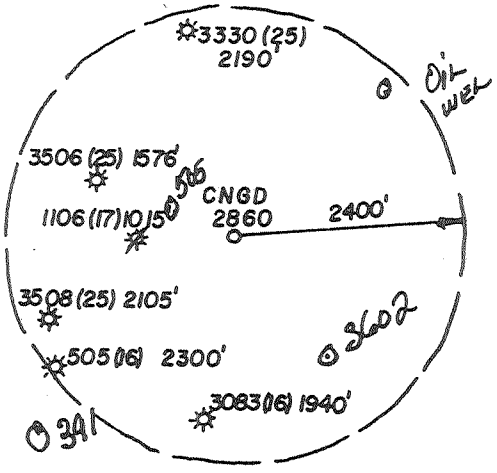
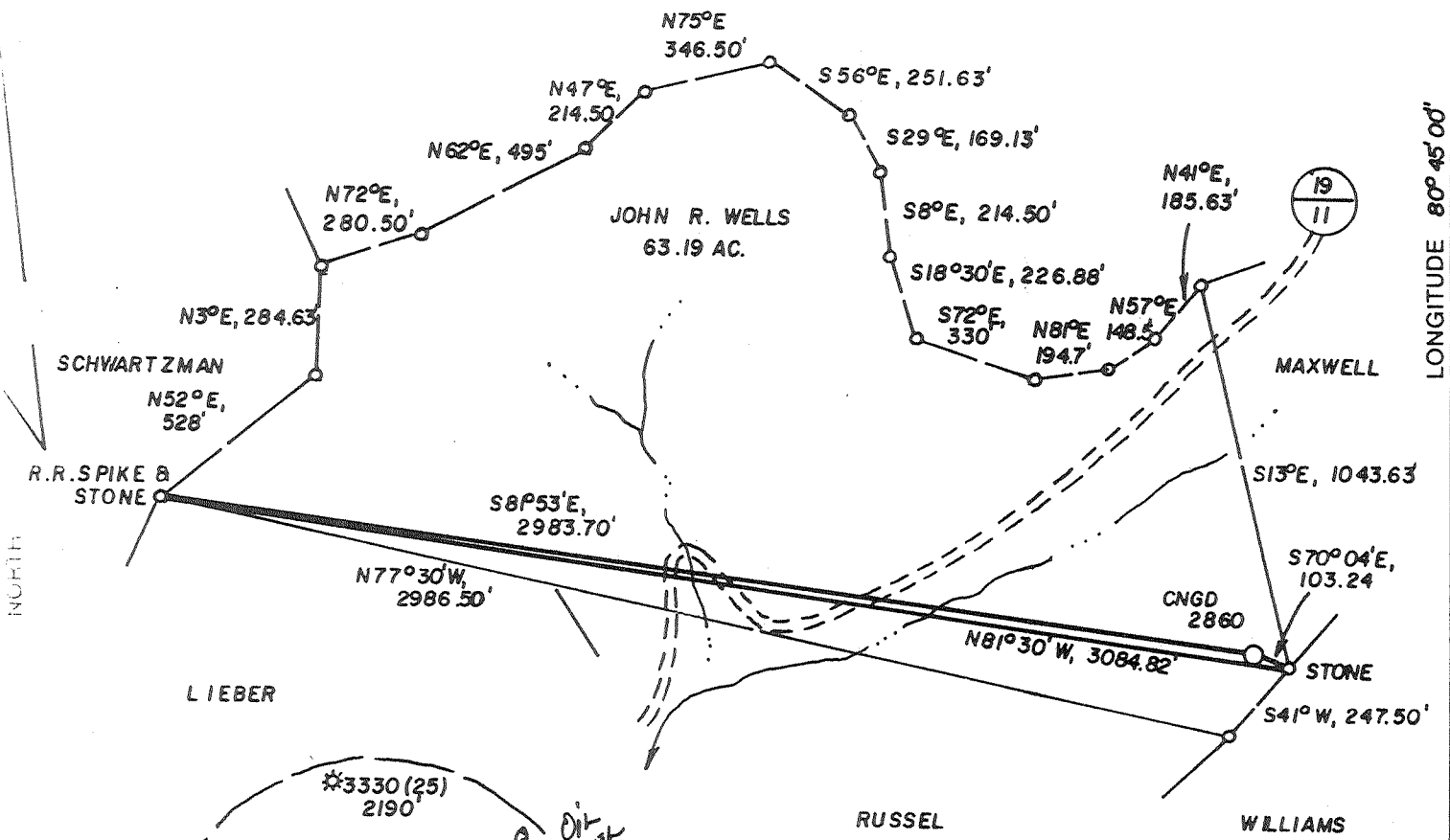


Genie 12/14/89

LATITUDE 39° 10' 00"

7.5

SCHWARTZMAN



WELL REFERENCES:

