

Lat. = 39° 30' 10.4"

8,450'

LATITUDE 39° 32' 30"

LONGITUDE 80° 40' 00"

14,100'

14,100'

14,100'

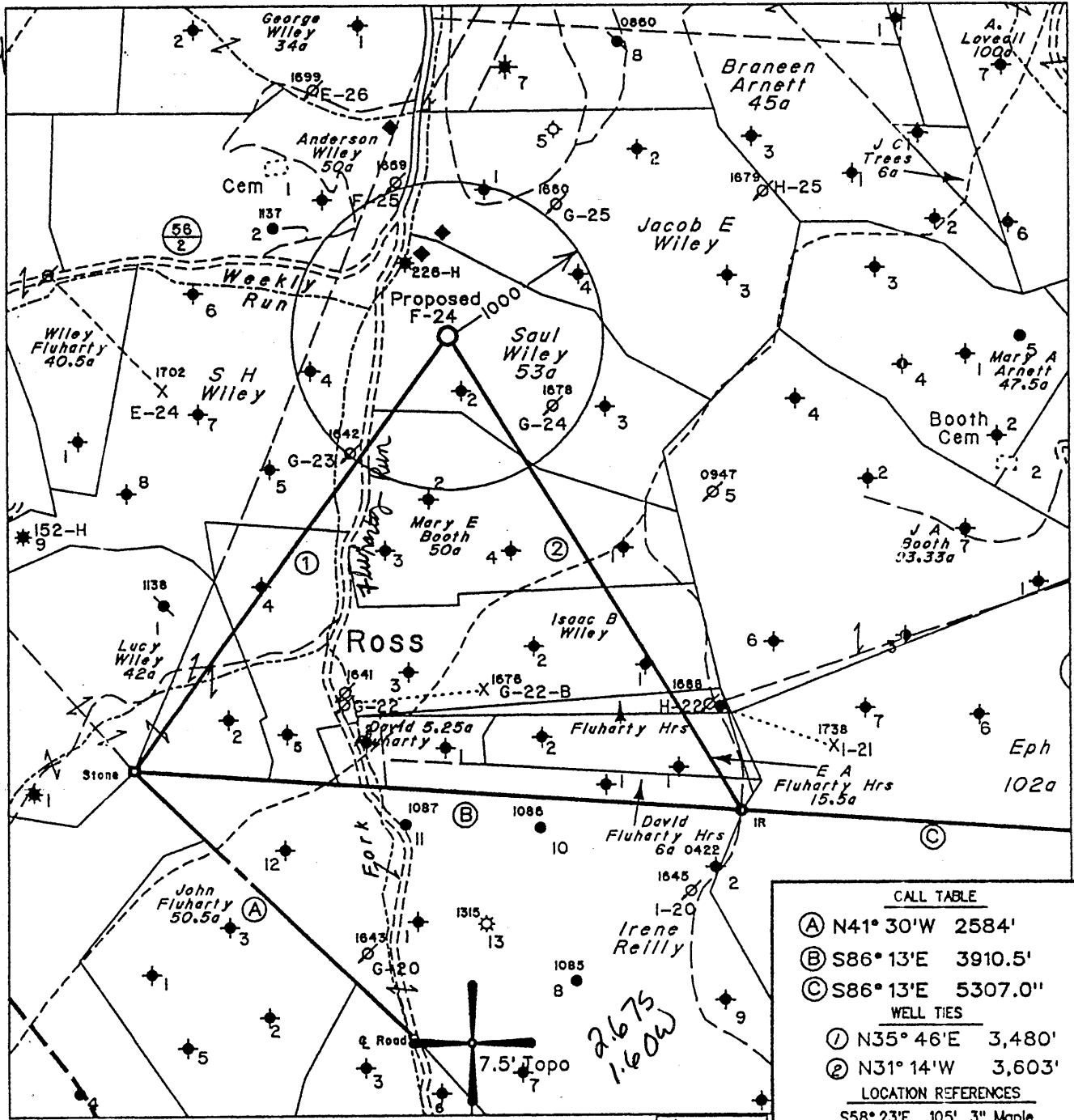
14,100'

14,100'

14,100'

14,100'

*Janice 3/1/99*



Note: All Known Water Supply Sources Located Within 1000' Of Proposed Well Are Shown

Denotes a Water Supply Source

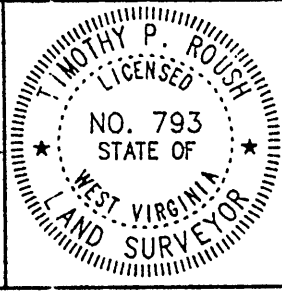
(H) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

