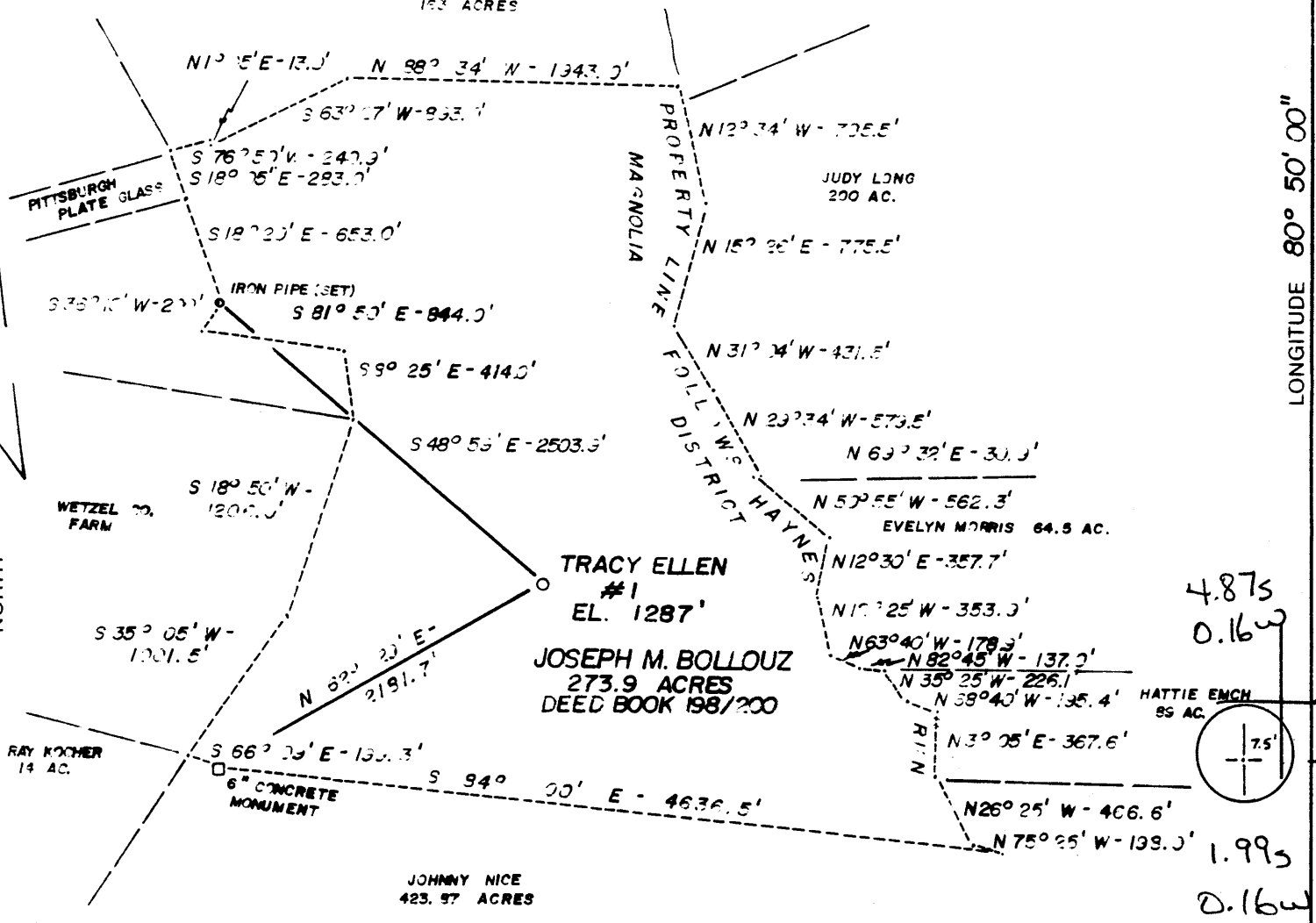


CODE CARD PLOT

S. ALEXANDER
123 ACRES



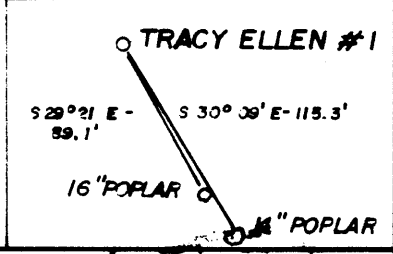
LONGITUDE 80° 50' 00"
10, 510

4.875
0.16
1.995
0.16

(NO WELLS WITHIN 1200')

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

REFERENCE POINTS



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION TOP OF RIDGE
1372'

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 APRIL 30, 19 85
 OPERATOR'S WELL NO. Tracy Ellen #1
 API WELL NO. _____

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

LOCATION: ELEVATION 1287 WATERSHED HAYNES RUN
 DISTRICT MAGNOLIA COUNTY WETZEL
 QUADRANGLE NEW MARTINSVILLE 7.5' 509 091 Nc2

SURFACE OWNER JOSEPH M. BOLLOUZ ACREAGE 273.9 AC.
 OIL & GAS ROYALTY OWNER JOSEPH M. BOLLOUZ LEASE ACREAGE 273.9 AC.

