

177N 7-30 85

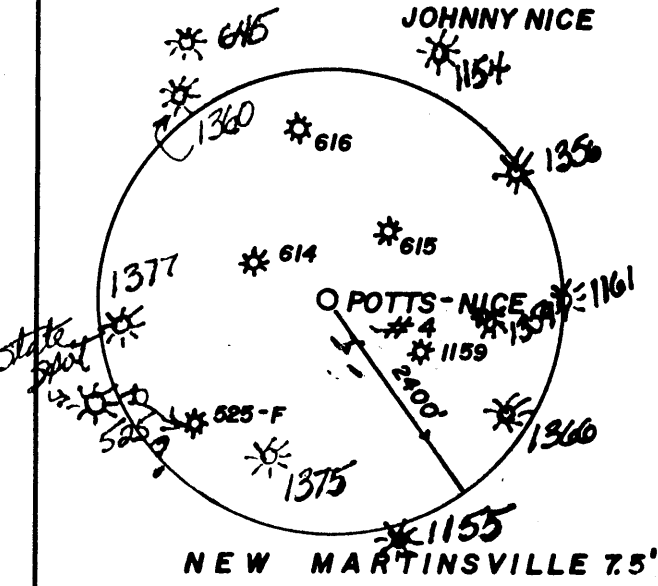
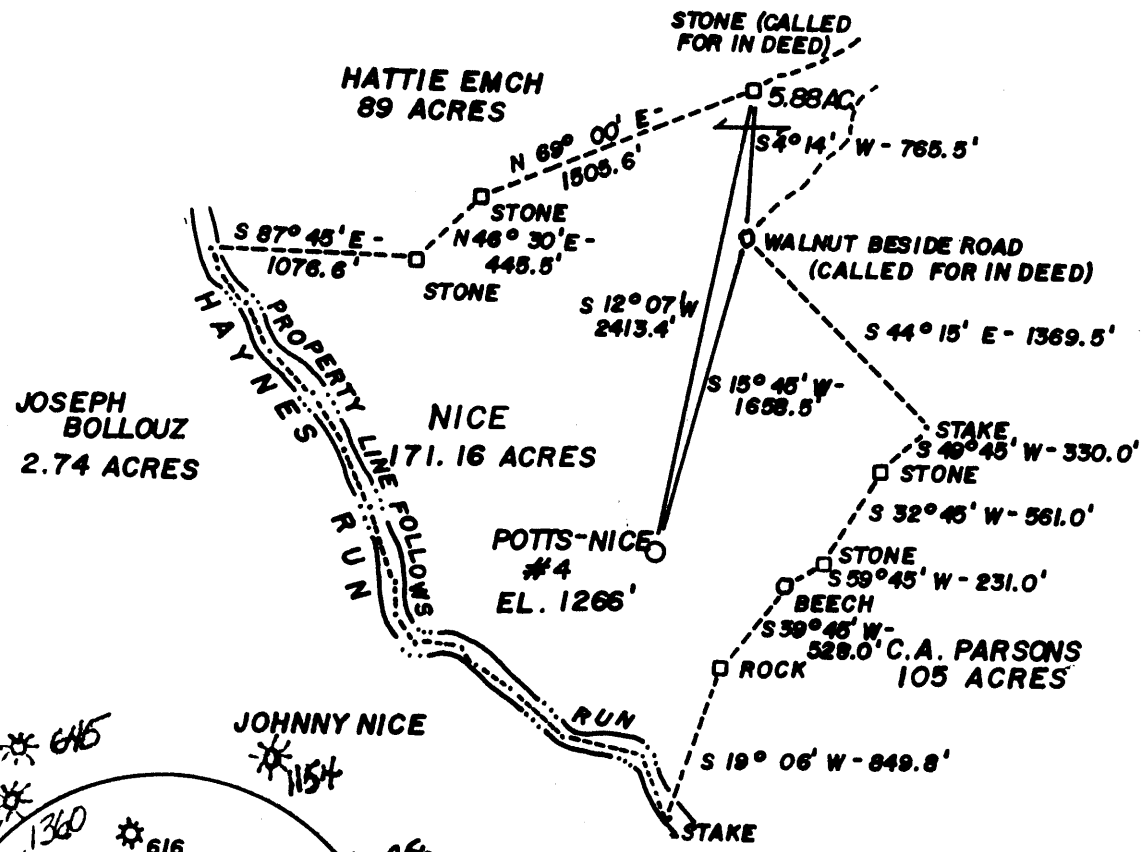
7, 290'

LATITUDE 39° 42' 30"

