

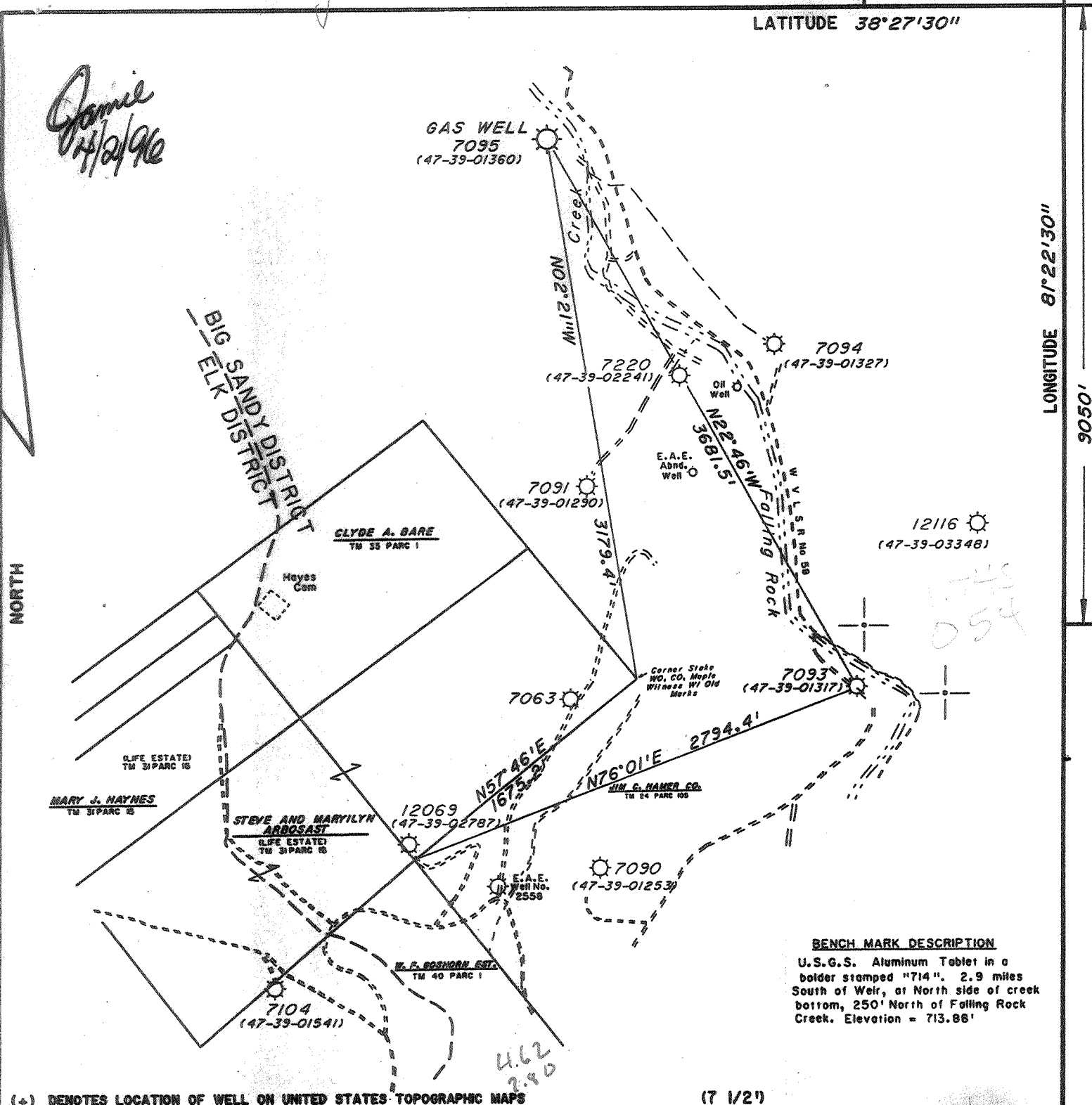
LATITUDE 38°27'30"

3050'

LONGITUDE 81°22'130"

1050'

*Janice*  
4/2/96



**BENCH MARK DESCRIPTION**  
 U.S.G.S. Aluminum Tablet in a bolder stamped "714". 2.9 miles South of Weir, at North side of creek bottom, 250' North of Falling Rock Creek. Elevation = 713.88'

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

FILE NO. \_\_\_\_\_  
 DRAWING NO. 7095  
 SCALE 1" = 800'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION U.S.G.S. BENCH MARK "714"