S16°45'W, 120' TO 10" WHITE OAK
N87°E, 138' TO 8" HICKORY

LAND SURVEYING SERVICES
21 CEDAR LANE
BRIDGEPORT, WV 26330
PHONE ' 304- 842-2018

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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION PLUGGED WELL 1106
1015' WEST OF LOC. AT ELEV. 1044'

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) _____
 R.P.E. _____ L.L.S. NO. 674
STEPHEN D. LOSH



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE JULY 4, 19 89
 OPERATOR'S WELL NO. CNGD 2860
 API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1305' WATER SHED MIDDLE FORK
 DISTRICT COVE COUNTY DODDRIDGE
 QUADRANGLE OXFORD 7.5'
 SURFACE OWNER JOHN R. WELLS ACREAGE 63.19
 OIL & GAS ROYALTY OWNER APPALACHIAN ROYALTIES, INC. LEASE ACREAGE 63.19
 LEASE NO. DV 17

47 - 017 - 3781
 STATE COUNTY PERMIT

Cancelled

PROPOSED WORK: DRILL X 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 5605'
 WELL OPERATOR CNG DEVELOPMENT CO. DESIGNATED AGENT RODNEY J. BIGGS
 ADDRESS ONE PARK RIDGE CENTER ADDRESS RT. 2, BOX 698
PITTSBURGH, PA 15244 BRIDGEPORT, WV 26330

LONGITUDE 80° 45' 00"

COUNTY NAME

PERMIT

Jan 12/14/89

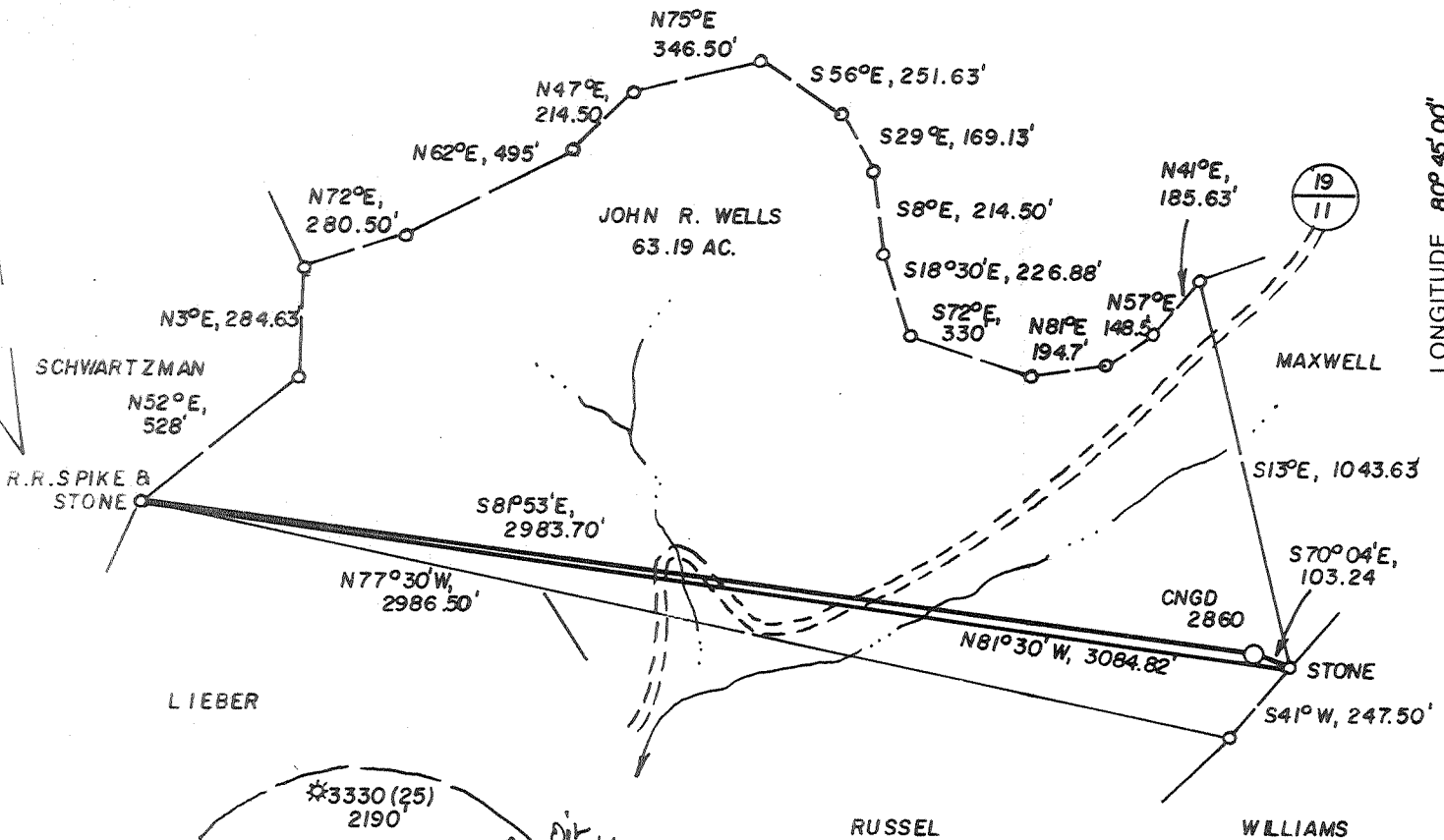
4490'

