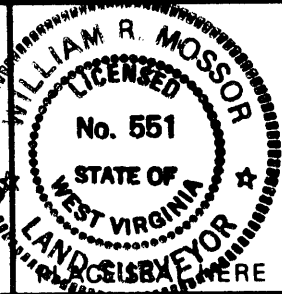


FILE NO. MB  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION HIGH PT. 1411'  
1670' NE OF LOC.

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

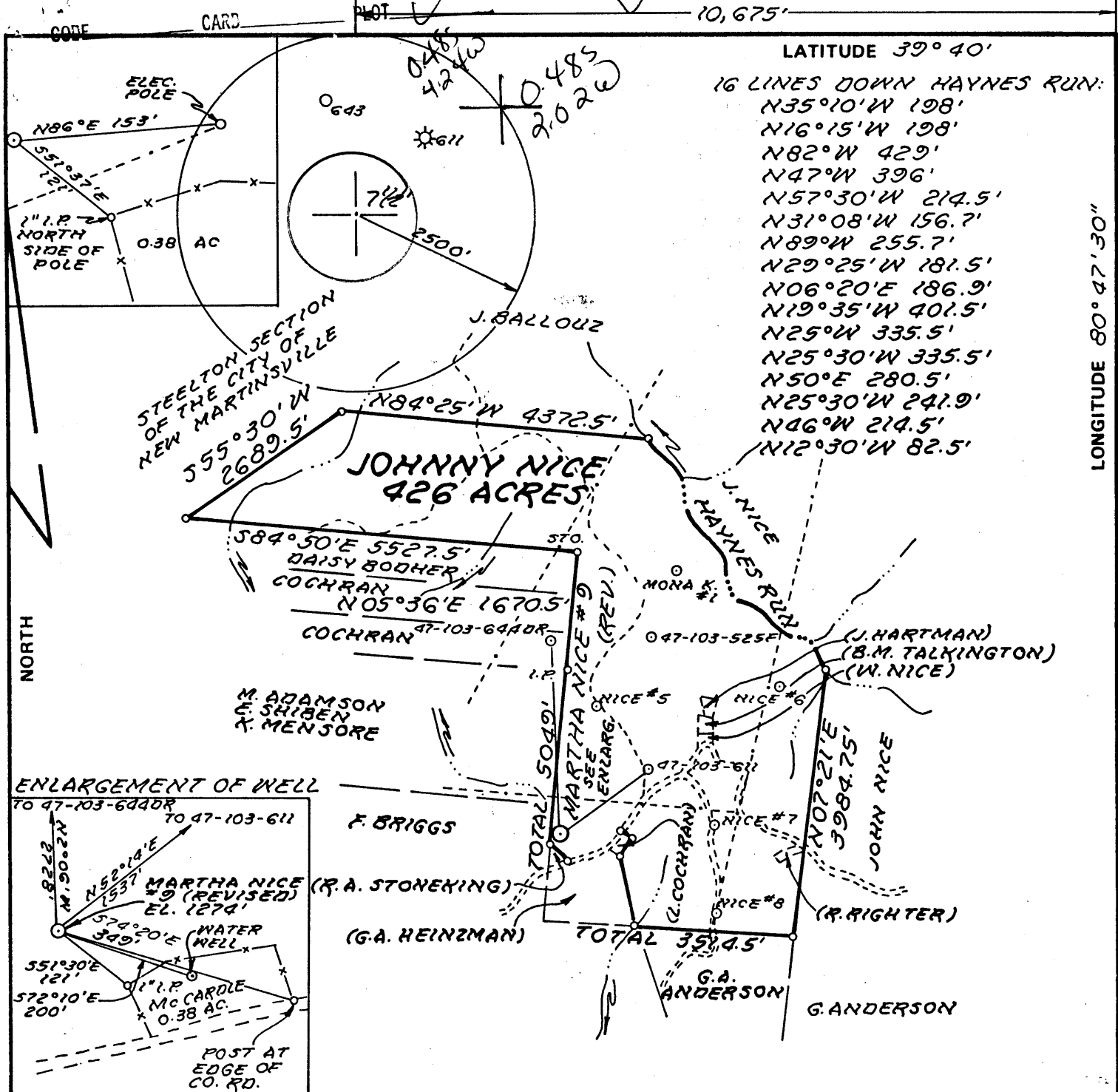


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (8-78)  
 WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
 LOCATION: ELEVATION 1274' WATER SHED WILLIAMS RUN  
 DISTRICT MAGNOLIA COUNTY WETZEL  
 QUADRANGLE NEW MARTINSVILLE 792'  
 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 3100'  
 Cobham Gas Industries, Inc.  
 P.O. Box 1293  
 Bridgeport, wva. 26330-1293

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

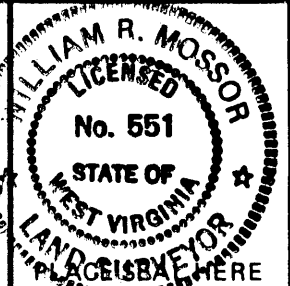
DATE 12 APRIL 19 86  
