

LEGEND

- Lines plotted from deed calls
- Surveyed Lines
- Roads
- Well Locations

OWNERSHIP

No coal mined in this area
 Fee ownership is vested in:-
 Clinton & Virginia Dillon
 St Marys, W. Va.

Minimum Error of Closure 1 in 200'

Source of Elevation USGS elev. at forks of road (shown) = 812

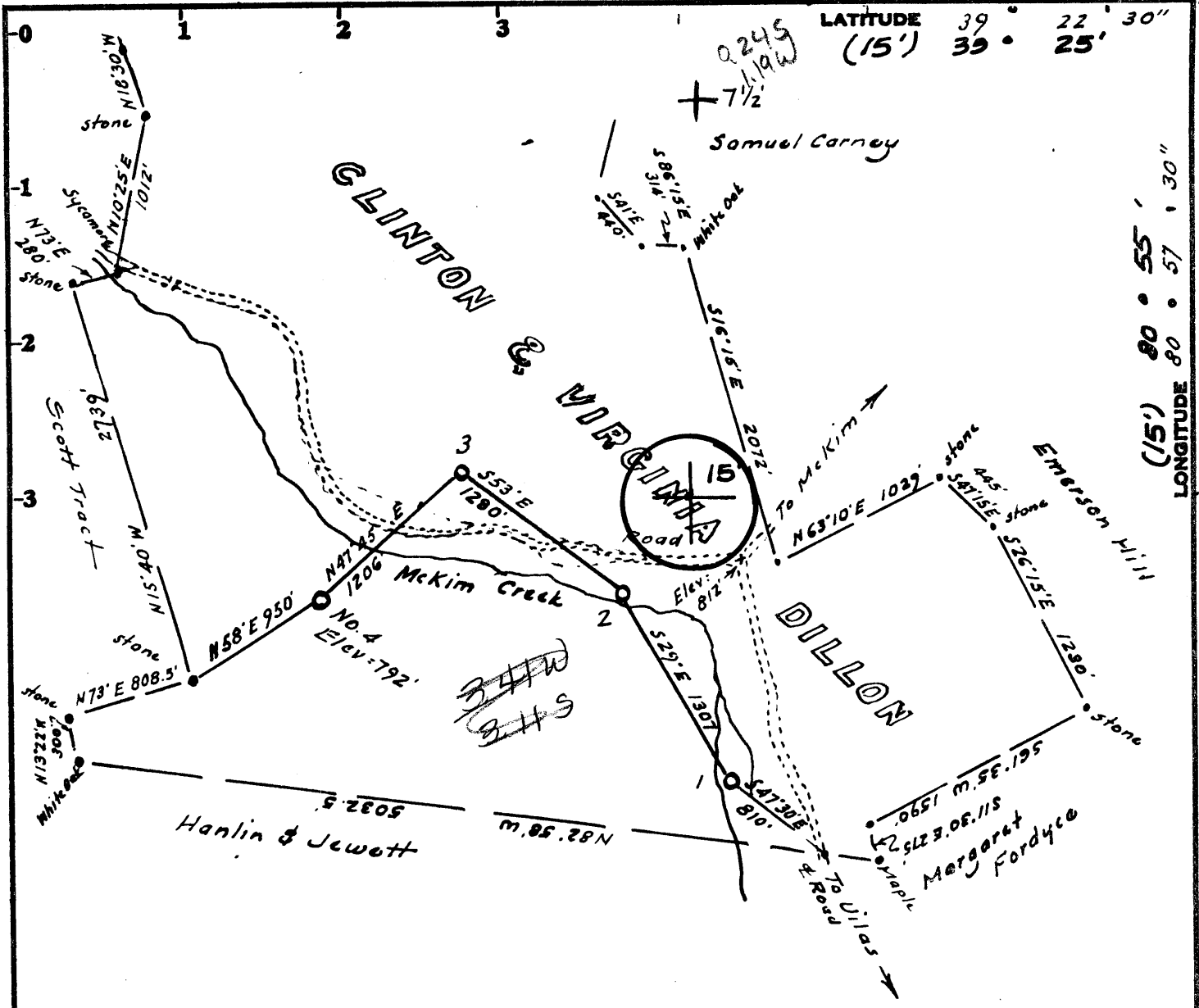
- Fracture.....
- New Location.....
- Drill Deeper..... 3 1/2
- Abandonment..... 3

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 Deverman Appalachia
 Address 123 Windon Estates, Mineral Wells, W.V. 26150
 Farm Clinton S. & Virginia H. Dillon
 Tract _____ Acres 575 Lease No. _____
 Well (Farm) No. Four Serial No. _____
 Elevation (Spirit Level) 792'
 Quadrangle Pennsboro 7 1/2
 County Tyler District Meade
 Engineer [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date Sept 26, 1979 Scale 1" = 1000'

STATE OF WEST VIRGINIA
 Division of Environmental Protection
 Office of Oil & Gas
 Nitro, W.V.
WELL LOCATION MAP
Oil Well No. 47-095-00737-D
Drill Deeper.
 + Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
 Original Production Walter Kerden
 - Denotes one inch spaces on border line of original tracing. Danson New Formation



LEGEND

- Lines plotted from deed calls
- Surveyed Lines
- Roads
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OWNERSHIP

No coal mined in this area
 Fee ownership is vested in:-
 Clinton & Virginia Dillon
 St Marus, W. Va.

