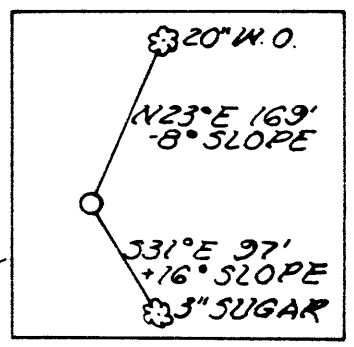


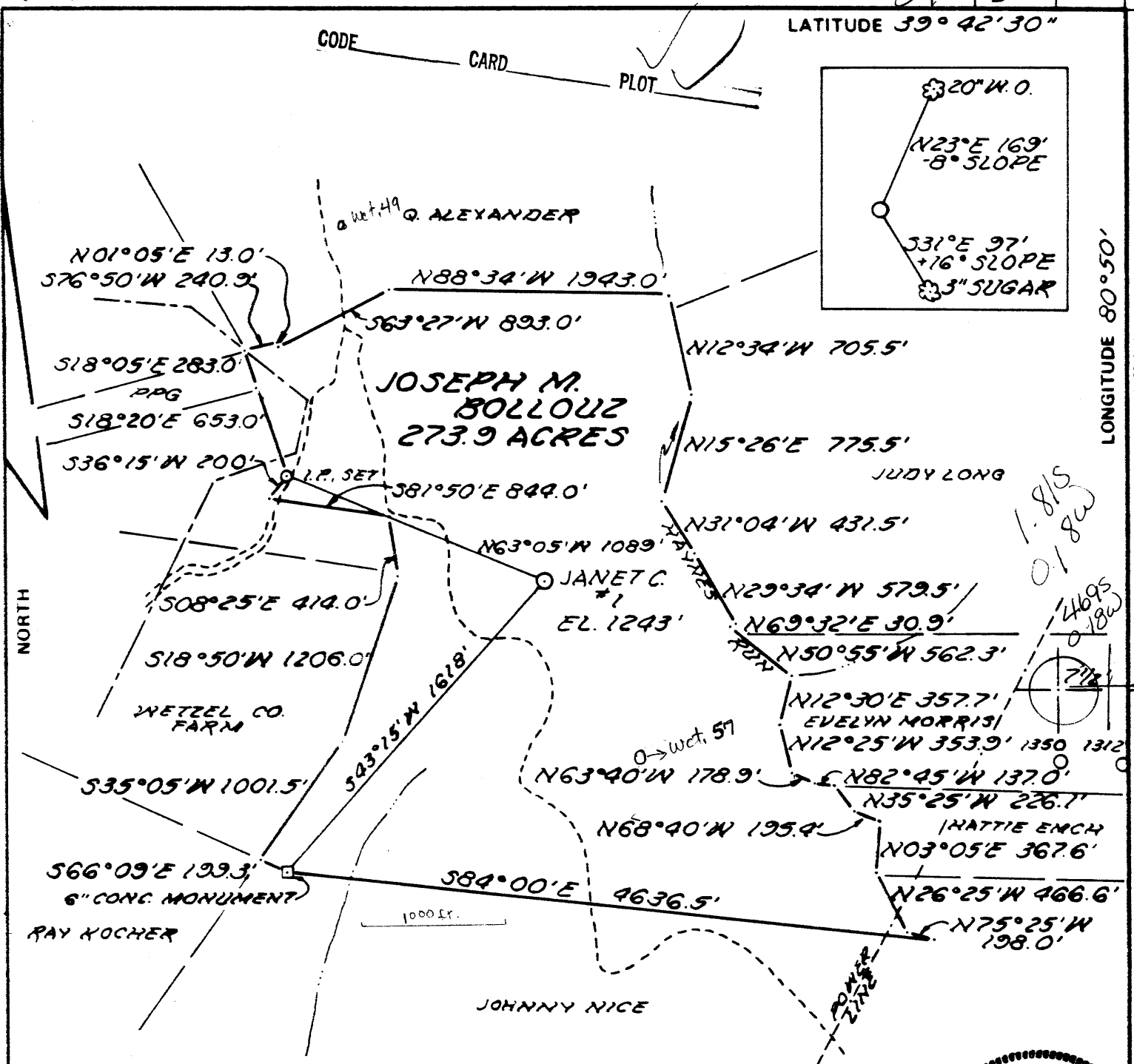
39 45 - 950'

LATITUDE 39° 42' 30"

CODE _____ CARD _____ PLOT _____



LONGITUDE 80° 50' 25.30"



FILE NO MB1-12
 DRAWING NO _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION HIGH POINT EL. 1372' - 2350' SW OF LOCATION

