

CHARGE:

NOTES:
 FB 2595 PG 56-60,72
 No Water Wells Within 2000'
 Coco A Storage Field
 Farm Map 48 SQ 72 - 63

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS (7 1/2")

This Map is For Well Location Only And Does Not Represent A Complete Property Survey

FILE NO. _____
 DRAWING NO. 7053
 SCALE 1"=2000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION _____

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 ENERGY.

(SIGNED) Shot Nichols
 R.P.E. 9936 L.L.S. 798

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL & GAS
 NITRO, WEST VIRGINIA 25143



DATE NOVEMBER 23, 19 94
 OPERATOR'S WELL NO. 7053
 API WELL NO. 47 039 012960

WELL TYPE: OIL _____ GAS X LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION _____ STORAGE X DEEP _____ SHALLOW _____

LOCATION: ELEVATION 1052 WATER SHED BLUE CREEK
 DISTRICT ELK COUNTY KANAWHA
 QUADRANGLE BLUE CREEK, WV COORDINATES LAT: 38° 24' 40" LONG: 81° 24' 56"

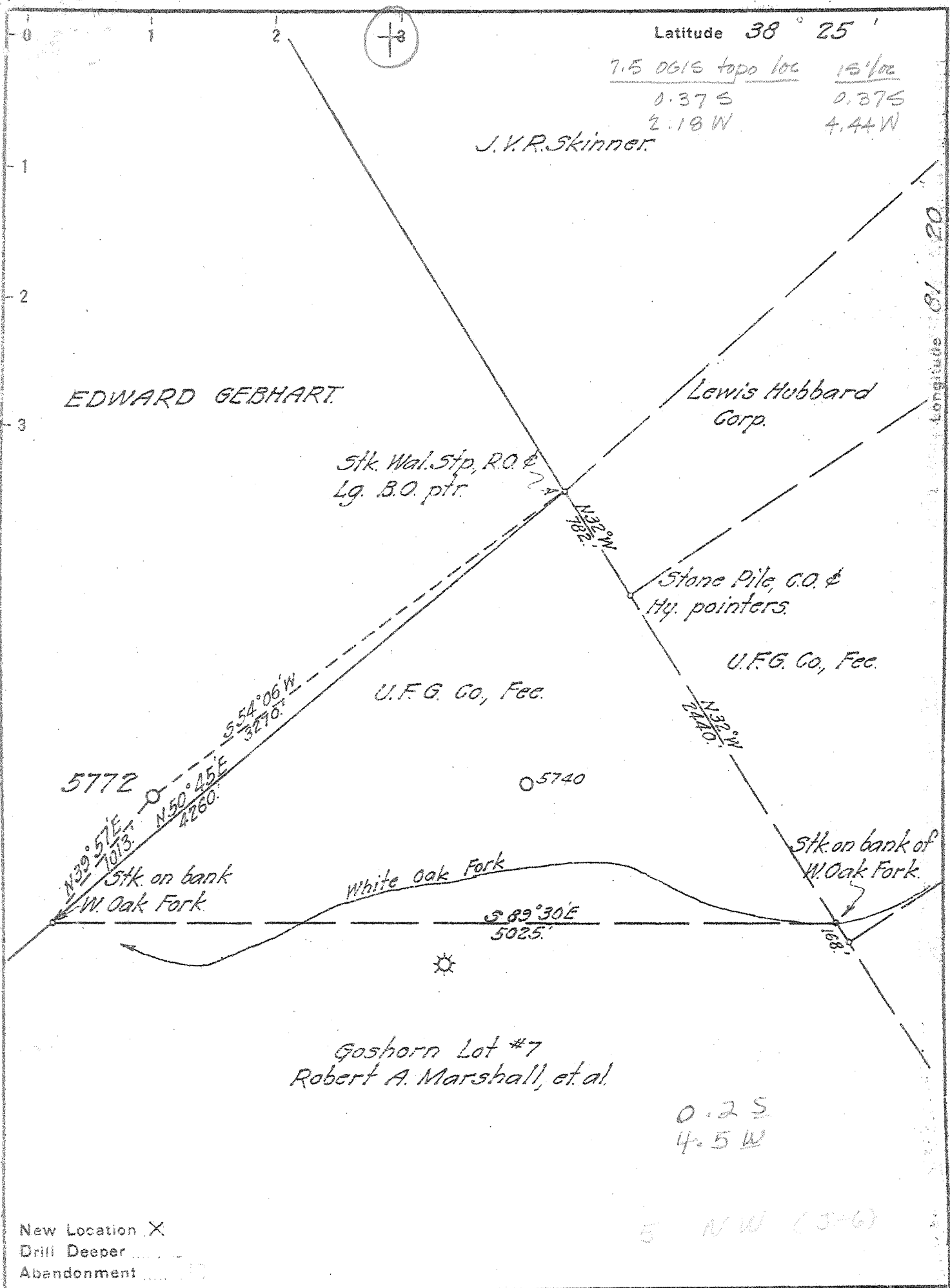
SURFACE OWNER ROBERT EVANS ETAL ACREAGE _____
 OIL & GAS ROYALTY OWNER EDWARD GEBHART LEASE ACREAGE _____
 COAL OWNER _____ LEASE NO. 881

