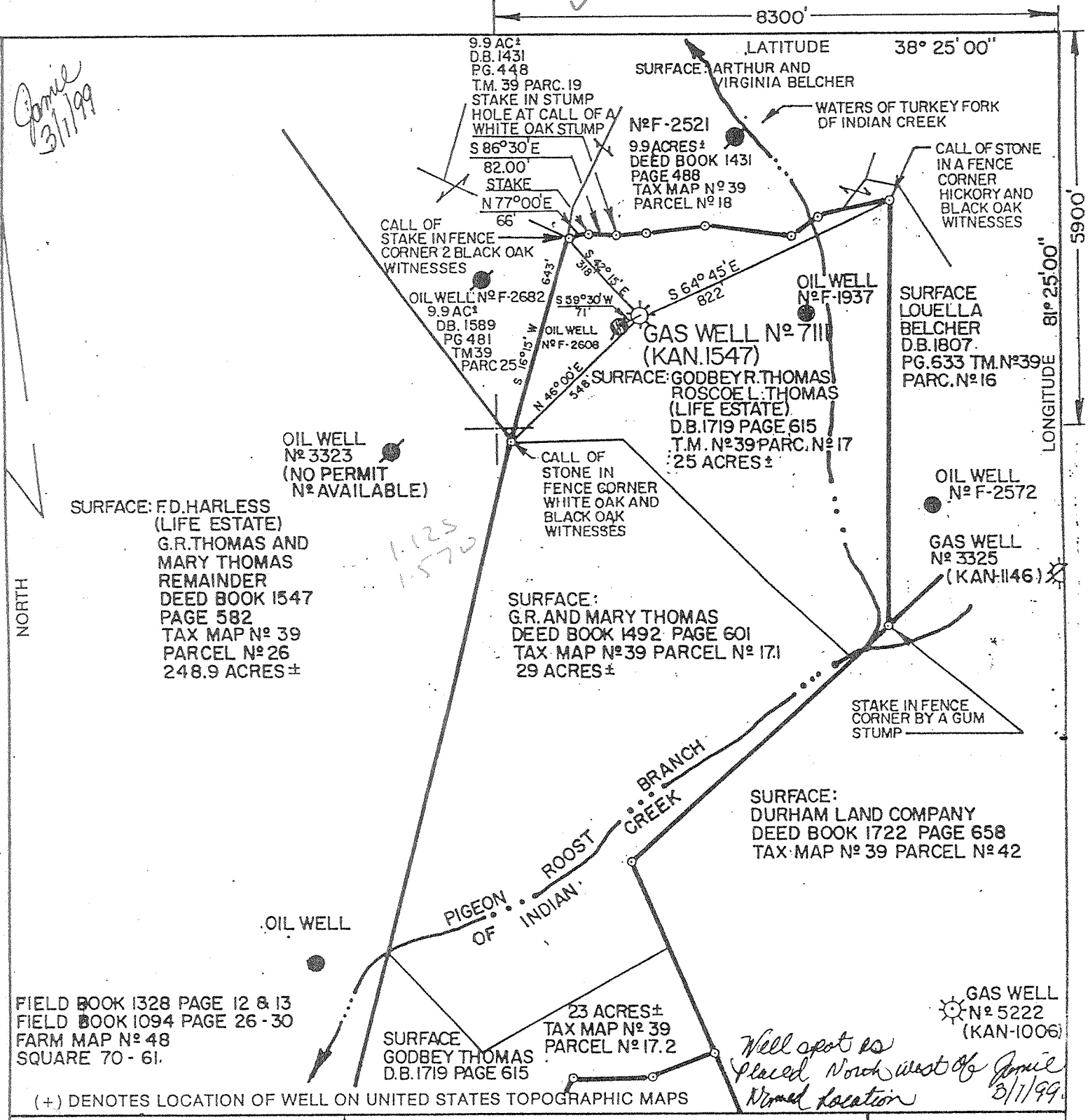


*Janice
3/1/99*



FIELD BOOK 1328 PAGE 12 & 13
FIELD BOOK 1094 PAGE 26 - 30
FARM MAP No 48
SQUARE 70 - 61.