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) Edward Nicholson  
 R.P.E. 9936 L.L.S. 798

RECORDED  
 INDEXED  
 NO. 02  
 STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY  
 PLACE SEAL HERE

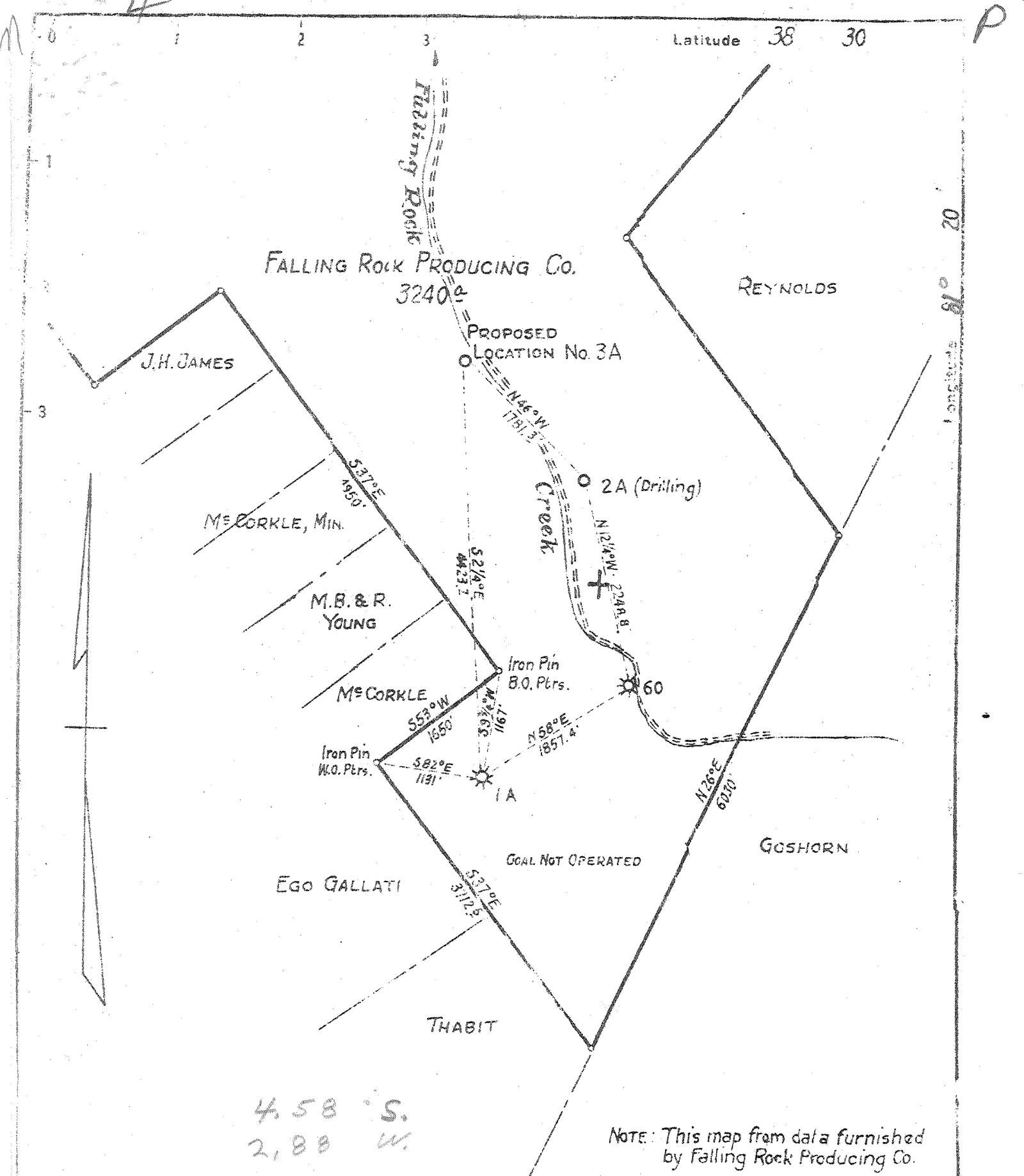
**STATE OF WEST VIRGINIA**  
 DEPARTMENT OF ENERGY  
 OIL AND GAS DIVISION



DATE February 20, 1, 19 96  
 OPERATOR'S WELL NO. 7095  
 API WELL NO. 47 039 01360 W  
 STATE COUNTY PERMIT

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS," ) PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 698.0' WATER SHED Falling Rock Creek of Elk River  
 DISTRICT Big Sandy COUNTY Kanawha  
 QUADRANGLE Blue Creek, WV Uland N COORDINATES LAT: 38°26'01" LONG: 81°23'10"  
 SURFACE OWNER Jim C. Hamer Company ACREAGE 3.240  
 OIL & GAS ROYALTY OWNER Jim C. Hamer Company LEASE ACREAGE 3.240  
 COAL OWNER Jim C. Hamer Company LEASE NO. 48144  
 PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Re-work existing well. Run pipe cement frac completion  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG   
 TARGET FORMATION Oriskany ESTIMATED DEPTH \_\_\_\_\_  
 WELL OPERATOR COLUMBIA GAS TRANSMISSION CORP DESIGNATED AGENT Richard L. Coty  
 ADDRESS PO Box 1273, Charleston, WV 25325-1273 ADDRESS PO Box 1273, Charleston, WV 25325-1273

KANAWHA  
 COUNTY NAME  
 O/360  
 PERMIT



4.58 S.  
2.88 W.  
25C (J-6)

NOTE: This map from data furnished by Falling Rock Producing Co.

New Location   
 Drill Deeper   
 Abandonment

|                             |                                     |
|-----------------------------|-------------------------------------|
| Company                     | FALLING ROCK PRODUCING CO.          |
| Address                     | 40 PEOPLES BANK BLDG., MARIETTA, O. |
| Farm                        | FALLING ROCK PRODUCING CO.          |
| Tract                       | Acres 3240 Lease No.                |
| Well (Farm) No.             | 3A Serial No.                       |
| Elevation (Spirit Level)    | 698 V.A.                            |
| Quadrangle                  | CLENDENIN N.W. NC                   |
| County                      | KANAWHA District BIG SANDY          |
| Engineer                    | W.S. GRAVELY                        |
| Engineer's Registration No. |                                     |
| File No.                    | Drawing No.                         |
