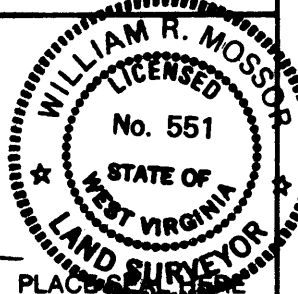


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. MB11-9, 12, 13
 DRAWING NO. _____
 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION ROAD INT. ST. (IN MARSHALL CO.)

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 ENERGY.
 (SIGNED) William R. Mossor
 R.P.E. _____ L.L.S. 551



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE 24 NOVEMBER, 19 86
 OPERATOR'S WELL NO. WOODS-LOU #3
 API WELL NO. 47-103-1415-F
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 638' WATER SHED PROCTOR CREEK
 DISTRICT PROCTOR COUNTY NETZEL
 QUADRANGLE NEW MARTINSVILLE 712' N12
 SURFACE OWNER ROBERT W. WOODS ACREAGE 12.31
 OIL & GAS ROYALTY OWNER ROBERT W. WOODS, ET AL. LEASE ACREAGE 91

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'

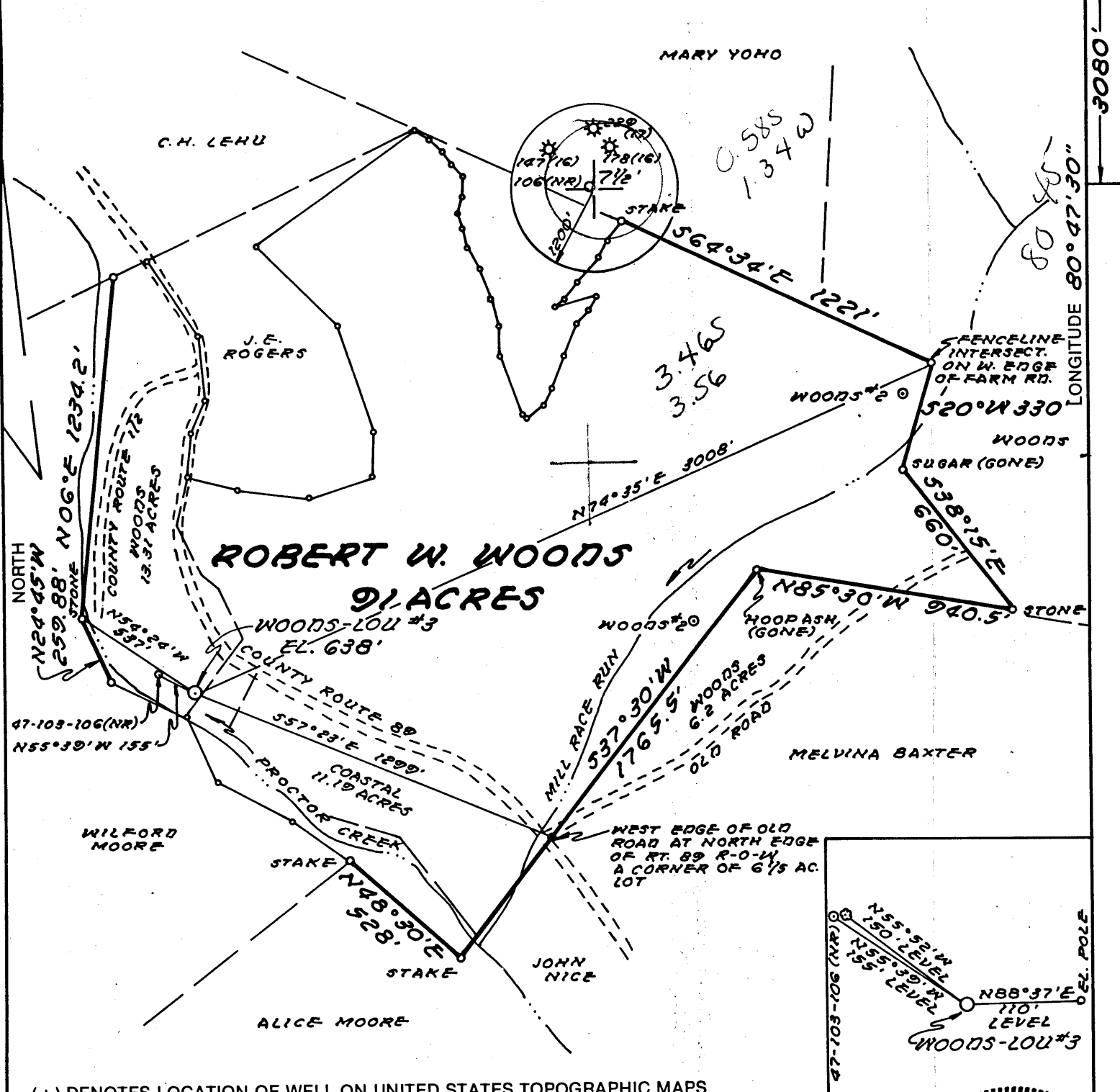
Cobham GAs Industrids, Inc.
 P.O. Box 1293
 Bridgeport, WVa. 26330-1293

