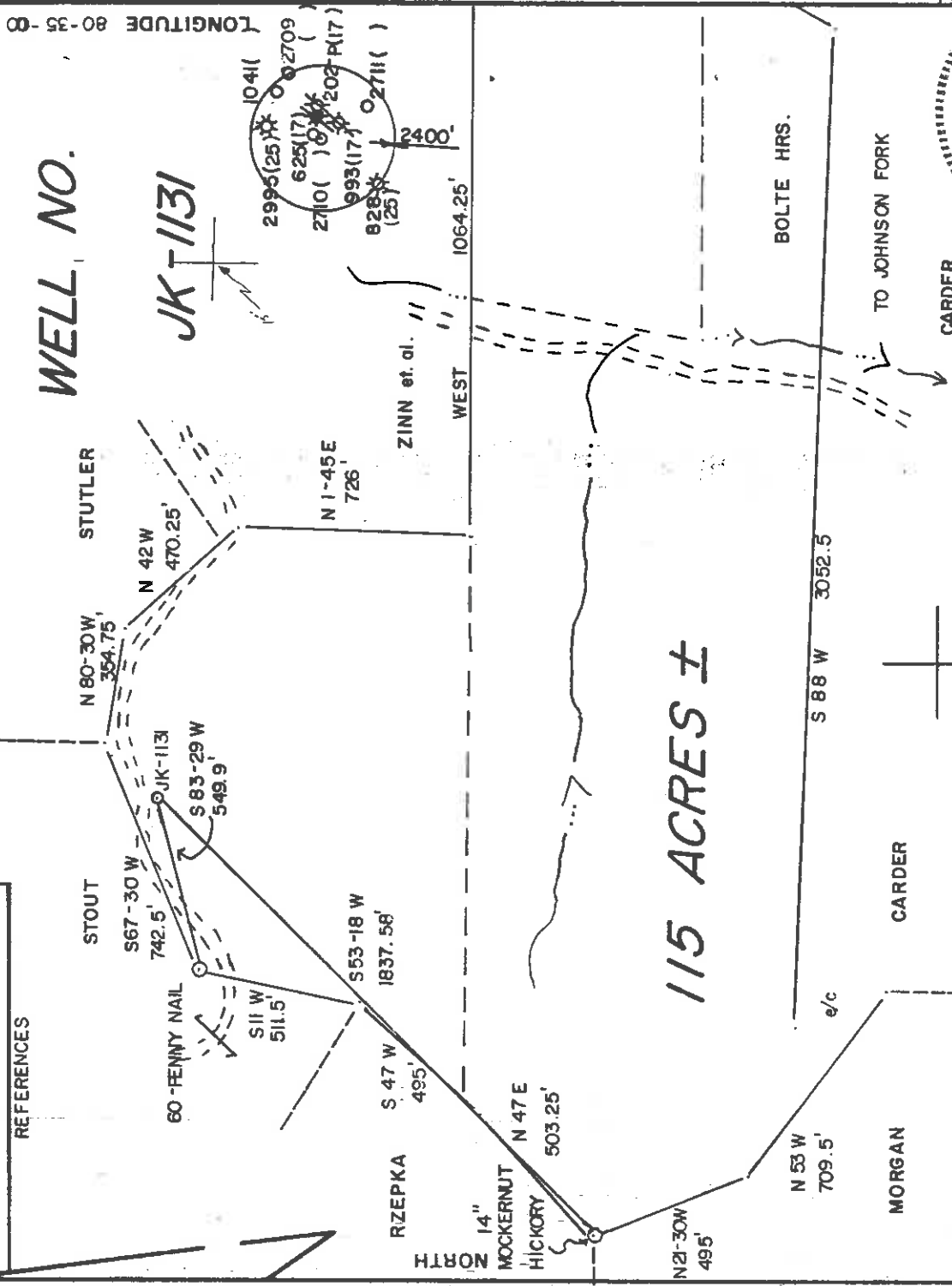
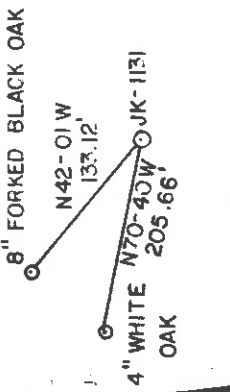


12/11/95

80.60
LATITUDE 39-15-00

LONGITUDE 80-35-00



FILE NO. 16-46

DRAWING NO.

