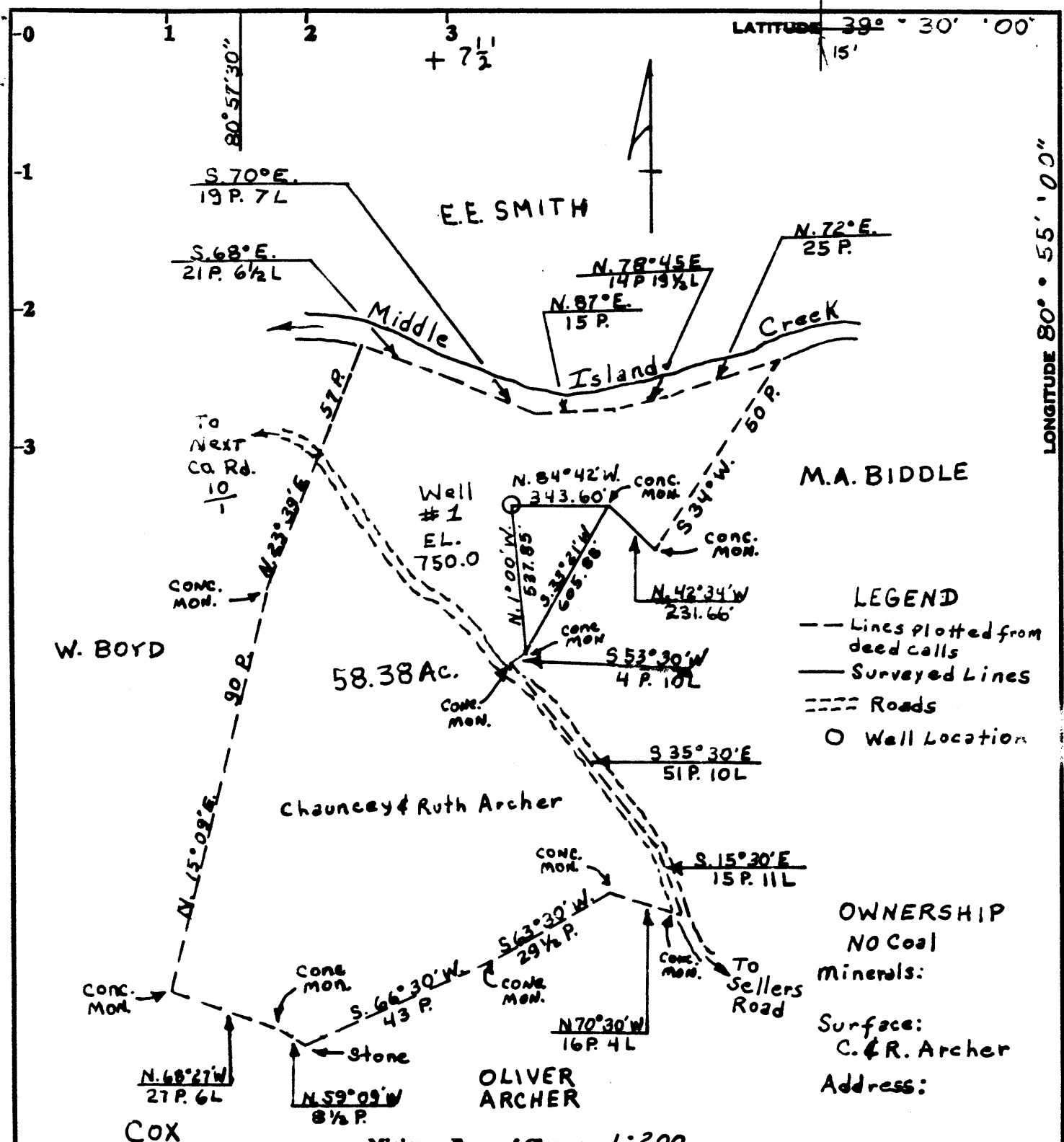


6-6-80



LEGEND
 --- Lines plotted from deed calls
 — Surveyed Lines
 - - - - Roads
 O Well Location

OWNERSHIP
 NO Coal Minerals:
 Surface:
 C. & R. Archer
 Address:

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

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. Woodburn
 Squares: N S E W

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

Company SECURITY GAS & OIL
 Address 417 1/2 Second Street St. Marys, W. Va
 Farm CHAUNCEY & RUTH ARCHER
 Tract _____ Acres 58.38 Lease No. _____
 Well (Farm) No. ONE Serial No. _____
 Elevation (Spirit Level) 750.0 WEST UNION 15'
 Quadrangle MIDDLEBOURN 7A
 County TYLER District FELLSMOUTH
 Engineer William F. Woodburn
 Engineer's Registration No. PF 5414
 File No. _____ Drawing No. _____
 Date APRIL 28, 1980 Scale 1" = 500'

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

WELL LOCATION MAP

FILE NO. 095-0801-REN
CANCELLED

+ Denotes location of well on United States Topographic Maps, scale 1 to _____, latitude and longitude lines being represented by border lines as shown.
 JUL 3 1984

— Denotes one inch spaces on border line of original tracing.

604 3943

(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.	8 5/8"	H40	20lbs	XX			850	To Surf.	
Production	4 1/2"	J55	10 1/2 lbs	XX			5500'	650 sacks	Depths set
Tubing	2"	erw	4.7lbs	XX			5500'		
Liners									Perforations:
									Top Bottom

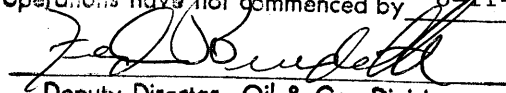
NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan" applicable to the reclamation required by Code §22-4-15 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 §22-4-2a 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 8-21-82.


 Deputy Director - Oil & Gas Division

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. C. Archer #1

API Well No. 47 - 095 - 801
State County Perm

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

LOCATION: Elevation: 750 ft. Watershed: Middle Island Creek
District: Ellsworth County: Tyler Quadrangle: Middlebourne 7.5

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

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

OIL & GAS ROYALTY OWNER Chaucey & Ruth Archer
Address Rt. 2
Sistersville, WV 26175

COAL OPERATOR None
Address _____

SURFACE OWNER same
Address _____
Acreage _____

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name _____
Address _____

FIELD SALE (IF MADE) TO:
Name none
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Phillip Tracy
Address Middlebourne, WV

RECEIVED

JUN 2 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 X / other contract ___ / dated 1-04, 1973, 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 Tyler County, West Virginia, in 496 Deed Book 196 at page 308. A permit is requested as follows:

PROPOSED WORK: Drill X / 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) 348-3000

BLANKET BOND

Security Gas & Oil Inc.
Well Operator
By Frank E. Pethtel
Its Vice-President of Appalachian Region

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Little Swiss Drilling Co.

Address P.O. Box P
Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION, Fifth Sand

Estimated depth of completed well, 3000' feet Rotary X / Cable tools /

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

Approximate coal seam depths: none Is coal being mined in the area? Yes / No X /

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	Left in well		
Conductor	16"	IP40	38lbs		X	20ft.			Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8	IP40	20lbs	X			850'	To surf	
Production	4 1/2	J55	10 1/2lbs	X			3000'	To surf	Depths set
Tubing	2"	erw	4.7	X			3000'		
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 § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required 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 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.

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 2-6-81.

John T. [Signature]
Deputy Director, Oil & Gas Division completed by the coal operator and by any coal owner or coal 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 regulations.

Date: , 19

By
Its