CALL TABLE	
(A)	N41° 30'W 2584'
(B)	S86° 13'E 3910.5'
(C)	S86° 13'E 5307.0'
WELL TIES	
(1)	N35° 46'E 3,480'
(2)	N31° 14'W 3,603'
LOCATION REFERENCES	
S58° 23'E	105' 3" Maple
S13° 31'E	164' 8" Hickory
S50° 14'W	130' 3" Gum

FILE NO. 1094  
 MAP NO. N57 N 4 S E W 4  
 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



**WEST VIRGINIA**  
 Division of Environmental Protection  
 Office of Oil and Gas  
 •10 McJunkin Road  
 Nitro, West Virginia 25143-2506



DATE February 2, 19 99  
 FARM S.H. Wiley NO. F-24  
 API WELL NO. 47-103-01770

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1024' WATERSHED Fluharty Fork  
 DISTRICT Green COUNTY Wetzel  
 QUADRANGLE Pine Grove  
 SURFACE OWNER Lewis Perkins ACREAGE 21.5 Ac.  
 OIL & GAS ROYALTY OWNER Pennzoil Exploration & Production Co. LEASE ACREAGE 132 Ac.  
 LEASE NO. RG 2832-00  
 PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

MAR 08 1999

PLUG AND ABANDON  CLEAN OUT AND REPLUG   
 TARGET FORMATION Gordon ESTIMATED DEPTH 3025'  
 WELL OPERATOR Pennzoil E. & P. Co. DESIGNATED AGENT Philip S. Ondrusek  
 ADDRESS P. O. Box 5519 ADDRESS P. O. Box 5519  
Vienna, W.Va. 26105 Vienna, W.Va. 26105

