

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION EL. AT INT. OF RT. 20/27 AND FARM ROAD ELEVATION 1075'

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) Donald L. Maden
 R.P.E. _____ L.L.S. 530

PLACE SEAL HERE

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



DATE AUGUST 21st 19 80
 OPERATOR'S WELL NO. J-245
 API WELL NO. 47-033-2464
 STATE 47 COUNTY 033 PERMIT 2464

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1210' WATER SHED JAKE RUN TO LITTLE TENMILE CREEK
 DISTRICT SARDIS COUNTY HARRISON
QUADRANGLE WALLACE 7.5' CLARKSBURG 15' WC
 SURFACE OWNER EARL G. LAKE ACREAGE 44 Ac.
 OIL & GAS ROYALTY OWNER DESSEL YEATER LEASE ACREAGE 44 Ac.
 LEASE NO. M-357
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON ___ CLEAN OUT AND REPERING ___
 TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5400 5500
 WELL OPERATOR J. AND J. ENTERPRISES, INC. DESIGNATED AGENT HARRY BARNETT
 ADDRESS P.O. BOX 48 ADDRESS P.O. BOX 48
BUCKHANNON, WEST VIRGINIA 26201 BUCKHANNON, WEST VIRGINIA 26201

SEP 23 1980

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. J-245
API Well No. 47-033-2464
State County Per

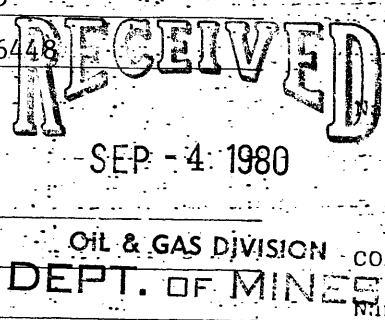
WELL TYPE: Oil / Gas /
(If "Gas", Production / Underground storage / Deep / Shallow /)
LOCATION: Elevation: 1210 Watershed: Jake Run to Little-Tennile Creek
District: Sardis County: Harrison Quadrangle: Wallace 7.5'

WELL OPERATOR J. & J. Enterprises Inc. DESIGNATED AGENT H. L. Barnett
Address P. O. Box 48 Address P. O. Box 48
Buckhannon, WV 26201 Buckhannon, WV 26201

OIL & GAS ROYALTY OWNER Dessel Yeater / Earl Lake COAL OPERATOR _____
Address 639 Washington Ave. / Rt. 1 Box 365 Address _____
Clarksburg, WV 26301 / Wallace, WV 26448

Acreage 44 COAL OWNER(S) WITH DECLARATION ON RECORD: _____
SURFACE OWNER Earl & Fay Lake Name Willis G. Tetrick
Address Rt. 1 Box 365 Address Union National Bank Plaza
Wallace, WV 26448 Clarksburg, WV 26301

Acreage 44 FIELD SALE (IF MADE) TO: _____
Name _____ Address _____
Address _____



COAL LESSEE WITH DECLARATION ON RECORD: _____
Name Pittston Coal Co.
Address _____

OIL & GAS INSPECTOR TO BE NOTIFIED: _____
Name Paul Garrett Address Wellington Heights
Address 321 Beech St. Philippi, WV 26416
Clarksburg, WV 26301

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract / dated December 4, 1979, to the undersigned well operator from Clarence W. Mutschelknaus

If said deed, lease, or other contract has been recorded:]
recorded on April 7, 1980, in the office of the Clerk of the County Commission of Harrison County, West Virginia, in oil & gas lease Book 1090 at page 161. A permit is requested as follows:

PROPOSED WORK: Drill / Drill deeper / Redrill / Fracture or stimulate /
Plug off old formation / Perforate new formation /
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 § 22-2-3 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 plan 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
115 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 585-3097

BLANKET BOND

J. & J. Enterprises Inc.
Well Operator
Peter Battles
Peter Battles
Geologist

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) S. W. Jack Drilling Co.

Address P. O. Box 48
Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION, Alexander

Estimated depth of completed well, 5500 feet Rotary / Cable tools /

Approximate water strata depths: Fresh, 150 feet; salt, 1570 feet.

Approximate coal seam depths: 140, 400, 690 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 (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor	11 3/4	H-40	42	X		30	0	0 sks	Kinds None
Fresh water	8 5/8	ERW	23	X		1625	1625	410 sks	
Coal	8 5/8	ERW	23	X		1625	1625	410 sks	Sizes
Intermediate									
Production	4 1/2	J-55	10.5	X		5500	5500	350 sks	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

NOTE: Regulation 7.02 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-9, "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 applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

A separate Form IV-2 must 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 all provisions being in accordance with Chapter 22, in connection therewith.

of the W. Va. Code, the location is hereby approved

for drilling. This permit shall expire if

operations have not commenced by 5-9-81

John B. Smith
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 has no objection 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.

cc: 9-3, 1980

By Earlie Delong
Its Chief Eng.

Handwritten signature