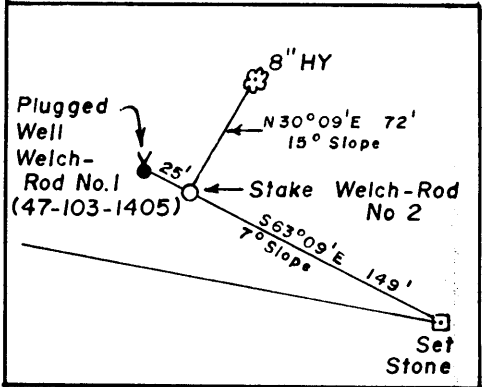
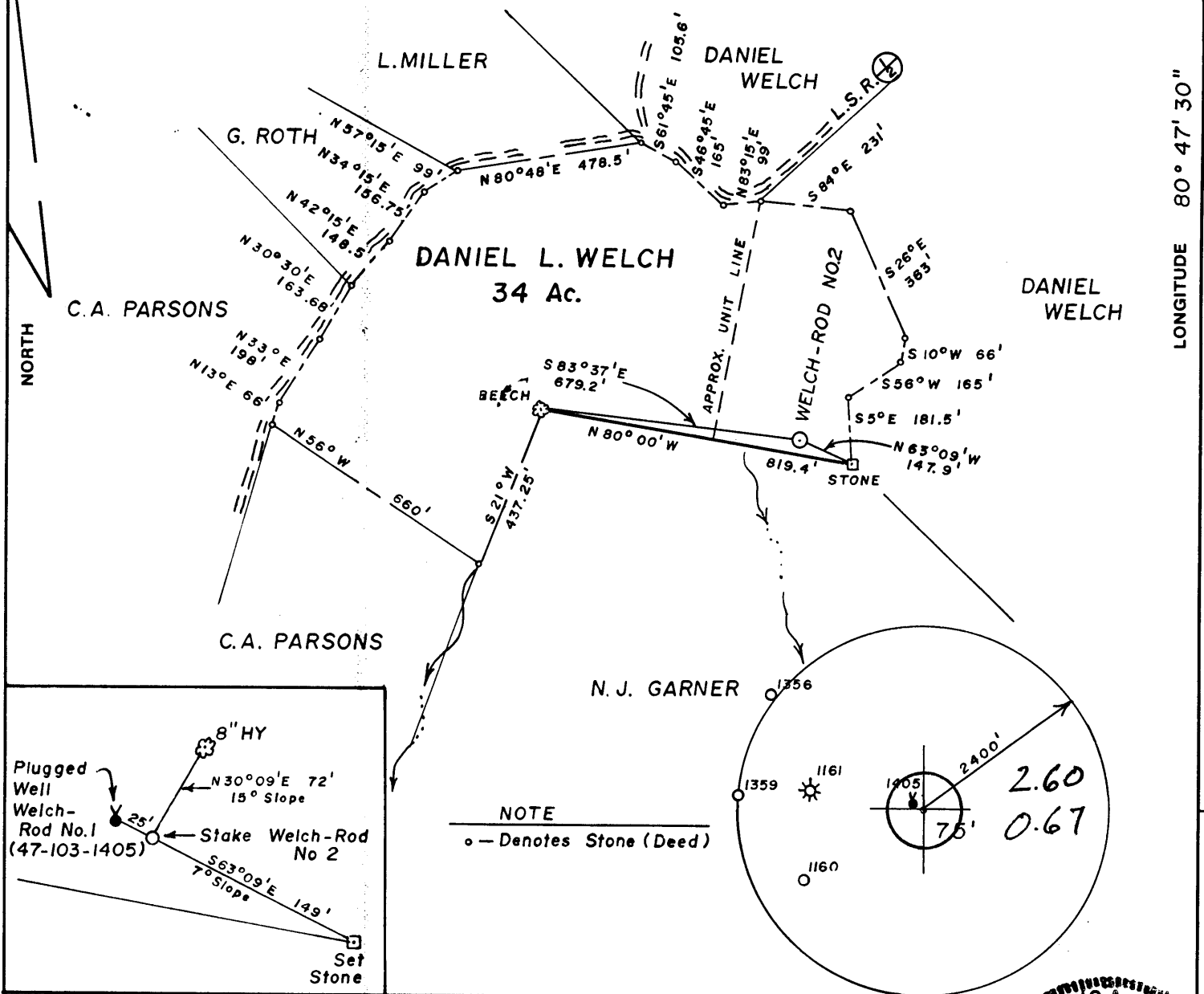


MS 3/19/87

← 3,570' →

LATITUDE 39° 42' 30"

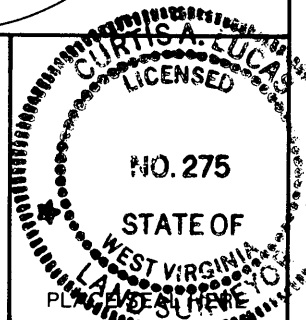
LONGITUDE 80° 47' 30"



NOTE
 ○ - Denotes Stone (Deed)

FILE NO. C.R. 102
 MAP N 76 SQS N16, W10
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Welch-Rod No. 1 (47-103-1405) = 1282'

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) Curtis A. Lucas
 CURTIS A. LUCAS LLS 275



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE MARCH 7, 19 87
 FARM WELCH-ROD NO. 2
 API WELL NO.

