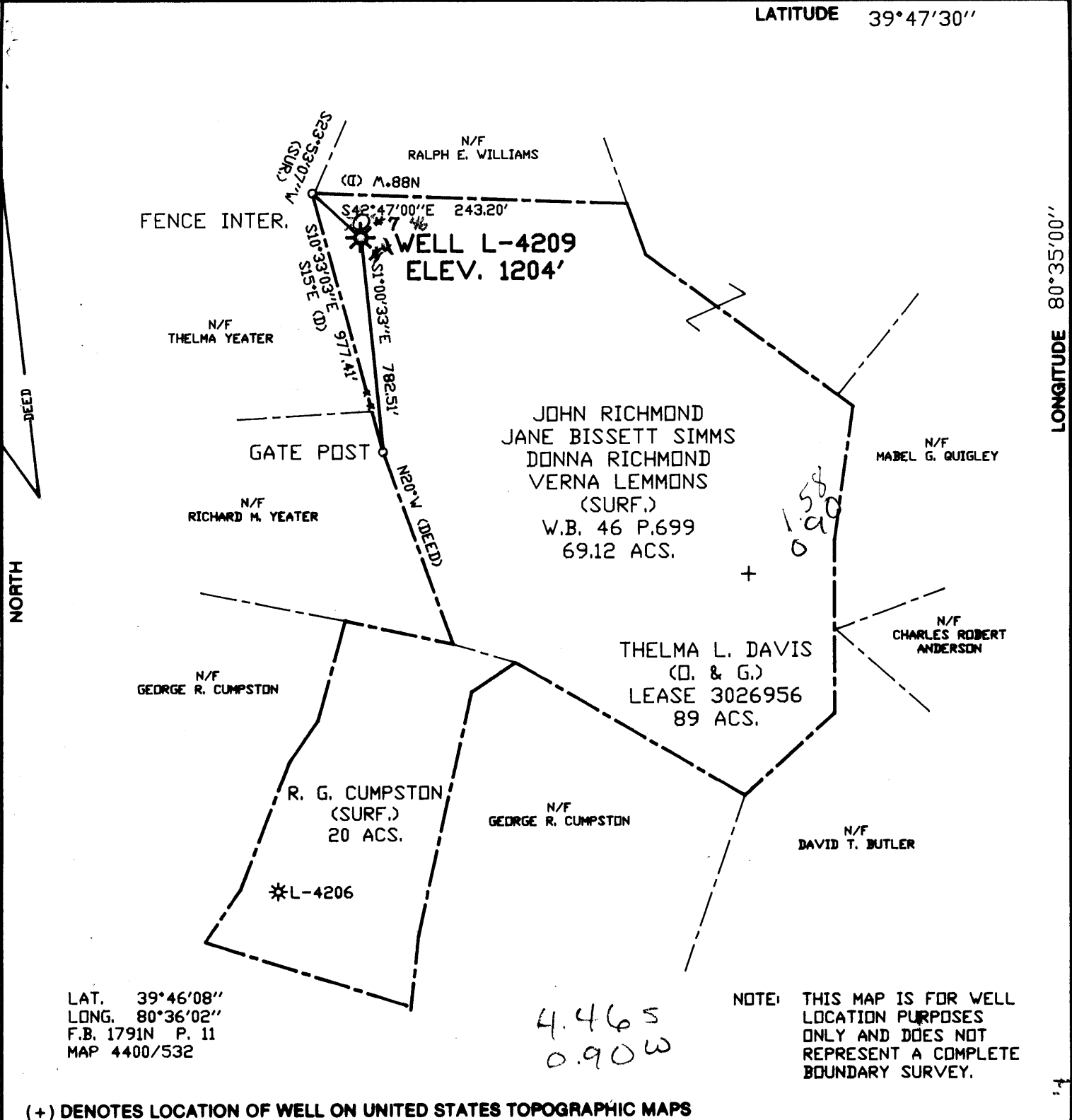


4700'

LATITUDE 39°47'30"

LONGITUDE 80°56'08"

8250'



LAT. 39°46'08"
 LONG. 80°36'02"
 F.B. 1791N P. 11
 MAP 4400/532

4.465
 0.90w

NOTE: THIS MAP IS FOR WELL LOCATION PURPOSES ONLY AND DOES NOT REPRESENT A COMPLETE BOUNDARY SURVEY.

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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/2500
 PROVEN SOURCE OF ELEVATION RM F127 770.9'

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 MINES.
 (SIGNED) Neil E. Lyon
 R.P.E. _____ L.L.S. 945

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE JUN. 24, 1994
 OPERATOR'S WELL NO. 1-4209
 API WELL NO.

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE X DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1204' WATER SHED CEDAR RUN
 DISTRICT LIBERTY COUNTY MARSHALL
 QUADRANGLE CAMERON, W.V. d15 SC
 SURFACE OWNER SEE PLAT ABOVE ACREAGE 89.12
 OIL & GAS ROYALTY OWNER THELMA L. DAVIS LEASE ACREAGE 89
 LEASE NO. 3026956

47-051-0817-F
 STATE COUNTY PERMIT

Formerly: 051-0396-A

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

JUN 20 1994

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION 25 ESTIMATED DEPTH 9.0
 WELL OPERATOR COLUMBIA GAS TRANS. CORP DESIGNATEE Richard L. Coty

ok per notification from DEP 8/95 pdt

FORM IV-6 (8-78)

COUNTY NAME

PERMIT

MAR 08 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: SIMMS, JANE BISSETT Operator Well No.: L-4209

LOCATION: Elevation: 1,204.00 Quadrangle: CAMERON

District: LIBERTY County: MARSHALL
Latitude: 8250 Feet South of 39 Deg. 47Min. 30 Sec.
Longitude 4700 Feet West of 80 Deg. 35 Min. 0 Sec.

