

CHARLES D & GAIL E HUNTER

TM 27 P 22.5
DB 272 PG 516

*Janice
8/6/93*

HUPP DRIVE

LATITUDE 38°55'00"

Iron Pipe (Found)

RUSSELL G & MARY O HUPP

40' R/W STONEGATE DR (MORGAN DR)

Iron Pipe (Found)

N57°50'04"E
345.74'

S53°48'16"W-57.91'

LOT 26

GAS WELL #7339 (JAC-915)

EXISTING MEAS STA

Iron Pipe (Found)

S1°43'30"E-82.94'

ALTA C STONE

DB 237 PG 293

Iron Pipe (Found)

S45°18'29"E-69.25'

LOT 25

15' WIDE PVT DRIVE (GRAVEL)

STONEGATE DRIVE

ALTA C STONE

TM 27 P 22.3
DB 278 PG 354

BILLY SNYDER

TM 27 P 22.4
DB 268 PG 585

ALTA C STONE

TM 27 P 22
DB 278 PG 352

1 STORY BRICK RES

NORTH

LONGITUDE 81°40'00"

10911

CHARGE: Gen-Aux-Activ-Tr Cntr
107-03377-W2292-4442

NOTES: Existing Well #7339
Within Lot 26 of Stonegate
Estates

ELEV: At ground at Well
#7339 741.85'

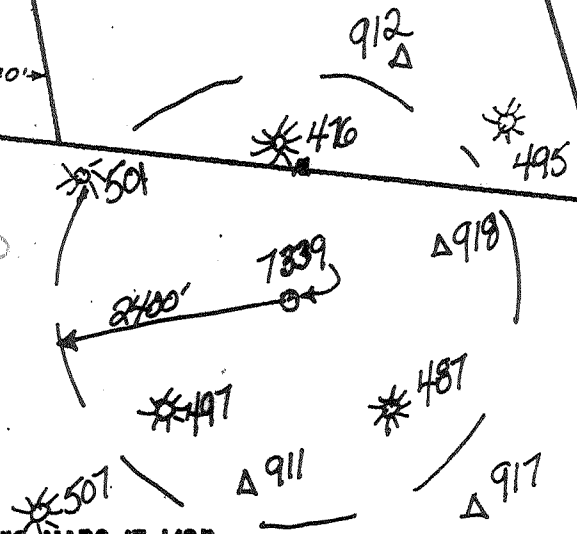
B.M. Chisled square on S.E.
side of bridge on U.S. #21
over Mud Run.

FB 2574 pg 72

Ferm map # SQ 58-95

N/F Mary Benson
TM 27 P 25

2.155
1.460



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

FILE NO. _____

DRAWING NO. _____

SCALE 1" = 100'

MINIMUM DEGREE OF ACCURACY 1/200

PROVEN SOURCE OF ELEVATION 539.20

See Note above "BM".

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) *Richard Nichol*

R.P.E. 9936 L.L.S. 798

PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE March 8, 19 93
OPERATOR'S WELL NO. 7339
API WELL NO. 47 035 09157

