

6500'

LATITUDE 39° 40' 00"

CODE _____ CARD _____ PLOT _____

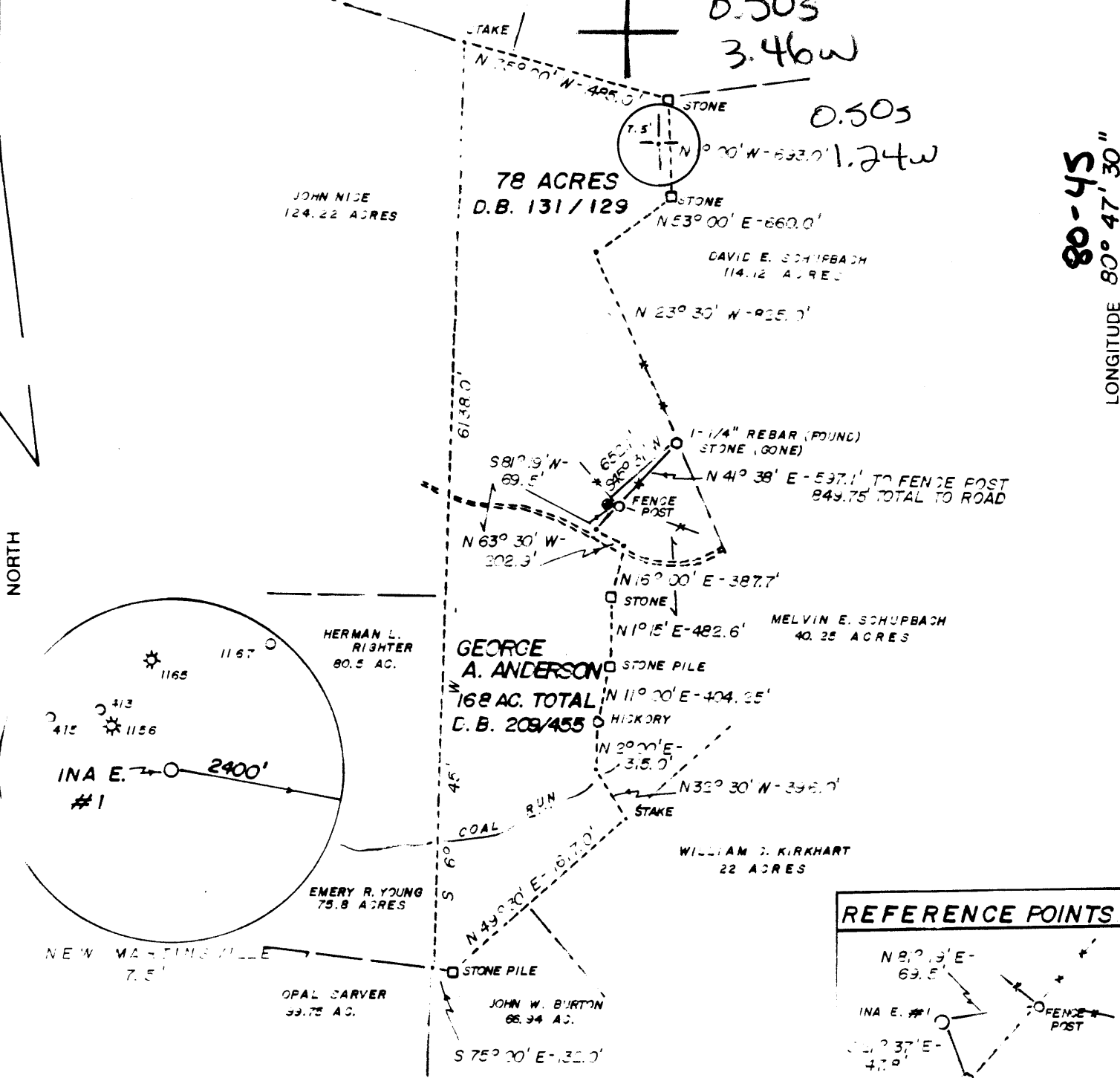
D. A. PARSONS
135 A. RES

0.30s
3.46w

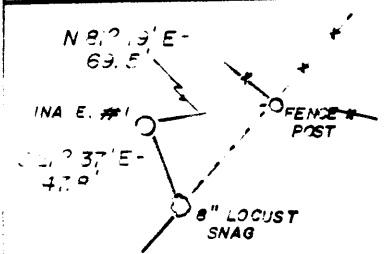
0.50s
1.24w

80-45
LONGITUDE 80° 47' 30"

NORTH



REFERENCE POINTS



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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION TOP OF RIDGE
1411'

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) Paul K. Marshall
 R.P.E. _____ L.L.S. 580

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE MAY 1, 19 85
 OPERATOR'S WELL NO. INA E. #1
 API WELL NO. _____

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

LOCATION: ELEVATION 1387' WATER SHED HAYNES RUN
 DISTRICT MAGNOLIA 6 COUNTY WETZEL

QUADRANGLE NEW MARTINSVILLE 7.5' 509 091 EC 6
 SURFACE OWNER GEORGE A. ANDERSON ACREAGE 168 ACRES
 OIL & GAS ROYALTY OWNER GEORGE A. ANDERSON LEASE ACREAGE 168 ACRES

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 3500'
 WELL OPERATOR CLAY RESOURCES INC. DESIGNATED AGENT ANDY BROWN
 ADDRESS 204 UNION SQUARE ADDRESS P.O. BOX 32
MARIETTA, OHIO 45750 172 READER, WV

COUNTY NAME
PERMIT

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

PERFORATED: 20 Shots from 3072 to 3082

FRAC: 40,000 # 20/40 sand, 300 gal. 15% HCL

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Sand and shale			0	618	
shale & lime			618	1384	
shale, lime, redrock			1384	1464	
shale & lime			1464	2208	
shale			2208	2600	Water: 2594 - 2604
shale & sand			2600	2650	
shale & sand			2650	2800	
sand			2800	2850	1st Berea: 2822 - 2828 2nd Berea: 2834-2840
sand & shale			2850	3000	
shale			3000	<u>3231</u>	Gordon 3072 - 3082

(Attach separate sheets as necessary)

CLAY RESOURCES, INC.

Well Operator

By: Sandra L. Schaefer V. Pres. Operations

Date: February 17, 1986

