

(+) DENOTES LOCATION OF WELL ON U.S.G.S. TOPOGRAPHIC MAP

Amie 11/17/88

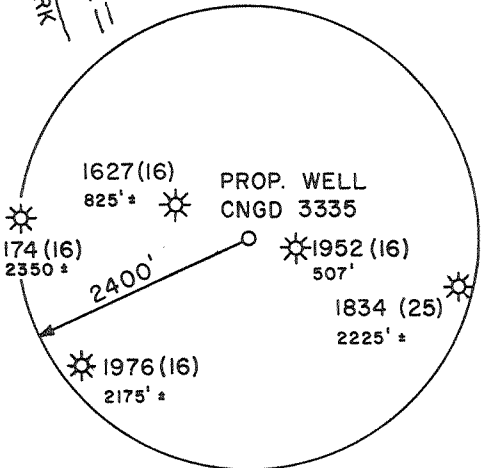
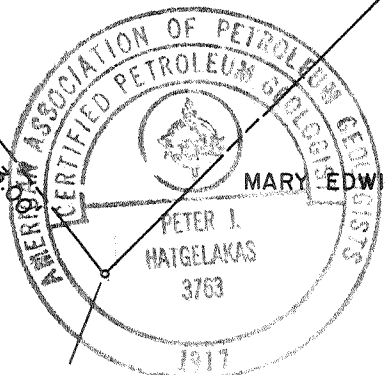
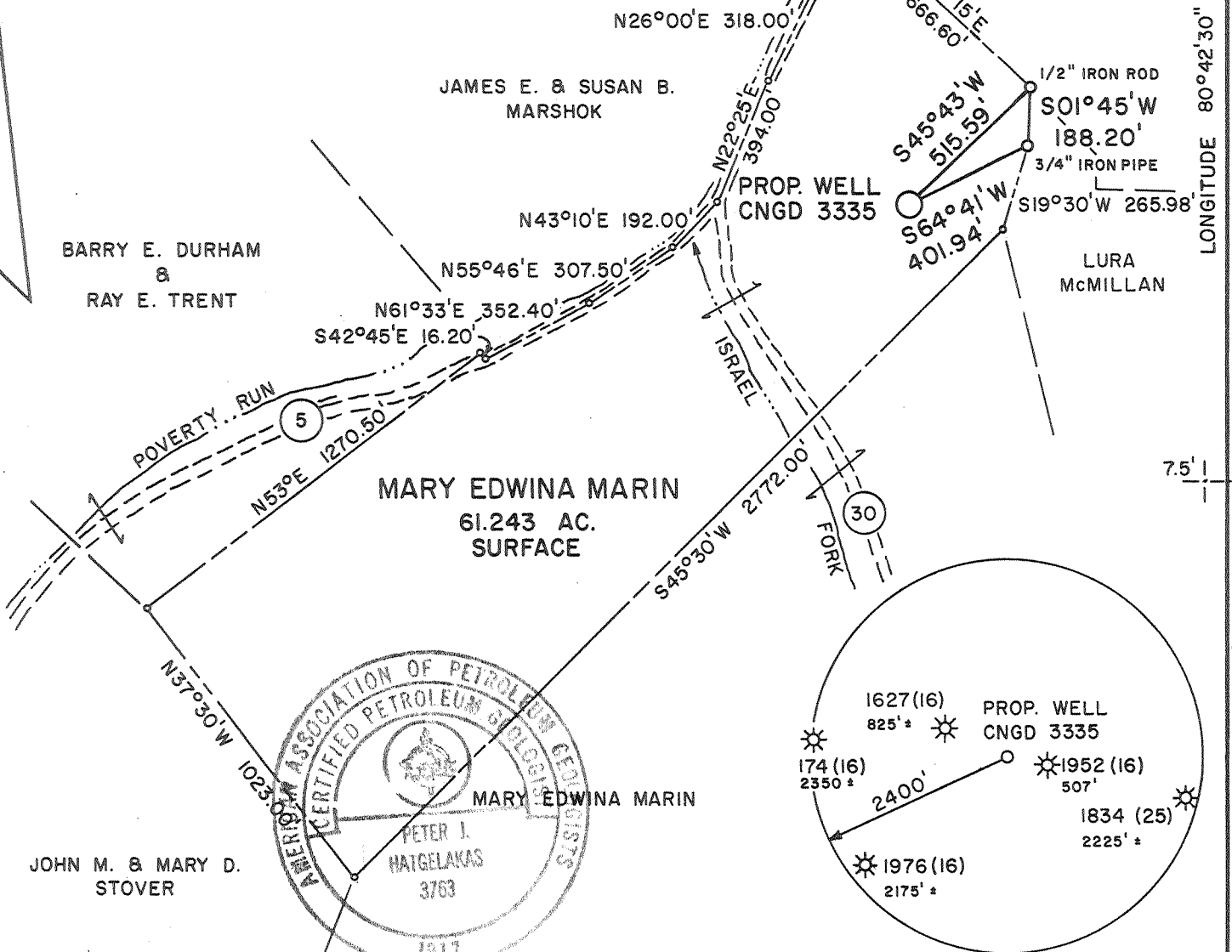
LATITUDE 39°22'30"