6-6 95

FORM IV-6

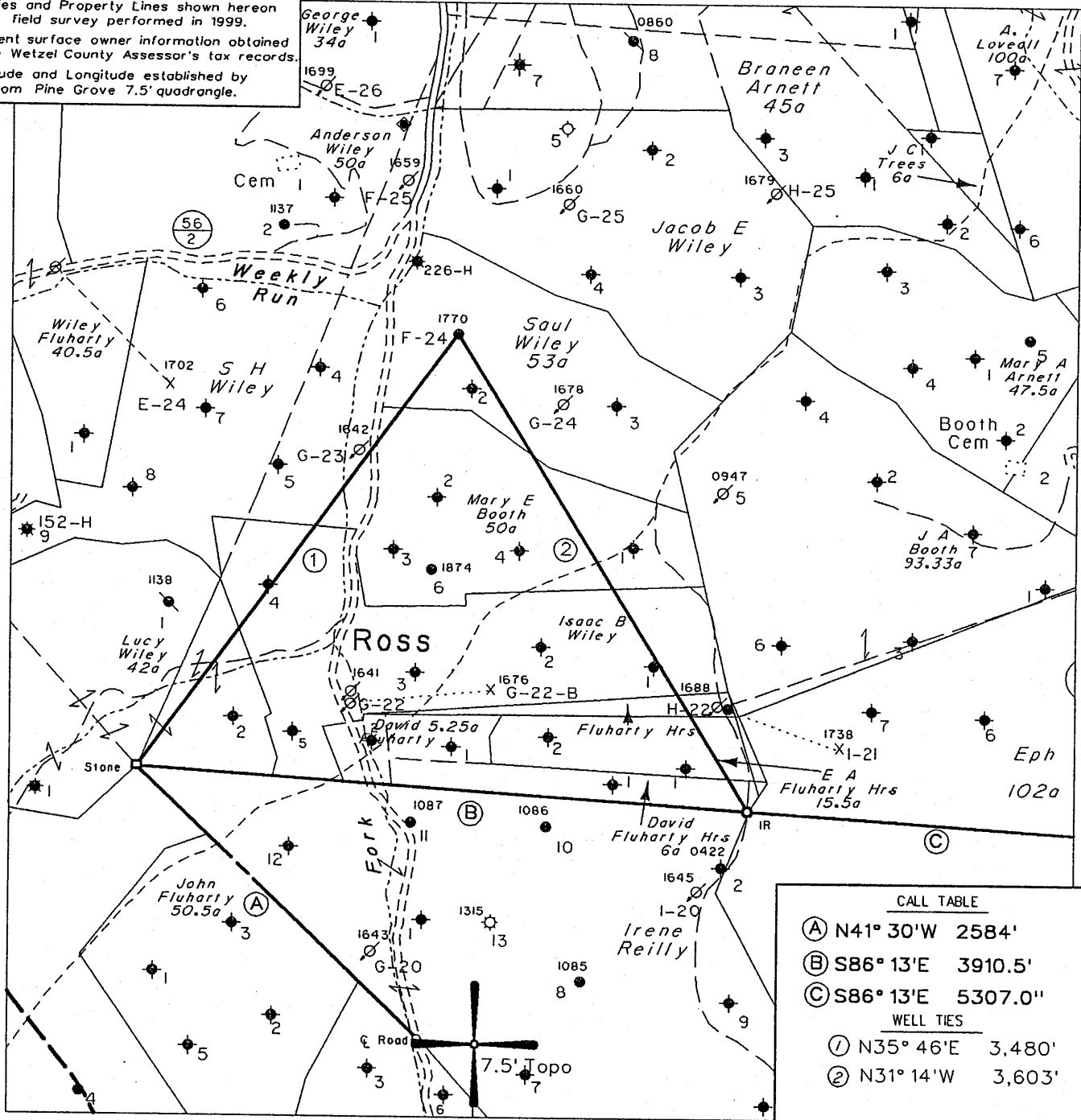
WEST 1770

NOTES ON SURVEY

- 1 - Well Ties and Property Lines shown hereon are from field survey performed in 1999.
- 2 - Current surface owner information obtained from the Wetzel County Assessor's tax records.
- 3 - Latitude and Longitude established by scaling from Pine Grove 7.5' quadrangle.

LATITUDE 39° 32' 30"

LONGITUDE 80° 40' 00"

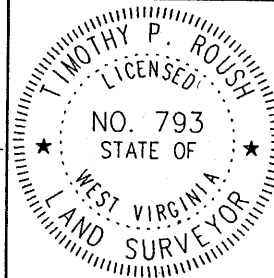


(H) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

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 MAP NO. N57 N 4 S E W 4  
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(SIGNED) *Timothy P. Roush*  
 TIMOTHY P. ROUSH PS 793



WEST VIRGINIA

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



DATE September 11, 2002  
 FARM S.H. Wiley NO. F-24

API WELL NO. 47-103-01770F

CANCELLED

NOV 03 2008

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1024' WATERSHED Fluharty Fork  
 DISTRICT Green COUNTY Wetzel  
 QUADRANGLE Pine Grove

SURFACE OWNER Lewis Perkins ACREAGE 21.5 Ac.  
 OIL & GAS ROYALTY OWNER East Resources, Inc. et al LEASE ACREAGE 132 Ac.  
 LEASE NO. RG 2832-00

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 3,022'  
 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

Long. = 80° 41' 47.3" WET 1770 CANC.

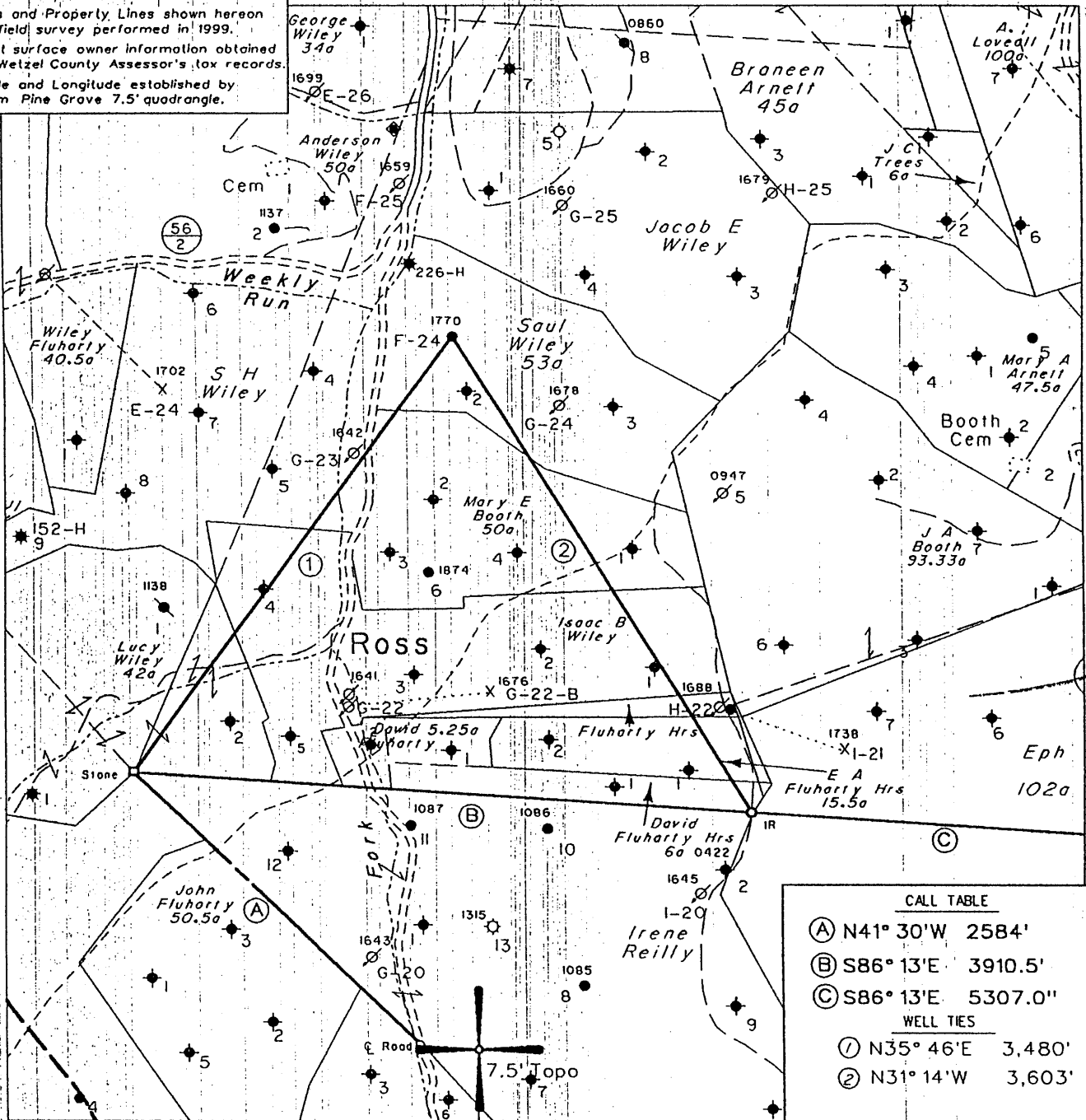
Lat. = 39° 30' 10.4"

