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JAN 9 1985



1) Date: November 9, 1984
2) Operator's Well No.: JK-1046
3) API Well No.: 47-017-3401
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
B (If "Gas", Production Undergrnd storage Deep Shallow
5) LOCATION: Elevation: 1002' Watershed: Long Run
District: Central County: Doddridge
6) WELL OPERATOR: J & J Enterprises, Inc. Quadrangle: West Fork
Address: P.O. Box 48 7) DESIGNATED AGENT: Richard Reddecliff
P.O. Box 48
Buckhannon, WV 26201
8) OIL & GAS INSPECTOR TO BE NOTIFIED: Name: S.W. Jack Drilling Co.
Address: Rt. 2 Box 114 P.O. Box 48
Salem WV. 26426 Buckhannon, WV 26201

10) PROPOSED WELL WORK: Drill deeper Redrill Stimulate
Plug off old formation Perforate new formation
Other physical change in well (specify):

11) GEOLOGICAL TARGET FORMATION: Alexander

12) Estimated depth of completed well, 5450' feet

13) Approximate true depths: Fresh, 175' feet; salt, N/A

14) Approximate coal seam depths: N/A 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.	For drilling	Left in well		
Conductor	11 3/4	H-40	42	X	285'	0 SACKS	
Fresh water	8 5/8	ERW	23	X	1402'	To Surface	By rule 15.05
Coal	8 5/8	ERW	23	X	1402'	To Surface	By rule 15.05
Intermediate							
Production	4 1/2	J-55	10.5	X	5400 X 5450	300 SACKS	
Tubing						or as required	by rule 15-01
Liners							

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-017-3401

January 29, 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 January 29, 1987

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

Bond:	Agent:	Plat:	Casing	Fee
82	MW	MW	MW	1898

Margaret J. Haase
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.

File