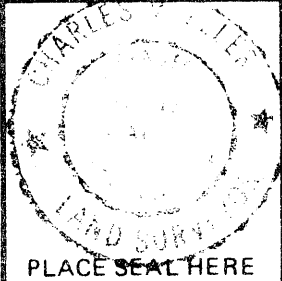


FILE NO. _____
 DRAWING NO. _____
 SCALE 1 IN. = 400 FT.
 MINIMUM DEGREE OF ACCURACY ONE PART IN 2500
 PROVEN SOURCE OF ELEVATION B.M. L 122

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) Charles V. Eller
 R.P.E. _____ L.L.S. No. 39



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)

DATE SEP. 2, 1980
 OPERATOR'S WELL NO. _____
 API WELL NO. 47-051-0675
 STATE MARSHALL 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 788' WATER SHED LITTLE GRAVE CREEK
 DISTRICT WASHINGTON COUNTY MARSHALL
 QUADRANGLE MOUNDSVILLE W.V. CAMERON 15' NW
 SURFACE OWNER ALFRED OTTE ESTATE ACREAGE 50.08
 OIL & GAS ROYALTY OWNER Alfred Otte Estate LEASE ACREAGE 130
 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 Sandstone ESTIMATED DEPTH 2700'
 WELL OPERATOR Universal Minerals, Inc. DESIGNATED AGENT David H. Core
 ADDRESS P.O. Box 29192 Columbus, Ohio 43229 ADDRESS 1009 Jefferson Ave. Moundsville, W.Va. 26041
 DATE SEP 4 7 1980

RECEIVED
SEP 18 1980

FORM IV-2
(Obverse)
[08-78]

Date: September 10, 1980

Operator's Well No. Otte #1

API Well No. 47-051-0675
State County Permit

OIL & GAS DIVISION
DEPT. OF MINES
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil X / Gas X /
(If "Gas", Production X / Underground storage _____ Deep _____ Shallow X /)
LOCATION: Elevation: 788' Watershed: Little Grave Creek
District: Washington County: Marshall Quadrangle: Moundsville, W. VA.

WELL OPERATOR Universal Minerals, Inc.
Address P.O. Box 29192
Columbus, Ohio 43229

DESIGNATED AGENT David M. Core
Address 1009 Jefferson Avenue
Moundsville, W. VA. 26041

OIL & GAS ROYALTY OWNER Thomas L. & Betty G. Otte
Hubert C. & Jane F. Otte
Joseph R. & Thelma G. Otte
Address 1602 Little Grave Creek Rd.
Glen Dale, W. VA.

COAL OPERATOR None-mined out
Address _____

Acres 130.00
SURFACE OWNER Alfred Otte Estate
Address 1602 Little Grave Creek Rd.
Glen Dale, W. VA.

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Pitts Plate Glass, P.P.G. Inds.
Address 1 Gateway Center
Pittsburg, Pa. 15222

Acres 50.08
FIELD SALE (IF MADE) TO:
Name None
Address _____

Name The Valley Camp Coal Co.
Address P.O. Box 218
Tridelpia, W. Va. 26059

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Phillip L. Tracy
Address P.O. Box 173
Middlebourne, W. VA. 26149

COAL LESSEE WITH DECLARATION ON RECORD:
Name The Valley Camp Coal Co.
Address P.O. Box 218
Tridelpia, W. Va. 26059

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ____/ lease ____/ other contract X / dated August 26, 1980, to the undersigned well operator from Warren Explorations, Inc. (unrecorded agreement).

[If said deed, lease, or other contract has been recorded:]
Recorded on _____, 19____, in the office of the Clerk of the County Commission of _____ County, West Virginia, in _____ Book _____ at page _____. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill deeper ____/ Redrill ____/ Fracture or stimulate X /
Plug off old formation ____/ Perforate new formation X /
Other physical change in well (specify) _____

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS
CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (606) 542-3102

SECRET BOND

Universal Minerals, Inc.
Well Operator

By James Humphrey
Its President

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) _____

Address _____

GEOLOGICAL TARGET FORMATION, Gordon Sandstone

Estimated depth of completed well, 2700 feet Rotary Cable tool _____

Approximate water strata depths: Fresh, 50 feet; salt, 1200 feet.

Approximate coal seam depths: 300' Is coal being mined in the area? Yes _____ No

CASING AND TUBING PROGRAM

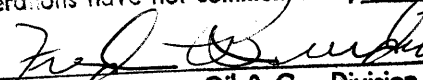
CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cust. feet)	REMARKS
	Size	Grade	Weight per ft.	New	Used	For drilling		
Conductor	12"				X	30'	0	Stems
Fresh water								
Coal	8 5/8"		23	X		350'	350'	to surface
Intermediate								
Production	4 1/2"		10.5	X		2700'	2700'	150 sks.
Tubing								
Liners								Perforations
								Top of casing

NOTE: Regulation 2.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-3, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if necessary, the consent required by Code § 22-4-3a from the owner of any water well or existing within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling _____. This permit shall expire if operations have not commenced by 5-24-81.


Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator _____ / owner _____ / lessee _____ of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned and no object to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____, 19____

By _____

Its _____

Survey