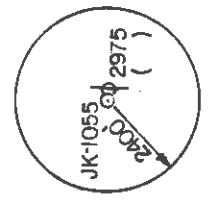
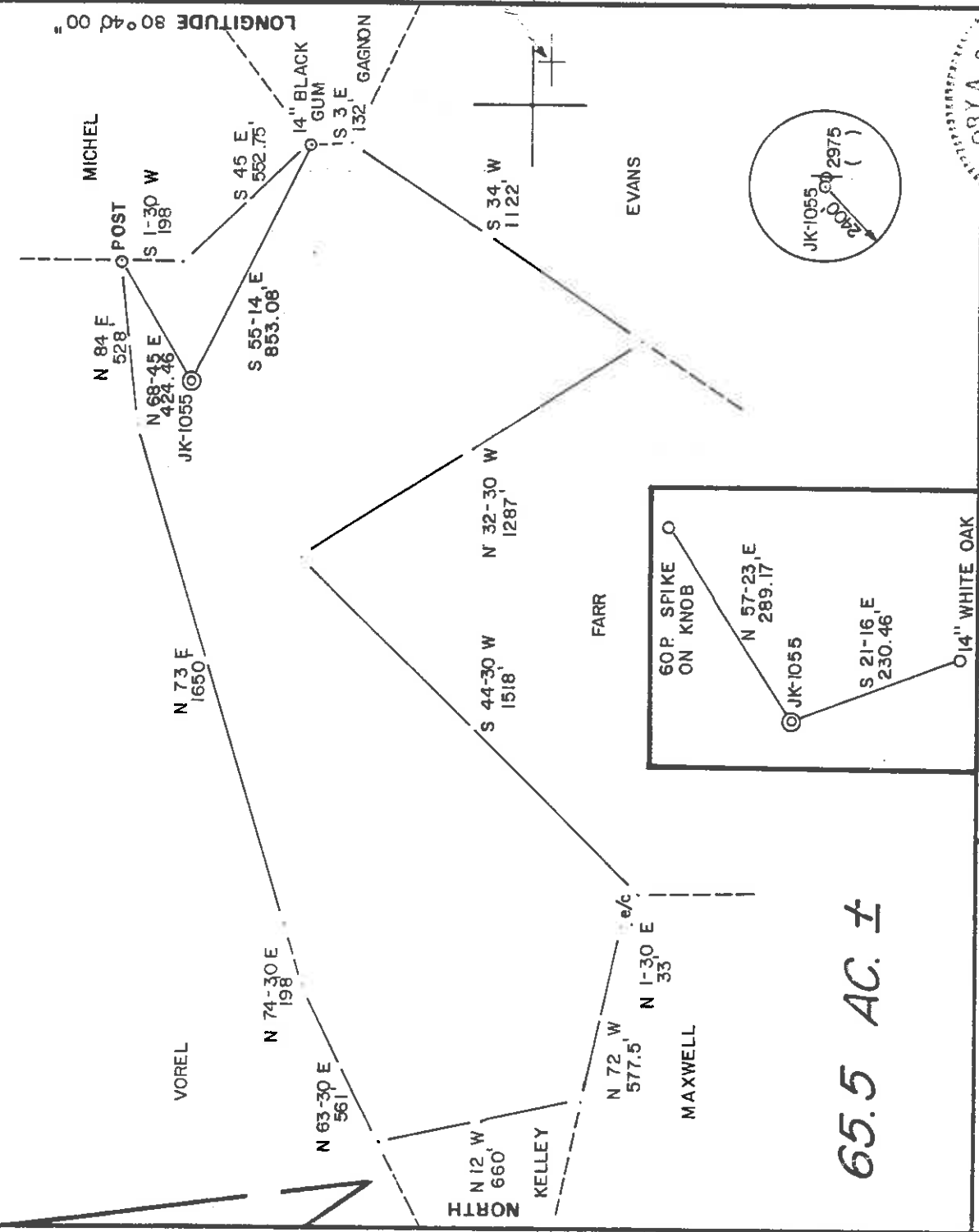


0101101010

LATITUDE 39° 17' 30"

3100'

