

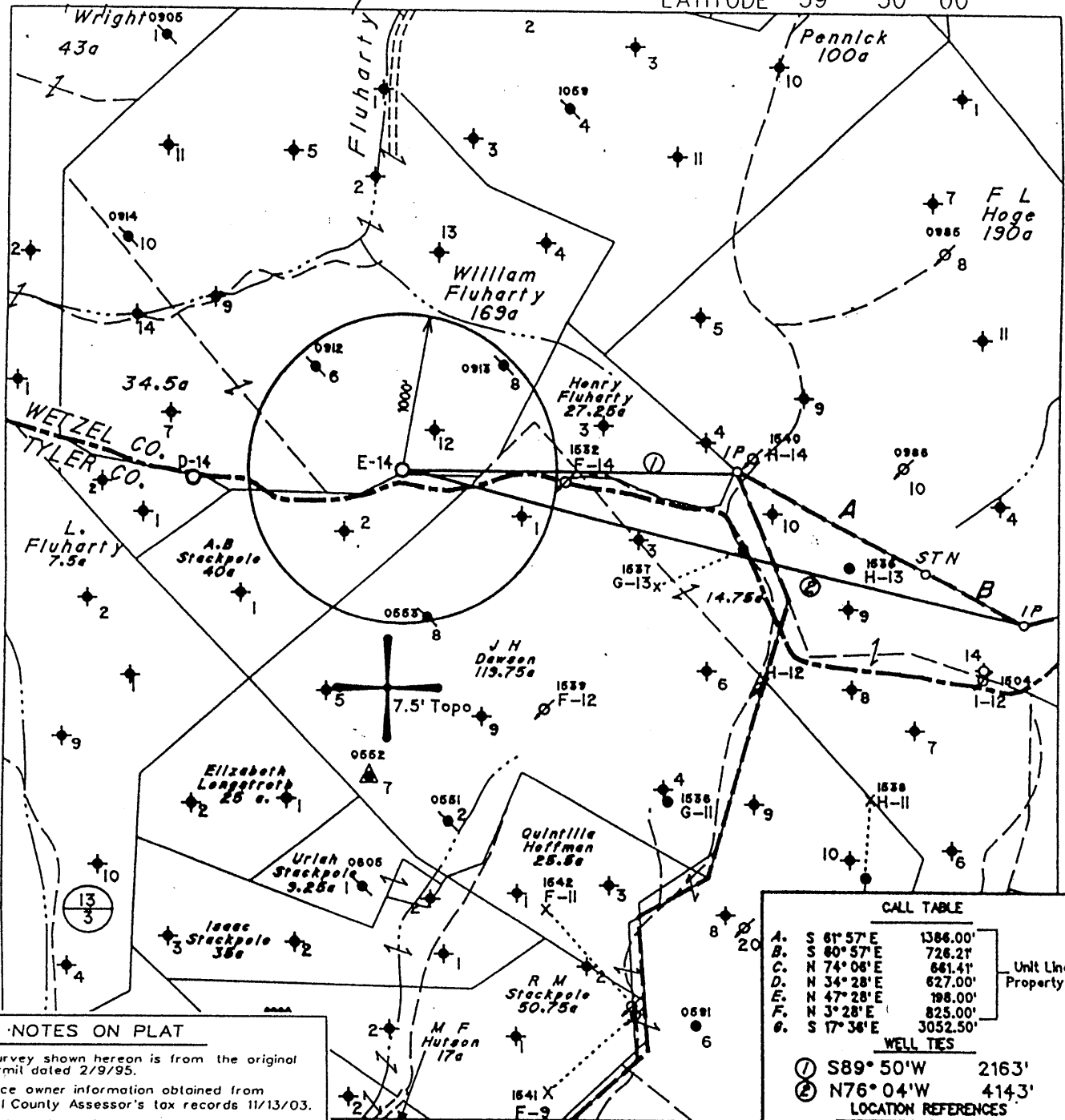
Longitude - 80° 42' 00.7"

9,450'

LATITUDE 39° 30' 00"

LONGITUDE 80° 40' 00"

Latitude - 39° 28' 27.8"



NOTES ON PLAT

- 1 - The survey shown hereon is from the original drilling permit dated 2/9/95.
- 2 - Surface owner information obtained from the Wetzel County Assessor's tax records 11/13/03.
- 3 - Latitude and Longitude checked for accuracy on 11/3/03.