Alan D. Anderson
 Same Address
 PH: 304-842-9256

COUNTY NAME NETZEL
 PERMIT 1415

12/18/86

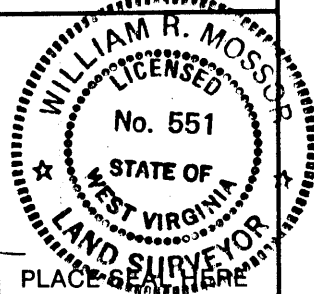
7100' 39' 45" LATITUDE 39° 42' 30" LONGITUDE 80° 47' 30"



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

FILE NO. MB11-9, 12, 13
 DRAWING NO. _____
 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION ROAD INT. 675' (IN MARSHALL CO.)

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 ENERGY.
 (SIGNED) William R. Mossop
 R.P.E. _____ L.L.S. 551



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE 24 NOVEMBER, 1986
 OPERATOR'S WELL NO. WOODS-LOU#3
 API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 638' WATERSHED PROCTOR CREEK
 DISTRICT PROCTOR 7 COUNTY WETZEL
 QUADRANGLE NEW MARTINSVILLE 7 1/2' 509 091 NE 3
 SURFACE OWNER ROBERT W. WOODS ACREAGE 13.31
 OIL & GAS ROYALTY OWNER ROBERT W. WOODS, ET AL. LEASE ACREAGE 91
 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'
 WELL OPERATOR CLAY RESOURCES DESIGNATED AGENT ANDY BROWN
 ADDRESS 286 FRONT STREET ADDRESS P.O. BOX 32
MARIETTA, OHIO 45750 172 READER, WV 26170

JAN 12 1987

FORM WW-6 H.T. HALL 48673

COUNTY NAME PERMIT

L. D. Cannon, Garner (23)

JUL 28 1997

State of West Virginia Division of Environmental Protection Section of Oil and Gas

Permitting Office of Oil & Gas

Well Operator's Report of Well Work

Farm name: WOODS, ROBERT W. Operator Well No.: WOODS #3

LOCATION: Elevation: 638.00 Quadrangle: NEW MARTINSVILLE

District: PROCTOR County: WETZEL
Latitude: 3080 Feet South of 39 Deg. 42Min. 30 Sec.
Longitude 7100 Feet West of 80 Deg. 47 Min. 30 Sec.

Company: COBHAM GAS INDUSTRIES, IN
231 DAVIS ST. P O BOX 1293
BRIDGEPORT, WV 00002-6330

Agent: ALAN D. ANDERSON

Inspector: RANDAL MICK
Permit Issued: 10/10/95
Well work Commenced: 10/12/95
Well work Completed: 10/12/95
Verbal Plugging
Permission granted on:
Rotary Cable Rig
Total Depth (feet)
Fresh water depths (ft)

Salt water depths (ft)

Is coal being mined in area (Y/N)
Coal Depths (ft):

Table with 4 columns: Casing & Tubing Size, Used in Drilling, Left in Well, Cement Fill Up Cu. Ft. Rows include 8 5/8 and 4 1/2 sizes.

OPEN FLOW DATA

Producing formation frac Big Injun Pay zone depth (ft) 1414-1426
Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow show MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 24 Hours
Static rock Pressure 100 psig (surface pressure) after 48 Hours

Second producing formation Pay zone depth (ft)
Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d
Final open flow MCF/d Final open flow Bbl/d
Time of open flow between initial and final tests Hours
Static rock Pressure psig (surface pressure) after Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: COBHAM GAS INDUSTRIES, INC.

By: [Signature]
Date: 5/16/97

Frac Big Injun; 1414 - 26 (12 shots); 20,000 lb. 20/40 Sand; 1250 gal. HCL;
40,000 scf N₂



WR-35

RECEIVED
MAY 04 1987

State of West Virginia

DEPARTMENT OF ENERGY
Oil and Gas Division

Date April 30, 1987

Operator's

Well No. Woods/Lou # 3

Farm Robert Woods et al

API No. 47 - 103 - 1415

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

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: 638' Watershed Proctor Creek
District: Proctor County Wetzel Quadrangle New Martinsville 7.5

COMPANY Clay Resources, Inc.
ADDRESS 286 Front Street, Marietta, Ohio 45750
DESIGNATED AGENT Andy Brown, Jr.
ADDRESS P.O. Box 32, Reader, W. Va. 26167
SURFACE OWNER Robert Woods et al
ADDRESS Box 52, Rt 2, 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 1-6-87
DRILLING COMMENCED 1-21-87
DRILLING COMPLETED 1-25-87
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	911	911	CTS
7			
5 1/2			
4 1/2		2325	200
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Gordon Depth 2500 feet
Depth of completed well 2360 feet Rotary x / Cable Tools
Water strata depth: Fresh 50 feet; Salt 913 feet
Coal seam depths: 418 Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Gordon Pay zone depth 2224-2244 feet
Gas: Initial open flow 15 Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow 3 Mcf/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 24 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.

