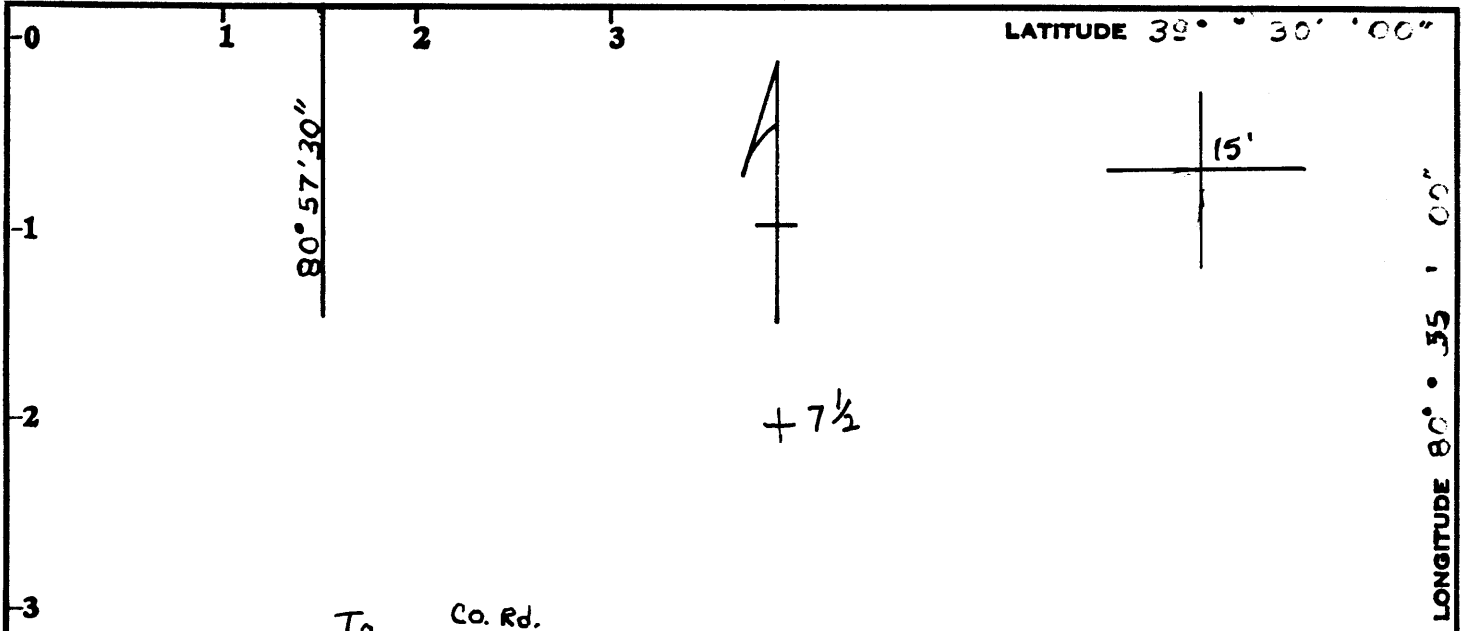


1-4

40

6680



OWNERSHIP
 No Coal
 Minerals:
 Surface:
 Address:

LEGEND
 Surveyed Lines:
 N 66° W 80 P
 • Well Location
 --- County Roads
 Magnetic Bearings
 as given in deed.

Minimum Error of Closure 1:200
 Source of Elevation U.S.G. G.S. B.M. 784 Pursley, W. Va.
Intersection State Route # 18 & Next - Adonis Road

Fracture.....
 New Location.....
 Drill Deeper.....
 Abandonment.....

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Signed: William F. Woodman
 Squares: N S E W

Map No.

Company SECURITY GAS & OIL 807
 Address 417 1/2 Second Str. St. Marys, WY 26170
 Farm E. MASTERS
 Tract _____ Acres 100 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 747.0 WEST UNION 15'
 Quadrangle Middlebourne 7 1/2 Min.
 County Tyler District Ellsworth
 Engineer William F. Woodman
 Engineer's Registration No. 12345
 File No. _____ Drawing No. _____
 Date MAY 1, 1980 Scale 1" = 1000'

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

WELL LOCATION MAP

FILE NO. 095-0805 - ~~REV.~~
cancelled

+ Denotes location of well on United States Topographic Maps, scale 1 to _____, latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing. APR 14 1986
3000' 5th SAND



STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil XX / Gas XX /

(If "Gas", Production XX / Underground storage ___ / Deep ___ / Shallow ___ /

LOCATION: Elevation: 747' Watershed: Middle Island Creek
District: Ellsworth County: Tyler Quadrangle: Middlebourne 7 1/2'