*1.125
1.570*

Well spot as placed North west of Janice 3/1/99

FILE NO. _____
DRAWING NO. 7111
SCALE 1" = 400'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION TOP OF CASING PIPE
WELL No F-2608 ELEV. 1054

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) *Charles English Davidson*
R.P.E. _____ L.L.S. 819

PLACE SEAL HERE

WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
#10 McJUNKIN ROAD
NITRO, WEST VIRGINIA 25143-2506



DATE JANUARY 21, 1999
OPERATOR'S WELL NO. 7111
API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1029' WATER SHED PIGEON ROOST BRANCH OF INDIAN CREEK
DISTRICT ELK COUNTY KANAWHA
QUADRANGLE BLUE CREEK, WV CO-ORDINATES: LAT: 38° 24' 01" LONG: 81° 26' 45"

SURFACE OWNER GODBEY R. THOMAS (ROSCOE L. THOMAS, LIFE) ACREAGE 25 ACRES ±
OIL & GAS ROYALTY OWNER R. L. THOMAS ET AL. LEASE ACREAGE 77.5 ACRES ±
COAL OWNER GODBEY R. THOMAS (ROSCOE L. THOMAS, LIFE) LEASE NO. 14633

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

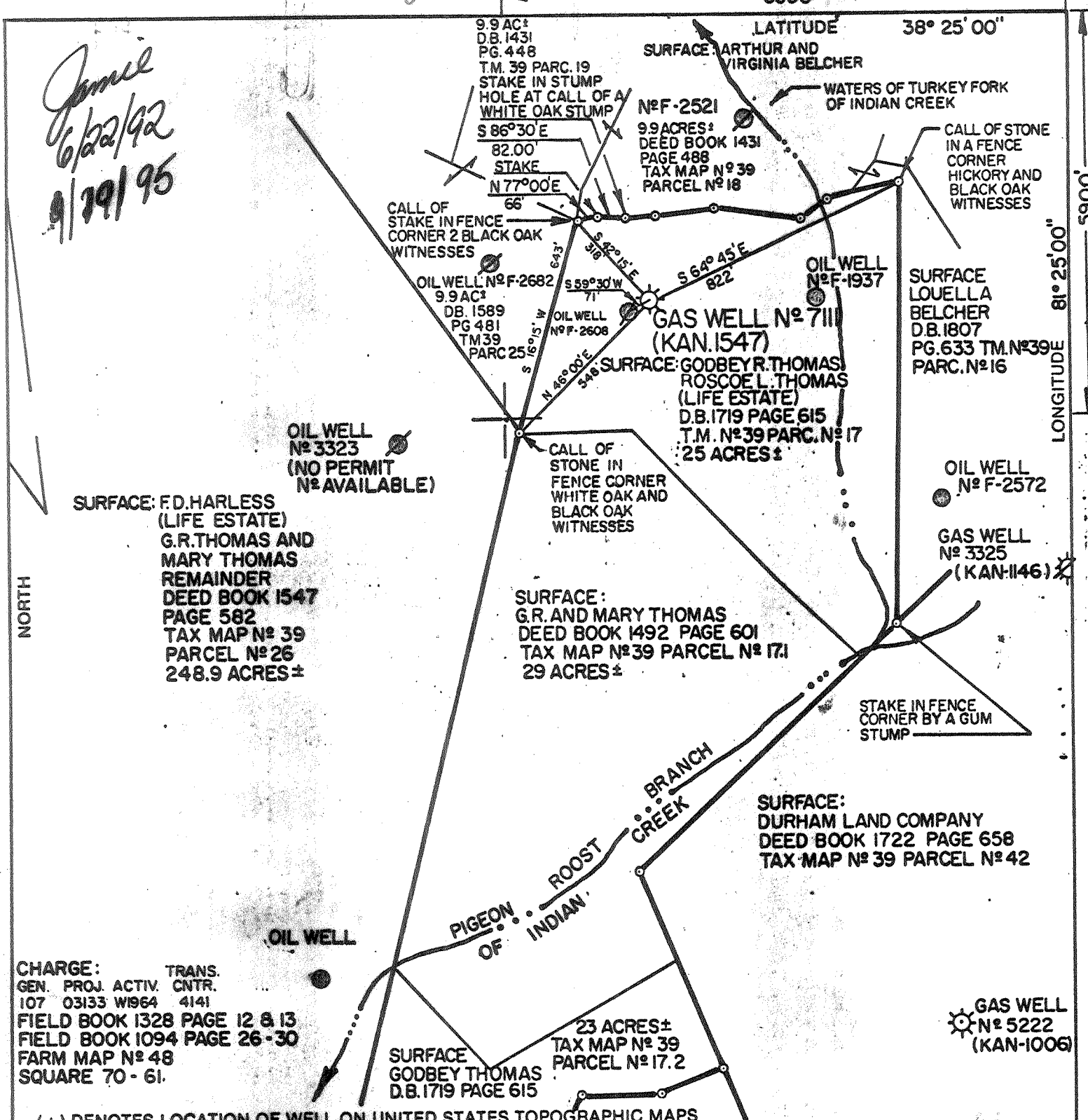
Rework & plug existing storage well drilled in 1951
PLUG AND ABANDON CLEAN OUT AND REPLUG
TARGET FORMATION ORISKANY ESTIMATED DEPTH 5347'
WELL OPERATOR COLUMBIA GAS TRANSMISSION CORP. DESIGNATED AGENT RICHARD L. COTY
ADDRESS P.O. BOX 1273 CHARLESTON, WV 25325 ADDRESS P.O. BOX 1273 CHARLESTON, WV 25325