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

Agent: RICHARD L. COTY

Inspector: RANDAL MICK
Permit Issued: 08/23/94
Well work Commenced: 10/19/94
Well work Completed: 12/5/94
Verbal Plugging _____
Permission granted on: _____
Rotary Cable _____ Rig _____
Total Depth (feet) 2206'
Fresh water depths (ft) _____
NOT RECORDED BY DRILLER
Salt water depths (ft) _____
NOT RECORDED BY DRILLER
Is coal being mined in area (Y/N)? No
Coal Depths (ft): 846-852 P.G.H. COAL

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Size			
10 ³ / ₄ " OD	212'	212'	—
8 ⁵ / ₈ " OD	1345'	1345'	295
7" OD	2017'	2017'	295
4 ¹ / ₂ " OD	2238'	2238'	148

OPEN FLOW DATA

Producing formation BIG INJUN SAND Pay zone depth (ft) 2090-2106
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow 10,835 MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests _____ Hours
 Static rock Pressure 691 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: COLUMBIA GAS TRANSMISSION CORP.

By: Ronald A. Schoff
Date: March 3, 1995

10/20/94 CLEANED OUT TO PLUGGED BACK TOTAL DEPTH @ 2240' G.L.

10/24/94 RAN 2238' GL OF 4 1/2" OD, K-55, 11.6 ppg CASING AND HALLIBURTON CEMENTED IN PLACE WITH 125' SKS

10/25/94 INSTALLED A NEW 7" X 4 1/2" API 2000, CUSTOM WELLHEAD WITH 2-4 1/2" API 2000, CUSTOM GATE VALVES.

11/25/94 ATLAS WIRELINE SERVICES PERFORATED THE 4 1/2" OD CASING FROM 2090' TO 2106' @ 6 SHOTS/FOOT.

FORMATION DEPTHS (FROM SERVICE COMPANY LOGS RUN BY SCHLUMBERGER ON 10/21/94):

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>
PITTSBURGH COAL	846'	852'
BIG DUNKARD SAND	1394'	1412'
LOWER MAXTON SAND	1915'	1942'
BIG LIME	1952'	1982'
BIG INJUN SAND	1984'	—
TOTAL DEPTH	—	2240'
PLUGGED BACK TO	—	2206'

Rec'd 7/21/94

051-0817-Frac

Issued 08/23/94

Page of

Expires 08/23/96

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

- 1) Well Operator: COLUMBIA GAS TRANSMISSION CORP. 10450 278
2) Operator's Well Number: L-4209 3) Elevation: 1204
4) Well type: (a) Oil / or Gas X/
(b) If Gas: Production / Underground Storage X/
Deep / Shallow X/
EXISTING
Proposed Target Formation(s): BIG INJUN SAND
EXISTING
Proposed Total Depth: 2240 feet
7) Approximate fresh water strata depths: 150'
8) Approximate salt water depths: 1000'
9) Approximate coal seam depths: 850-857'
10) Does land contain coal seams tributary to active mine? Yes X/ No /
KILL WELL; CLEAN OUT TO T.D., RUN 4-1/2" CASING TO T.D.;
11) Proposed Well Work: CEMENT 4-1/2" CASING; INSTALL 7"X4-1/2" API-2000 WELLHEAD;
PERFORATE AND FRACTURE BIG INJUN FOR DELIVERABILITY IMPROVEMENT.
12)

CASING AND TUBING PROGRAM

Table with 7 columns: TYPE, SPECIFICATIONS (Size, Grade), FOOTAGE INTERVALS (Weight per ft., For drilling, Left in well), and CEMENT (Fill-up). Rows include Conductor, Fresh Water, Coal, Intermediate, Production, Tubing, and Liners.

PACKERS : Kind NONE
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)

19522

00 343 907

1) Date: 7/14/94
2) Operator's well number L-4209
3) API Well No: 47 - 051 - ~~X00396~~ 0817-F
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 JANE BISSETT SIMMS
Address RD 1, BOX 80
OAKLAND, MD 21550
(b) Name DONNA KAY RICHMOND
Address RD 3, BOX 353
GREENS FAIRY, AR 72067
(c) Name VERA LEMMONS
Address 8511 FISHERS PT. DR.
TAMPA, FL 33637

5) (a) Coal Operator:
Name _____
Address _____
(b) Coal Owner(s) with Declaration
Name CONSOLIDATION COAL CO.
Address 1800 WASHINGTON ROAD
PITTSBURGH, PA 15254
Name _____
Address _____

6) Inspector RANDAL MICK
Address 111 BLACKSHERE DR.
MANNINGTON, WV 26582
Telephone (304)- 986-3324

(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 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

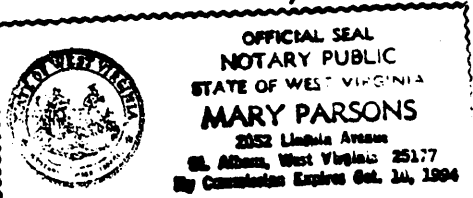
I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:
_____ Personal Service (Affidavit attached)
X Certified Mail (Postmarked postal 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 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 14th day of July, 1994

Mary Parsons Notary Public
My commission expires October 10, 1994

surface owner(s) to be served:
(continued)

d) John Richmond
1500 4th St.
Moundsville, WV 26041

051-0817