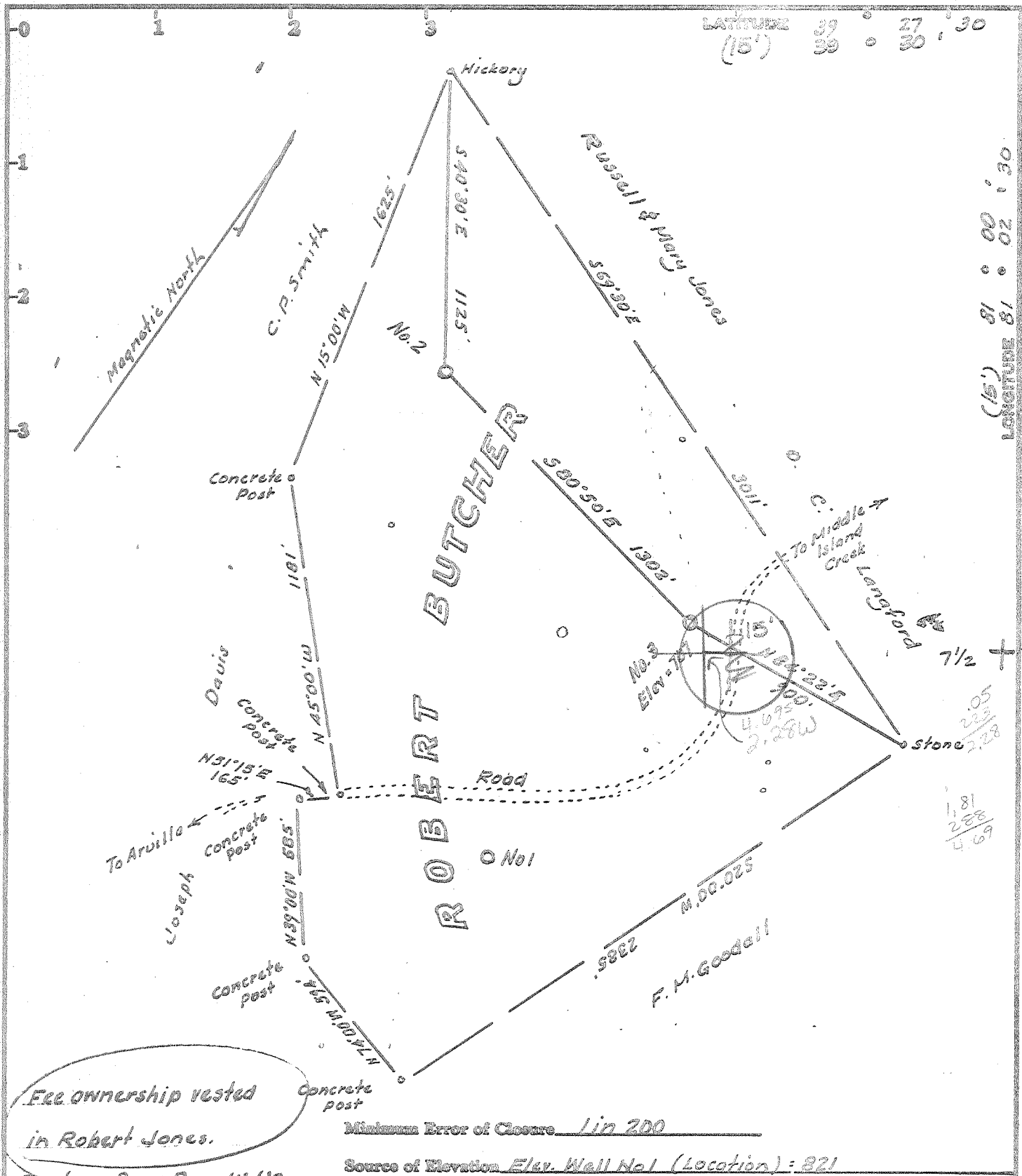


6/5/79



Free ownership vested in Robert Jones.  
Route - Bens Run, W. Va.

Minimum Error of Closure 1 in 200  
Source of Elevation Elev. Well No. 1 (Location) = 821

- 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: [Signature]  
Squares: N S E W

Company SECURITY OIL & GAS INC.  
 Address 118 Bush St. Suite 2501 - San Francisco, Cal  
 Farm Robert Butcher  
 Tract \_\_\_\_\_ Acres 106 Lease No. \_\_\_\_\_  
 Well (Farm) No. Three Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 707 NE  
 Quadrangle Bens Run 7 1/2 ST. MARYS 16'  
 County Pleasants District Union  
 Engineer [Signature]  
 Engineer's Registration No. 1227  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date March 30, 1979 Scale 1" = 500'

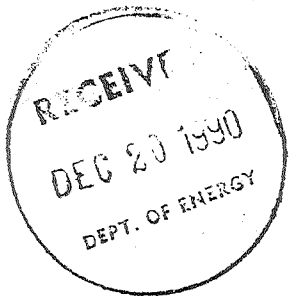
STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

**WELL LOCATION MAP**  
 FILE NO. 47-073-0772

+ Denotes location of well on United States Topographic Maps, scale 1 to 25,000, latitude and longitude lines being represented by border lines as shown.  
 JUN 21 1979  
 - Denotes one inch spaces on border line of original tracing.