3.125
 3.42W

Minimum Error of Closure 1 in 200'

Source of Elevation USGS elev. at forks of road (shown) = 812

- 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

Map No.

Company Security Gas and Oil INC
 Address 417 1/2 2nd St. St. Marus, W. Va. 26170
 Farm Clinton S. & Virginia H. Dillon
 Tract _____ Acres 575 Lease No. _____
 Well (Farm) No. Four Serial No. _____
 Elevation (Spirit Level) 792' WC
 Quadrangle Pannboro 7 1/2, West Union 7 1/2'
 County Tyler District Meade
 Engineer [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date Sept 26, 1979 Scale 1" = 1000'

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

WELL LOCATION MAP
 FILE NO. 47-095-0737

+ Denotes location of well on United States Topographic Maps, scale 1 to 62500, latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.

OCT 12 1979

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Permitting
Office of Oil & Gas

Well Operator's Report of Well Work

Farm name: DILLON, VIRGINIA H. Operator Well No.: DILLON #4

LOCATION: Elevation: 792.00 Quadrangle: WEST UNION

District: MEADE County: TYLER
Latitude: 1250 Feet South of 39 Deg. 22Min. 30 Sec.
Longitude 6250 Feet West of 80 Deg. 57 Min. 30 Sec.

Company: DEVONIAN APPALACHIAN COMP
ROUTE 1, BOX 114B
MINERAL WELLS, WV 26150-0114

Agent: ROBERT A. ANDERSON

Inspector: MIKE UNDERWOOD
Permit Issued: 03/30/95
Well work Commenced: 5/3/95
Well work Completed: 5/11/95
Verbal Plugging
Permission granted on: N/A
Rotary X Cable Rig
Total Depth (feet) 4929
Fresh water depths (ft) N/A

Salt water depths (ft) N/A

slim hole
Is coal being mined in area (Y/N)? N
Coal Depths (ft):

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Size 7/8"		4785'	3500'

OPEN FLOW DATA

Producing formation Benson, Riley, Bradford Pay zone depth (ft) 4100
Gas: Initial open flow 350 MCF/d Oil: Initial open flow 1/2 Bbl/d
Final open flow 210 MCF/d Final open flow 1/2 Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 1400 psig (surface pressure) after 72 Hours

Second producing formation _____ Pay zone depth (ft) _____
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 pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: DEVONIAN APPALACHIAN COMPANY, INC.

By: Robert A. Anderson
Date: 7/5/95

JUL 1 1995

Perforated 4742-4752-12 shots; 4412-4414-4 shots, 4401-2 shots,
4386-2 shots; 4169-4172-4 shots, 4097-4099-4 shots, 4072-2 shots
Fractured with 750 gal HCl, 60,000# 20/40 Ottawa sand and Nitrogen Foam

3549'
3549-4160
4160-4170
4170-4742
4742-4752
4752-TD

original TD
shale
siltstone
shale and siltstone
Benson
shale

RECEIVED

WV Division of Environmental Protection

NOV 16 92

Permitting Office of Oil & Gas



State of West Virginia

DEPARTMENT OF ENERGY Oil and Gas Division

Date Nov 11, 1992

Operator's Well No. Dillon #4

Farm Dillon

API No. 47 - 95 - 737

WR-35

Reviewed TM6 Recorded CH

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 X /)

LOCATION: Elevation: 792 Watershed McKim Creek District: Meade County Tyler Quadrangle Pennsboro

COMPANY GasSearch Corporation ADDRESS Parkersburg WV 26101 DESIGNATED AGENT Noble Zickefoose ADDRESS Parkersburg WV 26101 SURFACE OWNER C. Dillon ADDRESS St Marys WV MINERAL RIGHTS OWNER C. Dillon ADDRESS St Marys WV OIL AND GAS INSPECTOR FOR THIS WORK Mike Underwood ADDRESS Salem WV 26426 PERMIT ISSUED Unknown DRILLING COMMENCED 11-22-79 DRILLING COMPLETED 11-29-79 IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Table with 4 columns: Casing & Tubing, 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 (938), 7, 5 1/2, 4 1/2 (3199), 3, 2, and Liners used.