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

LOCATION: ELEVATION 741.85 WATER SHED _____
DISTRICT Ravenswood COUNTY Jackson

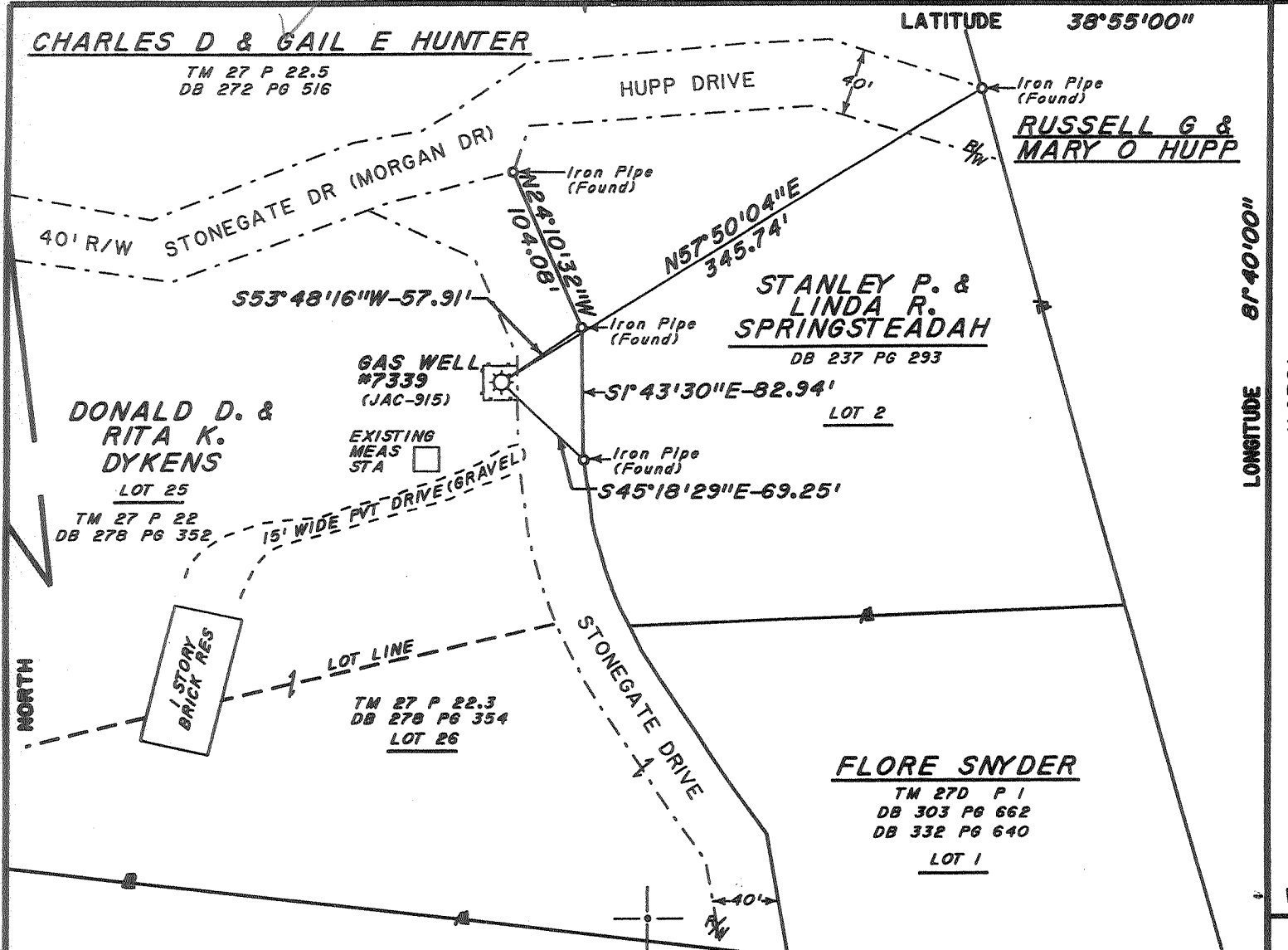
QUADRANGLE Sandyville 7.5 COORDINATES LAT. 38°53'06" LONG. 81°41'38"
SURFACE OWNER Alta C Stone ACREAGE 2.113

OIL & GAS ROYALTY OWNER John W Cook LEASE ACREAGE 2.2
COAL OWNER Alta C Stone LEASE NO. 52506

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 CHRISTANY SAND ESTIMATED DEPTH 4962' MAR 8 1997
WELL OPERATOR COLUMBIA GAS TRANSMISSION CORP DESIGNATED AGENT ROBERT C WEIDNER
ADDRESS PO Box 1273, Charleston, WV 25325-1273 ADDRESS PO Box 1273, Charleston, WV 25325-1273

JACKSON COUNTY NAME PERMIT 915



CHARGE: Gen-Aux-Activ-Tr Cntr
107-03377-W2292-4442

NOTES: Existing Well #7339
Within Lot 25 of Stonegate
Estates

ELEV: At ground at Well
#7339 741.85'

B.M. Chisled square on S.E.
side of bridge on U.S. #21
over Mud Run.

FB 2574 pg 72

Form map # SQ 58-95

N/F Mary Benson
TM 27 P 25

2.175
1.46

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

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 100'
MINIMUM DEGREE OF
ACCURACY 1/200
PROVEN SOURCE OF
ELEVATION 599.20
See Note above "BM"

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 REGU-
LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
MENT OF ENERGY.