MAR 16 1999

FORM WW-6
HALLS - INC. 068065

KANAWHA COUNTY NAME
1547 - F PERMIT

Janice
6/22/92
9/29/95



CHARGE: GEN. PROJ. ACTIV. CNTR. 107 03133 W1964 4141
TRANS. 4141
FIELD BOOK 1328 PAGE 12 & 13
FIELD BOOK 1094 PAGE 26-30
FARM MAP N° 48
SQUARE 70-61.

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 400'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION TOP OF CASING PIPE
WELL N° F-2608 ELEV. 1054

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) [Signature]
R.P.E. _____ L.L.S. 798



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION

DATE FEBRUARY 8, 19 91
OPERATOR'S WELL NO. 7111
API WELL NO. 47-039-1547 W
STATE COUNTY PERMIT Frac-Concrete

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

LOCATION: ELEVATION 1029' WATER SHED PIGEON ROOST BRANCH OF INDIAN CREEK
DISTRICT ELK COUNTY KANAWHA
QUADRANGLE BLUE CREEK, WV CO-ORDINATES: LAT: 38° 24' 01" LONG: 81° 26' 45"

SURFACE OWNER GODBEY R. THOMAS (ROSCOE L. THOMAS, LIFE) ACREAGE 25 ACRES ±
OIL & GAS ROYALTY OWNER R.L. THOMAS ET AL. LEASE ACREAGE 77.5 ACRES ±
LEASE NO. 14633

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

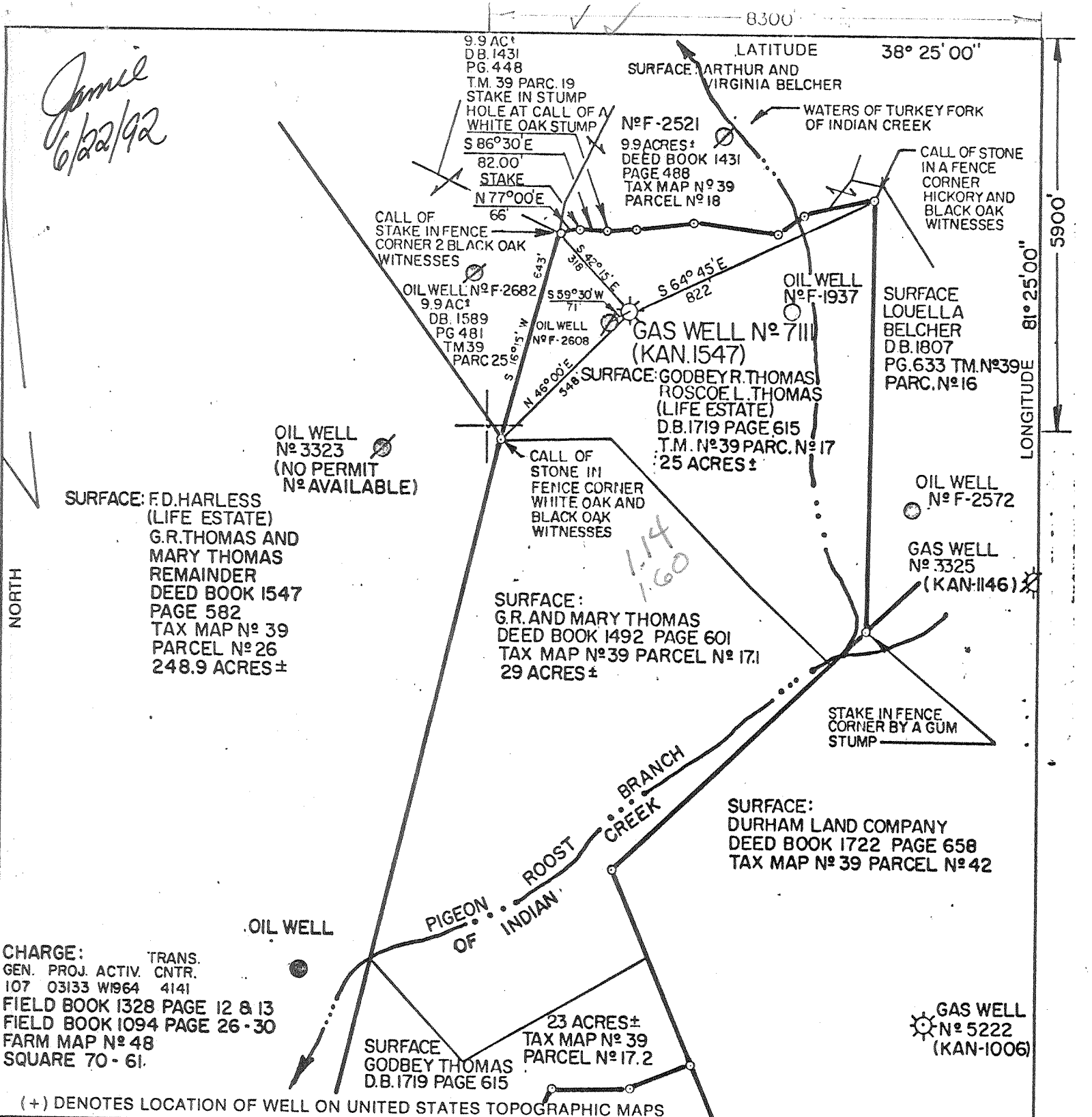
PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION Altoona ESTIMATED DEPTH 5317' DEC 19 1997
WELL OPERATOR COLUMBIA GAS TRANSMISSION CORP. DESIGNATED AGENT ROBERT C. WEIDNER
ADDRESS P.O. BOX 1273 CHARLESTON, WV 25325 ADDRESS P.O. BOX 1273 CHARLESTON, WV 25325