KENNETH D. HOSKINSON

BARBARA FETTY, et vir

MAGNETIC WELL REFERENCES:

N45°13'E 299.7' TO 18" C.O.
N39°34'E 294.5' TO 14" C.O.



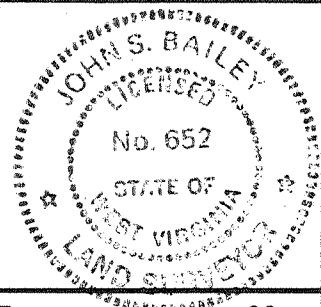
MSES consultants, inc.

FILE NO. MSES 88-837
DRAWN BY AAT/JSB
SCALE 1" = 500'
MIN. DEGREE OF ACCURACY 1/2500
PROVEN SOURCE OF ELEVATION:
ELEV. 792' AT JCT. CO. RTS. 30 & 5
600' WEST OF LOCATION

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)

John S. Bailey
R.P.E. _____ L.L.S. 652



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE OCTOBER 7, 1988

OPERATOR'S WELL NO. CNGD 3335

API WELL NO. 47 - 017 - 3680
STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1037.50' WATERSHED ISRAEL FORK OF POVERTY RUN OF FLINT RUN
DISTRICT GRANT COUNTY DODDRIDGE
QUADRANGLE SMITHBURG, WV 7.5' NEAREST TOWN FLINT

SURFACE OWNER MARY EDWINA MARIN ACREAGE 61.24
OIL & GAS ROYALTY OWNER S.B. McMILLAN LEASE ACREAGE 415

LEASE NO. TC-41967

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 ALEXANDER ESTIMATED DEPTH 5440'
WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT RODNEY J. BIGGS
ADDRESS ONE PARK RIDGE CENTER ADDRESS CROSSWIND CORPORATE PARK
P.O. BOX 15746 ROUTE 2 BOX 698
PITTSBURGH, PA 15244 BRIDGEPORT, WV 26330

