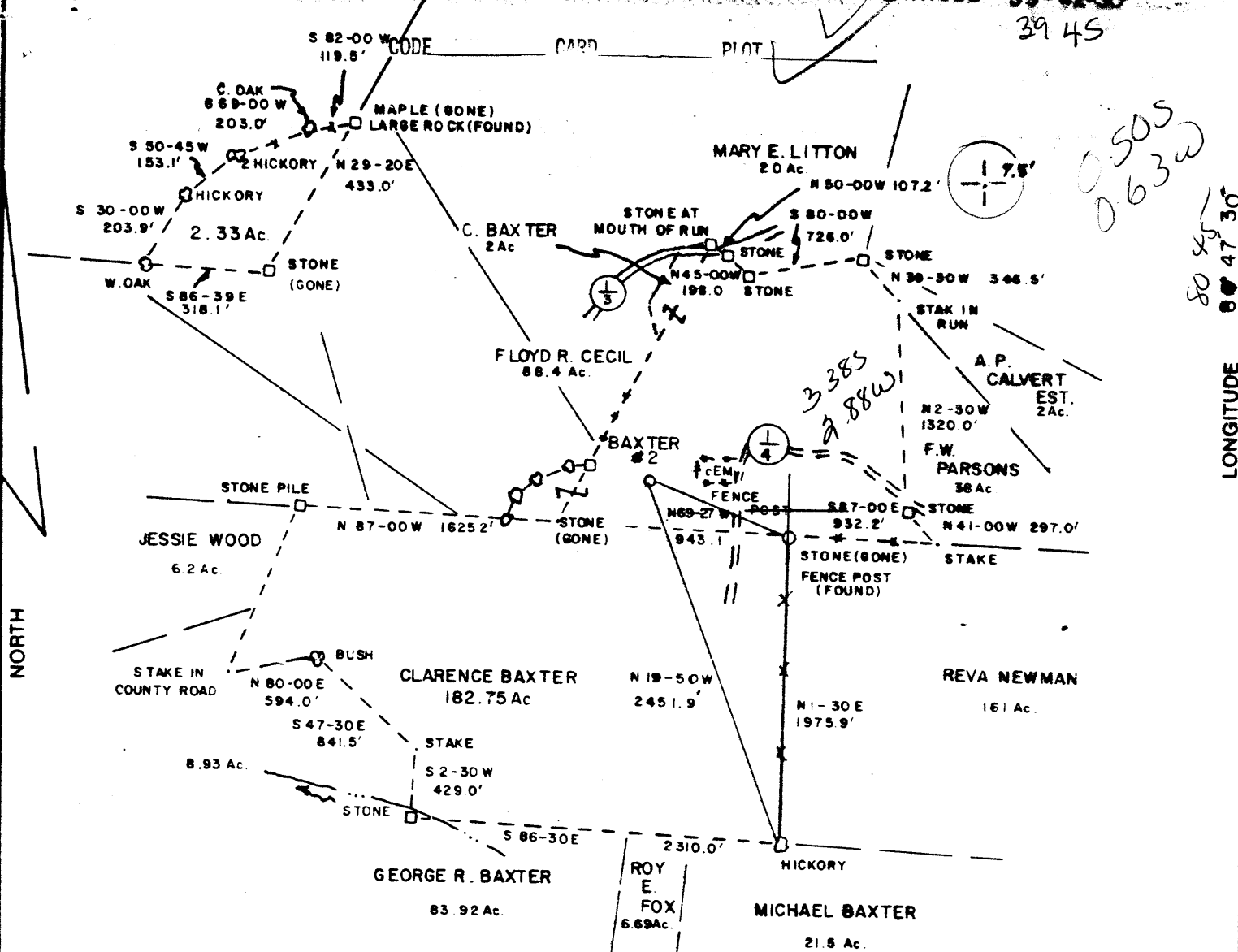


LATITUDE 39° 42' 30" 39 45

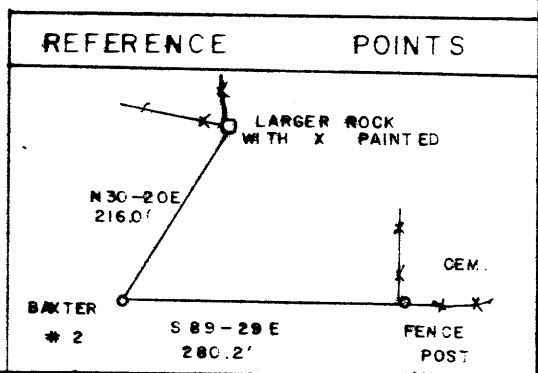


0.505  
0.632

80 45  
87 47 30

NORTH

NOTE  
BEARINGS ARE MAGNETIC



FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 1000'  
MINIMUM DEGREE OF ACCURACY 1:200  
PROVEN SOURCE OF ELEVATION TOP OF HILL  
1310'