FORM WW-6
ALLS. INC. 068065

KANAWHA COUNTY NAME
1547 W-E PERMIT

Jamie
6/22/92

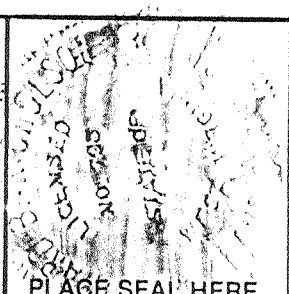


CHARGE: GEN. PROJ. ACTIV. CNTR. 107 03133 W1964 4141
 TRANS. FIELD BOOK 1328 PAGE 12 & 13
 FIELD BOOK 1094 PAGE 26 - 30
 FARM MAP No 48 SQUARE 70 - 61.

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION TOP OF CASING PIPE
 WELL No F-2608 ELEV. 1054

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) [Signature]
 R.P.E. _____ L.L.S. 798



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION

DATE FEBRUARY 8, 19 91
 OPERATOR'S WELL NO. 7111
 API WELL NO. 47-039-1547 W
 STATE 47 COUNTY 039 PERMIT 1547 W

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1029' WATER SHED PIGEON ROOST BRANCH OF INDIAN CREEK
 DISTRICT ELK COUNTY KANAWHA
 QUADRANGLE BLUE CREEK, WV CO-ORDINATES: LAT: 38° 24' 01" LONG: 81° 26' 45"
 SURFACE OWNER GODBEY R. THOMAS (ROSCOE L. THOMAS, LIFE) ACREAGE 25 ACRES ±
 OIL & GAS ROYALTY OWNER R. L. THOMAS ET AL. LEASE ACREAGE 77.5 ACRES ±
 LEASE NO. 14633
 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 _____ ESTIMATED DEPTH _____
 WELL OPERATOR COLUMBIA GAS TRANSMISSION CORP. DESIGNATED AGENT ROBERT C. WEIDNER
 ADDRESS P.O. BOX 1273 CHARLESTON, WV 25325 ADDRESS P.O. BOX 1273 CHARLESTON, WV 25325