LATITUDE 39° 10' 00"

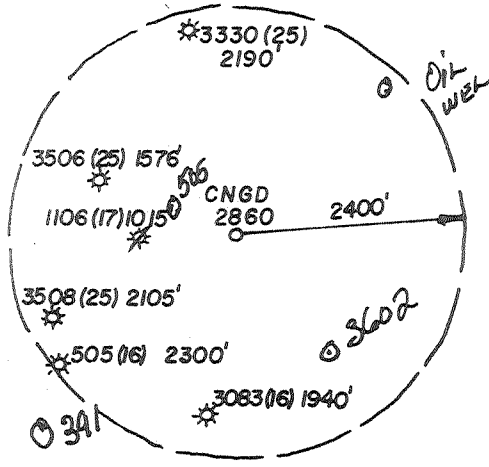


0.12
0.84

SCHWARTZMAN



LONGITUDE 80° 45' 00"



WELL REFERENCES:

S16°45'W, 120' TO 10" WHITE OAK
N87°E, 138' TO 8" HICKORY

LAND SURVEYING SERVICES
21 CEDAR LANE
BRIDGEPORT, WV 26330
PHONE 304-842-2018

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

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1 IN 200
PROVEN SOURCE OF ELEVATION PLUGGED WELL 1106
1015' WEST OF LOC. AT ELEV. 1044'

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) _____
R.P.E. _____ L.L.S. NO. 674
STEPHEN D. LOSH



PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE JULY 4, 19 89
OPERATOR'S WELL NO. CNGD 2860
API WELL NO. 47-017-3781
STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 1305' WATER SHED MIDDLE FORK
DISTRICT COVE 2 COUNTY DODDRIDGE
QUADRANGLE OXFORD 7.5'
SURFACE OWNER JOHN R. WELLS ACREAGE 63.19
OIL & GAS ROYALTY OWNER APPALACHIAN ROYALTIES, INC. LEASE ACREAGE 63.19
LEASE NO. DV 17

PROPOSED WORK: DRILL X 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 5605'
WELL OPERATOR CNG DEVELOPMENT CO. DESIGNATED AGENT RODNEY J. BIGGS
ADDRESS ONE PARK RIDGE CENTER ADDRESS RT. 2, BOX 693
PITTSBURGH, PA 15244 0142 BRIDGEPORT, WV 26330

COUNTY NAME PERMIT

JAN 16 1990

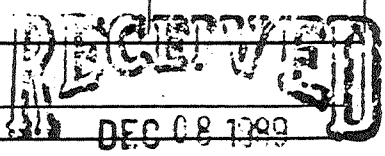
STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
WELL WORK PERMIT APPLICATION

- 1) Well Operator: CNG DEVELOPMENT COMPANY *10110 (2) 525*
- 2) Operator's Well Number: CNGD 2860 3) Elevation: 1305
- 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: 5605 feet
- 7) Approximate fresh water strata depths: 485.535, 228', 443'
- 8) Approximate salt water depths: -
- 9) Approximate coal seam depths: 1135 1448'-1503' 548'-600'
- 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	40	40	To surface
Coal						To surface
Intermediate	8 5/8	X-42	23	1700	1700	38CSR1811.2.2 & 38CSR1811.3
Production	4 1/2	J-55	10.5	5605	5605	200-400 sks 38CSR18-11.1
Tubing	1 1/2	CN-55	2.75			
Liners						

PACKERS : Kind
 Sizes
 Depths set



For Division of Oil and Gas Use Only DEPARTMENT OF ENERGY

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

1989

RECEIVED
DEC 08 1989

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

1) Date: September 13, 1989
2) Operator's well number
CNGD 2860
3) API Well No: 47 - 017 - 3781
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:
(a) Name John R. & Ruth J. Wells
Address 3714 Patuxent River Road
Davidsonville, MD 21035
(b) Name Mary L. Holland etal
Address 308 Church St.
West Union, WV 26456
(c) Name Edwin Wheeler
Address c/o Lucille W. Stewart
816 D St., Lawton, OK 76301
6) Inspector Mike Underwood
Address Route 2, Box 135
Salem, WV 26426
Telephone (304)- 782-1043

5) (a) ~~Coal Owner(s)~~ ^{Surface Owner(s) cont.}
Name Gerty Williams
Address c/o Betty W. Simpson
716 Ector St., Denton, TX 76201
(b) Coal Owner(s) with Declaration
Name Layne Estelle Binnion
Address c/o Mary C. Morrison, Guardian
126 Shell Rd., De Bary, FL 32713
Name _____
Address _____
(c) Coal Lessee with Declaration
Name _____
Address _____

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.

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 7 day of June, 1989

Barbara Z. Randall

My commission expires 4-5-93

Notary Public

