

CODE 274 12/16/24

1050

PLOT

LATITUDE 39° 52' 30"

LONGITUDE 80° 37' 30"

JACK D. LUCEY
2ND. PARCEL
466-297

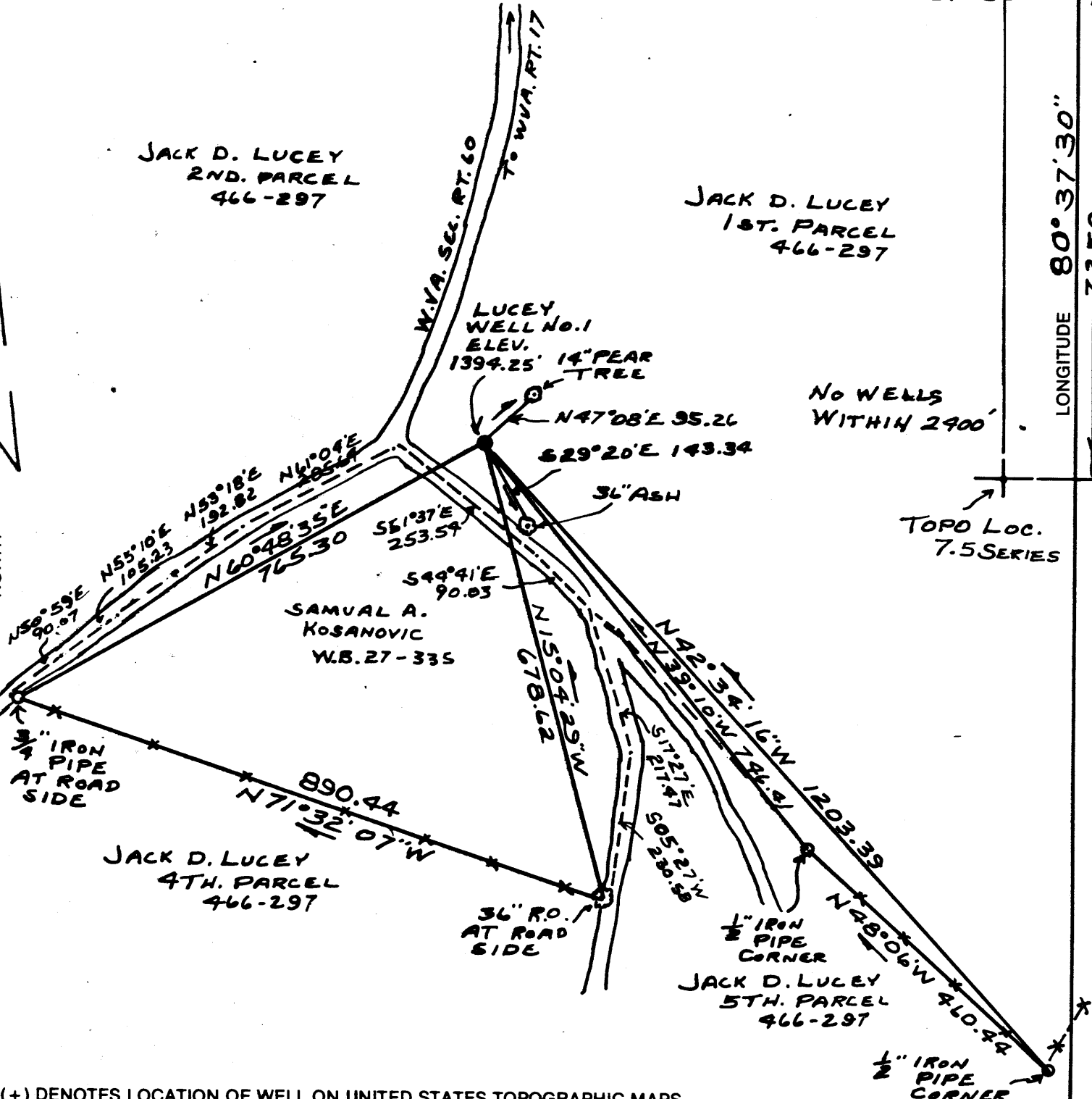
JACK D. LUCEY
1ST. PARCEL
466-297

LUCEY
WELL No. 1
ELEV. 1394.25' 14" PEAR
TREE

No WELLS
WITHIN 2900'

TOPO Loc.
7.5 SERIES

NORTH



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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 200'
 MINIMUM DEGREE OF
 ACCURACY 1 IN 2500
 PROVEN SOURCE OF
 ELEVATION B.M. N-125
ELEV. 996.67

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 REGU-
 LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
 MENT OF MINES.
 (SIGNED) Charles V. Eller
 R.P.E. _____ I.L.S. No. 39



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE 11-6, 1984
 OPERATOR'S WELL NO. Lucey #1
 API WELL NO. _____

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

LOCATION: ELEVATION 1394.25' WATERSHED GRAVE CREEK
 DISTRICT CAMERON COUNTY MARSHALL
 QUADRANGLE GLEN EASTON W.V.A.

