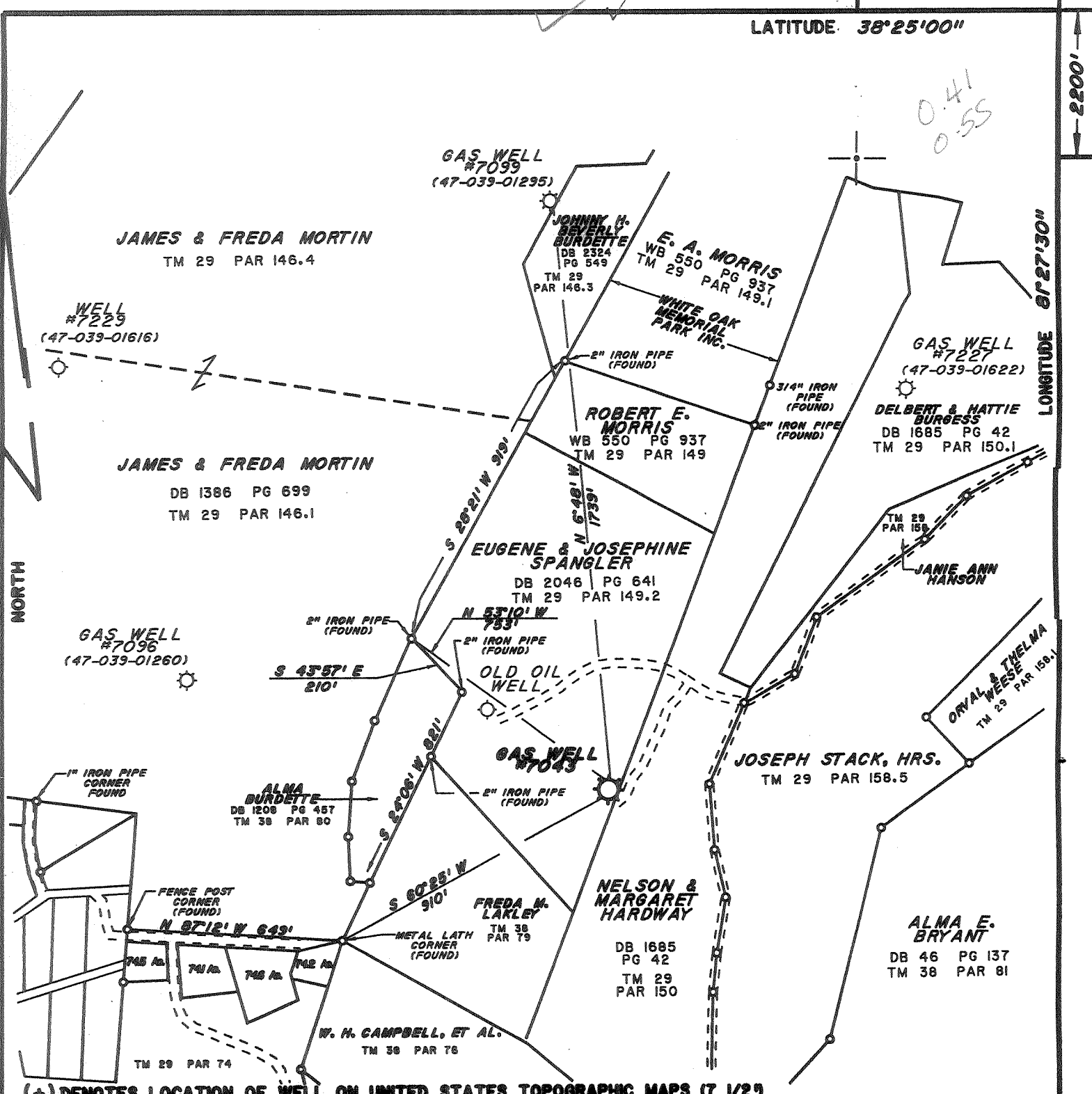


LATITUDE 38°25'00"

3020'

10032'

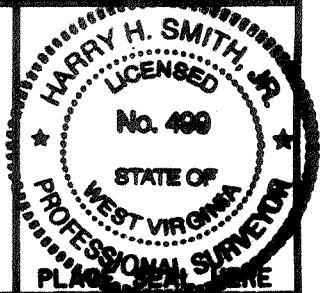
LONGITUDE 81°27'30"



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

FILE NO. _____
 DRAWING NO. 7043
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1/200'
 PROVEN SOURCE OF ELEVATION EXISTING WELL

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) Harry H. Smith, Jr.
 R.P.E. _____ L.L.S. 499



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE JANUARY 9, 19 98
 OPERATOR'S WELL NO. 7043
 API WELL NO. _____

WELL TYPE: OIL _____ GAS X LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION: ELEVATION 897.3' WATER SHED Planch Creek