| Date                        | MARCH 29, 1947 Scale 1" = 1320'     |

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

WELL LOCATION MAP  
 FILE NO. KAN-1360

+ 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 1360

Glendenin Quad.

Gas Well  
CASING & TUBING

Company

Seatex Oil Company  
( Falling Rock Prod. Co.)

16      14'      None

Address

Falling Rock, W.Va.

13      35      "

Farm

Seatex Oil Company Acres 3240 10

292      292

Location

Falling Rock

8 1/2      1013      1013 \*

Well No.

3-A Elev. 696'

7 OD      4952      4952

District

Big Sandy Kanawha County

2 tub.      5000      5000

Surface

Seatex Oil Co., Falling Rock, W.Va. \* Nipple 11' 3"

Mineral

Same

Commenced

Casing cemented: 7" O D

Completed

Aug. 31, 1947 ( 5110)

Aug. 27. 24 bags aquagel

Date shot

Sept. 1 Depth 5087 to 5108

10 bags cement run by

Open flow

with 60 qts. glycerine  
22/10ths W in 7" OD

Well Service Co.

Volume

22/10 W 7 " O.C. 24 hrs. A.S.

2,000,000

Oil None

|                      |      |      |
|----------------------|------|------|
| Surface Slate & Sand | 0    | 290  |
| Lime                 | 290  | 300  |
| Slate & Sand         | 300  | 834  |
| Salt Sand            | 834  | 860  |
| Slate & Shells       | 860  | 880  |
| Salt & Shells        | 880  | 945  |
| Slate                | 945  | 958  |
| Salt & Shells        | 958  | 1030 |
| White Slate          | 1030 | 1032 |
| Salt Sand            | 1032 | 1080 |
| Red Rock             | 1080 | 1093 |
| Slate & Shells       | 1093 | 1110 |
| Red Rock             | 1110 | 1115 |
| Slate & Shells       | 1115 | 1198 |
| Maxon Sand           | 1198 | 1236 |
| Slate                | 1236 | 1248 |
| Little Lime          | 1248 | 1275 |
| Slate & Shells       | 1275 | 1299 |
| Pencil               | 1299 | 1304 |
| Big Lime             | 1304 | 1430 |
| Injun Sand           | 1430 | 1455 |
| Red Rock             | 1455 | 1469 |
| Slate & Lime Shells  | 1469 | 1497 |
| Squaw Sand           | 1497 | 1535 |
| Weir Sand            | 1535 | 1690 |
| Slate & Shells       | 1690 |      |
| Slate & Shells       | 1690 | 3648 |
| Shale                | 3648 | 3730 |
| Grey Lime            | 3730 | 3900 |
| Slate & Shells       | 3900 | 4498 |
| Brown Shale          | 4498 | 4786 |
| White Slate          | 4786 | 4818 |
| Shale                | 4818 | 4928 |
| Corniferous Lime     | 4938 | 5085 |
| Criskany Sand        | 5085 | 5110 |