SURFACE OWNER JACK D. LUCEY ACREAGE 209.172
 OIL & GAS ROYALTY OWNER Ca D'ORA INC. LEASE ACREAGE 209.172
 LEASE NO. L-1

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR
 STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW
 FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION BERCA ESTIMATED DEPTH 2940

WELL OPERATOR CA D'ORA INC DESIGNATED AGENT ROBERT ELLIS
 ADDRESS RT # 2 BOX 44 ADDRESS 407 W 4TH ST
WATERFORD OHIO WILLIAMSTOWN WEST VIRGINIA

MARSH COUNTY NAME PERMIT 0707

MN 12/26/84

CODE _____ CARD _____ PLOT _____

LATITUDE 39° 52' 30"

1050

LONGITUDE 80° 37' 30"

7250

JACK D. LUCEY
2ND. PARCEL
466-297

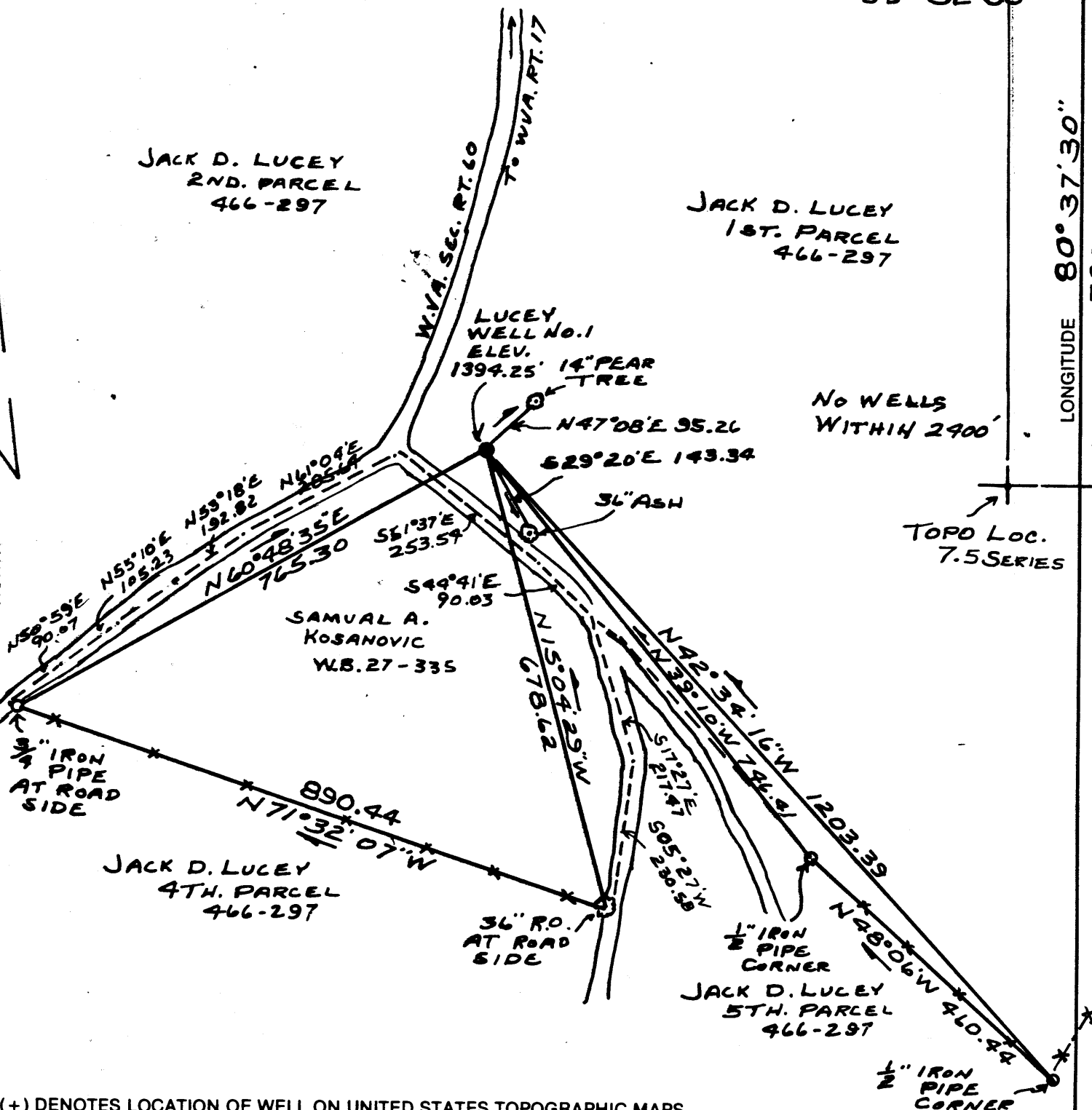
JACK D. LUCEY
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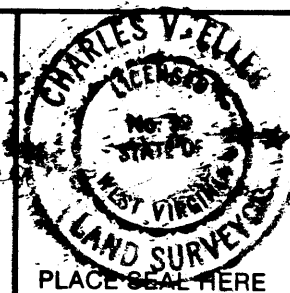
NORTH