FORM IV-6

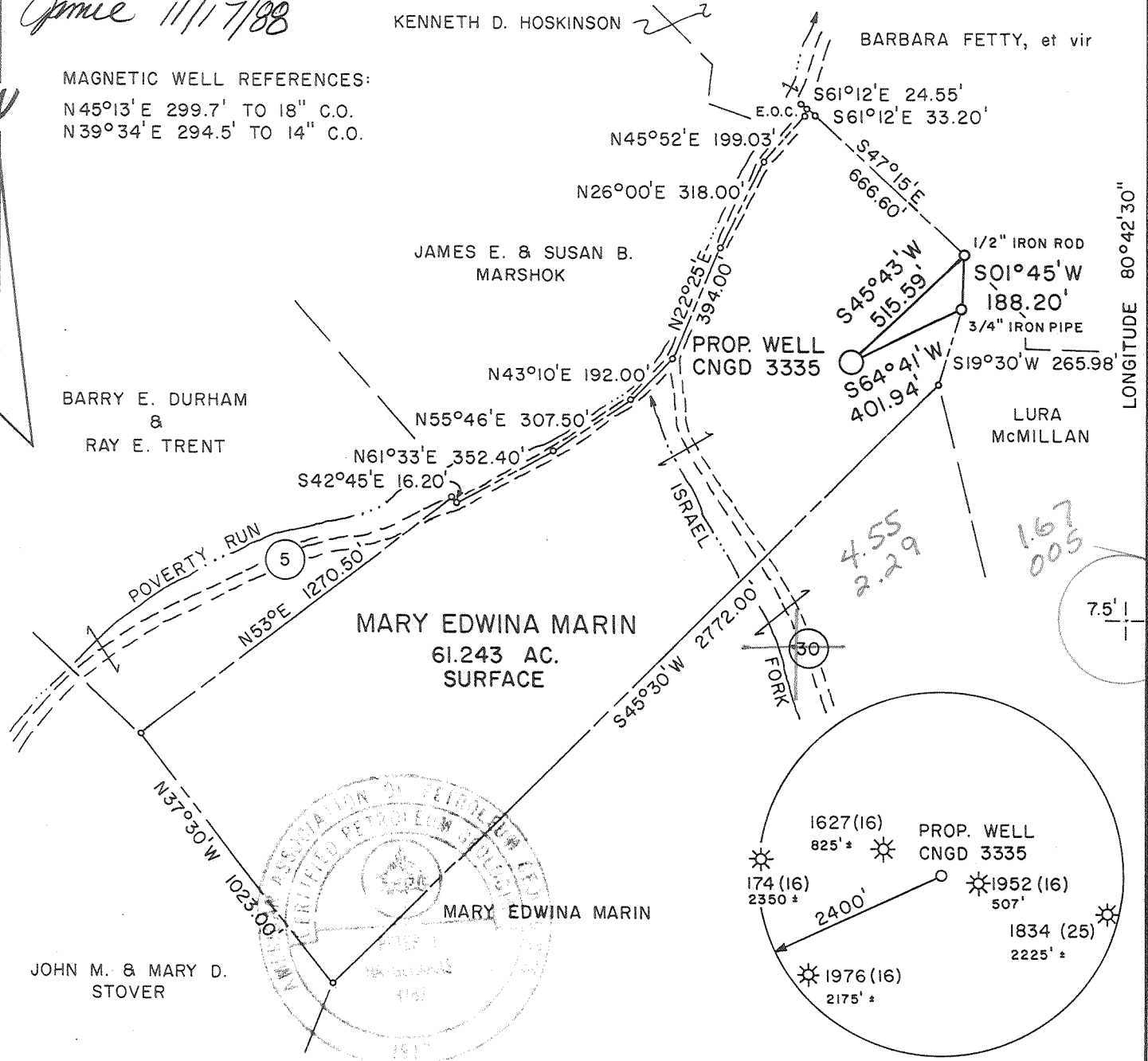
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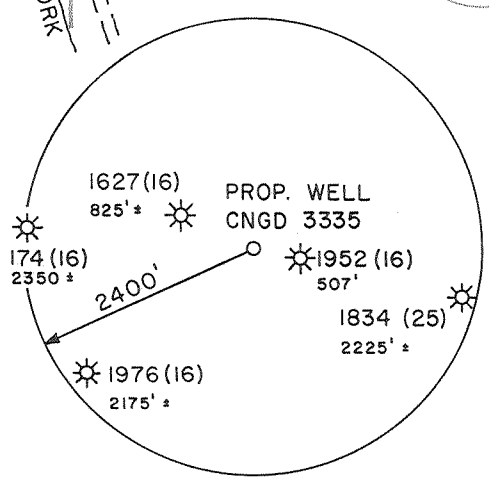
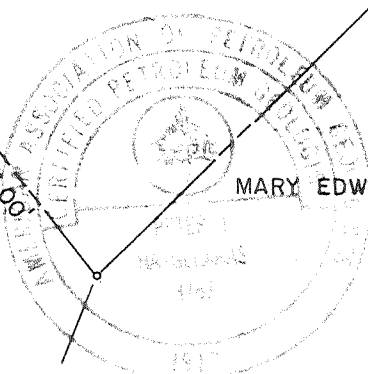
LATITUDE 39°22'30"

MAGNETIC WELL REFERENCES:
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N39°34'E 294.5' TO 14" C.O.