KAWA/H/A
 COUNTY NAME
 1547
 PERMIT

JUN 20 1992

P

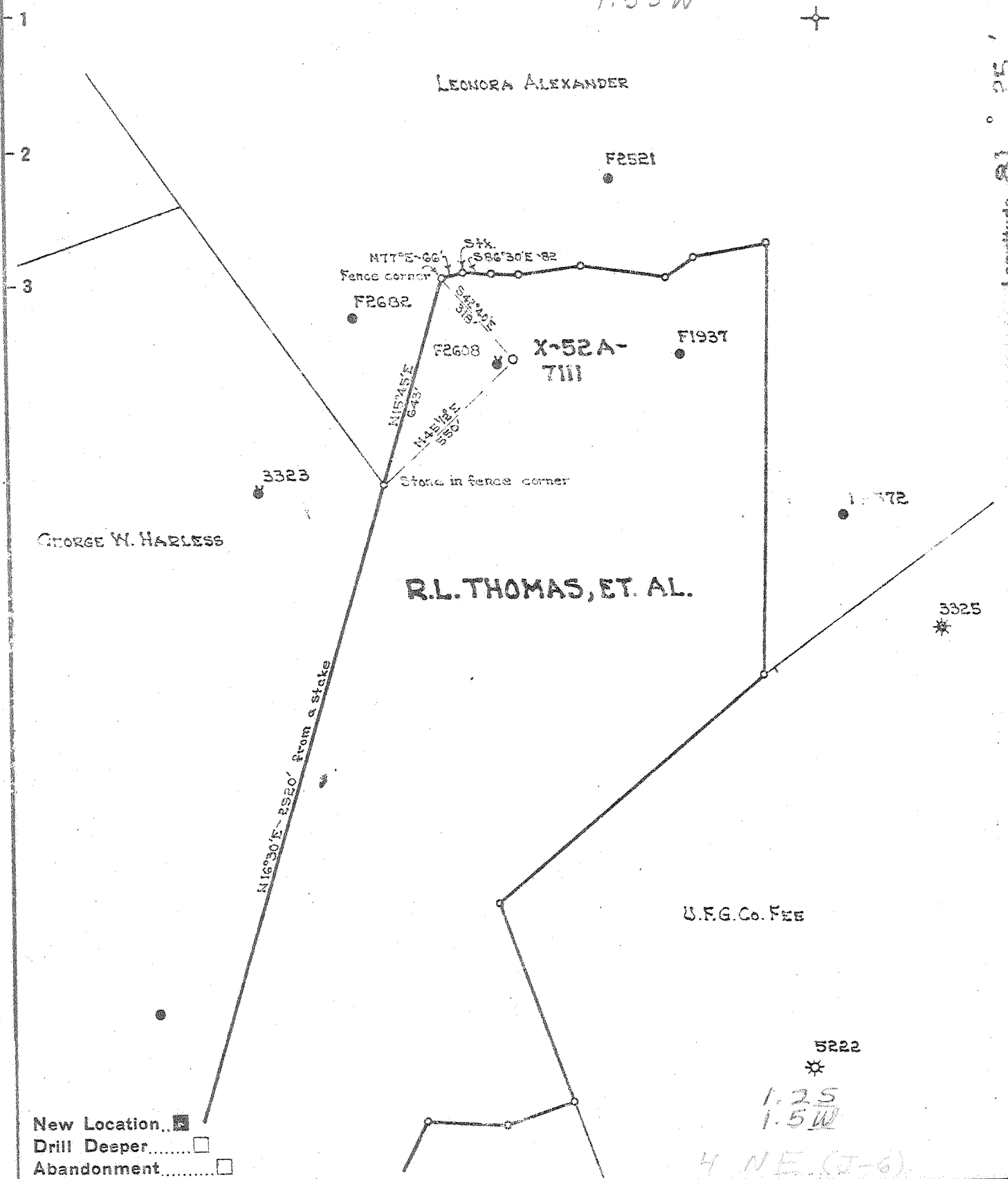
Latitude 38 25

7.5 0415 topo loc 15' 102

1.25 S
1.55 W



Latitude 31 25



New Location
 Drill Deeper
 Abandonment

5222
 *
 1.25
 1.5 W
 4 NE (I-6)

Company UNITED FUEL GAS CO.
 Address CHARLESTON, W.VA.
 Farm R.L. THOMAS ET. AL.
 Tract Acres 77 1/2 Lease No. 14633
 Well (Farm) No. 3 Serial No. X52A-7111
 Elevation (Spirit Level) 1029.22
 Quadrangle CLENDENIN - WC
 County KANAWHA District ELK
 Engineer _____
 Engineer's Registration No. 662
 File No. 70-61 Drawing No. _____
 Date 10-12-50 Scale 1"=400'

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

WELL LOCATION MAP
 FILE NO. KAN-1547

+ 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.

Orisk Storage 200 200 Deep Well

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

Permit No. Kan - 1547
Glendelin Quad.

Gas Well

Casing & Tubing

Company	United Fuel Gas Co.			
Address	P. O. Box 1273, Chas., 25., W. Va.	10-3/4	1442	1442
Farm	R. L. Thomas, et al Acres 77.5	8-5/8	1656	1656
Location	Pigeon Roost Br. of Indian Ck.	7"	5200	5200
Well No.	X-52A-7111 Elev. 1029.22			
District	Elk County Kanawha			
Mineral	Roscoe L. Thomas, et al Pinch, W.Va.			
Commenced	8/28/50			
Completed	1/2 51			
Date Shot	1/3/51			
	With 100# gel.			
Open Flow	44/10ths water in 7"			
Volume	2,862 M Oriskany			
Rock Pressure	630 lbs. 19 hrs.			
Fresh water	205 feet			
Salt water	1010, 1020			