8,450'

LATITUDE 39° 32' 30"

NOTES ON SURVEY

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- 3 - Latitude and Longitude established by scaling from Pine Grove 7.5' quadrangle.



LONGITUDE 80° 40' 00"

14,100'

Long. = 80° 41' 47.3"

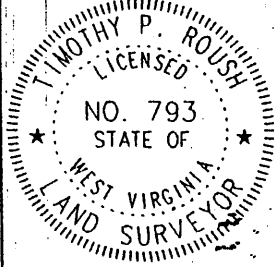
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(SIGNED) *Timothy P. Roush*  
 TIMOTHY P. ROUSH PS 793



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



DATE September 11, 2002  
 FARM S.H. Wiley NO. F-24  
 API WELL NO. 47-103-01770F

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1024' WATERSHED Fluharty Fork  
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PLUG AND ABANDON  CLEAN OUT AND REPLUG   
 TARGET FORMATION Gordon ESTIMATED DEPTH 3,022'  
 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

NOV 1 2002

FORM IV-9

WET 1770 F

10-41-2002  
A2 B

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

Well Operator's Report of Well Work

Farm name: Perkins, Lewis Operator Well No.: S H WILEY # F-24

LOCATION: Elevation: 1024' Quadrangle: Pine Grove  
District: Green County: Wetzel  
Latitude: 14,100 Feet south of 39 Deg 32 Min 30 Sec.  
Longitude: 8,450 Feet west of 80 Deg 40 Min 00 Sec.

Company: EAST RESOURCES, INC.  
P.O. BOX 5519  
VIENNA, WV 26105-5519

Agent: MICHAEL MCCOWN

Inspector: Mike Underwood  
Permit Issued: 04/16/99  
Well work Commenced: 05/20/99  
Well work Completed: 07/09/99  
Verbal plugging permission granted on:  
Rotary X Cable \_\_\_\_\_ Rig \_\_\_\_\_  
Total Depth (feet) 3,022  
Fresh water depths (ft) 75'  
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"	291.00	291.00	165 sks
4 1/2"	2987.60'	2987.60'	275 sks

OPEN FLOW DATA \* waterflood producer

Producing formation Gordon Pay zone depth (ft) 2879-2893  
 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.

RECEIVED  
Office of Oil & Gas  
Permitting  
APR 01 2002  
WV Department of  
Environmental Protection

For: EAST RESOURCES, INC.  
By: [Signature]  
Date: 1/24/02

APR 5 2002

WET 1770

**Treatment :**

Treated Gordon Perfs 2882-2892 w/500 gals 15% HCl, 244 bbls gelled water and 9900 # 20/40 sand

Not Complete

**Well Log :**

Sand and Shale	0	250
Sand	250	294
Shale	294	428
Sand	428	480
Shale	480	628
Sand	628	678
Shale	678	786
Sand	786	810
Shale	810	1228
Sand	1228	1267
Shale	1267	1322
Sand	1322	1410
Shale	1410	1706
Sand	1706	1722
Shale	1722	1796
Sand	1796	1835
Shale	1835	2024
Lime	2024	2100
Big Injun	2100	2261
Shale	2261	2852
Gordon Stray	2852	2866
Shale	2866	2879
Gordon	2879	2893
Shale	2893	3022
TD	3022	