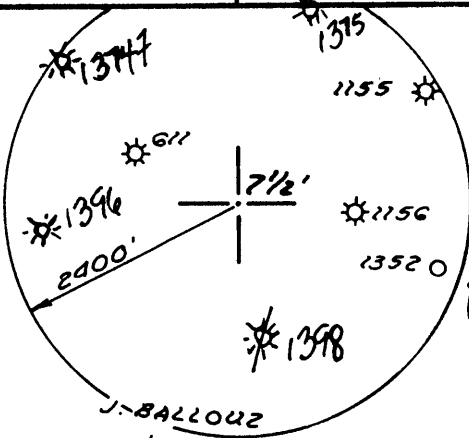
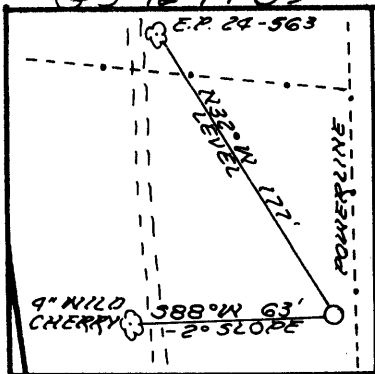


12-17-85

8620'

LONGITUDE 80° 47' 30"



- LATITUDE 39° 40'
- 16 LINES DOWN HAYNES
- N35°10'W 198'
  - N16°15'W 198'
  - N82°W 429'
  - N47°W 396'
  - N57°30'W 214.5'
  - N31°08'W 156.7'
  - N89°W 255.7'
  - N29°25'W 181.5'
  - N06°20'E 186.9'
  - N19°35'W 401.5'
  - N25°W 335.5'
  - N25°30'W 335.5'
  - N50°E 280.5'
  - N25°30'W 241.9'
  - N46°W 214.5'
  - N12°30'W 82.5'

STEELTON SECTION  
OF THE CITY OF  
NEW MARTINSVILLE

555°30'W 2689.5'  
JOHNNY NICE  
426 ACRES

584°50'E 5527.5'  
DAISY BODHER  
COCHRAN  
N05°36'E 1670.5'  
COCHRAN  
47-103-6440R

M. ADAMSON  
E. SHIBEN  
K. MENSORE

F. BRIGGS

(R.A. STONEKING)

(L. COCHRAN)

(G.A. HEINZMAN)

TOTAL 3514.5'

G.A. ANDERSON

0.40  
3.86

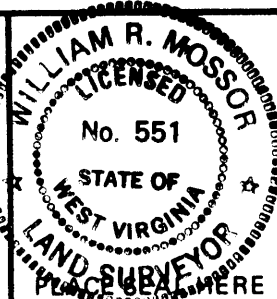
FILE NO. MB6-1,5  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 2000'  
MINIMUM DEGREE OF ACCURACY 1:200  
PROVEN SOURCE OF ELEVATION HIGH PT. 1411'  
1700' NW OF LOC.

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. Mossor

R.P.E. \_\_\_\_\_

L.L.S. 551



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

FORM IV-6 (8-78)



DATE 18 NOVEMBER, 19 85  
OPERATOR'S WELL NO. NICE #7  
API WELL NO. \_\_\_\_\_

47-103-1376-F  
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 1387' WATER SHED COLE RUN & HAYNES RUN

DISTRICT MAGNOLIA COUNTY WETZEL

QUADRANGLE NEW MARTINSVILLE 7 1/2' EC

SURFACE OWNER JOHNNY NICE, ET AL. ACREAGE 426

OIL & GAS ROYALTY OWNER JOHNNY NICE, ET AL. LEASE ACREAGE 426

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'

*Squeeze & Frac New Formation Area, Well, Big Dipper, Klenner. Remove Plug Coning with Gordon.*

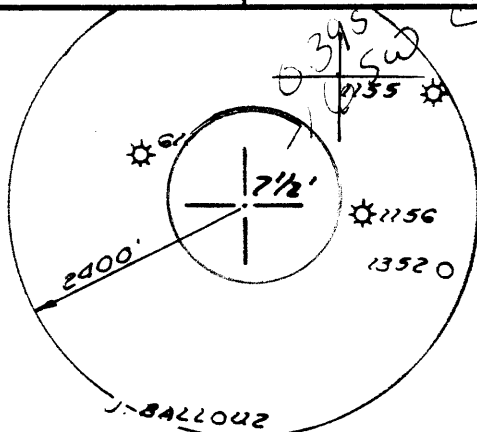
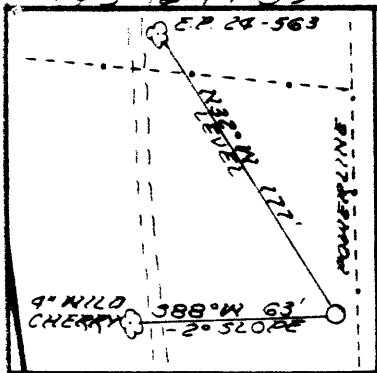
am GAs Industries, Inc.  
Box 1293  
Edgeport, WVa. 26330-1293