 OPERATOR'S WELL NO. MARTHA NICE #9 (REVISED)  
 API WELL NO. 47-103-1396-F  
 STATE COUNTY PERMIT

ALAN ANDERSON  
 Same Address  
 PH: 304-842-9256



FILE NO. MB  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION HIGH PT. 1411'  
1670' NE 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)

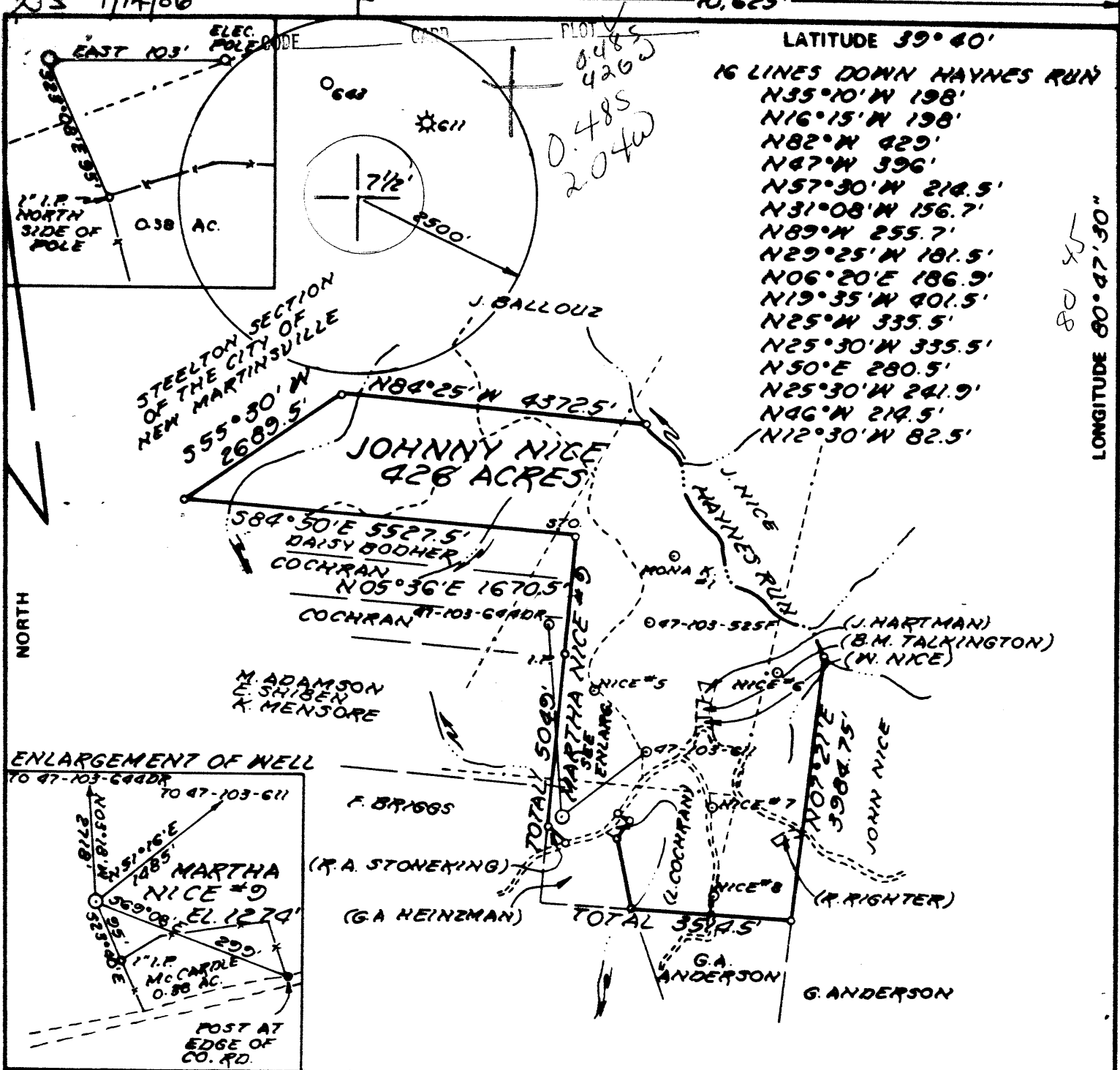
WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
 LOCATION: ELEVATION 1274' WATER SHED WILLIAMS RUN  
 DISTRICT MAGNOLIA 6 COUNTY WETZEL  
 QUADRANGLE NEW MARTINSVILLE 742509 091 EC6  
 SURFACE OWNER JOHNNY 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 3100'  
 WELL OPERATOR CLAY RESOURCES DESIGNATED AGENT ANDY BROWN  
 ADDRESS 286 FRONT ST. 172 ADDRESS BOX 32  
MARIETTA, OHIO 45750 READER, WV 26167