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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 200'
 MINIMUM DEGREE OF
 ACCURACY 1 IN 2500
 PROVEN SOURCE OF
 ELEVATION B.M. N-125
ELEV. 996.67

I THE UNDERSIGNED, HEREBY CERTIFY THAT
 THIS PLAT IS CORRECT TO THE BEST OF MY
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 LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
 MENT OF MINES.
 (SIGNED) Charles V. Eller
 R.P.E. _____ L.L.S. No. 39



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE 11-6, 1984
 OPERATOR'S WELL NO. Lucey #1
 API WELL NO.

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

LOCATION: ELEVATION 1394.25' WATERSHED GRAVE CREEK
 DISTRICT CAMERON COUNTY MARSHALL
 QUADRANGLE GLEN EASTON W.V.A.

SURFACE OWNER JACK D. LUCEY ACREAGE 209.172
 OIL & GAS ROYALTY OWNER Ca D'ORA INC. LEASE ACREAGE 209.172
 LEASE NO. L-1

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR
 STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW
 FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___

TARGET FORMATION Berca ESTIMATED DEPTH 2940

WELL OPERATOR CA D'ORA INC DESIGNATED AGENT ROBERT ELLIS

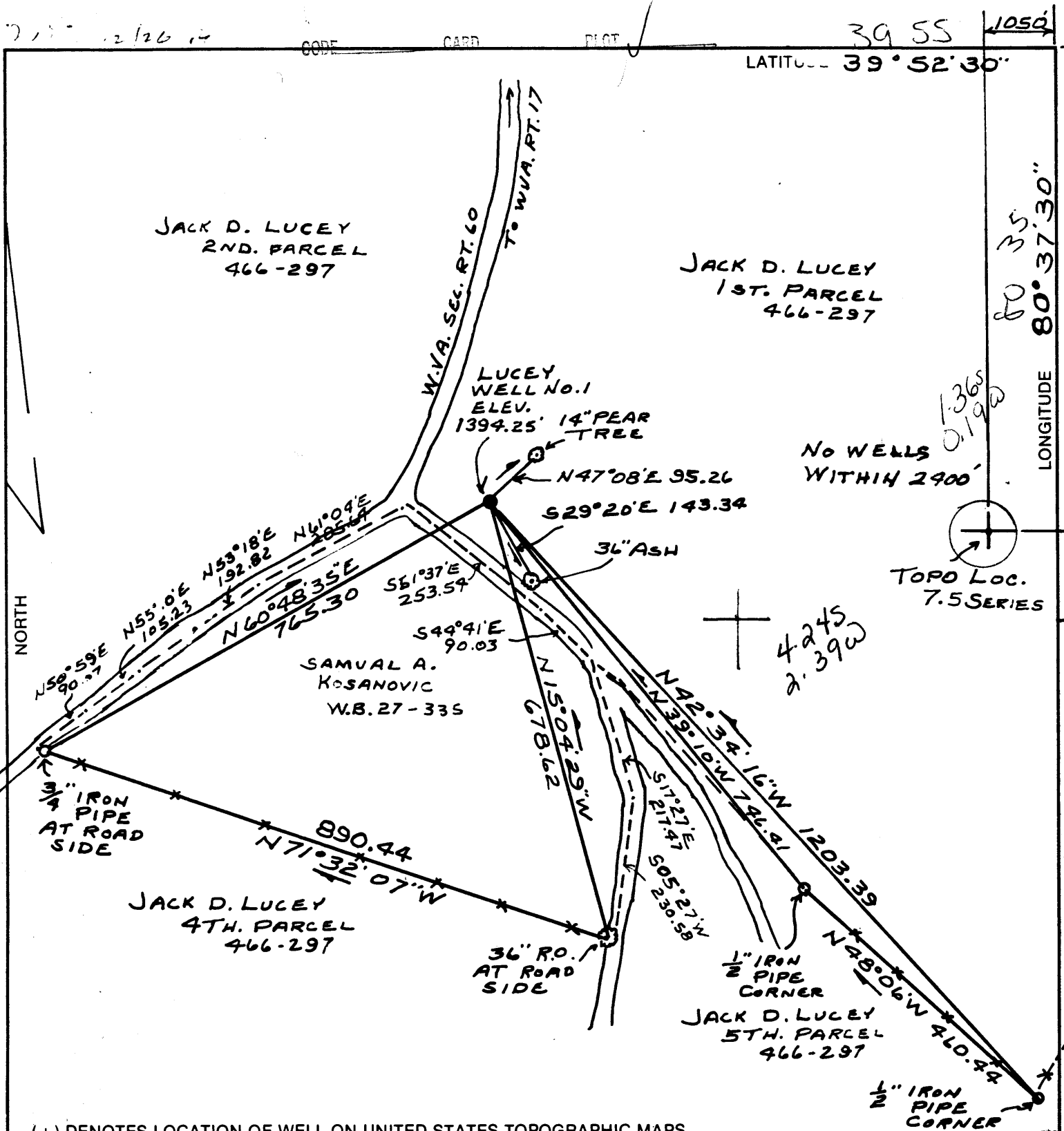
ADDRESS RT # 2 BOX 44 ADDRESS 407 W 4TH ST

