

870 7/3/87

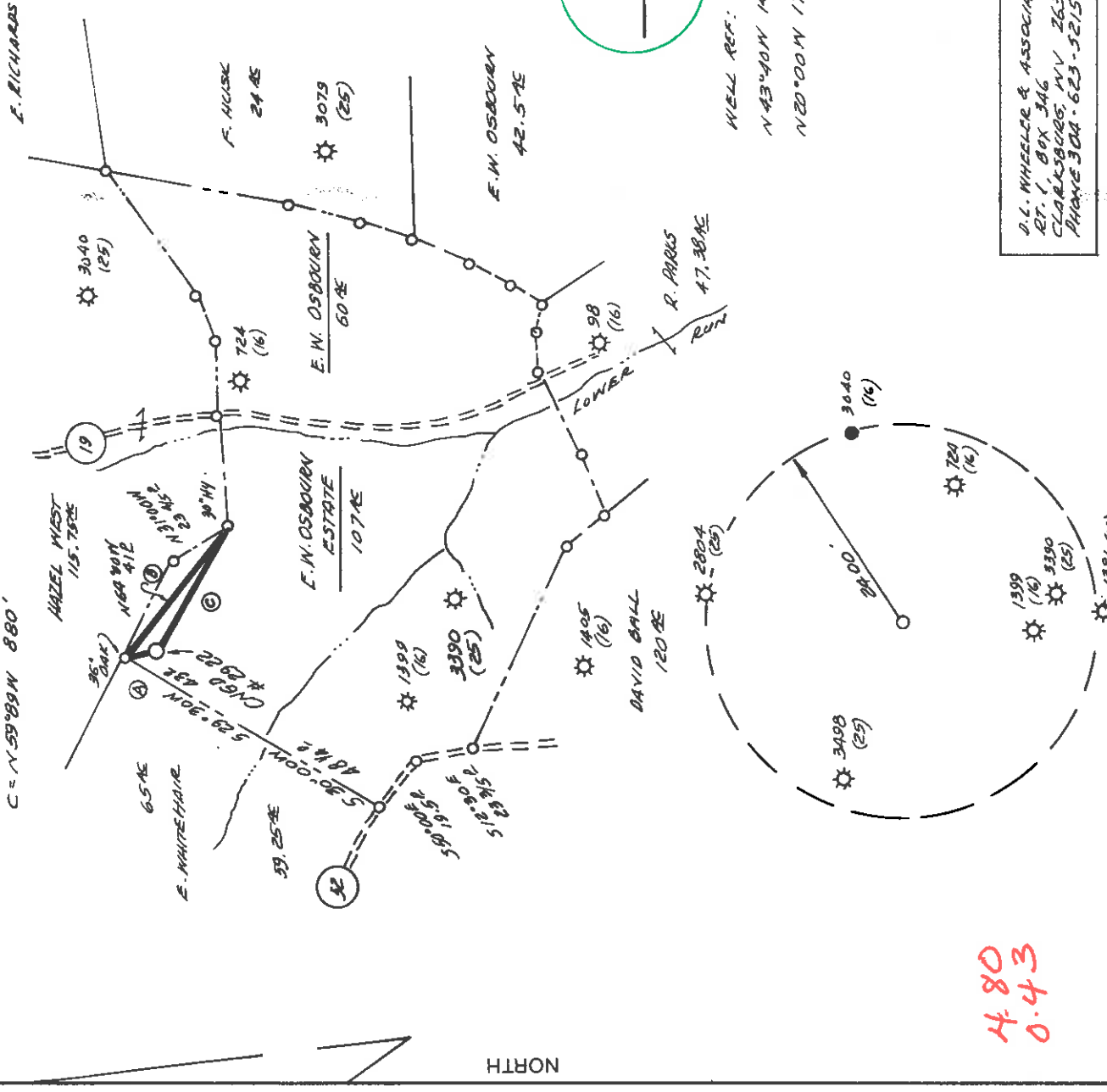
LATITUDE 39°12'30"

2250

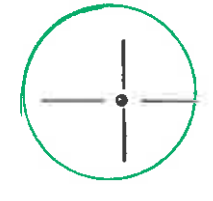
LONGITUDE 80°50'00"

5147 (25)

A = 516.362 188'
B = 3.52200 E 10.34'
C = N 59°09'N 880'



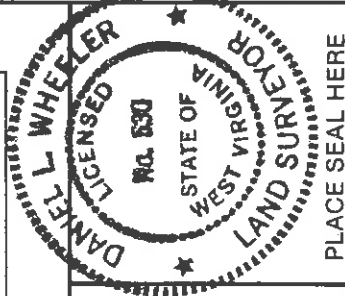
0.43
0.10



WELL REF:
N 43°40'W 142' 12" BEACH
N 20°00'W 177' 14" MAPLE

4.80
0.43

D.L. WHEELER & ASSOCIATES, INC.
RT. 1, BOX 346
CLARKSBURG, WV 26301
PHONE 304-623-5215



PLACE SEAL HERE

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

FILE NO. _____
DRAWING NO. 1" = 1000'
SCALE _____
MINIMUM DEGREE OF _____
ACCURACY 1 in 200
PROVEN SOURCE OF _____
ELEVATION WELL # 3390
ELEV. 955'

