

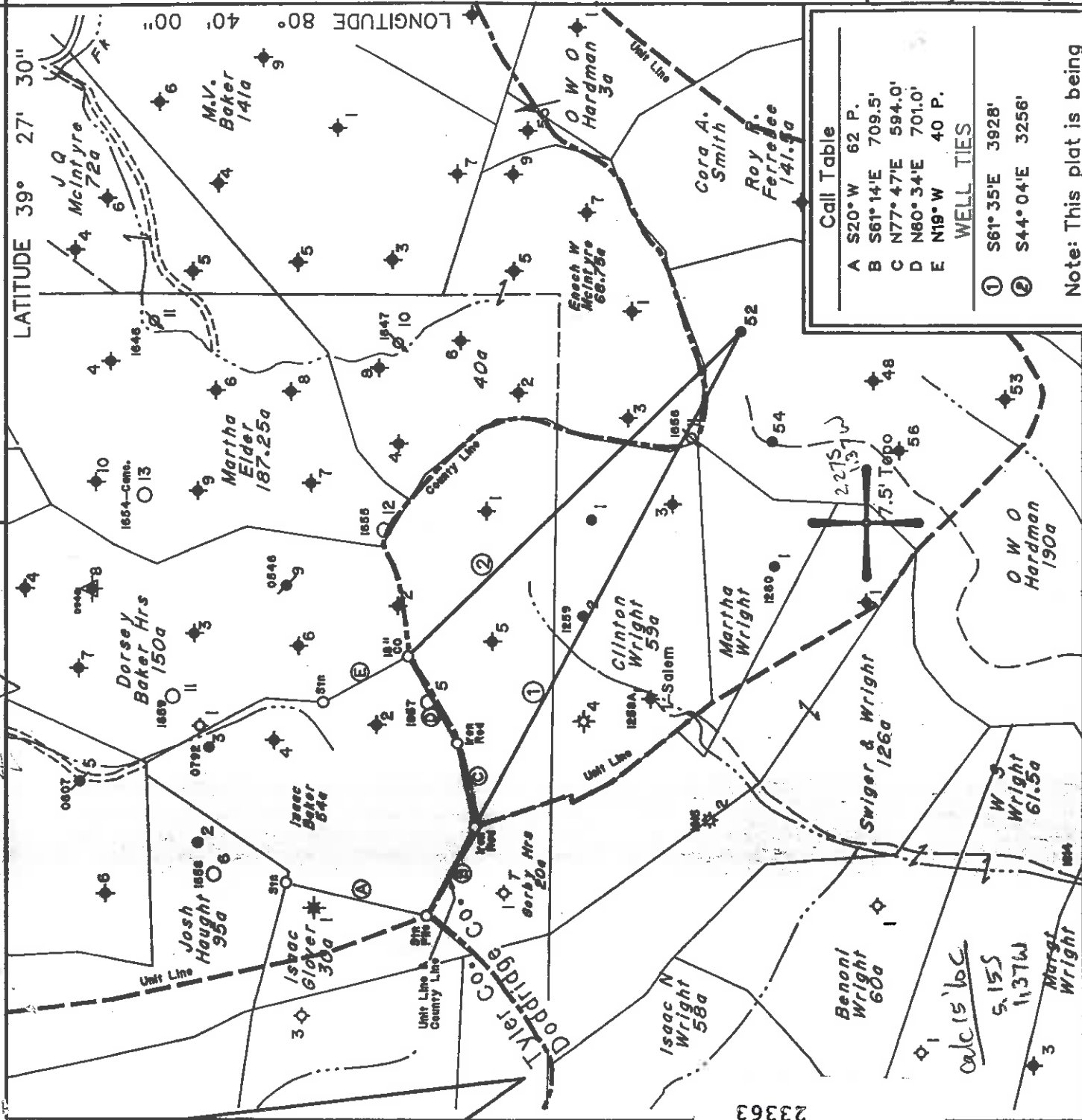
7,250'

LATITUDE 39° 27' 30"

LONGITUDE 80° 40' 00"

11,950'

23363



Call Table

A	S20° W	62 P.
B	S61° 14'E	709.5'
C	N77° 47'E	594.0'
D	N60° 34'E	701.0'
E	N19° W	40 P.

WELL TIES

①	S61° 35'E	3928'
②	S44° 04'E	3256'

Note: This plat is being submitted for API Number assignment only.

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

Note: There are no known water supply sources located within 1000' of proposed well.