WATERFORD OHIO

WILLIAMSTOWN WEST VIRGINIA

OCT 28 1985

MARSH
COUNTY NAME
0707
PERMIT



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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 200'
 MINIMUM DEGREE OF ACCURACY 1 IN 2500
 PROVEN SOURCE OF ELEVATION B.M. N-125
ELEV. 946.67

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) Charles V. Eller
 R.P.E. _____ L.L.S. No. 39



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
OIL AND GAS DIVISION

DATE 11-6, 1984
 OPERATOR'S WELL NO. Lucey #1
 API WELL NO. 47-051-0707
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1394.25' WATERSHED GRAVE CREEK
 DISTRICT CAMERON COUNTY MARSHALL
 QUADRANGLE 370 GLEN EASTON W.V.A. 019 Cameron 15 C5

SURFACE OWNER JACK D. LUCEY ACREAGE 209.172
 OIL & GAS ROYALTY OWNER Ca D' Ora Inc. LEASE ACREAGE 209.172
 LEASE NO. L-1

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Berea ESTIMATED DEPTH 2940
 WELL OPERATOR CA D' ORA INC 312 DESIGNATED AGENT ROBERT ELLIS
 ADDRESS RT # 2 Box 44 ADDRESS 407 W 4TH ST

COUNTY NAME _____
 PERMIT _____

FORM IV-6 (8-78) H.T. HALL

FILE COPY
RECEIVED



1) Date: November 7, 19 84
 2) Operator's Well No. Lucey #1
 3) API Well No. 47 - 051 - 0707
 State County Permit

NOV 27 1984

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

- 4) WELL TYPE: A Oil / Gas X /
 B (If "Gas", Production X / Underground storage / Deep / Shallow X /)
- 5) LOCATION: Elevation: 1394 Watershed: Lick Run
 District: Cameron County: Marshall Quadrangle: Glen Easton
- 6) WELL OPERATOR Ca D' Ora Inc. 7) DESIGNATED AGENT Robert Ellis
 Address Route 2 Box 44 Address 407 W. 4th Street
Waterford, Ohio 45786 Williamstown, WV 26187
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Robert Lowther Name William Putnam
 Address General Delivery Address P.O. Box 647
Middlebourne, WV 26149 Marietta, Ohio 45750
- 10) PROPOSED WELL WORK: Drill X / Drill deeper / Redrill / Stimulate X /
 Plug off old formation / Perforate new formation
 Other physical change in well (specify)
- 11) GEOLOGICAL TARGET FORMATION, Berea
- 12) Estimated depth of completed well, 2840 feet
- 13) Approximate trata depths: Fresh, 100 feet; salt, NR feet.
- 14) Approximate coal seam depths: ~~100~~ 1070' Is coal being mined in the area? Yes / No X /

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.	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water									
Coal	7"	ERW	17	X		1120'	1120'	To Surface	Sizes By Rule 15-05
Intermediate									
Production	4 1/2	ERW	10.5	X		2840	2840	By Rule 15.01	As Required
Tubing									
Liners									Perforations: Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-051-0707 Date December 26, 19 84

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 December 26, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent: <u> </u>	Plat: <u> </u>	Casing <u> </u>	Fee <u> </u>
<u>195</u>	<u>MW</u>	<u>MU</u>	<u>MW</u>	<u>745</u>

Margaret J. Hase
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

File