Gordon Shiloh-wick (OPG) 3000

WR-35



State of West Virginia DEPARTMENT OF ENERGY Oil and Gas Division

Date December 14, 1990 Operator's Well No. 3 Farm R. Butcher API No. 47 -073 -0772

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

WELL TYPE: Oil x / Gas x / Liquid Injection / Waste Disposal / (If "Gas," Production x / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 707 Watershed Middle Island Creek District: Union County Pleasants Quadrangle Bens Run

COMPANY Halwell Company, Inc. ADDRESS 423 Second Street Marietta, OH 45750 DESIGNATED AGENT Roy C. Martin, Esquire ADDRESS 2020 Kanawha Blvd., E., Charleston WV 25311 SURFACE OWNER Robert S. & Fay E. Butcher ADDRESS Box 152 R.R. 1 Friendly, WV MINERAL RIGHTS OWNER same as surface ADDRESS OIL AND GAS INSPECTOR FOR THIS WORK Sam Hershman ADDRESS Rt. 1 Box 240 Harrisville, WV 26362 PERMIT ISSUED June 5, 1979 DRILLING COMMENCED 6/23/79 DRILLING COMPLETED 6/26/79 IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Table with 4 columns: Casing & Tubing Size, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-16 Cond., 13-10", 9 5/8, 8 5/8 (760, 760, surface), 7, 5 1/2, 4 1/2 (2957, 2957, 390), 3, 2, and Liners used.

GEOLOGICAL TARGET FORMATION Gordon Depth 2532 feet Depth of completed well 2995 feet Rotary X / Cable Tools Water strata depth: Fresh 35 feet; Salt 0 feet Coal seam depths: 0 Is coal being mined in the area? NO

OPEN FLOW DATA

Producing formation Gordon Pay zone depth 2532 feet Gas: Initial open flow unknown Mcf/d Oil: Initial open flow unknown Bbl/d wells purchased 8 years after completion; information is not available Final open flow Mcf/d Final open flow Bbl/d Time of open flow between initial and final tests hours Static rock pressure unknown psig(surface measurement) after hours shut in (If applicable due to multiple completion--)

(Continue on reverse side)

DEC 21 1990

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

Perfs from 2532 to 2538      12 shots  
 slick water Frac with nitrogen Assist.  
 90,000 lb. sand                      Break 2350 psi  
 48,300 gal. water                    Rate 33.8 BPM  
 200 mscf Nitrogen                    ISIP 1600 psi

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Sandy Shale	gray		0	1364	
3rd salt sand	gray	hard	1364	1390	
Shale	gray	hard	1390	1457	
Maxton	gray	hard	1457	1480	
Shale	gray	hard	1480	1580	
Keener	gray	hard	1580	1600	
Sand	gray	hard	1600	1740	
Squaw	gray	hard	1740	1766	
Shale	gray	hard	1766	2242	
Berea	gray	hard	2242	2245	
Shale	gray	hard	2245	2538	
Gordon	gray	hard	2538	2550	
Shale	gray	hard	2550	2995	

(Attach separate sheets as necessary)

Halwell Company, Inc

Well Operator

By:

Date: Robert N. Pennock,  
 Petroleum Engineer

December 14, 1990

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."

Date: June 5, 1979

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's  
Well No. Robert Butcher #3  
API Well No. 47 - 073 - 0772  
State County Permit

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

LOCATION: Elevation: 707' Watershed: Middle Island Creek  
District: Union County: Pleasants Quadrangle: Bens Run 7 1/2

WELL OPERATOR Security Gas & Oil Inc.  
Address 100 Bush St. Suite 2301  
San Francisco, CA  
OR  
417 1/2 Second St. St. Marys, WV

DESIGNATED AGENT Burl W. Smith  
Address Rt. 39  
St. Marys, WV 26170

OIL & GAS ROYALTY OWNER Robert S. & Ray R. Butcher  
Address Box 152, R.D. #1  
Friendly, WV

COAL OPERATOR None  
Address: \_\_\_\_\_

Acreage 106

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER \_\_\_\_\_  
Address \_\_\_\_\_  
Acreage \_\_\_\_\_

Name \_\_\_\_\_  
Address \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_

FIELD SALE (IF MADE) TO:  
Name \_\_\_\_\_  
Address \_\_\_\_\_

COAL LESSEE WITH DECLARATION ON RECORD:  
Name None  
Address \_\_\_\_\_

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name Phillip Tracey  
Address Middlebourne, WV  
1-304-758-4573

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

**RECEIVED**  
JUN - 5 1979

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 Jan 6, 19 79, to the undersigned well operator from Robert S. & Ray R. Butcher

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

Recorded on Jan. 22, 19 79, in the office of the Clerk of the County Commission of Pleasants County, West Virginia, in Deed Book 151 at page 184. 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: (304) 348-3092

**BLANKET BOND**

Security Gas & Oil Inc.  
Well Operator

By [Signature]

[08-78]

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 Company

Address P.O. Box P  
Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION, Gordon Series

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

Approximate water strata depths: Fresh, 125 feet; salt,     feet.

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

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	8 5/8		24 lb.	xx		250'	250'	53 Sacks	Kinds
Fresh water									
Coal									Sizes
Intermediate									
Production	4 1/2		10.5				3000'	300 sacks	Depths set
Tubing									
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 2-6-80.

[Signature] must be completed by the coal operator and by any coal owner of the Coal & Gas Division 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