◆ Denotes a Water Supply Source

FILE NO. _____

MAP NO. N47 N S 2 E W 4

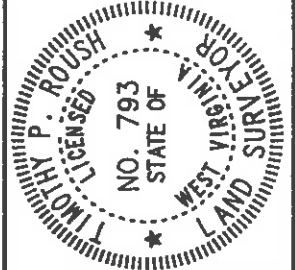
SCALE 1" = 1000'

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 PS 793



STATE OF WEST VIRGINIA
DIVISION OF ENERGY
OIL AND GAS SECTION



DATE September 24, 19 96
FARM O.W.O. Hardman NO. 52
API WELL NO. 47-017 - 4347-N

WELL TYPE: OIL X GAS _____ LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____
LOCATION: ELEVATION 1221' WATER-SHED Laughery Fork
DISTRICT McCiellan COUNTY Doddridge
QUADRANGLE Centerpoint 7.5' ACREAGE 2.4
SURFACE OWNER Coastal Lumber Co.
OIL & GAS ROYALTY OWNER Pennzoil Products Co. et al. LEASE ACREAGE _____
LEASE NO. _____
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 _____
WELL OPERATOR Pennzoil Products Company DESIGNATED AGENT Philip S. Ondrusek
ADDRESS P. O. Box 5519 ADDRESS P. O. Box 5519
Vienna, W.Va. 26105 Vienna, W.Va. 26105

8-0 95

WELL: 017 70674

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

Ac 13

Well Operator's Report of Well Work

Farm name: COASTAL LUMBER CO. Operator Well No.: HARDMAN 52

LOCATION: Elevation: 1221' Quadrangle: CENTERPOINT 7.5'

District: MCCLELLAN County: DODDRIDGE
Latitude: 11,950 Feet south of 39 Deg 27 Min 30 Sec.
Longitude: 7,250 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: 03/23/00
Well work Commenced: 09/23/00
Well work Completed: 10/11/00

Verbal plugging permission granted on:

Rotary Cable X Rig
Total Depth (feet) 3118'
Fresh water depths (ft) NA

Salt water depths (ft) NA

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

OPEN FLOW DATA * water flood producer

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
6 5/8"	2430'	2430'	Existing
5 3/16"	2565'	2565'	Existing
3 1/2"	3115'	3115'	275 sks

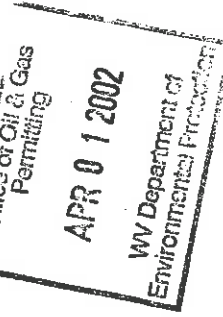
Producing formation Gordon

Gas: Initial open flow * MCF/d Oil: Initial open flow Pay zone depth (ft) 3080'-3092'
 Final open flow * MCF/d Final open flow * Bbl/d
 Time of open flow between initial and final tests Hours * Bbl/d
 Static rock pressure * psig (surface pressure) after Hours

Second producing formation

Gas: Initial open flow MCF/d Oil: Initial open flow Pay zone depth (ft) 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 INFORMATION, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.



For: EAST RESOURCES, INC.
By: *Mike Underwood*
Date: 3/27/02

Dood 4347 F

Treatment:

Treated Gordon Perfs 3084'-3088' w/500 gals 15% HCl, 220 bbls gelled water and
11,300 # 20/40 sand

Well Log:

See original record

West Virginia Department of Environmental Protection
Office of Oil & Gas

WELL LOCATION FORM: GPS

API: 47- 017 - 4347-P WELL NO: No.52

FARM NAME: O.W.O. Hardman

RESPONSIBLE PARTY NAME: East Resources, Inc.

COUNTY: Doddridge DISTRICT: McClellan

QUADRANGLE: Centerpoint 7.5'

SURFACE OWNER: Coastal Lumber Co. Roy R. Ferrebee

ROYALTY OWNER: East Resources, Inc. et al.

UTM GPS NORTHING: 4,363,835 (NAD 27)

UTM GPS EASTING: 526,511 (NAD 27) GPS ELEVATION: 372 m.

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit on the above well. The Office of Oil & Gas will not accept GPS coordinates that do not meet the following requirements:

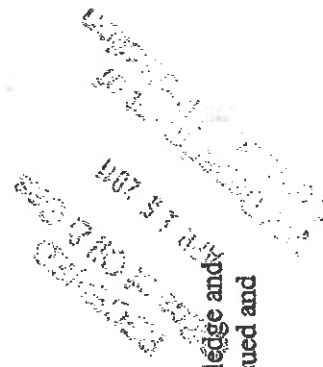
1. Datum: NAD 1983, Zone:17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) - meters.
2. Accuracy to Datum - 3.05 meters
3. Data Collection Method:

Survey Grade GPS Post Processed Differential
 Real-Time Differential
 Mapping Grade GPS Post Processed Differential
 Real-Time Differential

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

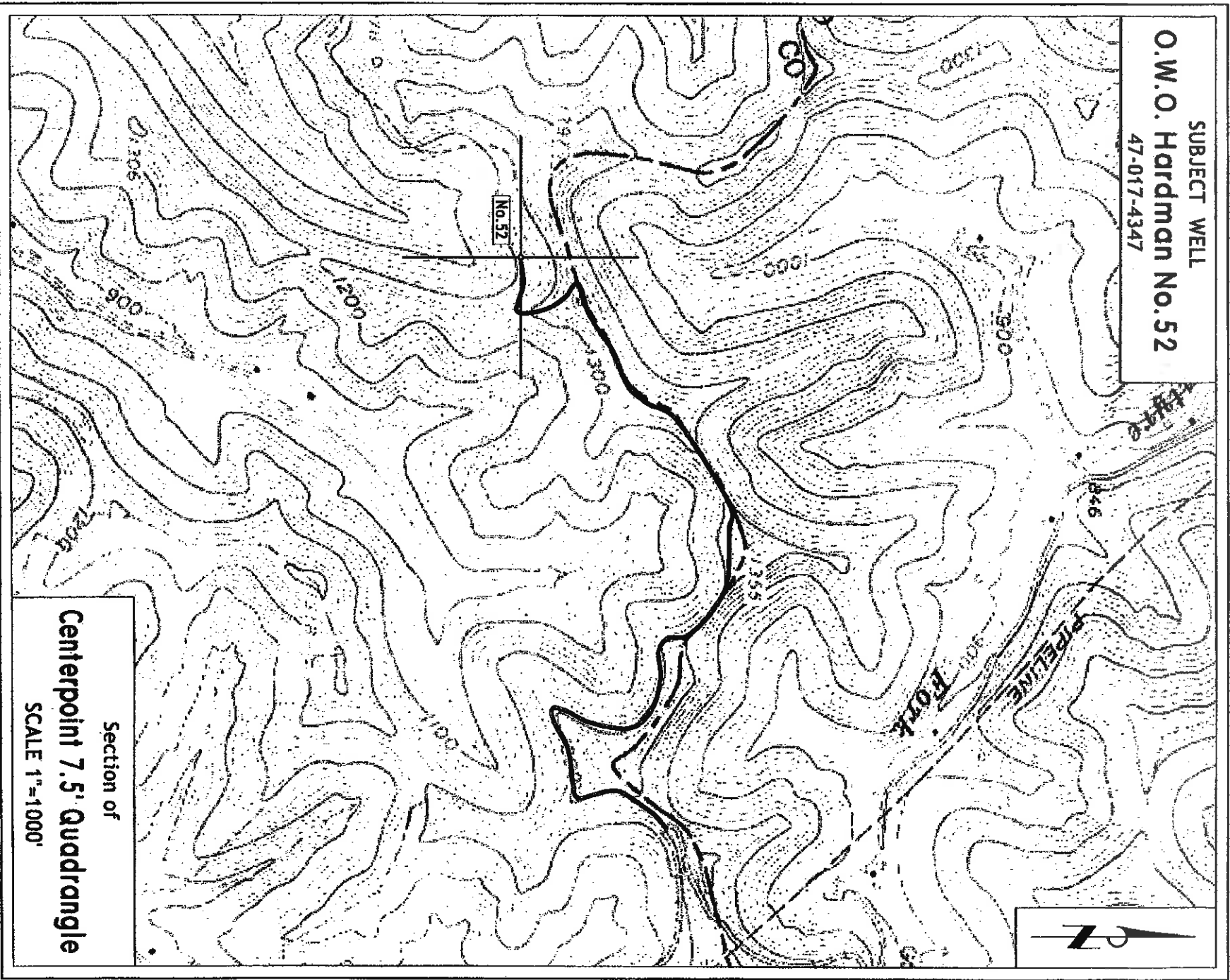

 Signature Timothy P. Roush Title Professional Surveyor

Date April 12, 2011



17-01341P

SUBJECT WELL
O.W.O. Hardman No. 52
47-017-4347



Section of
Centerpoint 7.5' Quadrangle
SCALE 1"=1000'

47-017-4347
Well Record O.W.O. HARDMAN #52

FORMATION RECORD:

Pgh. coal 1020
Sand 2320 Top of Big
Injun
Gordon stray 3060 Hole to 4"
Top of Gordon 3080
3087 Top of 1st
pay
Good sand to 3092
3102 $\frac{1}{2}$ Through sand