SCALE 1" = 500'

MINIMUM DEGREE OF ACCURACY 1/200

PROVEN SOURCE OF ELEVATION B. M. ELEV-1291

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) Gregory A. Smith

R.P.E. L.L.S. 677

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FORM IV-6 (8-78)

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

DATE NOVEMBER 13, 1984

OPERATOR'S WELL NO. JK-1131

API WELL NO. 47-017-3410

STATE COUNTY PERMIT

CANCELLED

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1328' WATER SHED JOHNSON FORK

DISTRICT GREENBRIER COUNTY DODDRIDGE

QUADRANGLE BIG ISAAC 7.5' ACREAGE .34

SURFACE OWNER GUY VESTPOINT

OIL & GAS ROYALTY OWNER BERNARD BOLTE, et. al. LEASE ACREAGE 115

LEASE NO. JK-222

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

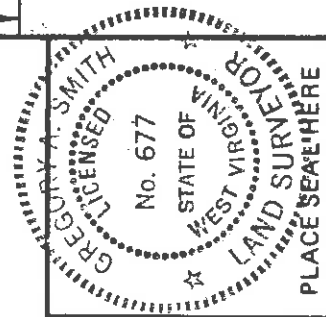
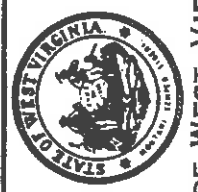
PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5700'