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) Daniel L. Wheeler
R.P.E. Daniel L. Wheeler
L.L.S. 530

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE JUNE 8, 1987
OPERATOR'S WELL NO. CNGD # 2922
API WELL NO. _____

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

LOCATION: ELEVATION 1085' WATER SHED LOWER RUN
DISTRICT SOUTHWEST 7 COUNTY DOODGE
QUADRANGLE OXFORD 7.5' 526 0582 ACREAGE 107
SURFACE OWNER J.M. OSBURN ESTATE LEASE NO. DV-12820
OIL & GAS ROYALTY OWNER E.M. OSBURN LEASE ACREAGE 180

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 5310'
WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT GARY A. NICHOLS
ADDRESS ONE PARK RIDGE CENTER ADDRESS ROUTE 2, BOX 698
PITTSBURGH, PA. 15214 148 BRIDGEPORT, NY 20330

SEP 20 1989

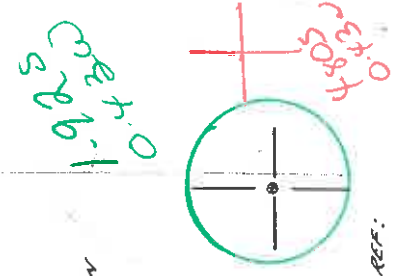
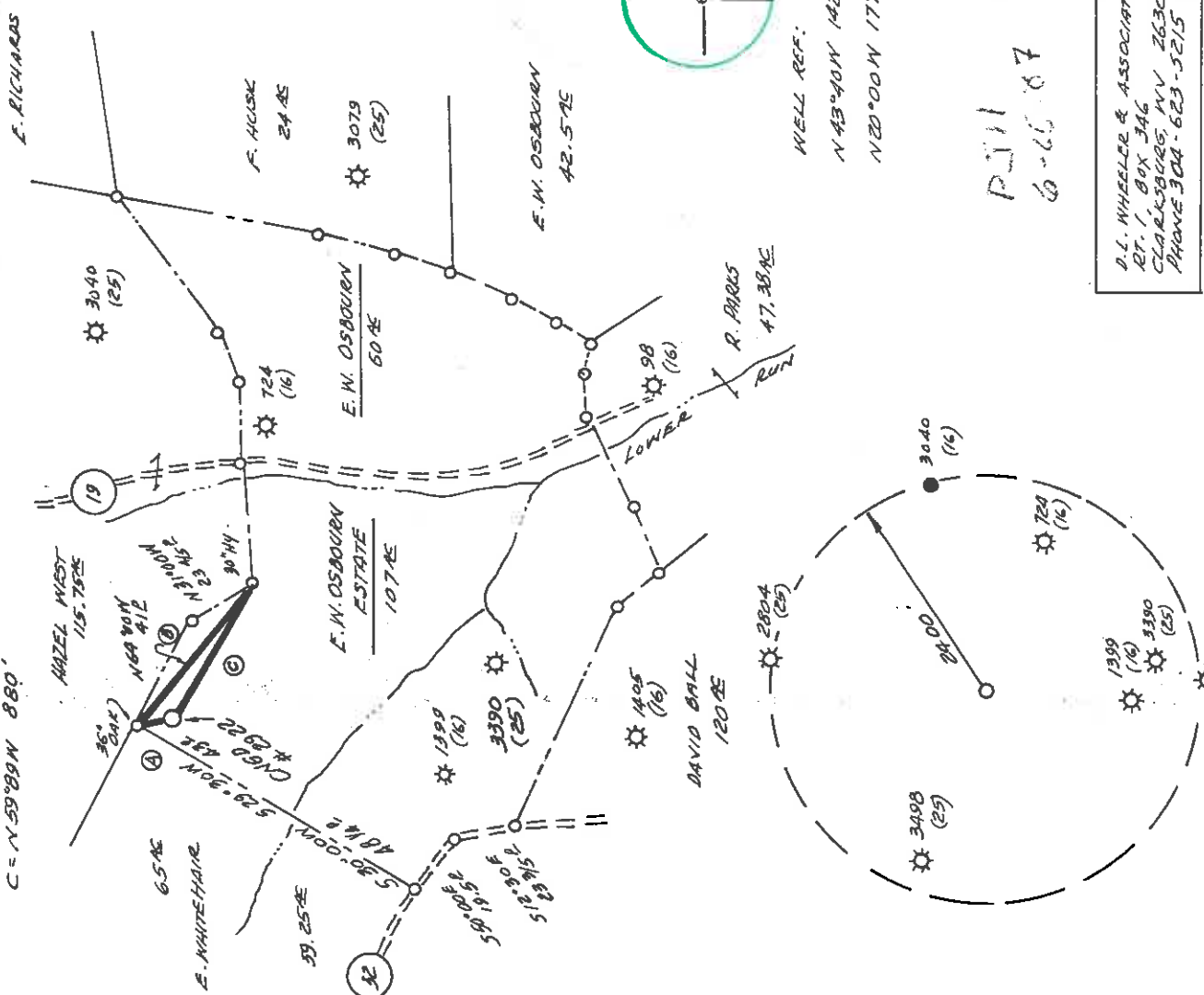
XZU 7/3/87