(SIGNED) Edw. Nichols

R.P.E. 9936 L.L.S. 798

PLACE SEAL HERE

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



DATE March 8, 1993
OPERATOR'S WELL NO. 7339
API WELL NO. _____

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

LOCATION: ELEVATION 741.85 WATER SHED _____
DISTRICT Ravenswood COUNTY Jackson
QUADRANGLE Sandyville, WV COORDINATES LAT: 38°53'06" LONG: 81°41'38"

SURFACE OWNER Donald D. & Rita K. Dykens ACREAGE 2.113
OIL & GAS ROYALTY OWNER Trile Petroleum Corp. LEASE ACREAGE 72
COAL OWNER Trile Petroleum Corp. LEASE NO. 52506

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 ORISKANY ESTIMATED DEPTH 5000'
WELL OPERATOR COLUMBIA GAS TRANSMISSION CORP DESIGNATED AGENT ROBERT C WEIDNER
ADDRESS PO Box 1273, Charleston, WV ADDRESS PO Box 1273, Charleston, WV
25325-1273 25325-1273

DEEP well

JACKSON COUNTY NAME PERMIT 915

MAR 06 1998

CHARLES D & GAIL E HUNTER

TM 27 P 22.5
DB 272 PG 516

7850'

LATITUDE 38°55'00"

Janice
8/6/93

HUPP DRIVE

Iron Pipe (Found)

RUSSELL G &
MARY O HUPP

40' R/W

STONEGATE DR (MORGAN DR)

Iron Pipe (Found)

Iron Pipe (Found)

Iron Pipe (Found)

S53°48'16"W-57.91'

LOT 26

GAS WELL
#7339
(JAC-915)

EXISTING
MEAS
STA

15' WIDE PVT DRIVE (GRAVEL)

ALTA C STONE

DB 237 PG 293

S45°18'29"E-69.25'

LOT 25

1 STORY
BRICK RES

ALTA C STONE

TM 27 P 22.3
DB 278 PG 354

STONEGATE DRIVE

BILLY SNYDER

TM 27 P 22.4
DB 268 PG 585

ALTA C STONE

TM 27 P 22
DB 278 PG 352

CHARGE: Gen-Aux-Activ-Tr Cntr
107-03377-W2292-4442

NOTES: Existing Well #7339
Within Lot 26 of Stonegate
Estates

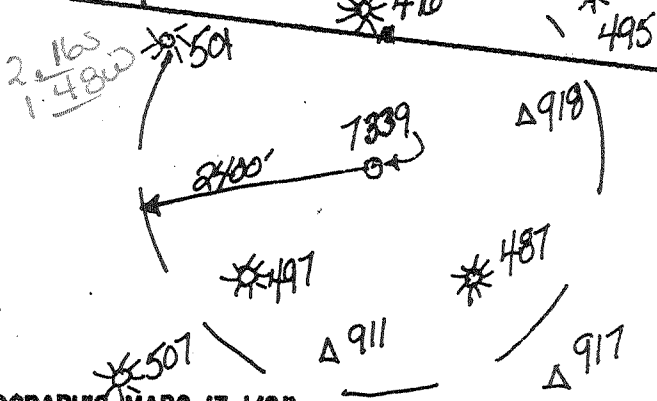
ELEV: At ground of Well
#7339 741.85'

B.M. Chisled square on S.E.
side of bridge on U.S. #21
over Mud Run.

FB 2574 pg 72

Farm map # 50 58-95

N/F Mary Benson
TM 27 P 25



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

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 100'
MINIMUM DEGREE OF
ACCURACY 1/200
PROVEN SOURCE OF
ELEVATION 599.20
See Note above "BM".

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 REGU-
LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
MENT OF ENERGY.

(SIGNED) *Richard H. H. H.*
R.P.E. 2236 L.L.S. 798

PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE March 8, 19 93
OPERATOR'S WELL NO. 7339
API WELL NO. 47 035 09157

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

LOCATION: ELEVATION 741.85 WATER SHED _____

DISTRICT Ravenswood COUNTY Jackson

QUADRANGLE Sandyville 7.5 COORDINATES LAT: 38°53'06" LONG: 81°41'38"

SURFACE OWNER Alta C Stone ACREAGE 2.113

OIL & GAS ROYALTY OWNER John W Cook LEASE ACREAGE 72

COAL OWNER Alta C Stone LEASE NO. 52506

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

PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION CRISKANY SAND ESTIMATED DEPTH 4962'