47 - 103 - 1419
 STATE COUNTY PERMIT
Cancelled

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 1281' WATER SHED HAYNES RUN
 DISTRICT PROCTOR 7 COUNTY WETZEL
 QUADRANGLE NEW MARTINSVILLE 7.5'

SURFACE OWNER CHARLES HENDERSON ACREAGE 26
 OIL & GAS ROYALTY OWNER DANIEL L. WELCH et al. LEASE ACREAGE 34
 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 3,100'
 WELL OPERATOR CLAY RESOURCES DESIGNATED AGENT ANDY BROWN
 ADDRESS 286 FRONT STREET ADDRESS P.O. BOX 32
MARIETTA, OHIO 45750 172 READER, W.VA. 26167 **JAN 10 1987**

FORM IV-6 (8-78)

H. T. HALL

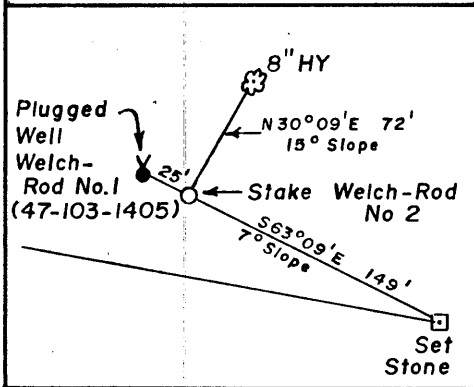
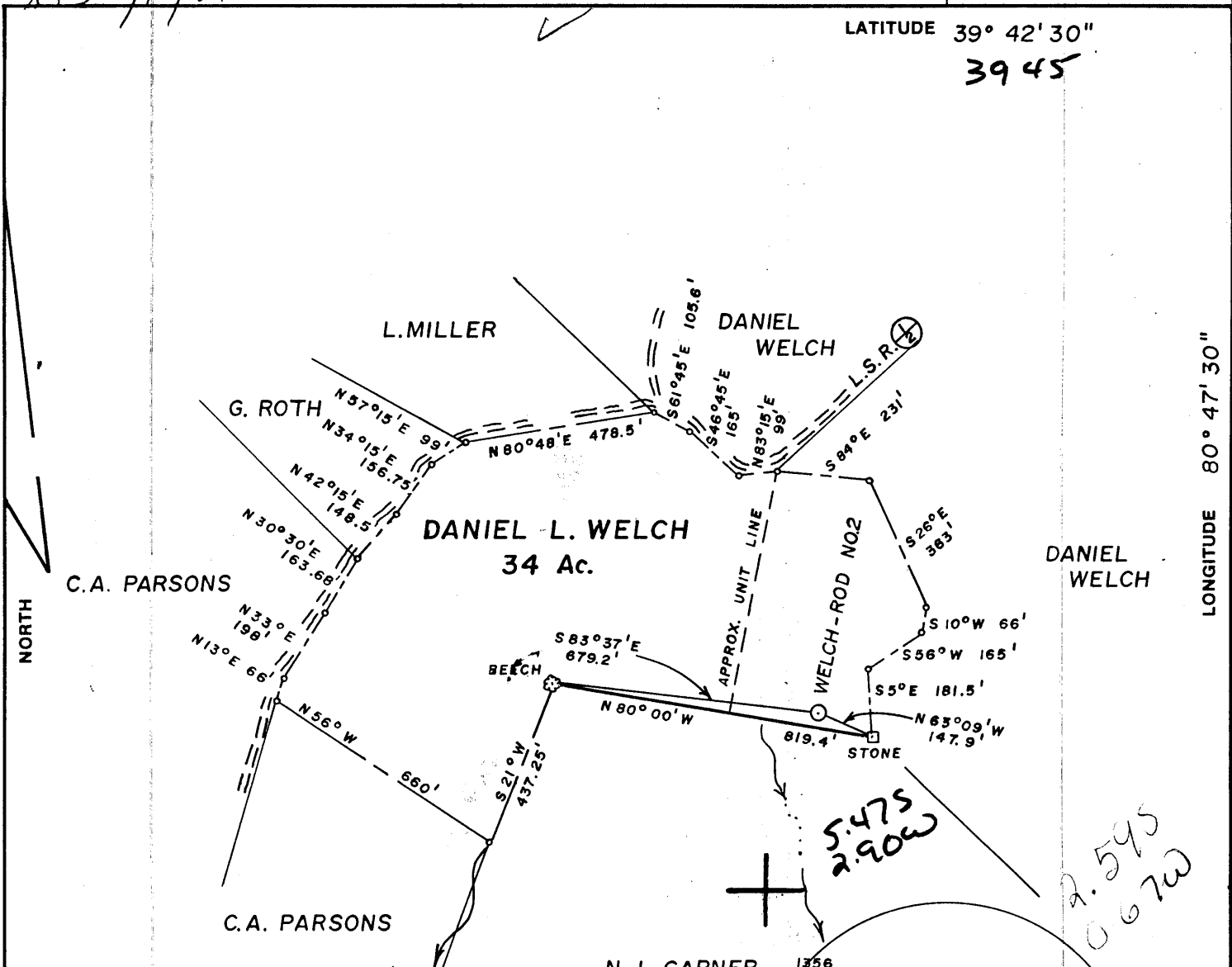
NET. 1419