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including ~~any~~, encountered in the drilling of a well."

RECEIVED

JUN 06 1985



1) Date: May 28, 19 85
 2) Operator's Well No. Ina E. #1
 3) API Well No. 47 103 - 1352
 State County Permit

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

APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: Oil / Gas X /
 B (If "Gas", Production X / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 1387' / Watershed: Haynes Run 508
 District: Magnolia 6 / County: Wetzel / Quadrangle: New Martinsville 7.5'
- 6) WELL OPERATOR Clay Resources, Inc. 172 / 7) DESIGNATED AGENT Andrew C. Brown
 Address 204 Union Square 10025 / Address Box 32
Marietta, OH 45750 / Reader, WV
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED / 9) DRILLING CONTRACTOR:
 Name Robert Lowther / Name Unknown
 Address General Delivery / Address
Middlebourne, WV 26149 /
- 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, Gordon (419)
- 12) Estimated depth of completed well, 3500' feet
- 13) Approximate strata depths: Fresh, 550 feet; salt, 500 feet.
- 14) Approximate coal seam depths: 900 - 1000' 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	8 5/8					1030'	1030'	CTS	Per rule 15.05
Coal									Sizes
Intermediate									
Production	4 1/2					3500'	3500'	500 + SKS	Depths set Per rule 15.01
Tubing									
Liners									Perforations: Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-103-1352

June 27 19 85
Date

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 June 27, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
38	A113	MU	MU	527

Margaret J. Hesse
 Administrator, Office of Oil and Gas

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

File

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