WELL OPERATOR COLUMBIA GAS TRANSMISSION CORP DESIGNATED AGENT ROBERT C WEIDNER

ADDRESS PO Box 1273, Charleston, WV ADDRESS PO Box 1273, Charleston, WV

25325-1273

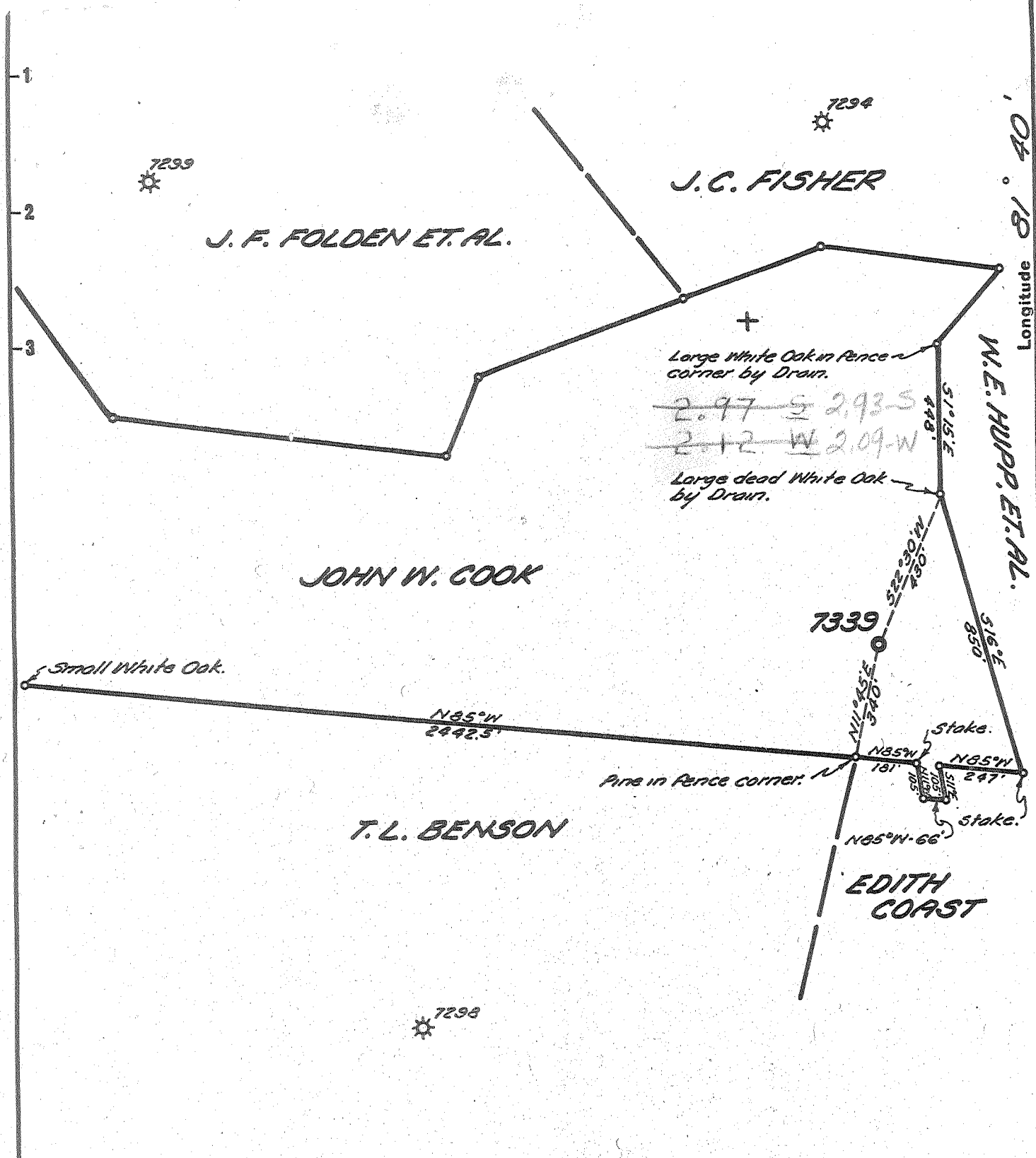
25325-1273

AUG 13 1993

JACKSON
COUNTY NAME
9/5
PERMIT

Latitude 38° 55'

Longitude 078° 18'



New Location
 Drill Deeper
 Abandonment

Company UNITED FUEL GAS CO.
 Address CHARLESTON, W. VA.
 Farm JOHN W. COOK
 Tract _____ Acres 72 Lease No. 52506
 Well (Farm) No. _____ Serial No. 7339
 Elevation (Spirit Level) 730.77'
 Quadrangle RIPLEY-WO
 County JACKSON District RAVENSWOOD
 Engineer Seibert Russell
 Engineer's Registration No. 2529
 File No. 58-95 Drawing No. _____
 Date 4-19-56 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. JAC-915

+ 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.