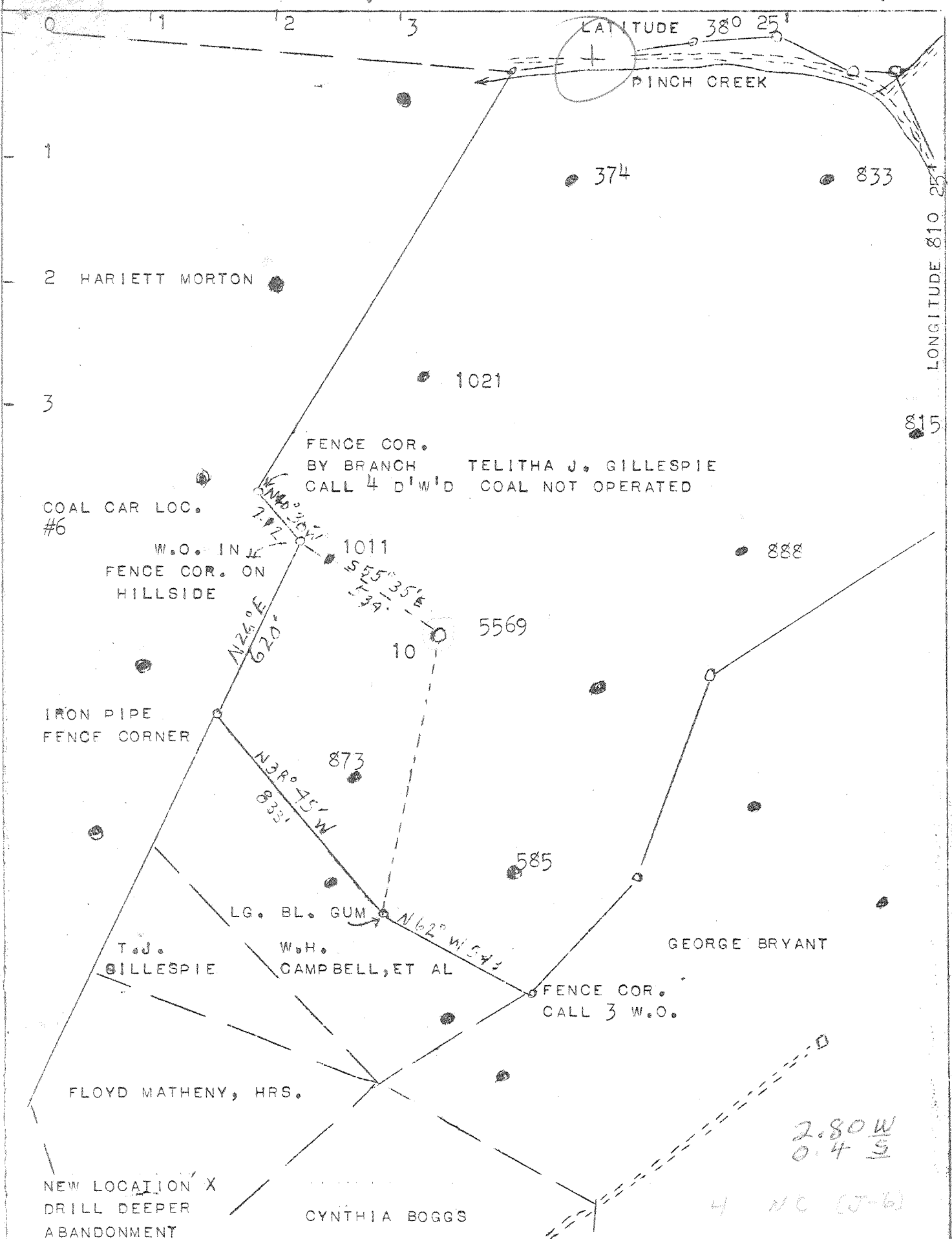
DISTRICT Elk COUNTY Kanawha
 QUADRANGLE Blue Creek WV COORDINATES LAT: 38°24'38" LONG: 81°28'08"
 SURFACE OWNER Eugene & Josephine Spangler ACREAGE 16
 OIL & GAS ROYALTY OWNER Mary Louise Umstead, Et Al. LEASE ACREAGE 109
 COAL OWNER Mary Louise Umstead, Et Al. LEASE NO. 1000924

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

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION ORISKANY ESTIMATED DEPTH 5320'
 WELL OPERATOR COLUMBIA GAS TRANSMISSION CORP DESIGNATED AGENT RICHARD L COTY FEB 20 1998
 ADDRESS PO Box 1273, Charleston, WV ADDRESS PO Box 1273, Charleston, WV
25325-1273 25325-1273

DEEP WELL

KANAWHA COUNTY NAME PERMIT 1264



COMPANY UNITED FUEL GAS CO.
 ADDRESS CHARLESTON, W. VA.
 FARM TELITHA J. GILLESPIE
 TRACT ACRES 100 LEASE NO. 924
 WELL (FARM NO. SERIAL NO. 5569)
 ELEVATION (SPIRIT LEVEL) 897.3 GR.
 QUADRANGLE CLENDENIN - WC
 COUNTY KANAWHA DISTRICT ELK
 ENGINEER G. H. MOORE
 ENGINEER'S REGISTRATION NO. 662
 FILE NO. 70-63 DRAWING NO.
 DATE FEB 21, 1946 SCALE 1" = 400'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
 FILE NO. KAN - 1264
 † 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.

