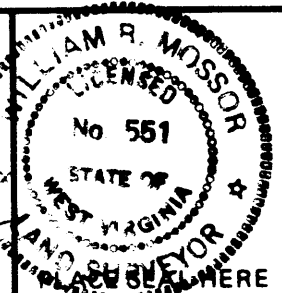


FILE NO. MB4-2
 DRAWING NO. _____
 SCALE 1"=1000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION 47-103-1361 BRYAN #1-1350'

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 25 OCTOBER, 19 85
 OPERATOR'S WELL NO. H. NICE 3
 API WELL NO. 47-103-1371
 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 1315' WATER SHED HAYNES RUN
 DISTRICT PROCTOR 7 COUNTY WETZEL
 QUADRANGLE NEW MARTINSVILLE 509 091 NE3
 SURFACE OWNER JUDY M. LONG ACREAGE 200
 OIL & GAS ROYALTY OWNER HARRY L. NICE LEASE ACREAGE 200
 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 172 ESTIMATED DEPTH 3500'
 WELL OPERATOR CLAY RESOURCES DESIGNATED AGENT ANDY BROWN
 ADDRESS 204 UNION SQUARE MARIETTA, OHIO 45750 ADDRESS P.O. BOX 32 READER, W.VA. 26167

NOV 12 1985



FEB 21 1986

State of West Virginia
DEPARTMENT OF ENERGY
Oil and Gas Division

Date February 18, 1986
Operator's Well No. H. Nice #3
Farm Judy M. Long
API No. 47 - 103 - 1371

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: 1315 Watershed Haynes Run
District: Proctor County Wetzel Quadrangle New Martinsville

COMPANY Clay Resources, Inc.
ADDRESS 204 Union Square, Marietta, OH 45757
DESIGNATED AGENT Andy Brown
ADDRESS Box 32, Reader, WV 26167
SURFACE OWNER Judy Long
ADDRESS 230 Lang Drive, New Martinsville, WV 26155
MINERAL RIGHTS OWNER SAME
ADDRESS
OIL AND GAS INSPECTOR FOR THIS WORK Robert Lowther
General Delivery ADDRESS Middlebourne, WV
PERMIT ISSUED October 31, 1985
DRILLING COMMENCED December 3, 1985
DRILLING COMPLETED December 8, 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		1628	389 Sx.
7			
5 1/2			
4 1/2		3070	200 sx
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Gordon Depth 3500 feet
Depth of completed well 3050 feet Rotary X / Cable Tools
Water strata depth: Fresh feet; Salt 3030 feet
Coal seam depths: 2840 Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Gordon Pay zone depth 2904-2920 feet
Gas: Initial open flow 25 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 300 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.

PERFORATED: 20 Shots: 2895 to 2917

FRAC: N₂: 1,300,000 SCF, N₂ : Broke @ 2400#:

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	560	
shale & limestone			560	1344	
shale, limestone, redrock			1344	1410	
shale, limestone			1410	2160	
shale			2160	2560	Weir: 2554-2586
sand & shale			2560	2610	
sand			2610	2670	1st Berea: 2656-2662
sand & shale			2670	2810	
shale			2810	<u>3050</u>	Gordon: 2904-2920

(Attach separate sheets as necessary)

CLAY RESOURCES, INC.

Well Operator

By: Sandra L. Sebr... V.Pres. Operations

Date: February 18, 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 during the drilling of a well."



1) Date: October 29, 1985
 2) Operator's Well No. H. Nice #3
 3) API Well No. 47 103-1371
 State County Permit

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

RECEIVED
 OCT 31 1985

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production / Underground storage / DEPARTMENT OF OIL & GAS / DEPARTMENT OF ENERGY)
 5) LOCATION: Elevation: 1315' Watershed: Haynes Run District: Proctor 172 County: Wetzel Quadrangle: New Martinsville
 6) WELL OPERATOR Clay Resources, Inc CODE: 10025 7) DESIGNATED AGENT Andy Brown
 Address 204 Union Square Address Box 32
Marietta, OH 45750 Reader, WV 26167
 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Robert Lowther 9) DRILLING CONTRACTOR: Name Unknown
 Address General Delivery Address _____
Middlebourne, WV 26149
 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 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									
Lin...									Perforations:
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number: 47-103-1371 Date: October 31 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 October 31, 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>MX MN 1249</u>	Casing	Fee	WPCP	S&E	Other
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NOTE: Keep one copy of this permit posted at the drilling location.

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.