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

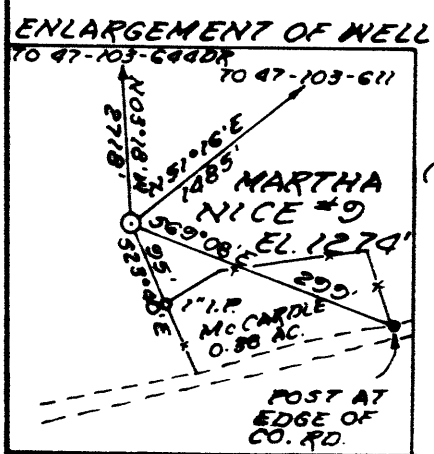
DATE 12 APRIL 1986  
 OPERATOR'S WELL NO. MARTHA NICE  
 API WELL NO. #9 (REVISED)  
47-103-1396  
 STATE COUNTY PERMIT  
Was 1378

MAY 12 1986



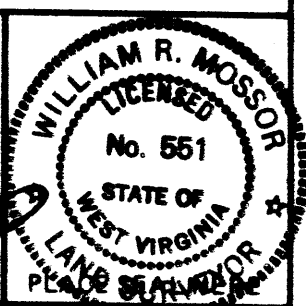


LATITUDE 39° 40'  
 16 LINES DOWN HAYNES RUN  
 N35°10'W 198'  
 N16°15'W 198'  
 N82°W 429'  
 N47°W 396'  
 N57°30'W 214.5'  
 N31°08'W 156.7'  
 N89°W 255.7'  
 N29°25'W 181.5'  
 N06°20'E 186.9'  
 N19°35'W 401.5'  
 N25°W 335.5'  
 N25°30'W 335.5'  
 N50°E 280.5'  
 N25°30'W 241.9'  
 N46°W 214.5'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