$$\begin{array}{r} 1455 \\ 1304 \\ \hline 151 \end{array}$$

$$\begin{array}{r} 1455 \\ 696 \\ \hline 759 \end{array}$$

1st Gas 5087'

This well was taken over by C.O. Nicholas at 2670' and drilled to 5110'

$$\begin{array}{r} 4938 \quad 5085 \\ 696 \quad 696 \\ \hline 4242 \quad 4389 \end{array}$$

RECEIVED  
WV Division of  
Environmental Protection

039-1360-W

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

MAR 18 1996

Page \_\_\_\_ of \_\_\_\_

FORM WW-2B

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

21755

Well Operator: COLUMBIA GAS TRANSMISSION CORP. 10450 (1) 258

Operator's Well Number: 7095 3) Elevation: 696'

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

Proposed Target Formation(s): ORISKANY 475

Proposed Total Depth: 5220' feet

Approximate fresh water strata depths: 200' (BEST)

Approximate salt water depths: 700'

Approximate coal seam depths: NO INFORMATION

Does land contain coal seams tributary to active mine? Yes  No

1) Proposed Well Work: Pull 4 1/2" FROM TOP OF CEMENT; Pull 7" FROM 950'; Pull 8 5/8" FROM 280'; RE-CEMENT 10 3/4" TO SURFACE; TIE BACK 7" CASING; RE-CEMENT

2) 7" CASING; MILL REMAINING 4 1/2" CASING OUT; DRILL NEW HOLE 5110' - 5220'; RUN NEW 4 1/2" CASING AND CEMENT CASING AND TUBING PROGRAM STIMULATE ORISKANY.

| TYPE         | SPECIFICATIONS |       | FOOTAGE INTERVALS |              | CEMENT       |                                   |
|--------------|----------------|-------|-------------------|--------------|--------------|-----------------------------------|
|              | Size           | Grade | Weight per ft.    | For drilling | Left in well | Fill-up (cu. ft.)                 |
| Conductor    |                |       |                   |              | 3005R/11.3   |                                   |
| Fresh Water  | 10 3/4"        |       | 40.5 #/ft         |              | 292'         | CIRCULATE TO SURFACE              |
| INTERMEDIATE | 8 5/8"         |       | 28 #/ft           | 1013'        | 1013' - 280' |                                   |
| Intermediate | 7"             |       | 20 #/ft           |              | 4952'        | CIRCULATE TO SURFACE, IF POSSIBLE |
| Production   | 4 1/2"         | N-80  | 11.6 #/ft         |              | 5220'        | 110 CF                            |
| Tubing       |                |       |                   |              |              |                                   |
| Liners       |                |       |                   |              |              |                                   |

PACKERS : Kind \_\_\_\_\_  
Sizes \_\_\_\_\_  
Depths set \_\_\_\_\_

For Division of Oil and Gas Use Only  
 Fee(s) paid:  Well Work Permit  Reclamation Fund  WPCP  
 Plat  WW-9  WW-2B  Bond Blanket Agent  
 (Type)

**RECEIVED**  
WV Division of  
Environmental Protection

MAR 18 1996

Permitting  
Office of Oil & Gas

- 1) Date: 2-27-96
  - 2) Operator's well number 5905
  - 3) API Well No: 47 - 029 - 0921 - 1
- 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 JIM C. HAMER Co.
  - Address P.O. Box 418  
KENOVA, WV 25830
  - (b) Name \_\_\_\_\_
  - Address \_\_\_\_\_
  - (c) Name \_\_\_\_\_
  - Address \_\_\_\_\_
- 5) (a) Coal Operator:
  - Name \_\_\_\_\_
  - Address \_\_\_\_\_
  - (b) Coal Owner(s) with Declaration:
    - Name SAME AS #42
    - Address \_\_\_\_\_
  - (c) Coal Lessee with Declaration:
    - Name \_\_\_\_\_
    - Address \_\_\_\_\_
- 6) Inspector: CARLOS W. HIVELY
  - Address 223 PINCH RIDGE ROAD  
TELKVIEW 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 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:

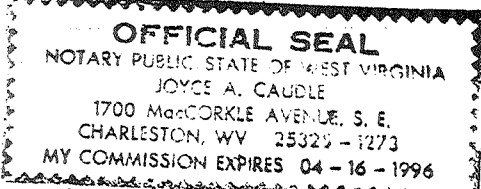
- \_\_\_\_\_ Personal Service (Affidavit attached)
- \_\_\_\_\_ Certified Mail (Postmarked postal receipt attached)
- \_\_\_\_\_ Publication (Notice of Publication attached)

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: Richard L. Coby  
 Its: Manager - Well Services  
 Address P.O. Box 1273  
Charleston WV 25325-1273  
 Telephone 304-357-3034



Subscribed and sworn before me this 4th day of March, 1996

Joyce A. Caudle Notary Public  
My commission expires April 16, 1996

**RECEIVED**  
 Office of Oil & Gas  
 JUN 26 2008  
 WV Department of  
 Environmental Protection

DATE: 6/24/08  
 API #: 47-039-01360

State of West Virginia  
 Department of Environmental Protection  
 Office of Oil and Gas

Well Operator's Report of Well Work

Farm name: Jim C. Hammer Co. Operator Well No.: 7095

LOCATION: Elevation: 698 ft Quadrangle: Blue Creek

District: Big Sandy County: Kanawha  
 Latitude: 9.050 Feet South of 38 Deg. 27 Min. 30 Sec.  
 Longitude 3.050 Feet West of 81 Deg. 22 Min. 30 Sec.

Company: Columbia Gas Transmission Corp

|                                                             | Casing & Tubing                                                                     | Used in drilling | Left in well | Cement fill up Cu. Ft. |
|-------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------|--------------|------------------------|
| Address: 1700 MacCorkle Ave SE<br>Charleston, WV 25325-1273 | This is an existing storage well - no casing or tubing pulled or ran during rework. |                  |              |                        |
| Agent: Paul Amick                                           |                                                                                     |                  |              |                        |
| Inspector: Terry Urban                                      |                                                                                     |                  |              |                        |
| Date Permit Issued: 5/12/08                                 |                                                                                     |                  |              |                        |
| Date Well Work Commenced: 6/4/08                            |                                                                                     |                  |              |                        |
| Date Well Work Completed: 6/7/08                            |                                                                                     |                  |              |                        |
| Verbal Plugging:                                            |                                                                                     |                  |              |                        |
| Date Permission granted on:                                 |                                                                                     |                  |              |                        |
| Rotary X Cable Rig                                          |                                                                                     |                  |              |                        |
| Total Depth (feet): 5110                                    |                                                                                     |                  |              |                        |
| Fresh Water Depth (ft.): not applicable - rework            |                                                                                     |                  |              |                        |
| Salt Water Depth (ft.): not applicable - rework             |                                                                                     |                  |              |                        |
| Is coal being mined in area (N/Y)? N                        |                                                                                     |                  |              |                        |
| Coal Depths (ft.): none reported ft                         |                                                                                     |                  |              |                        |

OPEN FLOW DATA

Producing formation Oriskany Sand Pay zone depth (ft) 5087 - 5110  
 Gas: Initial open flow not applicable MCF/d Oil: Initial open flow none Bbl/d  
 Final open flow <500 MCF/d No oil  
 Time of open flow between initial and final tests not applicable Hours  
 Static rock Pressure 1400 psig (surface pressure) after 24 Hours

Second Producing formation N/A 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.

Signed: James E. Amos  
 By: James E. Amos - Senior Storage Engineer - Columbia Gas Transmission Corp  
 Date: 6/24/08

OCT 3 2008

KAN 1360

Coco A storage well 7095

This is an existing storage well. Below is a summary of work performed.

- 1) Well was killed, logged, and new wellhead installed.

|                               |                  |
|-------------------------------|------------------|
| Logs Ran: Baker Atlas Logging | GR-Neutron       |
| Baker Atlas Logging           | MicroVertilog    |
| Baker Atlas Logging           | cement bond log. |

\* Note that no earthen pit was utilized. Swab fluids recovered via steel tanks and transported to LAD in Wheeling, WV for disposal/processing.