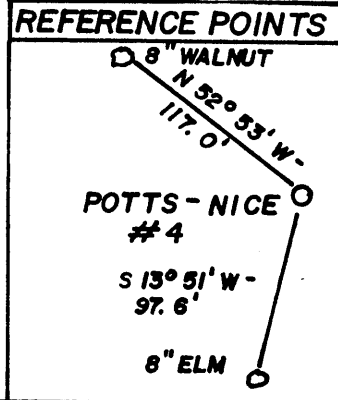
*Janil*  
2/4/94

NORTH

LONGITUDE 80° 47' 30"



2.985  
3.38W  
5.46  
3.60



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION ROAD INTERSECTION  
1326'

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 JUNE 6 19 85  
 OPERATOR'S WELL NO. POTTS-NICE  
 API WELL NO. #4  
47 - 103 - 1355-7  
 STATE COUNTY PERMIT

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
 LOCATION: ELEVATION 1266' WATERSHED HAYNES RUN  
 DISTRICT PROCTOR COUNTY WETZEL  
 QUADRANGLE NEW MARTINSVILLE 7.5' NE

SURFACE OWNER JOHN A. NICE ACREAGE 171.16 ACRES  
 OIL & GAS ROYALTY OWNER JOHN A. NICE LEASE ACREAGE 171.16 ACRES

PROPOSED WORK: DRILL  CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Free Flow formation - Poles, Nuts, Bagging, Abandon.  
 PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION GORDON ESTIMATED DEPTH 3500' 2955'

Cobham GAs Industries, Inc.  
 P.O. box 1293  
 Bridgeport, wva. 26330-1293

— Alan Anderson  
 — Same Address  
 — PH: 304-842-9256

5632

COUNTY NAME  
PERMIT

1355

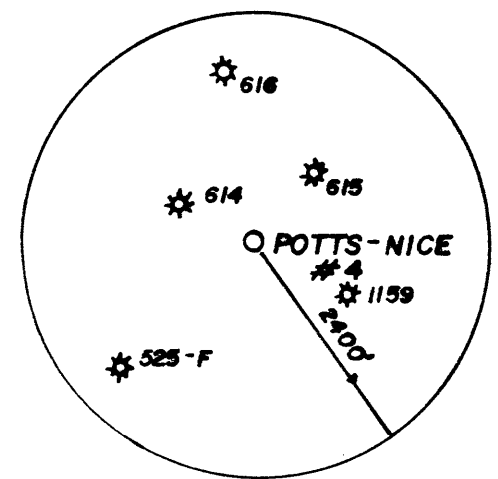
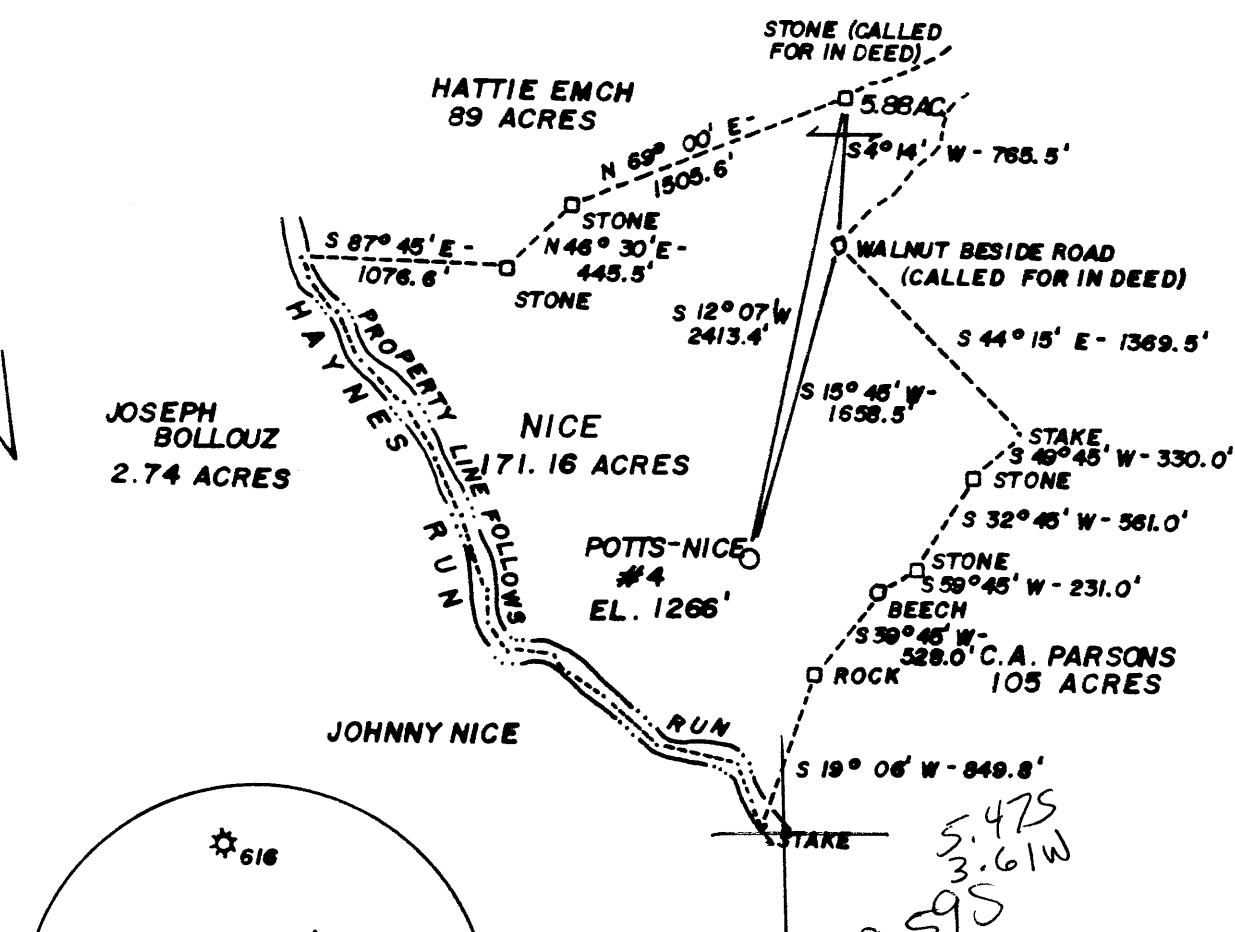
7,290'