40,000 Lbs. Sand Foam Frac

20 perfs 2224-2244 .49 diameter

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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	1554	
Injun			1554	1630	
Sand & Shale			1630	1782	
Weir			1782	1845	
Sand & Shale			1845	1980	
Berea			1980	1994	
Sand & Shale			1994	2220	
✓ Gordon			2220	2244	
Sand & Shale			2244	2360	
TD			<u>2360</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."

OCT 10 1995

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

Permitting
 Office of Oil & Gas

Well Operator: 5632 Colman Gas Industries, Inc. 10195 ⑦ 509

Operator's Well Number: Woods-hew #3 3) Elevation: 638

Well type: (a) Oil ___ / or Gas
 (b) If Gas: Production Undergound Storage ___
 Deep ___ 355 Shallow

Issued 10/10/95
 Expires 10/10/97

Proposed Target Formation(s): Keener (Re-work)

Proposed Total Depth: 1410 feet

7) Approximate fresh water strata depths: 50'

8) Approximate salt water depths: 913

9) Approximate coal seam depths: 418

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

11) Proposed Well Work: Squeeze Cement across Keener; Perforate & Test Keener

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	8 5/8	ERW	20	911	911	240 sks
Coal	8 5/8	ERW	20	911	911	240 sks
Intermediate						
Production	4 1/2	J-55	9.5	2360	2325	205 sks
Tubing						
Liners						

Estimated 10/200

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 _____ Agent
 (Type)

002040
 43

RECEIVED
WV Division of
Environmental Protection

Surface Owner Copy **OCT 10 1995**

- 1) Date: Oct. 6, 1995
- 2) Operator's well number Woods-hou #3
- 3) API Well No: 47 - 103 - 1415 - 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 Robert W. Woods
 - Address Rt. 7
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 Randy Mick
- Address Martinsville, WV 26152
- Telephone (304) - 986-3334

- (c) Coal Lessee with Declaration
 - Name N/A
 - Address _____

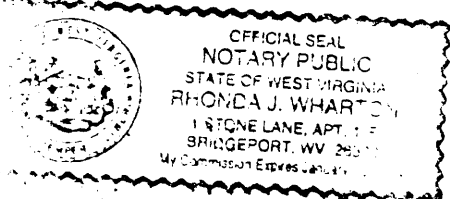
TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
 _____ 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)

INSTRUCTIONS TO SURFACE OWNERS NAMED ABOVE
(Continued on Reverse)

The well operator named below is applying for a permit from the State to do oil or gas well work. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22B of the West Virginia Code. Well work permits are valid for 24 months.



Well Operator Gublynn Gas Industries, Inc
 By: [Signature]
 Its: _____
 Address P.O. Box 1293
Bechtel, WV 26300
 Telephone (304) 943-9290

Subscribed and sworn before me this 9th day of October, 1995

Rhonda J. Wharton Notary Public
 My commission expires January 15, 2004

05



FORM WW-2(B) FILE COPY
RECEIVED
DEC 18 1988

1) Date: December 4, 1986
2) Operator's Well No. Woods-Lou #3
3) API Well No. 47 103 -1415
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: 638' / Watershed: Proctor creek / 508
District: Proctor 1727 / County: Wetzel 103 / Quadrangle: New Martinsville, 7 1/2'
6) WELL OPERATOR Clay Resources, Inc. CODE: 10025 / 7) DESIGNATED AGENT Andy Brown
Address 286 Front Street / Address Box 32
Marietta, Ohio 45750 / Reader, WV 26167
8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Mike Underwood / 9) DRILLING CONTRACTOR: Name N/A
Address Route 2, Box 135 / Address
Salem, WV 26426
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 19
12) Estimated depth of completed well, 3100' feet
13) Approximate trata depths: Fresh, -- feet; salt, 1617 feet.
14) Approximate coal seam depths: 438' / 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									
Fresh water	8 5/8					468'	468	CTS Per Rule 15.05	Sizes
Coal									
Intermediate									
Production	4 1/2					3100 approx.	3100 approx.	310 SKS OR AS REQUIRED	Depths set per rule 15.01
Tubing									
Lin.									Perforations: Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-103-1415 / January 6 19 87
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 January 6, 1989 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <input checked="" type="checkbox"/>	Plat: <input checked="" type="checkbox"/>	Casing: <input checked="" type="checkbox"/>	Fee: 4200 161	WBCP: <input checked="" type="checkbox"/>	SEI: <input checked="" type="checkbox"/>	Other: <input type="checkbox"/>
---	--	---	---	------------------	---	--	---------------------------------

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

Director, Division of Oil and Gas

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