Storage Well 3 Samples 1700-2045
 30-192 4560-4925 Deep Well



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Storage

Oil or Gas Well Gas

(KIND)

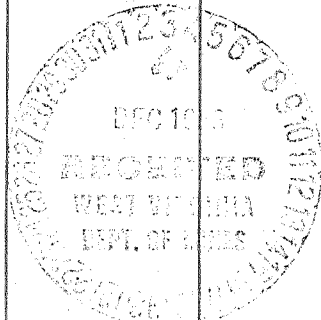
Quadrangle Ripley
Permit No. JAC-915
Company United Fuel Gas Company
Address P. O. Box 1273; Charleston 25, W. Va.
Farm John W. Cook Acres 72
Location (waters) Mud Run
Well No. X59-7339 Elev. 730.77
District Ravenswood County Jackson
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by O. H. Cook, et al
Fairview Road Address Chester, W. Va.
Drilling commenced September 7, 1956
Drilling completed October 3, 1956
Date Shot _____ From _____ To _____
With _____
Open Flow 54 /10ths Water in _____ Inch
7 /10ths Merc. in _____ Inch
Volume 11,698,000 Oriskany Cu. Ft.
Rock Pressure 1200 lbs. 72 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13 3/8		75'	
10			Size of
9 5/8		2050'	
7 1/2		4860	Depth set
5 3/16			
3			Perf. top
2 3/8		4937	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale & Sand			0	1325	Gas 4910-4920', 54/10 Merc. 7" 22# 11,698 M		
Hard Sand			1325	1775			
Limestone			1775	1865			
Hard Sand			1865	1945			
Sand - <u>equival</u>			1945	1990			
Hard Sand & Shale			1990	4800			
Corniferous			4800	4904			
Oriskany			4904				
Total Depth			4937'				
					Shut in 10-3-56 in 2" tubing.		
					4800 731 4069		



(Over)

700-21015
1405-2045
4600-4845 4800-4925

WR-35

23-Feb-98

API # 47- 35-00915 D

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

Reviewed 18

Well Operator's Report of Well Work

Checked by Gas
Planning

Farm name: DYKENS, DONALD & RITA Operator Well No.: 7339

LOCATION: Elevation: 741.85 Quadrangle: SANDYVILLE

District: RAVENSWOOD County: JACKSON
Latitude: 11450 Feet South of 38 Deg. 55Min. 0 Sec.
Longitude 7850 Feet West of 81 Deg. 40 Min. 0 Sec.

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

Agent: RICHARD L. COTY

Inspector: HOMER DOUGHERTY
Permit Issued: 03/05/98
Well work Commenced: 04/28/98
Well work Completed: 05/22/98
Verbal Plugging
Permission granted on: _____
Rotary Cable Rig
Total Depth (feet) 4974'
Fresh water depths (ft) N/A
Salt water depths (ft) N/A

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
20"		11'	
13-3/8"		74'	
9-5/8"		2056'	
7"		4885'	
4-1/2"		4972'	90 sx

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

OPEN FLOW DATA

Producing formation Oriskany Storage Pay zone depth (ft) 4889' - 4916'
 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: [Signature]
Date: 2/22/99

MAR 16 1999

JAC 0915D

- 5/4/98 Drilled 6-1/8" hole to 4974' (Helderbury Lime).
- 5/7/98 Ran 4972' of 4-1/2", 11.6# / ft N-80 casing. Cemented with 90 sx of Class "A".
- 5/19/98 Perforated Oriskany from 4889' - 4903' and 4912' - 4916' with 6 SPF.
- 5/21/98 Fractured Oriskany with N2 Assist Deltafrac using 404 bbls of H2O, 157 MSCF N2, 23,980 lb of 20/40 sand at 1 - 4 PPG.