DESIGNATED AGENT  
ADDRESS: \_\_\_\_\_  
\_\_\_\_\_

Alan Anderson  
Same Address  
PH: 304-842-9256

5632

643 12-17-85



- LATITUDE 39° 40'
- 16 LINES DOWN HAYNES
- N 35° 10' W 198'
  - N 16° 15' W 198'
  - N 82° W 429'
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STEELTON SECTION OF THE CITY OF NEW MARTINSVILLE

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TOTAL 3514.5'

G.A. ANDERSON

HAYNES RUN  
NICE  
POWERLINE

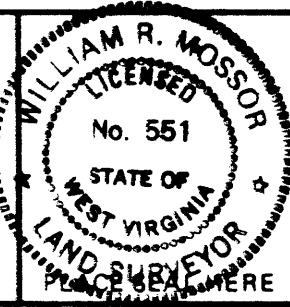
(J. HARTMAN)  
(B.M. TALKINGTON)  
(W. NICE)

JOHNNY NICE

(R. RYHETER)

FILE NO. MBG-1,5  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 2000'  
MINIMUM DEGREE OF ACCURACY 1:200  
PROVEN SOURCE OF ELEVATION HIGH PT. 1411' 1700' NW OF LOC.

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(SIGNED) William R. Mossor  
R.P.E. \_\_\_\_\_ L.L.S. 551



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



DATE 18 NOVEMBER 19 85  
OPERATOR'S WELL NO. NICE #7  
API WELL NO. 47-103-1376  
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 1387' WATER SHED COLE RUN & HAYNES RUN  
DISTRICT MAGNOLIA 6 COUNTY WETZEL  
QUADRANGLE NEW MARTINSVILLE 742' 509 091 EC6  
SURFACE OWNER JOHNNY NICE, ET AL. ACREAGE 426  
OIL & GAS ROYALTY OWNER JOHNNY NICE, ET AL. LEASE ACREAGE 426  
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' 6-6 Cameron-Garner 1-6  
WELL OPERATOR CLAY RESOURCES DESIGNATED AGENT ANDY BROWN (23)  
ADDRESS 204 UNION SQUARE ADDRESS BOX 32  
MARIETTA, OHIO 45750 12 ADDRESS READER, WV 26167

RECEIVED  
AUG 21 1986



Date August 19, 1986  
Operator's Well No. J. Nice #7  
Farm J. Nice et al  
API No. 47 - 103 - 1376

IV-35  
(Rev 8-81)

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

State of West Virginia  
Department of Mines  
Oil and Gas Division

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

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

LOCATION: Elevation: 1387 Watershed Cole Run & Haynes Run  
District: Magnolia County Wetzel Quadrangle New Martinsville

COMPANY Clay Resources, Inc.  
ADDRESS 286 Front Street, Marietta, OH 45750  
DESIGNATED AGENT Andy Brown  
ADDRESS Box 32, Reader, WV 26167  
SURFACE OWNER Beulah Talkington  
ADDRESS Rt. #1, Box 45 New Martinsville, WV 26155  
MINERAL RIGHTS OWNER SAME  
ADDRESS  
OIL AND GAS INSPECTOR FOR THIS WORK Don Ellis  
2604 Crab Apple Lane  
ADDRESS Fairmont, WV 26554

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	1560	1560	370 Sks
7			
5 1/2			
4 1/2	3131	3131	200SKS
3			
2			
Liners used			

PERMIT ISSUED December 31, 1985  
DRILLING COMMENCED January 3, 1986  
DRILLING COMPLETED January 11, 1986

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

GEOLOGICAL TARGET FORMATION Gordon Depth 3100 feet  
Depth of completed well 3150 feet Rotary  / Cable Tools  
Water strata depth: Fresh feet; Salt 2367 feet  
Coal seam depths: 1177 Is coal being mined in the area? NO

OPEN FLOW DATA  
Producing formation Gordon Pay zone depth 3034-3060 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 320 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 2 1986

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

PERFORATED: 20 Holes : 3038-3050 Gordon

FRAC: N<sub>2</sub> - 1,000,000 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, Limestone, Sandstone			0	2750	
Sand, Sandstone			2750	2850	1st Berea: 2784-2794 2nd Berea: 2794-2802
Sand & Shale			2850	2950	
Shale			2950	<u>3150</u>	<u>Gordon: 3034-3060.</u>

(Attach separate sheets as necessary)

CLAY RESOURCES, INC.