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) William R. Mosby
 R.P.E. _____ L.L.S. 551



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE 12 OCTOBER 19 85
 OPERATOR'S WELL NO. JANET C. #1
 API WELL NO. 47-103-1372
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 1243' WATER SHED HAYNES RUN
 DISTRICT MAGNOLIA 6 COUNTY WETZEL
 QUADRANGLE NEW MARTINSVILLE 7 1/2' 509 091 NC2
 SURFACE OWNER JOSEPH M. BOLLOUZ ACREAGE 273.9
 OIL & GAS ROYALTY OWNER JOSEPH M. BOLLOUZ LEASE ACREAGE 273.9
 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 _____ 6-6 Cameron-Garner (23)
 TARGET FORMATION GORDON ESTIMATED DEPTH 3500
 WELL OPERATOR CLAY RESOURCES DESIGNATED AGENT ANDY BROWN
 ADDRESS 204 UNION SQUARE MARIETTA, OHIO 45750 ADDRESS BOX 32 READER, W.V. 26167

NOV 25 1985

7-35
ev 8-81)

RECEIVED
SEP 15 1986



DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

State of West Virginia
Department of Mines
Oil and Gas Division

Date September 8, 1986
Operator's Well No. Janet C. #1
Farm Joseph Ballouz
API No. 47 - 103 - 1372

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: 1243 Watershed Haynes Run
District: Magnolia County Wetzel Quadrangle New Martinsville

COMPANY CLAY RESOURCES, INC.
ADDRESS 286 Front St., Marietta, OH 45750
DESIGNATED AGENT Andy Brown
ADDRESS Box 32, Reader, WV 26167
SURFACE OWNER Joseph Ballouz
216 Paducah Dr.
ADDRESS New Martinsville, WV 26155
MINERAL RIGHTS OWNER SAME
ADDRESS
OIL AND GAS INSPECTOR FOR THIS WORK Robert Lowther
ADDRESS Middlebourn, WV 26149
PERMIT ISSUED November 18, 1985
DRILLING COMMENCED January 24, 1986
DRILLING COMPLETED January 28, 1986
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 Cord.			
13-10"			
9 5/8			
8 5/8	1494	1494	370 SKS
7			
5 1/2			
4 1/2	2946	2946	200 SKS
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION GORDON Depth 3100 feet
Depth of completed well 2984 feet Rotary X / Cable Tools
Water strata depth: Fresh feet; Salt 2223 feet
Coal seam depths: 1033 Is coal being mined in the area? NO

OPEN FLOW DATA
Producing formation GORDON Pay zone depth 2854-2870 feet
Gas: Initial open flow 30 Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow (25) Mcf/d Oil: Final open flow 0 Bbl/d
Time of open flow between initial and final tests 72 hours
Static rock pressure 33- psig (surface measurement) after 72 hours shut in
(If applicable due to multiple completions--)
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

(Continue on reverse side)

SEP 22 1986

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

PERFORATED: 20 HOLES: 2842 - 2855 Gordon

FRAC'D: FOAM FRAC: Broke @ 2000, ISP: 2200, 400 SKS 20/40 Sand: N2 - 483,000 SCF:

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, SS, LIMESTONE			0	2350	
SAND, SS, LIMESTONE			2350	2600	
SAND, SS, SHALE			2600	2700	1st Berea: 2600 - 2605 2nd Berea: 2605 - 2612
SHALE, SANDSTONE			2700	<u>2984</u>	<u>GORDON:</u> 2854 - 2870

(Attach separate sheets as necessary)

CLAY RESOURCES, INC.

Well Operator

By:

Date: September 10, 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."



1) Date: October 23, 1985
 2) Operator's Well No. Janet C. #1
 3) API Well No. 47 103-1372

State _____ County _____ Permit _____
RECEIVED
OCT 31 1985

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

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production / Underground storage _____ / Deep _____ / Shallow _____)
 5) LOCATION: Elevation: 1243' Watershed: Haynes Run
 District: Magnolia County: Wetzel Quadrangle: New Martinsville 7 1/2'
 6) WELL OPERATOR Clay Resources 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 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 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'	CTS		Per rule 15.05
Coal									Sizes
Intermediate									
Production	4 1/2					3500'	500' + SKS		Depths set Per rule 15.01
Tubing									
Lin.									Perforations:
									Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-103-1372 Date November 18 1985

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 November 18, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <u>ALB</u>	Plat: <u>MN</u>	Casing: <u>MN</u>	Fee: <u>1249</u>	WPCP: <u>MN</u>	S&E: <u>MN</u>	Other: _____
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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.