Soil	0	12	-Pencil Cave	1642	1645
Sand	12	25	-Big Lime	1645	1800
Blue Mud	25	60	-Injun	1800	1830
Sand	60	100	Black Lime	1830	1850 Gas 1910-20
Slate & Mud	100	200			Weir
Sand	200	235	-Weir sand	1850	2050
Slate & Mud	235	270	Slate & shs.	2050	2365
Sand	270	325	-Berea shs.	2365	2380
Slate	325	340	Slate & shs.	2380	3385
Black Lime	340	360	Brown shale	3385	3450
Blue Mud	360	385	Slate & shs.	3450	3950
Sand & Slate,			Brown shale	3950	4050
shs.	385	860	Slate & shs.	4050	4362
Dark Lime	860	885	White Slate	4362	4685
Slate	885	920	Dark slate	4685	4800
Salt sand	920	1150	Brown shale	4800	5065
Slate & coal	1150	1155	Slate	5065	5095
Sandy Lime	1155	1200	Brown shale	5095	5130
Sand	1200	1438	-Black shale	5130	5168
Slate	1438	1440	-Corniferous		
Lime	1440	1444	Lime	5168	5296
Slate	1444	1450	-Oriskany sand	5296	5317 TD
Red Rock	1450	1455	Gas 5308-5315	18/10 W 7" 22#	1,831 M
Slate	1455	1460			Oriskany
Red Rock	1460	1480			
Dark Lime	1480	1510	Test before shot	18/10 W 7" 1,831 M	
Slate	1510	1520	Shot 1/3/51 with 100# gel. from 5307		
Red rock	1520	1540	to 5317. Test 1 hr. after shot 4 4/10		
Slate	1540	1549	W 7" 2,862 M		
-Maxon	1549	1575			
Slate	1575	1577	Final open flow: 2,862 M - Oriskany		
-Little Lime	1577	1615	19 hr. r. p. 630#		
Slate	1615	1625			
Shell	1625	1627	Shut in 1/3/51 in 7" casing.		
Pencil Cave	1627	1635			
Lime	1635	1642			

5168 5296
1029 1029

4139 4267

MAR 03 1995

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: THOMAS GODBEY R Operator Well No.: 7111

LOCATION: Elevation: 1029.00 Quadrangle: BLUE CREEK

District: ELK County: KANAWHA
Latitude: 5900 Feet South of 38 Deg. 25Min. 0 Sec.
Longitude 8300 Feet West of 81 Deg. 25 Min. 0 Sec.

Company: COLUMBIA GAS TRANSMISSION
1700 MacCORKLE AVENUE S.E.
CHARLESTON, WV 25314-0000

Agent: ROBERT C. WEIDNER

Inspector: CARLOS W. HIVELY
Permit Issued: 06/24/92
Well work Commenced: 08/16/93
Well work Completed: 9/24/93
Verbal Plugging
Permission granted on:
Rotary Cable _____ Rig
Total Depth (feet) _____
Fresh water depths (ft) 150

Salt water depths (ft) 380

Is coal being mined in area (Y/N)? N
Coal Depths (ft): APP: 1000

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
10-3/4"	1513'	-0-	-
8-5/8"	1660'	1660'	Squeeze-cemented w/ 285-sx-
7"	5247'	5247'	-
2-3/8"	5305'	5305'	-

OPEN FLOW DATA

- Additional Information on back -

Producing formation ORISKANY SANDSTONE Pay zone depth (ft) 5296-5317
Gas: Initial open flow 6700 MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 790 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 1486 psig (surface pressure) after _____ Hours

N/A

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. WELL LOG - SEE PREVIOUSLY SUBMITTED INFORMATION

For: COLUMBIA GAS TRANSMISSION CORP.

By: Richard L. Coty
Date: 3/2/95

MAR 2 1995

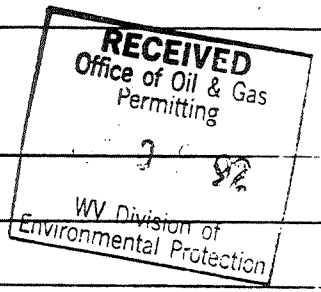
- 1) KILLED THE WELL AND PULLED 2-3/8" TUBING.
- 2) RAN CBL ON 7" CASING.
- 3) RAN VERTILOG ON 7" CASING.
- 4) STRING SHOT AND BACKED OFF 1014' OF 7" CASING.
- 5) RAN CBL ON 8-5/8" CASING.
- 6) PERFORATED 8-5/8" CASING @ 500' with 4 shots/ft for 1 ft.
- 7) SQUEEZED CEMENTED BEHIND 8-5/8" CASING W/ 285 SACKS OF CLASS A CEMENT - CEMENT RETURNS TO THE SURFACE.
- 8) RAN CBL ON 8-5/8" CASING.
- 9) GROUTED BEHIND TOP JOINT OF 8-5/8" CASING.
- 10) RAN 1017' OF NEW 7" 23#/FT CASING.
- 11) PRESSURE TESTED 7" CASING TO 2000 psi FOR 20 MINUTES - TESTED O.K.
- 12) INSTALLED NEW 8-5/8" X 7" API 3000 FLANGED CASING HEAD.
- 13) CLEANED OUT HOLE W/ 6-1/8" BIT TO 5305'.
- 14) RAN NEW 2-3/8" 4.6#/FT 10 R TUBING TO 5305'.
- 15) SPOTTED 1000 GAL. OF 20% FE ACID W/ ADDITIVES AND PUMPED ACID INTO FORMATION.
- 16) SWABBED WELL; FLOWED WELL.