FILE NO. MB  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION HIGH PT. 1411' 1650' NE 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 16 DECEMBER 1985  
 OPERATOR'S WELL NO. MARTHA NICE #9  
 API WELL NO. \_\_\_\_\_  
47 - 103 - 1378  
 STATE COUNTY PERMIT  
see 1396

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 1274' WATER SHED WILLIAMS RUN  
 DISTRICT MAGNOLIA 6 COUNTY NETZEL  
 QUADRANGLE NEW MARTINSVILLE 7 1/2' 309 091 E6  
 SURFACE OWNER JOHNNY NICE, ET AL. ACREAGE 426  
 OIL & GAS ROYALTY OWNER JOHNNY NICE, ET AL. LEASE ACREAGE 426  
 LEASE NO. \_\_\_\_\_ F \_\_\_\_\_

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 DESIGNATED AGENT ANDY BROWN  
 ADDRESS 204 UNION SQUARE #12 MARIETTA, OHIO 45750 ADDRESS BOX 32 READER, WV 26167



WR-35

RECEIVED  
MAY 04 1987

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

State of West Virginia  
DEPARTMENT OF ENERGY  
Oil and Gas Division

Date April 30, 1987  
Operator's  
Well No. Martha Nice # 9  
Farm Johnny Nice Heirs  
API No. 47-103-1378

WELL OPERATOR'S REPORT now 1396  
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: 1274' Watershed Williams Run  
District: Magnolia County Wetzel Quadrangle New Martinsville 7.5

COMPANY Clay Resources, Inc.  
ADDRESS 286 Front Street, Marietta, Ohio 45750  
DESIGNATED AGENT Andy Brown, Jr.  
ADDRESS Box 32, Reader, W. Va. 26167  
SURFACE OWNER Beulah Talkington, Et al  
ADDRESS Rt, 1 Box 45, New Martinsville, WV 26155  
MINERAL RIGHTS OWNER Same  
ADDRESS      
OIL AND GAS INSPECTOR FOR THIS WORK Mike Underwood  
ADDRESS Rt. 2, Box 135 Salem, W. Va. 26426  
PERMIT ISSUED 1/27/86  
DRILLING COMMENCED 12-12-86  
DRILLING COMPLETED 12-16-86

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	1544	1544	CTS
7			
5 1/2			
4 1/2		2989	200
3			
2			
Liners used			

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 3107 feet Rotary X / Cable Tools      
Water strata depth: Fresh N/A feet; Salt 1549 feet  
Coal seam depths: 1064 Is coal being mined in the area? NO

OPEN FLOW DATA

Producing formation Gordon Pay zone depth 2888-2898 feet  
Gas: Initial open flow 50 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 450 psig (surface measurement) after 24 hours shut in  
(If applicable due to multiple completion--)  
Second producing formation N/A 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)

MAY 11 1987

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

40 Lbs. Sand - Foam Frac  
 Gordon  
 20 Perfs. 2888-2898 .49 diameter

**RECEIVED**  
 MAY 04 1987

DIVISION OF OIL & GAS  
 DEPARTMENT OF ENERGY

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	2190	} So. well record as 1031396
Injun			2190	2248	
Sand & Shale			2248	2450	
Weir			2452	2528	
Sand & Shale			2528	2650	
Berea			2650	2662	
Sand & Shale			2662	2888	
✓ Gordon			2888	2898	
Sand & Shale			2898	3107	
TD			<u>3107</u>		

(Attach separate sheets as necessary)

Clay Resources, Inc.

Well Operator

By: Sandra L. Schaefer

Date: April 30, 1987

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."



