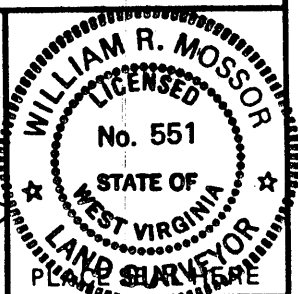


FILE NO. MB8-5
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION HIGH PT. 1293' 3750' NW OF LOC.

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 4 MAY, 19 86
 OPERATOR'S WELL NO. RINA #5
 API WELL NO. _____
47 - 103 - 1402
 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 1245' WATER SHED PROCTOR CREEK
 DISTRICT PROCTOR 7 COUNTY WETZEL
 QUADRANGLE NEW MARTINSVILLE 7 1/2' 509 091 N E 3
 SURFACE OWNER RAYMOND PRIBBLE ACREAGE 194
 OIL & GAS ROYALTY OWNER RAYMOND PRIBBLE LEASE ACREAGE 194
 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 JUL 7 1986
 ADDRESS 286 FRONT STREET 172 ADDRESS P.O. BOX 32
MARIETTA, OHIO 45750 READER, WV 26167



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. Rina # 5
Farm Raymond Pribble
API No. 47 - 103 - 1402

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: 1245' 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 Raymond Pribble
ADDRESS Rt 1, Box 85, 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 6/27/86
DRILLING COMMENCED 12/17/86
DRILLING COMPLETED 12/20/86
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	1483	1483	
7			
5 1/2			
4 1/2		2966	
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Gordon Depth 3100 feet
Depth of completed well 3000 feet Rotary x / Cable Tools
Water strata depth: Fresh N/A feet; Salt 1520 feet
Coal seam depths: 1035 Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Gordon Pay zone depth 2848-2858 feet
Gas: Initial open flow 20 Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow 17 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 Lb Sand Foam Frac

20 Perfs 2848-2858 .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	2161	
Injun			2161	2219	
Sand & Shale			2219	2397	
Weir			2397	2437	
Sand & Shale			2437	2583	
Berea			2583	2587	
Sand & Shale			2587	2848	
Gordon			2848	2860	
Sand & Shale			2860	3000	
TD			3000		

(Attach separate sheets as necessary)

Clay Resources, Inc.

Well Operator

By: Sandra L. Schopf

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."



1) Date: May 20, 1986
 2) Operator's Well No. Rina # 5
 3) API Well No. 47 103 -1402
 State County Permit

7/85
RECEIVED
JUN 23 1986

STATE OF WEST VIRGINIA

DEPARTMENT OF ENERGY, OIL AND GAS DIVISION

APPLICATION FOR A WELL WORK PERMIT

DIVISION OF OIL & GAS
DEPT. OF ENERGY

4) WELL TYPE: A Oil Gas
 B (If "Gas", Production Underground storage Deep Shallow)

5) LOCATION: Elevation: 1245 Watershed: Proctor Creek
 District: Proctor 172 7 County: Wetzel Quadrange: New Martinsville 7 508

6) WELL OPERATOR Clay Resources, Inc 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 Name Don Ellis MIKE UNDERWOOD
 Address 2604 Crab Apple Lane 782-1043 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) Gordon 419

11) GEOLOGICAL TARGET FORMATION, _____
 12) Estimated depth of completed well, 3100 feet
 13) Approximate trata depths: Fresh, ~643 feet; salt, 3045, ~1634 feet.
 14) Approximate coal seam depths: 2035 ~868 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	Kinds		Sizes	
Conductor											
Fresh water	8 5/8					1400'	1400'	CTS		Per rule	15.05
Coal											
Intermediate								500+SKS			
Production	4 1/2					3100' apprx	3100' apprx.	XXXXXXXXXX		Depths set	per rule 15.01
Tubing											
Lin.										Perforations:	
										Top	Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-103-1402 Date June 27 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 June 27, 1988 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <u>AB</u>	Plat: <u>AS</u>	Casing: <u>AS</u>	Fee: <u>2386</u>	WPCP: <u>AS</u>	S&E: <u>AS</u>	Other: _____
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NOTE: Keep one copy of this permit posted at the drilling location.
John H. Johnston
 Director, Division of Oil and Gas

See the reverse side of the APPLICANT'S COPY for instructions to the well operator. Margaret K. Hesse File