LATITUDE 39° 42' 30" 45 00

CODE \_\_\_\_\_ CARD \_\_\_\_\_ PLOT \_\_\_\_\_

NORTH

LONGITUDE 80° 47' 30" 45 00

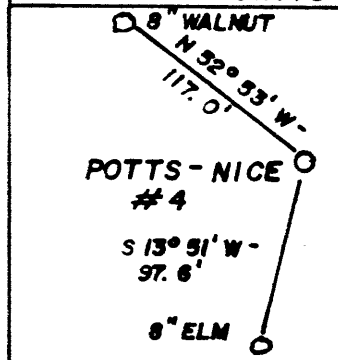


NEW MARTINSVILLE 7.5'

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

Handwritten notes: 5.47S, 3.61W, 2.59S, 1.39W

REFERENCE POINTS



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION ROAD INTERSECTION  
1326'

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 H. Marshall  
 R.P.E. \_\_\_\_\_ L.L.S. 580

PLACE SEAL HERE

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



DATE JUNE 6 19 85  
 OPERATOR'S WELL NO. POTTS-NICE  
 API WELL NO. #4  
47 - 103 - 1355  
 STATE COUNTY PERMIT

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
 LOCATION: ELEVATION 1266' WATERSHED HAYNES RUN  
 DISTRICT PROCTOR COUNTY WETZEL  
 QUADRANGLE NEW MARTINSVILLE 7.5' 509 091 NE3  
 SURFACE OWNER JOHN A. NICE ACREAGE 171.16 ACRES  
 OIL & GAS ROYALTY OWNER JOHN A. NICE LEASE ACREAGE 171.16 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' AUG 12, 1985  
 WELL OPERATOR CLAY RESOURCES 172 DESIGNATED AGENT ANDY BROWN  
 ADDRESS 204 UNION SQUARE ADDRESS P.O. BOX 32  
MARIETTA, OHIO 45750 READER, WV 26167

COUNTY NAME PERMIT



WR-35

FEB 21 1986

State of West Virginia

DEPARTMENT OF ENERGY  
Oil and Gas Division

Date February 17, 1986  
Operator's Well No. Potts/Nice #4  
Farm John Nice  
API No. 47 - 103 - 1355

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: 1266' Watershed Haynes Run  
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 26155  
SURFACE OWNER Gloria V. Nice  
ADDRESS Box 435, New Martinsville, WV 26155  
MINERAL RIGHTS OWNER Same as above  
ADDRESS Same as above  
OIL AND GAS INSPECTOR FOR THIS WORK      
Robert Lowther ADDRESS Gen. Delivery, Middlebourne, WV 26149  
PERMIT ISSUED 8-2-85  
DRILLING COMMENCED 9-7-85  
DRILLING COMPLETED 9-10-85  
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		1545'	390 SKS
7			
5 1/2			
4 1/2		2954'	200 SKS
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Gordon Depth 3100 feet  
Depth of completed well 2955 feet Rotary X / Cable Tools      
Water strata depth: Fresh     feet; Salt 2246' feet  
Coal seam depths: 1056' Is coal being mined in the area? No

OPEN FLOW DATA  
Producing formation Gordon Pay zone depth 2894-2912 feet  
Gas: Initial open flow 30 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 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

(Continue on reverse side)

MAR 3 1986

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

Perforations - 20 holes, 2896' - 2912'

Frac: Foam frac

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	529	
Limestone, shale			529	911	
Sand, Shale, Limeston			911	1411	
Shale, Limestone			1411	2111	
Shale			2111	2461	
Sand & Shale			2461	2611	Weir - 2464-2472'
Sand			2611	2711	1st Berea- 2654-2660' 2nd Berea 2666-2672'
Sand & Shale			2711	2861'	
Shale			2861	<u>2955'</u>	Gordon - 2894-2912'

(Attach separate sheets as necessary)

Clay Resources, Inc.