PROPOSED WORK: DRILL _____ CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) STORAGE RECONDITION

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION Delaware ESTIMATED DEPTH 5475'
 WELL OPERATOR COLUMBIA GAS TRANS CORP DESIGNATED AGENT RICHARD L COTY
 ADDRESS PO BOX 1273, CHARLESTON, WV 25325 - 1273 ADDRESS PO BOX 1273, CHARLESTON, WV 25325 - 1273

DEC 6 1996

KANAWHA COUNTY NAME PERMIT 724



New Location X
 Drill Deeper
 Abandonment

Company	UNITED FUEL GAS CO.
Address	CHARLESTON W. VA.
Farm	EDWARD GEBHART
Tract	Acres 900 Lease No. 881
Well (Farm) No.	23 Serial No. 5772
Elevation (Spirit Level)	1052.36 Gr.
Quadrangle	GLENDENIN - C
County	KANAWHA District ELK
Engineer	<i>J.H. Moore</i>
Engineer's Registration No.	662
File No.	72-63 Drawing No.
Date	July 8, 1946 Scale 1" = 800'

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

WELL LOCATION MAP
 FILE NO. KAN-1296

+ 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.

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

Deep Well

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. Kan 1296

Gas Well
CASING & TUBING

Clendenin Quad.

Company

United Fuel Gas Co.

Address

P.O. Box 1273, Charleston 25, W.Va.

Farm

Edward Gebhart Acres 900

Location

Blue Creek

Well No.

5772 Elev. 1052.4 Gr

District

Elk Kanawha County

Surface

Coal at 257' 36"

Mineral

Kanawha Crude Oil Co.

338' 24"

c/o W.O. Abney, Treas.

1428 Va. St., Charleston 25, W.Va.

Commenced

10-3-46

Completed

1-25-47

Not shot

Rock Pressure

800 lbs. 32 hrs.

Salt Water

1000' H.F.

Soil	0	10
Sandy Clay	10	50
Sand	50	170
Slate	170	215
Sand	215	235
Slate	235	257
-Coal	257	260
Slate	260	275
Sand	275	307
Slate	307	320
Sand	320	338
-Coal	338	340
Lime	340	355
Slate	355	425
Sand	425	460
Slate	460	475
Sand	475	525
Slate & Shells	525	670
Sand	670	685
Slate & Shells	685	710
Sand	710	765
Slate	765	800
Sand	800	825
Slate	825	910
-Sand Salt	910	1155
Slate	1155	1180
-Sand	1180	1304
Slate	1304	1309
-Sand	1309	1365
Slate	1365	1370
Sand	1370	1414
Slate	1414	1425
Red Rock	1425	1432
-Sand	1432	1552
Slate	1552	1555
-Lime	1555	1602
-Pencil Cave	1602	1609
-Big Lime	1609	1775
-Keener	1775	1795
-Injun	1795	1830
-Weir Sand	1830	2038
Slate & Shells	2038	3950
Br. Shale	3950	4100
Slate & Shells	4100	4830
Br. Shale	4830	5115
White Shale	5115	5140
Br. Shale	5140	5190
-Black Shale	5190	5222
-Corniferous Lime	5222	5340
-Oriskany Sand	5340	5360
Blk. Lime - <i>held</i>	5360	5362
Total Depth		5362

5222	5340
1052	1052
4170	4288

Gas 1680' show

Weir Gas 1835-1850

Gas 1925-1935 increased

Gas 5346-5354 Oriskany

JAN 21 1998

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: EVANS, ROBERT S. ETAL. Operator Well No.: COCO 7053

LOCATION: Elevation: 1,052.00 Quadrangle: BLUE CREEK

District: ELK County: KANAWHA
 Latitude: 2000 Feet South of 38 Deg. 25Min. 0 Sec.
 Longitude 11550 Feet West of 81 Deg. 22 Min. 30 Sec.

Company: COLUMBIA GAS TRANSMISSION
 P. O. BOX 1273
 CHARLESTON, WV 25325-1273

Agent: RICHARD L. COTY

Inspector: CARLOS HIVELEY
 Permit Issued: 12/04/96
 Well work Commenced: 07-22-97
 Well work Completed: 07/29/97
 Verbal Plugging _____
 Permission granted on: _____
 Rotary Cable Rig
 Total Depth (feet) 5362'
 Fresh water depths (ft) _____
 Not Reported
 Salt water depths (ft) _____
 1000'
 Is coal being mined in area (Y/N)? N
 Coal Depths (ft): Not Reported

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
14"		102'	
10 3/4"		1621'	
8 5/8"		2077'	
7"		5232'	164SX
4 1/2"		5340'	212SX

OPEN FLOW DATA

Producing formation ORISKANY STORAGE Pay zone depth (ft) 5340'-5360'
 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

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: COLUMBIA GAS TRANSMISSION CORP.