6-6-46 Deep Well

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

Gas Well
CASING & TUBING

Permit No. Kan 1264

Clendenin Quad.

Company

Address

Farm

Location

Well No.

District

Surface

Mineral

United Fuel Gas Company

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

Telitha J. Gillespie Acres 100

Pinch Creek

5569 Elev. 897. 3 GR.

Elk Kanawha County

Lemuel H. Gillespie Agt. 1015 Seventh Ave. 360' 36"
Charleston, W.Va.

3-29-46

3-29-46

Commenced

Completed

Not shot

Rock Pressure

Fresh Water

Salt Water

1160 lbs. 14 hrs.

295'

1010-1039

Coal at 288' 60"

360' 36"

Gas 1800'

Oil 1970'

Red Rock	0	28	
Slate & Shells	23	150	
Sand	150	185	
Slate & Shells	185	225	
Sand	225	275	
Slate	275	288	
-Coal	288	293	
Sand	293	360	
-C oal	360	363	
Black Lime	363	405	
Slate	405	440	
Sand	440	515	
Slate & Shells	515	540	
Sand	540	585	
Slate & Lime Shells	585	636	
Sand	636	676	
Slate & Shells	676	760	
Sand	760	798	
Slate & Shells	798	830	
Bas Sand	830	860	
Slate & Shells	860	925	
-Salt Sand	925	1435	
Black Lime	1435	1452	
Red Rock	1452	1465	
Lime	1465	1541	
Slate	1541	1557	
-Maxon Sand	1557	1572	
Slate	1572	1575	
-Little Lime	1575	1612	
-Pencil Cave	1612	1616	
-Big Lime	1616	1796	
-Injun Sand	1796	1860	
Lime Shells	1860	1957	
-Weir Sand	1957	2050	
Black Lime	2050	2090	
Slate & Shells	2090	2168	
-Brown Shale	2168	2174	
-Berea Sand	2174	2180	
Slate & Shells	2180	3400	
Brown Shale	3400	3448	
Lime Shells	3448	3732	
Slate	3732	3817	
Brown Shale	3817	3903	
Slate & Shells	3903	4170	
White Slate	4170	4592	
Blue Slate	4592	4662	
Brown Shale	4662	4978	
White Slate	4978	5008	
Brown Shale	5008	5089	
-Corniferous	5089	5206	
-Oriskany Sand	5206	5237	
Lime -H	5237	5242	Gas 5223
TOTAL DEPTH		5242	Gas 5240

WR-35

MS

12-Feb-98
API # 47-39-01264 F

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

Well Operator's Report of Well Work

Farm name: HARDWAY, NELSON Operator Well No.: COCA B 7043

LOCATION: Elevation: 897.30 Quadrangle: BLUE CREEK

District: ELK County: KANAWHA
Latitude: 2200 Feet South of 38 Deg. 25Min. 0 Sec.
Longitude 3020 Feet West of 81 Deg. 27 Min. 30 Sec.

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

Agent: RICHARD L. COTY

Inspector: CARLOS HIVELY
Permit Issued: 02/20/98
Well work Commenced: 03/18/98
Well work Completed: 05/02/98
Verbal Plugging
Permission granted on: _____
Rotary _____ Cable _____ Rig _____
Total Depth (feet) 5327'
Fresh water depths (ft) N/A

Salt water depths (ft) 1039'

Is coal being mined in area (Y/N)? N
Coal Depths (ft) 288' - 293', 360' - 363'

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
10-3/4"		1680'	
8-5/8"		2048'	23 sx
7"		5162'	125 sx
4-1/2"		5282'	90 sx

OPEN FLOW DATA

5218' - 5250'

Producing formation Oriskany Storage Pay zone depth (ft) _____
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: John V. McCallister
Date: 2/24/99

MAR 1 8 1999

KAN 121011 F

- 3/24/98 Drilled 6-1/8" hole to 5327' (Helderbury Lime).
- 3/27/98 Ran 5282' of 4-1/2", 11.6 lb, N-80 casing cemented with 90 sx of Class "A".
- 4/24/98 Baker NC-1 bridgeplug set at 5270', 4' cal-seal on plug.
- 4/27/98 Perforated Oriskany from 5240' - 5244' and 5248' - 5250', and 5218' - 5236' with 6 spf.
- 4/29/98 Fractured Oriskany with N2Assist Deltafrac using 413 bbls of H2O, 200 mscf N2, 29,000# of 20/40 sand at 1 - 4 ppg.