039-1547W

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
WELL WORK PERMIT APPLICATION

Issued 6/24/92
Expires 6/24/94

- 1) Well Operator: COLUMBIA GAS TRANSMISSION CORP. 10450 (4) 258
- 2) Operator's Well Number: Well No. 7111, Coco A Storage 3) Elevation: 1029'
- 4) Well type: (a) Oil / or Gas X/
(b) If Gas: Production / Underground Storage X/
Deep X/ Shallow /
- 5) Proposed Target Formation(s): Oriskany Sand
- 6) Proposed Total Depth: 5317' feet
- 7) Approximate fresh water strata depths: 150' est.
- 8) Approximate salt water depths: 380' est.
- 9) Approximate coal seam depths: 1,000 est.
- 10) Does land contain coal seams tributary to active mine? Yes / No X/
- 11) Proposed Well Work: A) Pull & replace 2-3/8" tubing and partial replacement of the 7" csg. B) Perforate & squeeze the 8-5/8" casing. C) Install 3000 psi API flanged
- 12) wellhead assembly.



CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor						
Fresh Water						
Coal	10-3/4"	-	45.5	1513'	-0-	-
Intermediate	8-5/8"	-	32	1660'	1660'	comb. gel/cement approx. 1000' - 224 cu. ft.
Production	7"	-	23	5247'	5247'	-
Tubing	2-3/8"	-	4.6	5288'	5288'	--
Liners						

PACKERS : Kind none
Sizes
Depths set

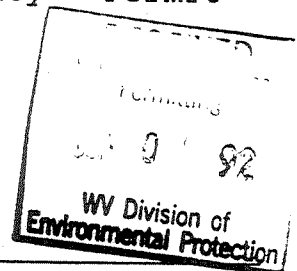
For Division of Oil and Gas Use Only

173385
23

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

1) Date: April 1, 1992
2) Operator's well number
Well 7111, Coco A Storage Field
3) API Well No: 47 - 039 - 01547-Rewor
State - County - Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
NOTICE AND APPLICATION FOR A WELL WORK PERMIT



4) Surface Owner(s) to be served:
(a) Name Godbey R. Thomas
Address 177 Pinch Ridge Rd.
Elkview, WV 25071
(b) Name _____
Address _____
(c) Name _____
Address _____

5) (a) Coal Operator:
Name none
Address _____
(b) Coal Owner(s) with Declaration
Name none
Address _____
Name _____
Address _____

6) Inspector Carlos Hively
Address 223 Pinch Ridge Road
Elkview, WV 25071
Telephone (304)-965-6069

(c) Coal Lessee with Declaration
Name none
Address _____

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

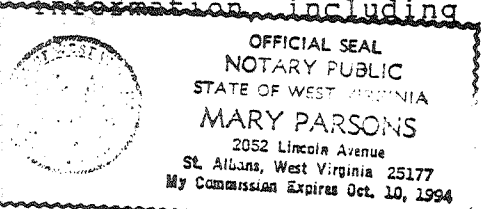
_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
 Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B 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)
 Certified Mail (Postmarked postal receipt attached)
_____ Publication (Notice of Publication attached)

I have read and understand Chapter 22B 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: Director, Drilling & Maintenance
Address P. O. Box 1273
Charleston, WV 25325-1273
Telephone (304) 357-2459



Subscribed and sworn before me this 27th day of May, 1992
Mary Parsons Notary Public
My commission expires October 10, 1994.

RECEIVED

WV Division of Environmental Protection
FORM WW-2B

AUG 29 1995

039-1547-Frac Issued 09/14/95

Page 1 of 1

Expires 09/14/97

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
WELL WORK PERMIT APPLICATION