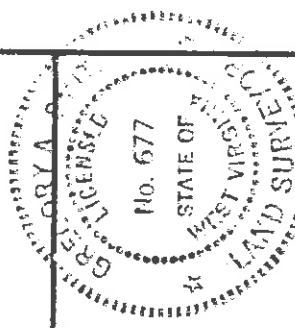
ORR LEASE JK-1055



65.5 AC. ±

FILE NO. 16-13
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 / 200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB 1336'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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.I.S. 677



PLACE SEAL HERE

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



DATE SEP 4, 1984
 OPERATOR'S WELL NO. JK-1055
 API WELL NO. 47-017-3376
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

Cancelled

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1243' WATER SHED BUCKEYE CREEK
 DISTRICT GRANT COUNTY DODDRIDGE
 QUADRANGLE SMITHBURG 7.5'
 SURFACE OWNER RAYMOND & FRANK FREEMAN ACREAGE 65.5
 OIL & GAS ROYALTY OWNER EDD ORR LEASE ACREAGE 65.5

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

JAN 12 1987

PLUG AND ABANDON CLEAN OUT AND REPLUG _____
 TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5550'
 WELL OPERATOR J & J ENTERPRISES, INC. DESIGNATED AGENT RICHARD M. REDDECLIFF
 ADDRESS P.O. BOX 48 421 ADDRESS P.O. BOX 48
 BUCKHANNON, WV 26201 BUCKHANNON, WV 26201