Well Operator

By: Sandra L. Shaps Vice President, 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 coal, encountered in the drilling of a well."

STATE OF WEST VIRGINIA

DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

WELL WORK PERMIT APPLICATION

Dated 02/14/94

Expires 02/14/96

1) Permitting Operator: <sup>5632</sup> COBHAM GAS INDUSTRIES, INC. 10195 (7) 509

2) Operator's Well Number: POTTS-NICE # 4 3) Elevation: 1266

4) Well type: (a) Oil  / or Gas  /  
(b) If Gas: Production  / Underground Storage  /  
Deep  / Shallow  /

Proposed Target Formation(s): BEREA<sup>375</sup>, WEIR, BIG INJUN, KEENER

Proposed Total Depth: 2955 feet (PRESENTLY)

Approximate fresh water strata depths: N/A

Approximate salt water depths: 2246'

9) Approximate coal seam depths: 1056'

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

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

CASING AND TUBING PROGRAM

*Remove temporary plug casing with Rodon.*

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor						
Fresh Water	8 5/8					
Coal				1545'	1545	390 SKS
Intermediate						
Production	4 1/2			2954'	2954'	200 SKS
Tubing						
Liners						

*Existing ground water record.*

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

For Division of Oil and Gas Use Only

Fee(s) paid:  Well Work Permit  Reclamation Fund  WPCP  
 Plat  WW-9  WW-2B  Bond C.D. Blanket Agent

18636

RECEIVED  
Division of  
Environmental Protection

JAN 14 94

Permitting  
Office of Oil & Gas

- 1) Date: JANUARY 10, 1994
- 2) Operator's well number  
POTTS-NICE #4
- 3) API Well No: 47 - 103 - 1355 - F  
State - County - Permit

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

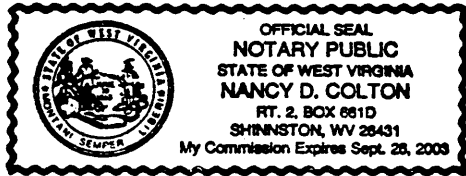
NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
  - (a) Name PATTY & BING POTTS  
Address 50 WOODBURY LANE  
ACTON, MA. 01720
  - (b) Name GLORIA V. NICE  
Address P.O. BOX 435  
NEW MARTINSVILLE, WV 26155
  - (c) Name \_\_\_\_\_  
Address \_\_\_\_\_
- 5) (a) Coal Operator:
  - Name CONSOLIDATION COAL CO.  
Address 1800 WASHINGTON ROAD  
PITTSBURGH, PA 15241
  - (b) Coal Owner(s) with Declaration  
Name \_\_\_\_\_  
Address \_\_\_\_\_
  - (c) Coal Lessee with Declaration  
Name \_\_\_\_\_  
Address \_\_\_\_\_
- 6) Inspector RANDAL MICK  
Address \_\_\_\_\_  
MANNINGTON, WV 26582  
Telephone (304) - \_\_\_\_\_

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  
 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  
 Its: 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

Nancy D. Colton Notary Public  
My commission expires September 26, 2003



1) Date: July 9, 19 85  
 2) Operator's Well No. Potts/Nice #4  
 3) API Well No. 47 103 -1355  
 State County Permit

**RECEIVED**

JUL 15 1985

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

OIL & GAS DIVISION

- 4) WELL TYPE: A. OIL MINING Gas  /  
 B (If "Gas", Production  / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow \_\_\_\_\_)
- 5) LOCATION: Elevation: 1266' Watershed: Haynes Run 528  
 District: Proctor 7 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 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 419
- 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	<u>8 5/8</u>					<u>1030'</u>	<u>1030'</u>	<u>CTS</u>	<u>Per rule 15.05</u>
Coal									Sizes
Intermediate									
Production	<u>4 1/2</u>					<u>3500'</u>	<u>3500'</u>	<u>500 + SKS</u>	Depths set <u>15.01</u>
Tubing									
Liners									Perforations: Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-103-1355 Date August 2 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 August 2, 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 MH</u>	Casing: <u>MH</u>	Fee: <u>616</u>
---	-------------------	--------------------	-------------------	-----------------

K. D. [Signature]  
 DIRECTOR, ~~ENERGY~~ DIVISION 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.