Well Operator

By:

*Jean Ketting*

Date:

*August 19, 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: JANUARY 10, 1994  
2) Operator's well number J. NICE #7  
3) API Well No: 47 - 103 - 1376 - F  
State - County - Permit

Environmental Protection  
1 4 94  
Permitting  
Office of Oil & Gas

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
- (a) Name BEULAH TALKINGTON et al.  
Address ROUTE #1, BOX 45  
NEW MARTINSVILLE, WV 26155
  - (b) Name \_\_\_\_\_  
Address \_\_\_\_\_
  - (c) Name \_\_\_\_\_  
Address \_\_\_\_\_
- 5) (a) Coal Operator:  
Name N/A  
Address \_\_\_\_\_
- (b) Coal Owner(s) with Declaration  
Name N/A  
Address \_\_\_\_\_
- Name \_\_\_\_\_  
Address \_\_\_\_\_
- 6) Inspector RANDAL MICK  
Address \_\_\_\_\_  
MANNINGTON, WV, 26582  
Telephone (304)- 986-3324
- (c) Coal Lessee with Declaration  
Name N/A  
Address \_\_\_\_\_

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

\_\_\_\_\_ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR  
X Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

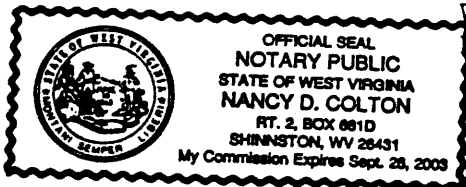
I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through \_\_\_\_\_ on the above named parties, by:

- \_\_\_\_\_ Personal Service (Affidavit attached)
- \_\_\_\_\_ Certified Mail (Postmarked postal receipt attached)
- \_\_\_\_\_ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.



Well Operator COBHAM GAS INDUSTRIES INC.  
By: Alan D. Anderson  
Title: AGENT  
Address P.O. BOX 1293  
BRIDGEPORT, WV 26330  
Telephone 304-842-9256

Subscribed and sworn before me this 10<sup>th</sup> day of JANUARY, 1994

My commission expires September 28, 2003 Nancy D. Colton Notary Public

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

Issued 01/27/94  
Expires 01/27/96

Jan 14 94

Permitting

5632

1) Well Operator: COBHAM GAS INDUSTRIES, INC. 10195 (D) 509

Operator's Well Number: J. NICE # 7 3) Elevation: 1387

Well type: (a) Oil  / or Gas  /

(b) If Gas: Production  / Underground Storage  /  
Deep  / Shallow  /

Proposed Target Formation(s): BEREA, WEIR, BIG INJUN, KEENER

Proposed Total Depth: 3150 feet

7) Approximate fresh water strata depths: N/A

8) Approximate salt water depths: 2367

9) Approximate coal seam depths: 1177

10) Does land contain coal seams tributary to active mine? Yes  / No  /

11) Proposed Well Work: RUN BOND LOG, PERFORATE AND FRACTURE UP HOLE ZONES THAT ARE BEHIND PIPE WITH CEMENT COVERAGE ACROSS AND ABOVE THE ZONES.

CASING AND TUBING PROGRAM

*Remove temporary plug coming in with bedrock*

*possible success for*

TYPE	SPECIFICATIONS		Weight per ft.	FOOTAGE INTERVALS		CEMENT
	Size	Grade		For drilling	Left in well	
Conductor						
Fresh Water						
Coal	8 5/8			1560	1560	370 SKS
Intermediate						
Production	4 1/2			3131	3131	200 SKS
Tubing						
Liners						

*Existing from Well Record.*

PACKERS : Kind \_\_\_\_\_  
Sizes \_\_\_\_\_  
Depths set \_\_\_\_\_

For Division of Oil and Gas Use Only

130/3  
Fee(s) paid:  Well Work Permit  Reclamation Fund  WPCP  
 Plat  WW-9  WW-2B  Bond C. Blank Agent  
(Type)



1) Date: November 25, 1985  
 2) Operator's Well No. J. Nice #7  
 3) API Well No. 47 103 -1376  
 State County Permit

DEC - 2 1985

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

APPLICATION FOR A WELL WORK PERMIT

DIVISION OF OIL & GAS

- 4) WELL TYPE: WATER Gas  Gas  /  
 B (If "Gas", Production  / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow \_\_\_\_\_ /)
- 5) LOCATION: Elevation: 1387' Watershed: Cole Run & 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 Warren Drilling Co., Inc.  
 Address Box 103  
Dexter City, OH
- 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 trata depths: Fresh, 640 feet; salt, 2366' feet.
- 14) Approximate coal seam depths: 1597' Is coal being mined in the area? Yes \_\_\_\_\_ / No  /
- 15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	Size	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
		Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	<u>11 3/4</u>					<u>670'</u>	<u>670'</u>	<u>CTS by rule 15.05</u>	
Fresh water	<u>8 5/8</u>					<u>1587'</u>	<u>1587'</u>	<u>CTS</u>	<u>Per rule 15.05</u>
Coal									Sizes
Intermediate									
Production	<u>4 1/2</u>					<u>3100'</u>	<u>3100'</u>	<u>500 + SKS</u>	<u>Per rule 15.01</u>
Tubing									
Lin.									Perforations
									Top Bottom

*\* to be run only if fresh water is encountered*

OFFICE USE ONLY  
DRILLING PERMIT

Permit number 47-103-1376 Date December 31 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 December 31, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <u>AD</u>	Plat: <u>MS</u>	Casing: <u>mx</u>	Fee: <u>1379</u>	WPCP: <u>mw</u>	S&E: <u>mw</u>	Other:
-------------------------------------------	------------------	-----------------	-------------------	------------------	-----------------	----------------	--------

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.

File