LONGITUDE 80°42'30"

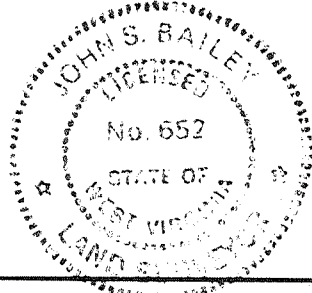
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(SIGNED) *John S. Bailey*
 R.P.E. _____ L.L.S. 652



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE OCTOBER 7, 1988
 OPERATOR'S WELL NO. CNGD 3335
 API WELL NO. 47 - 017 - 3680
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 IF "GAS", PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1037.50' WATERSHED ISRAEL FORK OF POVERTY RUN OF FLINT RUN
 DISTRICT GRANT 3 COUNTY DODDRIDGE
 QUADRANGLE SMITHBURG, WV 7.5' 611 022 NEAREST TOWN FLINT
 SURFACE OWNER MARY EDWINA MARIN ACREAGE 61.24
 OIL & GAS ROYALTY OWNER S.B. McMILLAN LEASE ACREAGE 415
 LEASE NO. TC-41967

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
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 WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT RODNEY J. BIGGS
 ADDRESS ONE PARK RIDGE CENTER ADDRESS CROSSWIND CORPORATE PARK
P.O. BOX 15746 ROUTE 2 BOX 698
PITTSBURGH, PA 15244 BRIDGEPORT, WV 26330

FORM IV - 6

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
WELL WORK PERMIT APPLICATION

- 1) Well Operator: CNG DEVELOPMENT COMPANY 10110, 3, 610
- 2) Operator's Well Number: CNGD 3335 3) Elevation: 1037.5
- 4) Well type: (a) Oil / or Gas X /
 (b) If Gas: Production X / Underground Storage /
 Deep / Shallow X /
- 5) Proposed Target Formation(s): Alexander
- 6) Proposed Total Depth: 5440 feet
- 7) Approximate fresh water strata depths: 760 400', 497', 950', 296'
- 8) Approximate salt water depths: 1265
- 9) Approximate coal seam depths: 609 519' - 525', 496' - 499'
- 10) Does land contain coal seams tributary to active mine? Yes / No X /
- 11) Proposed Well Work: Drill new well
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor						
Fresh Water	11-3/4	H-40	42	200	200	Sand in
Coal						To surface
Intermediate	8-5/8	X-42	23	1475	1475	38CSR18-11.2.2 & 38CSR18-11.3
Production	4-1/2	J-55	10.5	5445	5445	200-400 sks 38CSR18-11.1
Tubing	1-1/2	CN-55	2.75	5345	5345	
Liners						

PACKERS : Kind _____
 Sizes _____
 Depths set _____

RECEIVED
 NOV 08 1988

For Division of Oil and Gas Use Only DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

Fee(s) paid: 175 Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond 50 Blanket Agent
 (Type)

021452
 37

RECEIVED
NOV 08 1988

Page 1 of
Form WW2-A
(09/87)
File Copy

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

1) Date: October 31, 1988
2) Operator's well number
CNGD 3335
3) API Well No: 47 - 017 - 3680
State - County - Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

<p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>Mary Edwina Marin</u> Address <u>412 Flanders Street</u> <u>Southington, CT 06489</u></p> <p>(b) Name _____ Address _____</p> <p>(c) Name _____ Address _____</p> <p>6) Inspector <u>Mike Underwood</u> Address <u>Route 2, Box 135</u> <u>Salem, WV 26426</u> Telephone (304)- <u>782-1043</u></p>	<p>5) (a) Coal Operator: Name _____ Address _____</p> <p>(b) Coal Owner(s) with Declaration Name <u>Same as surface owner</u> Address _____</p> <p>Name <u>Union National Bank, Trustee</u> Address for <u>C. Burke Morris</u> <u>Main Street, Clarksburg, WV 26301</u></p> <p>(c) Coal Lessee with Declaration Name _____ Address _____</p>
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TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR

X Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:

_____ Personal Service (Affidavit attached)

X Certified Mail (Postmarked postal receipt attached)

_____ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

NOTARIAL SEAL
SHARON L. BROWN, NOTARY PUBLIC
FINDLAY TOWNSHIP, ALLEGHENY COUNTY
MY COMMISSION EXPIRES JUNE 18, 1990
Member, Pennsylvania Association of Notaries

Well Operator CNG Development Company
By: [Signature]
Its: Supervisor, Purchasing/Production Services
Address One Park Ridge Center, P.O. Box 15746
Pittsburgh, PA 15244
Telephone (412) 787-4117

Subscribed and sworn before me this 31st day of October, 1988

[Signature] Notary Public
My commission expires June 18, 1990