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



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION



DATE SEPT. 14 19 85  
OPERATOR'S WELL NO. BAXTER #2  
API WELL NO. \_\_\_\_\_

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
(IF "GAS.") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
LOCATION: ELEVATION 1231' WATERSHED PROCTOR CREEK  
DISTRICT PROCTOR 7 COUNTY WETZEL  
QUADRANGLE NEW MARTINSVILLE 7.5' 509 091 NB-3  
SURFACE OWNER CLARENCE BAXTER ACREAGE 182.75  
OIL & GAS ROYALTY OWNER CLARENCE BAXTER LEASE ACREAGE 182.75

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 GORDEN ESTIMATED DEPTH 3500'  
WELL OPERATOR CLAY RESOURCES INC. 172 DESIGNATED AGENT ANDY BROWN  
ADDRESS 204 UNION SQUARE ADDRESS P.O. BOX 32  
MARIETTA OHIO 45750 READER W.V 26167

NOV 4 1985

6.6 Cameron-Garner (23)



State of West Virginia

DEPARTMENT OF ENERGY  
Oil and Gas Division

FEB 21 1986

Date February 18, 1986  
Operator's  
Well No. Baxter #2  
Farm Clarence Baxter  
API No. 47 - 103 - 1368

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

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

LOCATION: Elevation: 1231 Watershed Proctor Creek  
District: Proctor 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 Clarence Baxter

ADDRESS 99 Pennsylvania Ave.  
Cameron, WV 26033

MINERAL RIGHTS OWNER SAME

ADDRESS

OIL AND GAS INSPECTOR FOR THIS WORK ROBERT

LOWTHER ADDRESS General Delivery  
Middlebourne, WV

PERMIT ISSUED October 29, 1985

DRILLING COMMENCED December 4, 1985

DRILLING COMPLETED December 9, 1985

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		1460	304 sx.
7			
5 1/2			
4 1/2		2913	225 sx.
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Gordon Depth 3500 feet

Depth of completed well 2988 feet Rotary x / Cable Tools

Water strata depth: Fresh feet; Salt 2215 feet

Coal seam depths: 1021 Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Gordon Pay zone depth 2815-2840 feet

Gas: Initial open flow 35 Mcf/d Oil: Initial open flow 0 Bbl/d

Final open flow 30 Mcf/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 72 hours

Static rock pressure 330 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

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

PERFORATED: 20 Shots: 2804-2823

FRAC: 12/13/85 - 75% Foam: Broke @ 2375#: ISP 1500#: 325,000 SCF, N<sub>2</sub>:  
40,000# 20/40:

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 & shale			0	470	
Shale & Limestone			470	1256	
Shale & limestone, redrock			1256	1322	
Shale, Limestone			1322	2072	
shale			2072	2472	
sand & shale			2472	2550	
sand			2550	2655	1st Berea: 2562 - 2572 2nd Berea: 2578 - 2584
shale & sand			2655	2750	
shale			2750	<u>2988</u>	Gordon: 2815 - 2840

(Attach separate sheets as necessary)

CLAY RESOURCES, INC.

Well Operator

By: Sandra L. Schepers

V.Pres. Operations

Date: February 18, 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 coal, encountered in the drilling of a well."

**RECEIVED**  
OCT - 4 1985



1) Date: September 27, 1985  
 2) Operator's Well No. Baxter #2  
 3) API Well No. 47 103 -1368  
 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  / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow \_\_\_\_\_)
- 5) LOCATION: Elevation: 1231' Watershed: Proctor Creek  
 District: Proctor County: Wetzel Quadrangle: New Martinsville 7.5'
- 6) WELL OPERATOR Clay Resources 172 CODE: 10025 7) DESIGNATED AGENT Andy Brown  
 Address 204 Union Square Address Box 32  
Marietta, OH 45750 Reader, WV 26167
- 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  / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Stimulate   
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_  
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Gordon 49
- 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
- 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									
Lin.									Perforations:
									Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-103-1368

October 29 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 October 29, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee	WPCP	S&E	Other
	<u>ALP</u>	<u>MN</u>	<u>MN</u>	<u>1030</u>	<u>MN</u>	<u>MN</u>	

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

[Signature]  
 Director, Division of Oil and Gas

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

X  
 File