WELL OPERATOR J&J ENTERPRISES, INC. DESIGNATED AGENT RICHARD REDDECLIFF

ADDRESS P.O. BOX 48 427 ADDRESS P.O. BOX 48 BUCKHANNON WV 26201

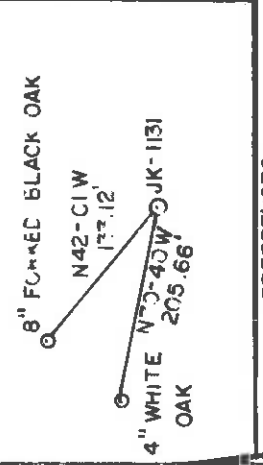
BUCKHANNON WV 26201



DODD 3410

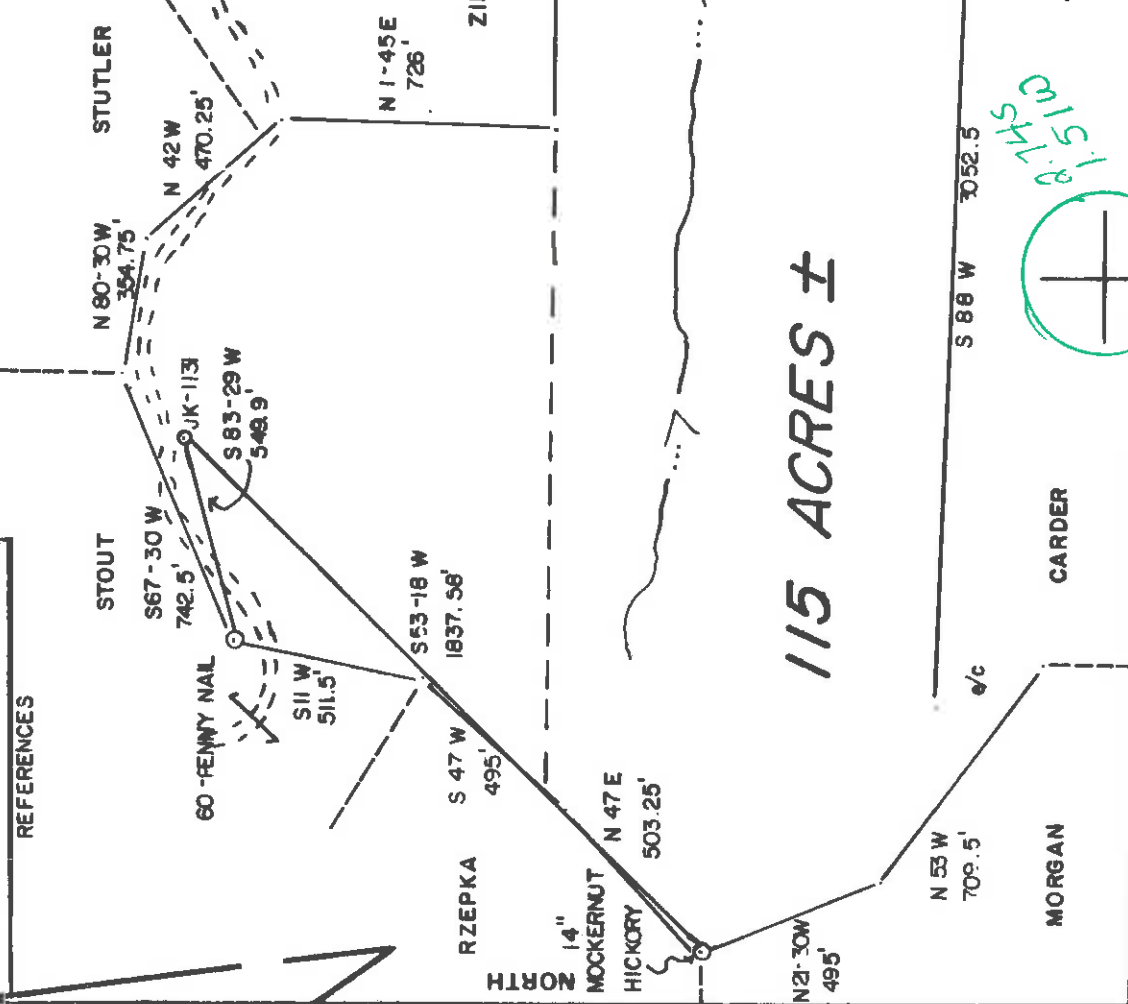
JUL 27 1987

1117 3111
80.60' LATITUDE 39-15-11



BOLTE LEASE

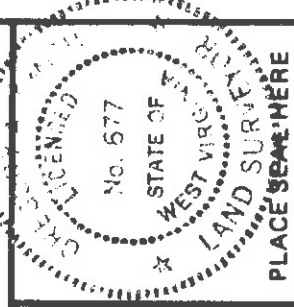
WELL NO. JK-1131



115 ACRES ±

FILE NO. 16-46
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION B.M. ELEV - 1291

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) Gregory A. Smith
R.P.E. L.L.S. 677



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



DATE NOVEMBER 13, 1984
OPERATOR'S WELL NO. JK-1131
API WELL NO. _____
STATE 47 COUNTY 017 PERMIT 3410

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 1328' WATER SHED JOHNSON FORK
DISTRICT GREENBRIER COUNTY DODDRIDGE
QUADRANGLE BIG ISAAC 7.525 Wadis 15' N2
SURFACE OWNER GUY VESTRONT 12.3 ACRES 34
OIL & GAS ROYALTY OWNER BERNARD BOLTE, et al. LEASE ACREAGE 11.5

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
LEASE NO. JK-222

PLUG AND ABANDON CLEAN OUT AND REPLUG _____
TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5700'
WELL OPERATOR JAJ ENTERPRISES, INC. DESIGNATED AGENT RICHARD REDEGLIFF
ADDRESS PO BOX 48 427 BUCKHANNON, WV 26201

MAR 18 1985

LONGITUDE 80-35-00

RECEIVED

FFR - 6 1985



1) Date: December 28, 1984
2) Operator's Well No.: JK-1131
3) API Well No.: 47 - 017 - 3410
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 Underground storage Deep Shallow
5) LOCATION: Elevation: 1328' Watershed: Johnson Fork
District: Greenbrier County: Doddridge Quadrangle: Big Isaac
6) WELL OPERATOR: J & J Enterprises, Inc. 7) DESIGNATED AGENT: Richard Reddecliff
Address: 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

11) GEOLOGICAL TARGET FORMATION: Alexander
Other physical change in well (specify): 5678'

12) Estimated depth of completed well: 150' feet
13) Approximate trata depths: Fresh 430' feet; salt, N/A
14) Approximate coal seam depths: 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	460'	0 sacks CTS by rule 15-01	
Fresh water	8 5/8 ERW		23	X	1928'	To surface	
Coal	8 5/8 ERW		23	X	1928'	To surface	
Intermediate							
Production	4 1/2	J-55	10.5	X	5628'	300 sacks or as required by rule 15-01	
Tubing							
Liners							

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-017-3410 Date March 8, 1985

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 March 8, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
83	MW	MW	MW	1908

Margaret J. Haran
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