By: *[Signature]*
 Date: 1-15-98

JAN 23 1998

Stimulated ORISKANY using 2000 gals. 20 % FE Acid.

DATE: 10/15/83

WELL: 10-10-10

TIME: 10:00 AM

OPERATOR: [illegible]

LOCATION: [illegible]

DEPTH: [illegible]

TEMP: [illegible]

PRESS: [illegible]

FLOW: [illegible]

STATUS: [illegible]

REMARKS: [illegible]

INITIALS: [illegible]

SIGNATURE: [illegible]

DATE: [illegible]

DATE: 10/15/83

WELL: 10-10-10

TIME: 10:00 AM

OPERATOR: [illegible]

LOCATION: [illegible]

DEPTH: [illegible]

TEMP: [illegible]

PRESS: [illegible]

FLOW: [illegible]

STATUS: [illegible]

REMARKS: [illegible]

INITIALS: [illegible]

SIGNATURE: [illegible]

DATE: [illegible]

OPEN FLOW [illegible]

Production formation [illegible]

Good initial open flow [illegible]

Flow rate [illegible]

Time of open flow [illegible]

Pressure [illegible]

Temperature [illegible]

Flow rate [illegible]

Pressure [illegible]

Temperature [illegible]

Flow rate [illegible]

Pressure [illegible]

Temperature [illegible]

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

10450 (4)

258

1) Well Operator: Columbia Gas Transmission Corp.

2) Operator's Well Number: 7053 3) Elevation: 1052

Well type: (a) Oil ___ / or Gas X /
(b) If Gas: Production ___ / Underground Storage X /
Deep X / Shallow ___ /

Issued 12/04/96
Expires 12/04/98

Proposed Target Formation(s): Oriskany⁴⁷⁵ Sandstone

Proposed Total Depth: 5475 feet

Approximate fresh water strata depths: N/A

8) Approximate salt water depths: 1000'

9) Approximate coal seam depths: N/A

10) Does land contain coal seams tributary to active mine? Yes ___ / No X /

11) Proposed Well Work: Install API 3000 wellhead. Drill well

12) 100' deeper. Log. Stimulate Oriskany. Install tubing if needed.

CASING AND TUBING PROGRAM

TYPE SPECIFICATIONS FOOTAGE INTERVALS CEMENT

	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	13 3/8"		42	102'	102'	105
Fresh Water	10 3/4"		32	1621'	1621'	1615
Coal	8 5/8"		28	2077'	2077'	2182
Intermediate	7"		22-24	5232'	5232'	5259
Production	4 1/2"		12.6	5342'	5342'	
Tubing						
Liners		C. H.	10-32-96			

Office of Oil & Gas
Permitting
NOV 18 1996
Environmental Protection
Division of

Photo
from
1946
well records

205K/let/1

PACKERS : Kind _____
Sizes _____
Depths set _____

For Office of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
Plat WW-9 WW-2B Bond Blanket Agent

collected 30

RECEIVED
WV Division of
Environmental Protection
NOV 18 1996
Permitting
Office of Oil & Gas

- 1) Date: 10/25/96
- 2) Operator's well number
COCO-A WELL #07053
- 3) API Well No: 47 - 039 - 01296 -D
State - County - Permit

**STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS**

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
 - a) Name Robert S. Evans, et. al.
Address #8 Seneca Drive
Elkview, WV 25071
 - b) Name _____
Address _____
 - c) Name _____
Address _____
- 6) Inspector Carlos W. Hiviely
Address 223 Pinch Ridge Road
Elkview, WV 25071
Telephone (304) - 965-6069

- 5) (a) Coal Operator :
Name _____
Address _____
- (b) Coal Owner (s) with Declaration
Name Robert S Evans, et. al.
Address #8 Seneca Drive
Elkview, WV 25071
Name _____
Address _____
- (c) Coal Lessee with Declaration
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR X Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through on the above named parties, by:

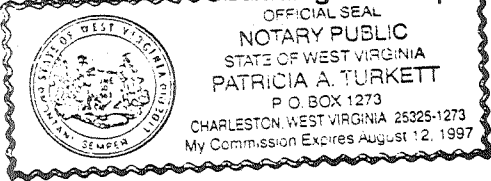
- Personal Service (Affidavit attached)
- X Certified Mail (Postmarked postal receipt attached)
- Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator COLUMBIA GAS TRANSMISSION CORP.
By: [Signature]
Its: Storage Engineer / Well Services
Address P. O. Box 1808
St. Albans, WV 25177-1808
Telephone (304) 722-8612



Subscribed and sworn before me this 4th day of November, 19 96

Patricia A. Turkett Notary Public
My commission expires August 12, 1997