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 172 ADDRESS BOX 32
MARIETTA, OHIO 45750 READER, WV 26167

COUNTY NAME
PERMIT

JUN 26 1985

D.

ENERGY
S



WR-35

FEB 21 1986

State of West Virginia

DEPARTMENT OF ENERGY
Oil and Gas Division

Date February 17, 1986
Operator's
Well No. Tracy Ellen #1
Farm Joseph Ballouz
API No. 47-103 - 1350

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil X / X Gas X / Liquid Injection / Waste Disposal /
(If "Gas," Production X / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 1287 Watershed Haynes Run
District: Magnolia County Wetzel Quadrangle New Martinsville 7.5'

COMPANY Clay Resources, Inc.
ADDRESS 204 Union Square, Marietta, OH 45750
DESIGNATED AGENT Andy Brown
ADDRESS Box 32, Reader, WV 26167
SURFACE OWNER Joseph Ballouz
ADDRESS 216 Paducah Dr. New Martinsville, WV
MINERAL RIGHTS OWNER SAME
ADDRESS
OIL AND GAS INSPECTOR FOR THIS WORK Robert
Lowther ADDRESS General Delivery
Middlebourn, WV
PERMIT ISSUED June 12, 1985
DRILLING COMMENCED 9-23-85
DRILLING COMPLETED 9-28-85
IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8		1595	300 sx
7			
5 1/2			
4 1/2		3025	200 sx
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Gordon Depth 3500 feet
Depth of completed well 3050 feet Rotary X / Cable Tools
Water strata depth: Fresh feet; Salt 2267 feet
Coal seam depths: 1497 Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Gordon Pay zone depth 2882-2894 feet
Gas: Initial open flow 35 Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow (25) Mcf/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 72 hours
Static rock pressure 320 psig (surface measurement) after 72 hours shut in
(If applicable due to multiple completion--)
Second producing formation Pay zone depth feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow Mcf/d Oil: Final open flow Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure psig (surface measurement) after hours shut in

MAR 3 1986
(Continue on reverse side)

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

Perforations: 20 shots: 2884 to 2894

Frac: Foam

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
SS, shale			0	518	
Limestone, shale			518	890	
sand, shale, limestone			890	1400	
shale & limestone			1400	2100	
shale			2100	2450	
sand & shale			2450	2600	
sand			2600	2700	Berea: 2640 - 2646
sand & shale			2700	2850	
shale			2850	<u>3045</u>	<u>Gordon</u> 2882-2888

(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 geologic record of all formations, including those encountered during the drilling of a well."

FORM 10-83
RECEIVED
 JUN 05 1985



1) Date: May 28, 19 85
 2) Operator's Well No. Tracy Ellen #1
 3) API Well No. 47 State 103 County -1350 Permit

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

OIL & GAS DIVISION
 DEPT. OF MINES

- 4) WELL TYPE: A Oil Gas
 B (If "Gas", Production Underground storage _____/ Deep _____/ Shallow _____/)
- 5) LOCATION: Elevation: 1287' Watershed: Haynes Run
 District: Magnolia County: Wetzel Quadrangle: New Martinsville 7.5'
- 6) WELL OPERATOR Clay Resources, Inc. - 7) DESIGNATED AGENT Andrew C. Brown
 Address 204 Union Square 10025 Address Box 32
Marietta, OH 45750 Reader, WV 26167
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Robert Lowther
 Address General Delivery
Middlebourne, WV 26149
- 9) DRILLING CONTRACTOR: Name Unknown
 Address _____
- 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
 12) Estimated depth of completed well, 3500 feet
 13) Approximate trata depths: Fresh, 550 feet; salt, 500 feet.
 14) Approximate coal seam depths: 900 - 1000' 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									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 47-103-1350 Date June 12 19 85

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 12, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>38</u>	Agent: <u>ALD</u>	Plat: <u>MUMU</u>	Casing	Fee <u>528</u>
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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.