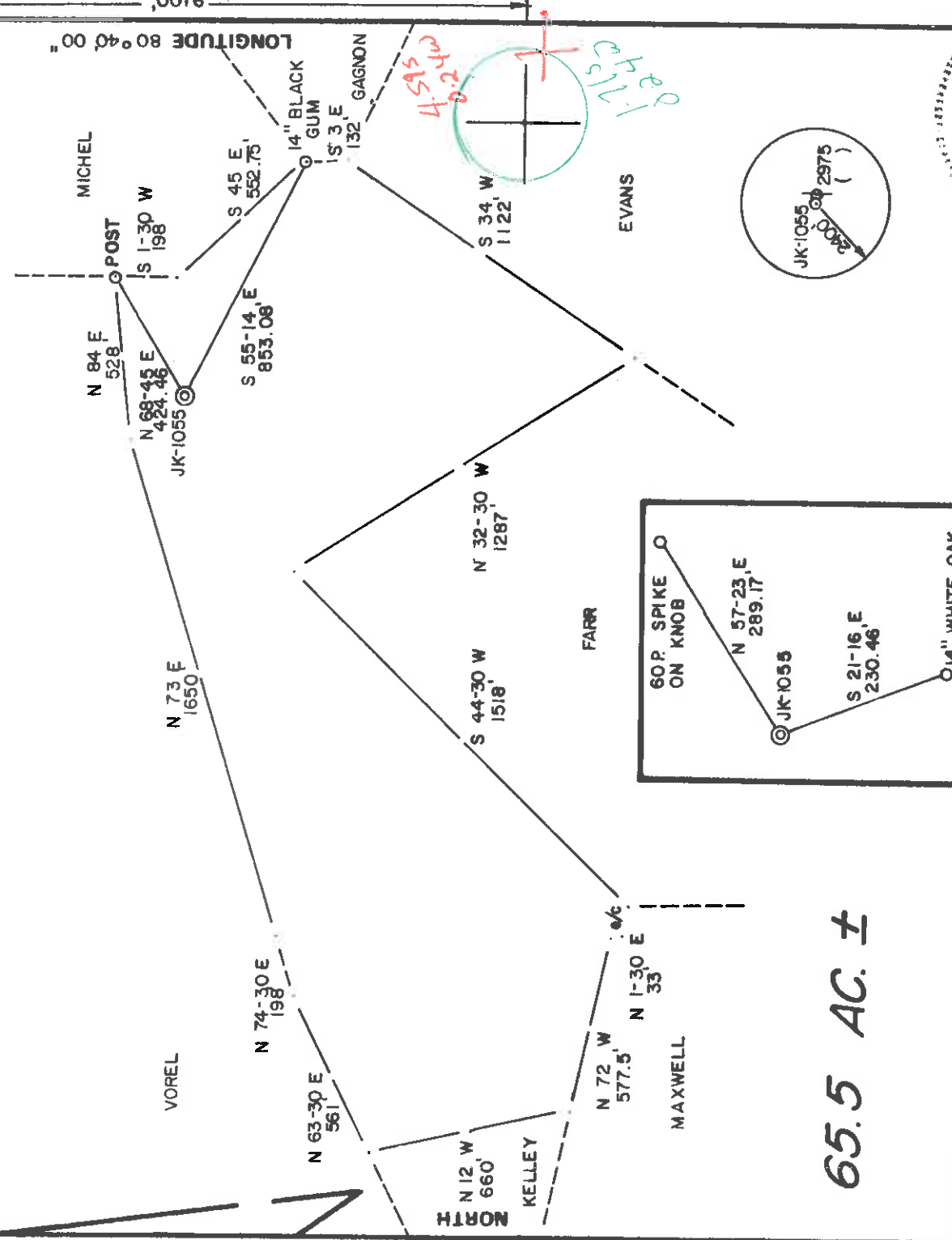
DODD 3376

CODE 10 CARD 114 PLOT 39.20

ORR LEASE

JK - 1055

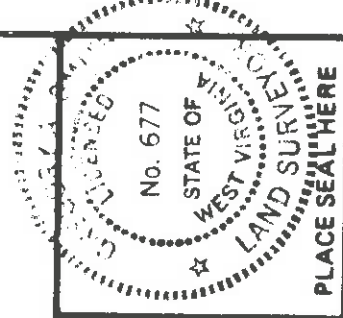
LATITUDE 39° 17' 30" LONGITUDE 80° 40' 00"



65.5 AC. ±

FILE NO. 16-13
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 / 200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB 1336'

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



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



DATE SEP 4, 1984
 OPERATOR'S WELL NO. JK-1055
 API WELL NO. 47-017-3376
 STATE 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 1243' WATER SHED BUCKEYE CREEK
 DISTRICT GRANT COUNTY DODDRIDGE
 QUADRANGLE SMITHBURG 7.5' 5" (center point 15, SW 7)
 SURFACE OWNER RAYMOND S. FRANK FREEMAN ACREAGE 65.5
 OIL & GAS ROYALTY OWNER EDD ORR LEASE ACREAGE 65.5

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 5550'
 WELL OPERATOR J & J ENTERPRISES, INC. DESIGNATED AGENT RICHARD M. REDDEGLIEF NOV 19 1984
 ADDRESS P.O. BOX 48 1077 ADDRESS P.O. BOX 48 BUCKHANNON, WV 26201

1) Date: September 18, 19 84
 2) Operator's Well No. JK-1055
 3) API Well No. 47-017-3376 State County Permit

FORM 1-2(B)
 (Reverse)
 7-83



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: 1243' Watershed: Buckeye Creek
 District: Grant County: Doddridge Quadrangle: Smithsburg 7.5'
 6) WELL OPERATOR J&J Enterprises, Inc. 7) DESIGNATED AGENT Richard M. Reddecliff
 Address P.O. Box 48 Address P.O. Box 48
Buckhannon, WV 26201
 8) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Mike Underwood
 Address Rt. 2 Box 114
Salem, WV 26426

9) DRILLING CONTRACTOR:
 Name S.W. Jack Drilling
 Address P.O. Box 48
Buckhannon, WV 26201
 10) PROPOSED WELL WORK: Drill deeper Plug off old formation Perforate new formation
 Other physical change in well (specify) Alexander
 11) GEOLOGICAL TARGET FORMATION, Alexander 5550' feet
 12) Estimated depth of completed well, 5550' feet
 13) Approximate traata depths: Fresh, 150' feet; salt, N/A feet.
 14) Approximate coal seam depths: N/A Is coal being mined in the area? Yes No

RECEIVED

OCT 23 1984

CASING OR TUBING TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT FILLING OR SACKS (Cubic feet)
	Size	Grade	Weight per ft.	New	Used	
Conductor	1 3/4	H-40	42	X		0 Sacks
Fresh water	8 5/8	ERW	23	X		To surface
Coal	8 5/8	ERW	23	X		To surface
Intermediate						
Production	4 1/2	J-55	10.9	X		300 Sacks
Tubing						or as required by rule 15-01
Liners						

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-017-3376 Date November 9, 1984

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 November 9, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
82	75	MAY 18 1983		

Margaret J. Sloan
 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