LATITUDE 39° 12' 30"

LONGITUDE 80° 30' 00"

5147 (25)

A = 516.362 188'
B = 552.000 E 1034'
C = N 59° 09' N 880'



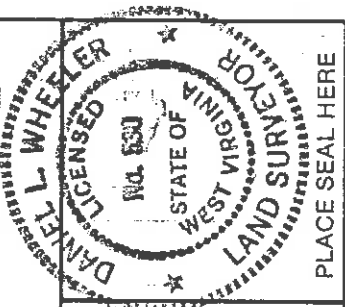
D.L. WHEELER & ASSOCIATES, INC.
 RT. 1, BOX 346
 CLARKSBURG, WV 26301
 PHONE 304-623-5215

PJH
 6-26-87

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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF _____
 ACCURACY 1 IN 200
 PROVEN SOURCE OF _____
 ELEVATION WELL #3390
 ELEV. 965'

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) Daniel L. Wheeler
 R.P.E. _____ L.L.S. 530
 DANIEL L. WHEELER



PLACE SEAL HERE



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION

DATE JUNE 8, 1987
 OPERATOR'S WELL NO. CAGD # 2922
 API WELL NO. _____

STATE 47 COUNTY 017 PERMIT 3580

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

LOCATION: ELEVATION 1085' WATER SHED LOWER RUN

DISTRICT SOUTHWEST COUNTY DOODLEIDGE

QUADRANGLE OXFORD T. 5 ACREAGE 107

OIL & GAS ROYALTY OWNER E. N. OSBOURN LEASE ACREAGE 180

LEASE NO. DV-12820

PROPOSED WORK: DRILL CONVERT 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 5310'

WELL OPERATOR CAG DEVELOPMENT COMPANY DESIGNATED AGENT GARY A. NICHOLAS

ADDRESS ONE PARK RIDGE CENTER 147 ADDRESS ROUTE 2, BOX 698

PITTSBURGH, PA. 15244 BRIDGEPORT, NY 20330

COUNTY NAME

PERMIT

FORM W-2-CB
(Obv)
7/85

JUL 23 1987



1) Date: June 30, 1987
2) Operator's CNGD 2922
3) API Well No. 47 017 3580
State County Permit

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

4) WELL TYPE: A Oil / Gas / B (If "Gas", Production / Undergrnd storage Deep / Shallow /
5) LOCATION: Elevation: 1085 Watershed: Lower Run
District: Southwest County: Doddridge 017 Quadrangle: Oxford 5A5
6) WELL OPERATOR: Development Co. CODE: 1010 7) DESIGNATED AGENT: Gary Nicholas
Address c/o Cheryl S. Hartle P.O. Box 15746
Pittsburgh, PA 15244
8) OIL & GAS INSPECTOR TO BE NOTIFIED
Name: Mike Underwood
Address: Route 2, Box 114
Salem, WV 26426

10) PROPOSED WELL WORK: Drill / deeper / Drill deeper / Redrill / Stimulate /
Plug off old formation / Perforate new formation /
Other physical change in well (specify) _____

11) GEOLOGICAL TARGET FORMATION, Alexander
12) Estimated depth of completed well, 5310 feet
13) Approximate trata depths: Fresh, 85, 280 feet; salt, _____ feet.
14) Approximate coal seam depths: 1305, 1385 & 1435 Is coal being mined in the area? Yes No

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	For drilling	Left in well		
Conductor							
Fresh water	11-3/4	H-40	42	X	320	To surface	By rule 15.05
Coal							
Intermediate	8-5/8	X-42	23	X	1525	To surface	By rule 15.05
Production	4-1/2	J-55	10.5	X	5310	200 - 400	Depths set
Tubing	1-1/2	CN-55	2.75	X			By rule 15.01
Liners							Perforations:
							Top
							Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-017-3580 Date August 10 19 87

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.
Permit expires August 10, 1989 unless well work is commenced prior to that date and prosecuted with due diligence.

56701

Bond: <input checked="" type="checkbox"/>	Agent: <input checked="" type="checkbox"/>	Blair: <input checked="" type="checkbox"/>	Fee: <input checked="" type="checkbox"/>	Other: <input checked="" type="checkbox"/>
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NOTE: Keep one copy of this permit posted at the drilling location.

Director, Division of Oil and Gas

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

File