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

CALL TABLE		
A.	S 61° 57' E	1386.00'
B.	S 60° 57' E	726.21'
C.	N 74° 06' E	661.41'
D.	N 34° 28' E	627.00'
E.	N 47° 28' E	198.00'
F.	N 3° 28' E	825.00'
G.	S 17° 36' E	3052.50'

Unit Line & Property Line

WELL TIES	
①	S89° 50' W 2163'
②	N76° 04' W 4143'

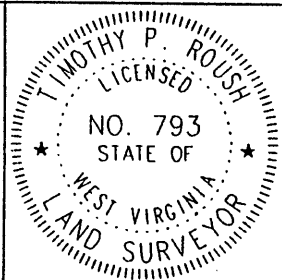
LOCATION REFERENCES

S57° 50' E	172' 10" Chest. Oak
N88° 54' E	147' 16" Maple
S56° 27' W	103' 10" Chest. Oak

FILE NO. _____
 MAP NO. _____ N _____ S _____ E _____ W _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION WVDEP Records

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) *[Signature]*
 TIMOTHY P. ROUSH PS 793



WEST VIRGINIA
 Division of Environmental Protection
 Office of Oil and Gas
 1356 Hansford St.
 Charleston, West Virginia 25301



DATE November 13, 2003
 FARM William Fluharty NO. E-14
 API WELL NO. 47-103-1657F

WELL TYPE: OIL _____ GAS _____ LIQUID INJECTION WASTE DISPOSAL _____
 (IF "GAS") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION: ELEVATION 1,416' WATERSHED Fluharty Fork
 DISTRICT Green COUNTY Wetzel
 QUADRANGLE Centerpoint 7.5'

SURFACE OWNER W.Va. Public Land Corporation ACREAGE 168.5
 OIL & GAS ROYALTY OWNER East Resources, et al. LEASE ACREAGE 240 Ac.
 LEASE NO. Fee-2831

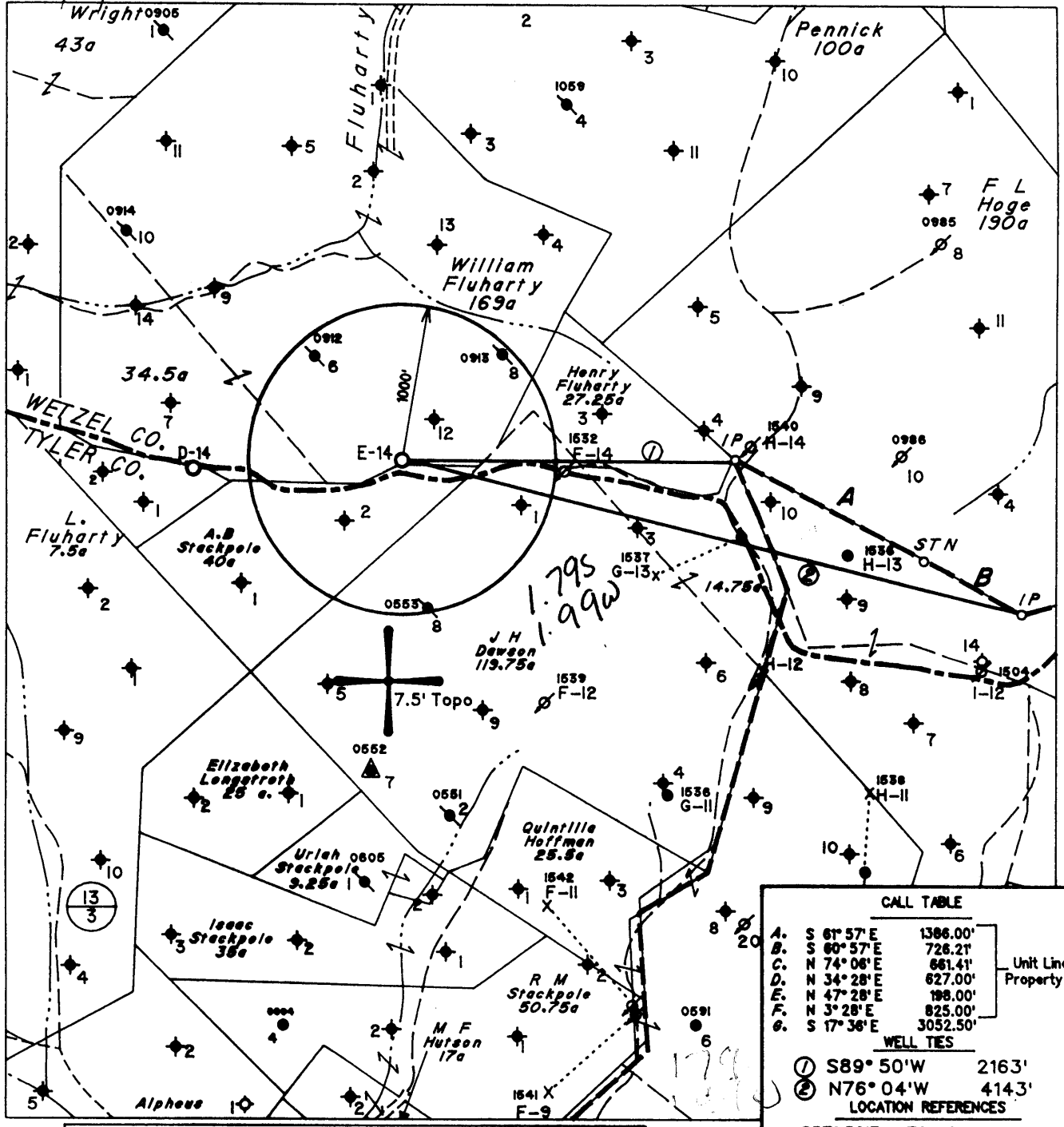
PROPOSED WORK: DRILL _____ CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION Gordon ESTIMATED DEPTH 3,415'
 WELL OPERATOR East Resources, Inc. DESIGNATED AGENT Michael McCown
 ADDRESS P. O. Box 5519 ADDRESS P. O. Box 5519
 Vienna, W.Va. 26105 Vienna, W.Va. 26105