CASING & TUBING RECORD:
PUT IN PULLED OUT

10"	270	270
8 $\frac{1}{2}$ "	1520	1520
6 5/8"	2430	
5 3/16"	2505	

EQUIPMENT:

Wooden Rig
Tillinghast Engine
Rod Pumping Outfit - Wood
Wood Engine & Belt Houses
1 - 60 bbl. wood Water Tank

RP
6/15/99

Dood 4347

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
SECTION OF OIL AND GAS

WELL REGISTER ASSIGNMENT

This API Number 47- 17-04347, issued to PENNZOIL PRODUCTS COMPANY is evidence of permission to operate the well that is referenced at the location described on the attached plat, subject to the provisions of Chapters 22 and 22B of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder. The name and telephone number of the Oil and Gas Inspector for this well is MIKE UNDERWOOD -
304-288-4604.

Spills or emergency discharges must be reported to 1-800-654-3312.

Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of your permits and in addition may result in civil and/or criminal penalties.

The enclosed WR-35 must be completed by you and returned to this office. In addition annual production reports must be submitted on this well and failure to do so may require you to plug the well.

Theodore M. Streit
Chief

By: 

Title: _____

Operator's Well No: HARDMAN #52

Farm Name: COASTAL LUMBER COMPANY

API Well Number : 47- 17-04347 N

Date Issued : 03/25/97

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL & GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPPLICATE, one copy mailed to the Department, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm Name: O.W.O. Hardman Operator Well No.: No.52
 Location: 1721' Quadrangle: Centerpoint 7.5
 District: McClellan County: Doddridge
 Latitude: _____ Feet South of: _____ Deg. Min. _____ Sec. _____
 Longitude: _____ Feet West of: _____ Deg. Min. _____ Sec. _____

Well Type: Oil X Gas _____ Coal Operator NA
 Company: East Resources Inc. or Owner _____
P.O. Box 5519 Coal Operator _____
Vienna, WV 26105 or Owner _____
 Agent: Philip S. Ondrusek

Permit Issued: 4/24/2011'

AFFIDAVIT

State of West Virginia, County of Wood SS: _____

Marvin Rollins and Ken Deason being first duty sworn according to law, depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 16th day of May, 20 11, and the well was plugged and filled in the following manner:

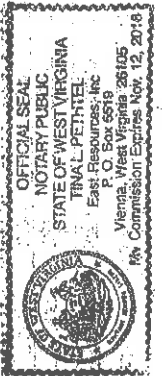
TYPE	FROM	TO	PIPE REMOVED	LEFT
Cement	3025'	2325'	6 7/8"	515'
Cement	2300'	2200'	5 3/16"	1440'
Cement	1610'	1500'	3 1/2"	2300'
Cement	1089'	950'		815'
Cement	550'	450'		
Cement	100'	0'		
Perforated 5 3/16" & 6 3/8" casing, 1 shot/20' from 2300' - 2200' & 1600' - 1500', Ripped 8 1/4" casing from 1050' to 950'				
6% Gel Between Cement Plugs				

RECEIVED
Office of Oil & Gas

JUN 09 2011
WV Department of Environmental Protection

Description of monument: 7" x 5 3rd and that the work of plugging and filling said well was completed on the _____ day of _____, 20 11

And further deponents saith not.
 Sworn and subscribed before me this 12th day of June, 20 11
 My commission expires: Nov. 12, 2018