GEOLOGICAL TARGET FORMATION Warren Depth 3546 feet

Depth of completed well 3546 feet Rotary X / Cable Tools

Water strata depth: Fresh N/A feet; Salt N/A feet

Coal seam depths: N/A Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Gordon Pay zone depth 2697-2704 feet

Gas: Initial open flow N/A Mcf/d Oil: Initial open flow N/A Bbl/d

Final open flow 10 Mcf/d Final open flow show Bbl/d

Time of open flow between initial and final tests N/A hours

Static rock pressure 125 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 Oil: 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

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

Note: GssSearch purchased Dillon #4 in 1992, all information is from security gas & oil.

Gordon: 2697' to 2704' - 9 holes ± unknown stimulation

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Unknown			0	1000'	
Sand & Shale			1000	1700	
Big Lime			1700	1790	
Keener			1790	1850	
Big Injun			1850	1910	
Squaw			1910	1950	
Shale			1950	2170	
Weir			2170	2220	
Sand & Shale			2220	2708	
Gordon			2708	2718	
Shale			2718	3280	
Warren			3280	3320	
Shale			3320	3546'	-TD

no production data. 11/1/92
kla

RECEIVED
WV Division of
Environmental Protection
NOV 16 92
Permitting
Office of Oil & Gas

(Attach separate sheets as necessary)

GasSearch Corporation
Well Operator
Noble Zickefoose
By: Noble Zickefoose
Date: 11-11-92

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."

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's
Well No. C. S. Dillon #4

API Well No. 47 - 095 - 0737
State County Permi

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

LOCATION: Elevation: 792' Watershed: McKim
District: Meade County: Tyler Quadrangle: Pennsboro 7 1/2

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

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

OIL & GAS
ROYALTY OWNER Clinton S. & Virginia Dillon
Address St. Marys, WV 26170

COAL OPERATOR None
Address _____

Acreage 575

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Same

Name None

Address _____

Address _____

Acreage _____

Name _____

FIELD SALE (IF MADE) TO:

Name _____

Address _____

Address _____

COAL LESSEE WITH DECLARATION ON RECORD:

OIL & GAS INSPECTOR TO BE NOTIFIED

Name Phillip Tracey

Name _____

Address Middlebourne, WV

Address _____

1-304-758-4573

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 Aug. 1, 1979, to the undersigned well operator from Clinton S. & Virginia Dillon

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

Recorded on Sept. 5, 1979, in the office of the Clerk of the County Commission of Tyler County, West Virginia, in Deed Book 220 at page _____. 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 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) 248-2002

Security Gas & Oil Inc.
Well Operator

By Frank E. Reddick
Its Field Supt.

NET BOND

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, Gordon Series

Estimated depth of completed well, 3500 feet Rotary rx / Cable tools /

Approximate water strata depths: Fresh, 250 feet; salt, feet.

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

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	85/8		24lb.	x		250'	250'	85 sacks	Kinds
Fresh water									
Coal									Sizes
Intermediate									
Production	4 1/2		10.5				3500'	400 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 the 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 6-2-80.

[Signature]
Deputy Director - Oil & Gas Division

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 § 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 _____



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 DIVISION OF OIL AND GAS
 1615 Washington Street, East
 Charleston, West Virginia 25311
 Telephone: 348-3500

FYI

ARCH A. MOORE, JR.
 Governor

September 9, 1985

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Dear Mr. Ray G. Miller, Pres.

As designated agent/ or operator you have previously been notified on 8/27/85 and again on 9/4/85 that the wells of Security Gas and Oil Inc. which is permitted as Nos. See Below located on the Attached Sheet tract, near McKim Creek, Meade District, Tyler County, West Virginia, is in violation of West Virginia Code 22B-1-30 & 7:05 and the regulations promulgated thereunder due to Failure to reclaim well sites within (6) mos. after drilling completed, No Identifications by API Numbers...

Now, therefore, take notice that the bond covering said well shall be forfeited as is required by West Virginia Code 22B-1-26 (h) if an agreement satisfactory to the Director is not reached within 15 days from receipt of this notice.

A copy of this notice is being sent by Certified Mail to the Surety on the bond which covers this permit.

If you have any questions concerning this notice, please contact the Division of Oil and Gas of the Department of Energy.

Respectively,

Director, Division Oil & Gas

cc: Surety - National Grange Mutual Insurance Company
 Office of Attorney General, Environmental Protection Division
 District Inspector

In Re: 095-0736 / 0737 / 0754 / 0806 / 0807 / 0835 / 0836 / 0837
 095-0838 / 0840 / 0841 also (1) Pleasant County well 073-0796