



1) Date: MAY 23, 19 84
 2) Operator's Well No. JK-988
 3) API Well No. 47 - 095 - 1080
 State County Permit

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

- 4) WELL TYPE: A Oil / Gas X
 B (If "Gas", Production X / Underground storage / Deep / Shallow X)
 5) LOCATION: Elevation: 1015' Watershed: BIG RUN (OMI 37)
 District: CENTERVILLE County: TYLER Quadrangle: PENNSBORO 7.5'
 6) WELL OPERATOR J & J ENTERPRISES, INC.
 Address P.O. BOX 48
BUCKHANNON, WV 26201
 7) DESIGNATED AGENT RICHARD M. REDDECLIFF
 Address P.O. BOX 48
BUCKHANNON, WV 26201
 8) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name ROBERT A. LUTHER
 Address GENERAL DELIVERY
MIDDLEBOURNE, WV 26149
 9) DRILLING CONTRACTOR:
 Name S.W. JACK DRILLING CO.
 Address P.O. BOX 48
BUCKHANNON, WV 26201
 10) PROPOSED WELL WORK: Drill X / Drill deeper / Redrill / Stimulate X
 Plug off old formation / Perforate new formation
 Other physical change in well (specify)

- 11) GEOLOGICAL TARGET FORMATION, ALEXANDER
 12) Estimated depth of completed well, 5300' feet
 13) Approximate trata depths: Fresh, 80' feet; salt, N/A feet.
 14) Approximate coal seam depths: 650' - 651' Is coal being mined in the area? Yes No X

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	11 3/4	P-40	42	X		30	0	0 Sacks	Kind: <u> </u>
Fresh water	8 5/8	ERW	23	X		1115'	1115'	To surface	<u>VRAT</u>
Coal	8 5/8	ERW	23	X		1115'	1115'	To surface	Sizes <u> </u>
Intermediate									
Production	4 1/2	J-55	10.5	X		5200'	5200'	225 Sacks	Depths set <u> </u>
Tubing								or as required by Rule 15-01	
Liners									Perforations: <u> </u>
									Top <u> </u> Bottom <u> </u>

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-095-1080 Date June 12, 19 84

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 12, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>MU</u>	Plat: <u>MU</u>	Casing: <u>MU</u>	Fee: <u>1558</u>
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[Signature]
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

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