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

40 Lbs. Sand - Foam Frac

20 Perfs. 2888-2898 .49 diameter

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DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

WELL LOG

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Injun			2190	2248	
Sand & Shale			2248	2450	
Weir			2452	2528	
Sand & Shale			2528	2650	
Berea			2650	2662	
Sand & Shale			2662	2888	
✓ Gordon			2888	2898	
Sand & Shale			2898	3107	
TD			<u>3107</u>		

(Attach separate sheets as necessary)

Clay Resources, Inc.

Well Operator

By:

Date:

April 30, 1987

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

103 1396 Frac

Issued 01/27/94

5632

1) Well Operator: COBHAM GAS INDUSTRIES, INC. 10/95 (6) 509

2) Operator's Well Number: J.M. NICE #9 3) Elevation: \_\_\_\_\_

4) Well type: (a) Oil  / or Gas  / Expired 01/27/96

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

Proposed Target Formation(s): BEREA<sup>395</sup>, WEIR, BIG INJUN, KEENER

Proposed Total Depth: 3107 feet

Approximate fresh water strata depths: N/A

8) Approximate salt water depths: 1549

9) Approximate coal seam depths: 1064

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

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor						
Fresh Water						
Coal	8 5/8			1544	1544	TO SURFACE
Intermediate						
Production	4 1/2			2989	2989	200 SKS
Tubing						
Liners						

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 CD  Agent  
(Type)

18617

130/3



1) Date: JANUARY 10, 1994  
2) Operator's well number  
J. M. NICE #9  
3) API Well No: 47 - 103 - 1396 - F  
State - County - Permit

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:

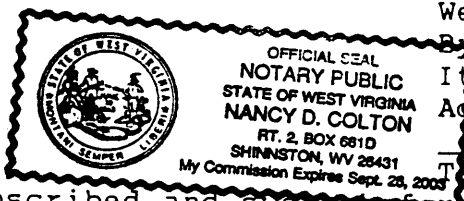
- \_\_\_ Personal Service (Affidavit attached)
- \_\_\_ Certified Mail (Postmarked postal receipt attached)
- \_\_\_ Publication (Notice of Publication attached)

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

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



1) Date: April 22, 1986  
 2) Operator's Well No. J. Martha Nice #9  
 3) API Well No. 47 103 ~~1396~~ 1396  
 State County Permit

RECEIVED  
MAY - 2 1986

STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY, OIL AND GAS DIVISION  
 DIVISION OF OIL & GAS  
 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: 1274' Watershed: Williams Run  
 District: Magnolia County: Wetzel Quadrangle: New Martinsville
- 6) WELL OPERATOR Clay Resources CODE: 10025 7) DESIGNATED AGENT Andy Brown  
 Address 286 Front Street Address Box 32  
 Marietta, OH 45750 Reader, WV 26167
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Don Ellis Name Unknown  
 Address 2604 Crab Apple Lane Address \_\_\_\_\_  
 Fairmont, WV 26554
- 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, 3100' feet  
 13) Approximate strata depths: Fresh, 424 feet; salt, 2253' feet.  
 14) Approximate coal seam depths: 1484' Is coal being mined in the area? Yes \_\_\_\_\_ / No
- 15) CASING AND TUBING PROGRAM Permit # 103-0611

CASING OR TUBING TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS		
	Size	Grade	Weight per ft.	New	Used				
Conductor						454*	454' *	CTS	Kinds Per rule 15.05
Fresh water	8 5/8					1474'	1474	CTS	Per rule 15.05
Coal									Sizes
Intermediate									
Production	4 1/2					3100' appr.	3100' appr.	500+ SKS	Depths set per rule 15.01
Tubing									
Lin.									Perforations:
									Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-103-1396 Date May 5 1986

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 May 5, 1988 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <i>ALB</i>	Plat: <i>AS</i>	Casing: <i>AS</i>	Fee: 2069	WPCP: <i>AS</i>	S&E: <i>AS</i>	Other:
---	-------------------	-----------------	-------------------	-----------	-----------------	----------------	--------

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

*John W. Johnston by Margaret J. Hesse*  
 Director, Division of Oil and Gas File

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