8-D JACKSONBURG - STRINGTOWN (95)

WET 1657F

18 3/2/95



Note: No Known Water Supply Sources Are Located Within 1000' Of Proposed Well

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

CALL TABLE		
A.	S 61° 57' E	1386.00'
B.	S 60° 57' E	726.21'
C.	N 74° 06' E	661.41'
D.	N 34° 28' E	627.00'
E.	N 47° 28' E	198.00'
F.	N 3° 28' E	825.00'
G.	S 17° 36' E	3052.50'

Unit Line & Property Line

WELL TIES	
①	S89° 50' W 2163'
②	N76° 04' W 4143'

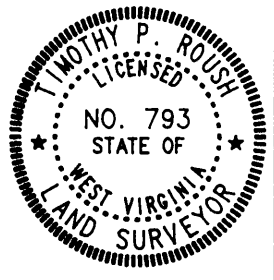
LOCATION REFERENCES

S57° 50' E	172' 10" Chest. Oak
N88° 54' E	147' 16" Maple
S56° 27' W	103' 10" Chest. Oak

FILE NO. 1061
 MAP NO. N47 N 2 S E W 5
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION USGS BM - 902'

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) Timothy P. Roush
 TIMOTHY P. ROUSH PS 793



STATE OF WEST VIRGINIA
 DIVISION OF ENERGY
 OIL AND GAS SECTION



DATE February 9, 19 95
 FARM William Fluharty NO. E-14
 API WELL NO. 47-103-1657-S

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1416' WATERSHED Fluharty Fork
 DISTRICT Green COUNTY Wetzel
 QUADRANGLE Centerpoint
 SURFACE OWNER Virginia F. Drew etal ACREAGE 168.5 Ac.
 OIL & GAS ROYALTY OWNER Pennzoil Products Co. et.al. LEASE ACREAGE 240 Ac.
 LEASE NO. Fee-2831
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION Gordon ESTIMATED DEPTH 3415'
 WELL OPERATOR Pennzoil Products Company DESIGNATED AGENT James A. Crews
 ADDRESS P. O. Box 5519 ADDRESS P. O. Box 5519
Vienna, W.Va. 26105 Vienna, W.Va. 26105

8-0 95

8-0(95)

WR-35
RECEIVED
 WV Division of
 Environmental Protection

03-27-95
 API # 47-103-1657S

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

APR 10 1996

Well Operator's Report of Well Work

Permitting
 Office of Oil & Gas

Farm name: DREW, VIRGINIA FLUHARTY

Operator Well No.: WM FLUHARTY E-14

LOCATION: Elevation: 1,416

Quadrangle: CENTERPOINT

District: GREEN

County: WETZEL

Latitude: 9,350 Feet south of 39 Deg 30 Min 0 Sec.

Longitude: 9,450 Feet west of 80 Deg 40 Min 0 Sec.

Company: PENNZOIL PRODUCTS COMPANY
 P.O. BOX 5519
 VIENNA, WV 26105-5519

Agent: PHILIP S. ONDRUSEK

Inspector: RANDAL MICK

Permit Issued: 3/27/95

Well work Commenced: 7/10/95

Well work Completed: 11/13/95

Verbal plugging permission granted on:

Rotary Cable Rig

Total Depth (feet) 3,415

Fresh water depths (ft) NA

Salt water depths (ft) NA

Is coal being mined in area (Y/N) N

Coal Depths (ft): NA

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8-5/8	670'	670'	200 SKS
4 1/2"	3349'	3349'	170 SKS

OPEN FLOW DATA

*Waterflood Injection Well

Producing formation GORDON Pay zone depth (ft) 3258-3320
 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

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: PENNZOIL PRODUCTS COMPANY

By: Philip Ondrusek

Date: 4/8/96

Treatment:

Perforated Gordon 3290-3298 4 Holes Per Foot (32 Holes) Treated via 4 1/2" with 300 gal 15% HCl Acid, 188 BBL Gelled Water, 8,900 lbs 20/40 Sand.

Well Log:

Sand & Shale	0	-	1580'
Sand	1580'	-	1671'
Shale	1671'	-	1812'
Sand	1812'	-	1846'
Sand & Shale	1846'	-	2351'
Sand	2351'	-	2360'
Shale	2360'	-	2382'
Sand	2382'	-	2594'
Sand & Shale	2594'	-	3258'
Gordon	3258'	-	3320'
T.D.	3415'		