Permitting

- 1) Office of Oil & Gas Well Operator: 175 COLUMBIA GAS TRANSMISSION CORPORATION (10450) (4) 258
- 2) Operator's Well Number: 7111 Coco A Storage 3) Elevation: 1029'
- 4) Well type: (a) Oil / or Gas X/
(b) If Gas: Production / Underground Storage X/
Deep X/ Shallow /
- 5) Proposed Target Formation(s): Oriskany Sand⁴⁷⁵
- 6) Proposed Total Depth: 5317 feet
- 7) Approximate fresh water strata depths: 150' est.
- 8) Approximate salt water depths: 380' est.
- 9) Approximate coal seam depths: 1,000' est.
- 10) Does land contain coal seams tributary to active mine? Yes / No X/
- 11) Proposed Well Work: Stimulate the existing Storage Formation (Oriskany) by Hydraulic Fracturing.
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor						
Fresh Water	<u>8 5/8"</u>	ALL INFORMATION THE SAME AS SUBMITTED IN 1992 EXCEPT FOR			<u>1660'</u>	<u>Squashed</u>
Coal			ITEM NO. 11.			<u>285 SKS</u>
Intermediate	<u>7 1/2"</u>				<u>5247'</u>	
Production						
Tubing	<u>2 3/8"</u>				<u>5305'</u>	
Liners						

PACKERS : Kind _____
Sizes _____
Depths set _____

For Division of Oil and Gas Use Only

1047
370

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

RECEIVED

WV Division of Environmental Protection

AUG 29 1995

Permitting Office of Oil & Gas

STATE OF WEST VIRGINIA

DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

Page 1 of 1
Form WW2-A
(09/87)
File Copy

- 1) Date: August 11, 1995
2) Operator's well number Well 7111, Coco A Storage Field
3) API Well No: 47 - 039 - 01547 -FRAC
State - County - Permit

4) Surface Owner(s) to be served:
(a) Name Godbey R. Thomas
Address 177 Pinch Ridge Rd.
Elkview, WV 25071
(b) Name
Address
(c) Name
Address

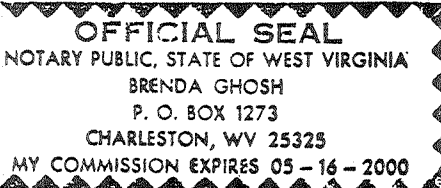
5) (a) Coal Operator:
Name
Address
(b) Coal Owner(s) with Declaration
Name
Address
(c) Coal Lessee with Declaration
Name
Address

6) Inspector Carlos Hively
Address 223 Pinch Ridge Road
Elkview, WV 25071
Telephone (304)- 965-6069

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 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)
I certify that as required under Chapter 22B 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:
X Certified Mail (Postmarked postal receipt attached)
Publication (Notice of Publication attached)

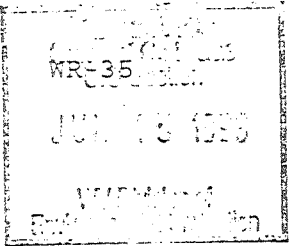
I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and 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 CORPORATION
By: Richard L. Coty
Its: Manager, Well Services
Address P. O. Box 1273
Charleston, WV 25325-1273
Telephone (304) 357-3034

Subscribed and sworn before me this 11th day of August, 1995

Brenda Ghosh Notary Public
My commission expires May 16, 2000



11-Mar-99
API # 47- 39-01547 F

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas
Well Operator's Report of Well Work

Permit # 98

Farm name: THOMAS, GODBEY R Operator Well No.: COCO "A" 7111

LOCATION: Elevation: 1,029.00 Quadrangle: BLUE CREEK

District: ELK County: KANAWHA
Latitude: 5900 Feet South of 38 Deg. 25Min. 0 Sec.
Longitude 8300 Feet West of 81 Deg. 25 Min. 0 Sec.

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

Agent: RICHARD L. COTY

Inspector: CARLOS HIVELY
Permit Issued: 03/12/99
Well work Commenced: 05-12-99
Well work Completed: 06-16-99
Verbal Plugging
Permission granted on:
Rotary Cable Rig
Total Depth (feet) 5357'
Fresh water depths (ft) 200' - 235'
Salt water depths (ft) 1010' - 1020'

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8-5/8", 28 lb		1660'	To surface
7", 23 lb		5247'	To 3343'
4-1/2", 11.6 lb		5341'	90 sx

Is coal being mined in area (Y/N)? No
Coal Depths (ft): 1150' - 1155'

OPEN FLOW DATA * Storage well - Rates and pressures variable

Producing formation Oriskany Pay zone depth (ft) 5300' - 5312'
Gas: Initial open flow N/A MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow N/A MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests N/A Hours
Static rock Pressure N/A psig (surface pressure) after N/A 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: Paul Amick
Date: 07/09/99

KAN 1547 F

JUL 26 1999

Pulled 5178' of 2-3/8" tubing. Drilled well 50' deeper, ran 5341' of 4-1/2", 11.6 lb, N-80 casing and cemented with 90 sx of Class "A" cement (10% salt), perf'd Oriskany 5300' - 5312' with 6 SPF, and pumped an N2-Assist Deltafrac using 500 gallons of 28% HCL, 417 bbls of water, 152 MSCF N2, and 33,350 lbs of 20/40 sand at 1 - 4 PPG.