MS 3/19/87

← 3,570' →

LATITUDE 39° 42' 30"
39 45

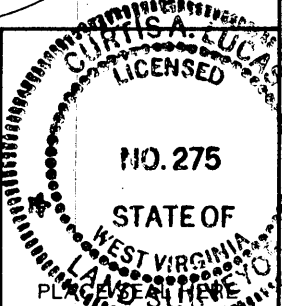
LONGITUDE 80° 47' 30"
13,710'



NOTE
o -- Denotes Stone (Deed)

FILE NO. C.R. 102
 MAP N 76 SQS N16, W10
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Welch-Rod No. 1 (47-103-1405) = 1282'

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) Curtis A. Lucas
 CURTIS A. LUCAS LLS 275



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE MARCH 7, 19 87
 FARM WELCH-ROD NO. 2
 API WELL NO.

47 - 103 - 1419
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 1281' WATER SHED HAYNES RUN
 DISTRICT PROCTOR COUNTY WETZEL
 QUADRANGLE NEW MARTINSVILLE 7.5' 509 091 NE3
 SURFACE OWNER CHARLES HENDERSON ACREAGE 26
 OIL & GAS ROYALTY OWNER DANIEL L. WELCH et al. LEASE ACREAGE 34
 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) _____
 APR 06 1987

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION GORDON ESTIMATED DEPTH 3,100'
 WELL OPERATOR CLAY RESOURCES DESIGNATED AGENT ANDY BROWN
 ADDRESS 286 FRONT STREET ADDRESS P.O. BOX 32
MARIETTA, OHIO 45750 172 READER, W.VA. 26167

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

RECEIVED
MAR 16 1987



1) Date: March 11, 1987, 1987
 2) Operator's Well No. Welch/Rod #2
 3) API Well No. 47 103-1419
 State County Permit

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

APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production / Underground storage / Deep / Shallow)
 5) LOCATION: Elevation: 1282' / Watershed: Haynes Run **508**
 District: Proctor 172 7 / County: Wetzel 103 / Quadrangle: New Martinsville 7.5
 6) WELL OPERATOR Clay Resources, Inc / CODE: 10025 / 7) DESIGNATED AGENT Andy Brown, Jr.
 Address 286 Front Street / Address Box 32
Marietta, Ohio 45750 / Reader, WV 26167
 8) OIL & GAS INSPECTOR TO BE NOTIFIED / 9) DRILLING CONTRACTOR:
 Name Mike Underwood / Name Talkington Brady
 Address Route 2, Box 135 / Address Route 5, Box 398
Salem, WV 26426 / Buckhannon, WV 26201
 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify) _____
 11) GEOLOGICAL TARGET FORMATION, Gordon 419
 12) Estimated depth of completed well, 3100 feet
 13) Approximate strata depths: Fresh, _____ feet; salt, 3082 feet.
 14) Approximate coal seam depths: 700 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.	New	Used	For drilling	Left in well			
Conductor	10 3/4"						1100'	CTS	Kinds	
Fresh water										
Coal									Sizes	
Intermediate	8 5/8"							1532'		
Production	7"	Only if needed						2250'	Depths set	
Production	4 1/2"						3100'	CTS	per rule 15.01	
Lin...									Perforations:	
									Top	Bottom
CASING SUBJECT TO CHANGE BY INSPECTOR										

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-103-1419 Date April 1 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 April 1, 1989 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <input checked="" type="checkbox"/>	Plat: <input checked="" type="checkbox"/>	Casing: <input checked="" type="checkbox"/>	Fee: <u>4667</u>	WCCP: <input checked="" type="checkbox"/>	S&E: <input checked="" type="checkbox"/>	Other: <input type="checkbox"/>
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NOTE: Keep one copy of this permit posted at the drilling location.

[Signature]
 Director, Division of Oil and Gas

File

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

9820