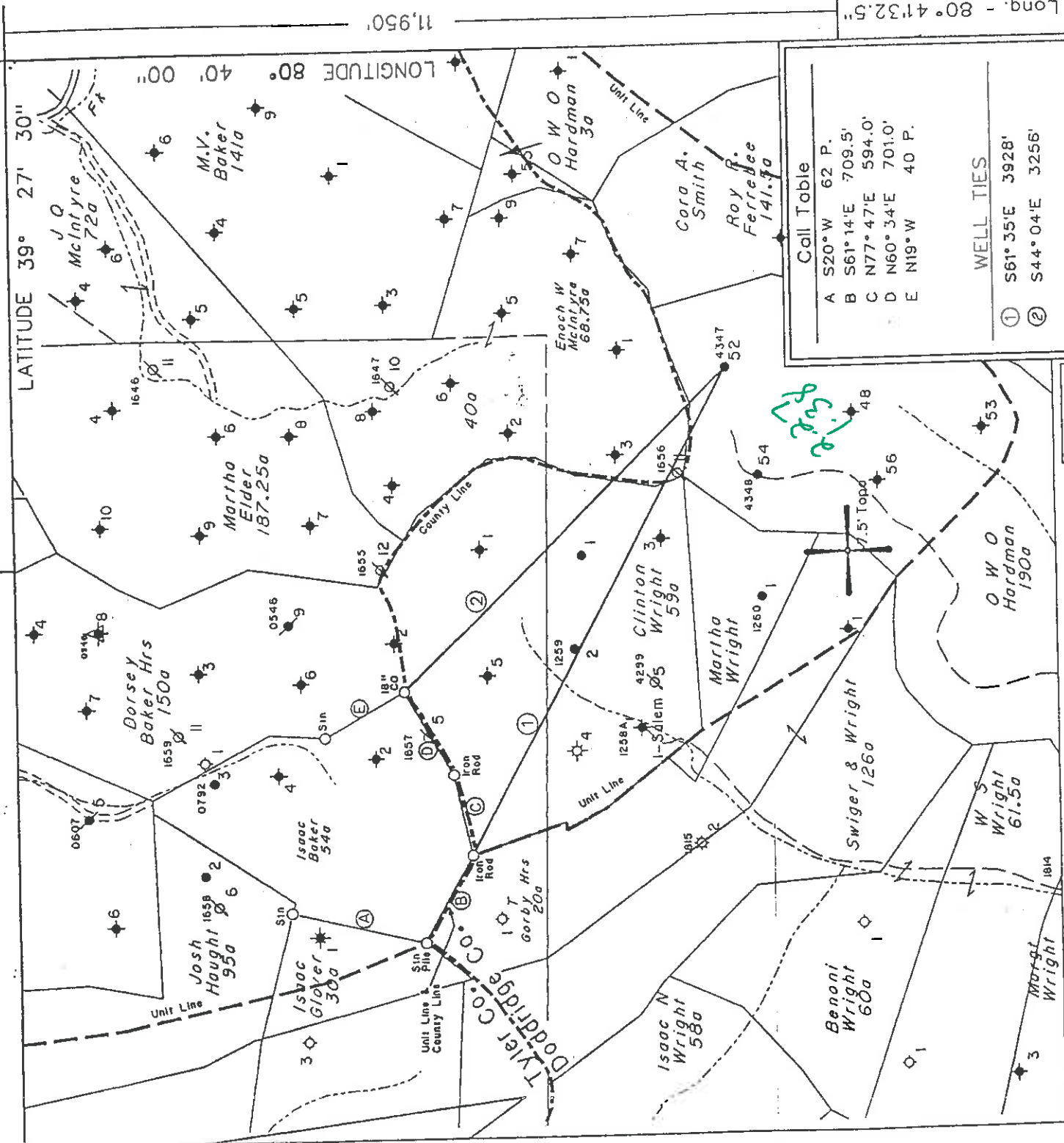


Notary Public: Tina L. Pet-Hel
 Affidavit reviewed by the Office of Oil and Gas: [Signature]
 Title: Manager

JUN 24 2011

Lat. - 39° 25' 31.7"

7,250'



Call Table

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C	N77°47'E	594.0'
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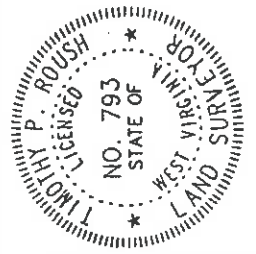
◆ Denotes a Water Supply Source

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

FILE NO. _____
 MAP NO. N47 N S.2 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) *[Signature]*
 TIMOTHY P. ROUSH PS 793



STATE OF WEST VIRGINIA
 DIVISION OF ENERGY
 OIL AND GAS SECTION



DATE August 20, 19 99
 FARM O.W.O. Hardman NO. 52
 API WELL NO. 47-017 - 4347F

WELL TYPE: OIL GAS _____ LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION: ELEVATION 1221' WATERSHED Laughery Fork
 DISTRICT McClellan COUNTY Doddridge
 QUADRANGLE Centerpoint 7.5' ACREAGE 190 Ac.
 SURFACE OWNER Coastal Lumber Co.
 OIL & GAS ROYALTY OWNER PennEnergy E&P, LLC LEASE ACREAGE 190 Ac.
 LEASE NO. _____
 PROPOSED WORK: DRILL _____ CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER: PHYSICAL CHANGE IN WELL (SPECIFY) Cleanout & Run New Casing

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____ ESTIMATED DEPTH 3,102'
 TARGET FORMATION Gordon DESIGNATED AGENT Michael McCown
 WELL OPERATOR PennEnergy E&P, LLC ADDRESS P. O. Box 5519
 ADDRESS Vienna, W.Va. 26105

REAR 2000

