



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION TOP OF HILL
1293'

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 APRIL 20, 19 85
 OPERATOR'S WELL NO. RINA #1
 API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 1322' WATERSHED BRANCH OF HAYNES RUN
 DISTRICT PROCTOR COUNTY WETZEL
 QUADRANGLE NEW MARTINSVILLE 7.5' 509 091 NE3
 SURFACE OWNER BENJAMIN B. PRIBBLE ACREAGE 193.83 ACRES
 OIL & GAS ROYALTY OWNER BENJAMIN B. PRIBBLE LEASE ACREAGE 193.83 ACRES

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, INC. DESIGNATED AGENT ANDY BROWN
 ADDRESS 204 UNION SQUARE ADDRESS P.O. BOX 32
MARIETTA, OHIO 45750 READER, WV 26167

MAY 06 1985



WR-35

FEB 21 1986

State of West Virginia
DEPARTMENT OF ENERGY
Oil and Gas Division

Date February 17, 1986
Operator's Well No. Rina #1
Farm Raymond Pribble
API No. 47 - 103 - 1346

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: 1322 Watershed Branch of 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 26167
SURFACE OWNER Raymond Pribble
ADDRESS Rt. #1, Box 85, New Martinsville, WV
MINERAL RIGHTS OWNER SAME
ADDRESS
OIL AND GAS INSPECTOR FOR THIS WORK Robert Lowther
General Delivery ADDRESS Middlebourne, WV 26149
PERMIT ISSUED May 2, 1985
DRILLING COMMENCED May 13, 1985
DRILLING COMPLETED July 20, 1985
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		1390	170 sx
7			
5 1/2			
3 1/2		2965	120 sx
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Gordon Depth 3500 feet
Depth of completed well 3014 feet Rotary X / Cable Tools
Water strata depth: Fresh feet; Salt 2301 feet
Coal seam depths: 1112 Is coal being mined in the area? NO

OPEN FLOW DATA

Producing formation Gordon Pay zone depth 2920-2932 feet
Gas: Initial open flow 30 Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow (20) Mcf/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 72 hours
Static rock pressure 330 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)

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

Perforated: 20 Shots: 2905 to 2910
 10 shots: 2905 to 2910

FRACD: Gell H₂O sand frac w/N₂ assist:

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	600	
shale & limestone			600	1384	
shale, limestone, redrock			1384	1450	
shale, limestone			1450	2200	
shale			2200	2600	
sand & shale			2600	2650	Usher: 2300-2307 Squaw: 2500-2510 Berea: 2670-2682 gordon 2920-2932
sand			2650	2700	
sand & shale			2700	2850	
shale			2850	3014	

(Attach separate sheets as necessary)

CLAY RESOURCES, INC.

Well Operator

By: Sandra L. Schaefer, 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 ~~minerals~~, encountered in the drilling of a well."

MAY - 2 1985



1) Date: April 30, 19 85
 2) Operator's Well No. #1 - Rina
 3) API Well No. 47 103-1346
 State County Permit

OIL & GAS DIVISION
 DEPT. OF MINES
 STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production / Underground storage _____ / Deep _____ / Shallow _____)
 5) LOCATION: Elevation: 1322 Watershed: Branch of Haynes Run
 District: Proctor County: Wetzel Quadrangle: New Martinsville 7.5'
 6) WELL OPERATOR Clay Resources, Inc.
 Address 204 Union Square
Marietta, OH 45750 10025
 7) DESIGNATED AGENT Andrew C. Brown
 Address Box 32
Reader, WV 26167
 8) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Robert Lowther
 Address General Delivery
Middlebourne, WV 26149
 9) DRILLING CONTRACTOR:
 Name Bernard Leister
 Address Star Route
Reno, OH 45773
 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, 3500 feet
 13) Approximate strata 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	8 5/8					1030'	1030'	CTS	Per rule 15.05
Coal									Sizes
Intermediate									
Production	4 1/2					3500'	3500'	500 + SKS	Depths set Per rule 15.01
Tubing									
Liners									Perforations: Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-103-1346

May 2 1985
 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 May 2 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>38</u>	Agent: <input checked="" type="checkbox"/> <u>MLJ</u>	Plat: <u>MLJ</u>	Casing <u>MLJ</u>	Fee <u>451</u>
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Margaret J. Hass
 Administrator, Office 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.