WELL OPERATOR Security Gas & Oil, Inc.
Address 417 1/2 Second Street
St. Marys, WV 26170

DESIGNATED AGENT Frank E. Pethtel
Address 417 1/2 Second Street
St. Marys, WV 26170

OIL AND GAS ROYALTY OWNER Elmer & Sylvia Masters
Address 213 Charles St.
Sistersville, WV 26175
Acreage 100

COAL OPERATOR None
Address _____

SURFACE OWNER Same
Address _____
Acreage _____

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME None
Address _____

FIELD SALE (IF MADE) TO:
NAME _____
Address _____

NAME _____
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:
NAME None
Address _____

OIL AND GAS INSPECTOR TO BE NOTIFIED:

NAME Mr. Phillip Tracey
Address Middlebourne, WV 26149
Telephone 304-758-4573

RECEIVED

DEC 7 1981

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease XX / other contract ___ / dated 11-15, 1972, to the undersigned well operator from (Farmout) Columbia Gas Transmission.

(If said deed, lease, or other contract has been recorded:)

Recorded on _____, 19____, in the office of the Clerk of County Commission of

Tyler County, West Virginia, in 196 Book at page 282. A permit is requested as follows:

PROPOSED WORK: Drill XX / 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 receipt of this Application by the Dept. 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 lessees on or before the day of the mailing or delivery of this 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
1613 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092

BLANKET BOND Security Gas & Oil, Inc.
Well Operator

By: Frank E. Pethtel

Its: Vice-President

(Reverse)

(Revised 3-81)

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) _____

Address _____

GEOLOGICAL TARGET FORMATION Upper Devonian - Alexander

Estimated depth of completed well 5500 feet. Rotary XX / Cable tools /

Approximate water strata depths: Fresh, 150 feet; salt, 1700 feet.

Approximate coal seam depths: None

Is coal being mined in this 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"	H40	38lbs		XX	20'			Kinds
Fresh water									
Coal									Sizes
Intermed.	18 5/8"	H40	20lbs	XX			847'	To surf.	
Production	4 1/2"	J55	10 1/2 lbs	XX			5500'	650 sacks	Depths set
Tubing	2"	erw	4.71bs	XX			5500'		
Liners									Perforations:
									Top Bottom

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 §22-4-2, (iii) Form IV-9, "Reclamation Plan" applicable to the reclamation required by Code §22-4-11b and Regulation 23, (iv) unless previously paid on the same well, the fee provided by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or drilling 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.

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 renewed. This permit shall expire if operations have not commenced by 8-11-82

[Signature]
Deputy Director - Oil & Gas Division

[Signature]

The following waiver must be completed by the coal operator and by any coal owner or lessee who has recorded a declaration under Code §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 regularions.

Date: _____, 19____.

By: _____

Its: _____

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. E. Masters 4

API Well No. 47 - 095 - 80
State County Perm

WELL TYPE: Oil / Gas /
(If "Gas", Production / Underground storage / Deep / Shallow /)

LOCATION: Elevation: 747 Watershed: Middle Island Creek
District: Ellsworth County: Tyler Quadrangle: Middlebourne 7.5

WELL OPERATOR Security Gas & Oil Inc.

DESIGNATED AGENT Frank E. Pettit

Address 417 1/2 Second St.
St. Marys, WV 26170

Address 417 1/2 Second St.
St. Marys, WV 26170

OIL & GAS ROYALTY OWNER Elmer & Sylvia Masters

COAL OPERATOR none

Address 213 Charles St.
Sistersville, WV 26175

Address _____

Acreage 100

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER same

Name _____

Address _____

Address _____

Acreage _____

FIELD SALE (IF MADE) TO:

Name none

Address _____

Name _____

Address _____

RECEIVED

JUN 2 1980

COAL LESSEE WITH DECLARATION ON RECORD:

Name _____

Address _____

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

OIL & GAS INSPECTOR TO BE NOTIFIED

Name Phillip Tracy

Address Middlebourne, WV

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract / dated 11-15, 1972, to the undersigned well operator from (Farmout) Columbia Gas Transmission

[If said deed, lease, or other contract has been recorded:]

Recorded on _____, 19____, in the office of the Clerk of the County Commission of _____ County, West Virginia, in Dood Book 190 at page 202. A permit is requested as follows:

PROPOSED WORK: Drill / 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: (204) 268-2000

BLANKET BOND

Security Gas & Oil Inc.

Well Operator

By

Frank E. Pettit

Its

Vice-President of Appalachian Region

