

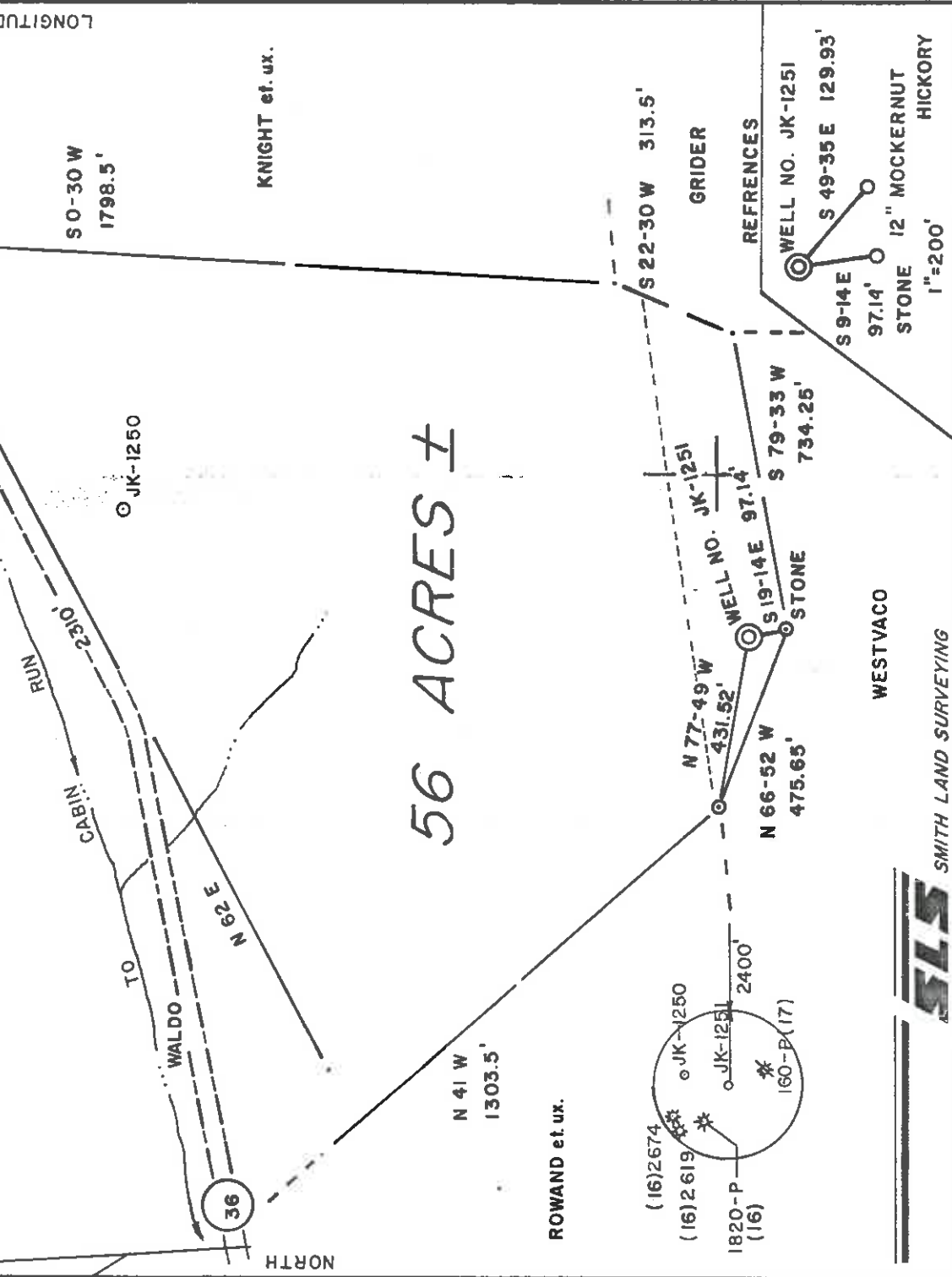
LATITUDE 39° 17' 30"

LONGITUDE 80° 52' 30"

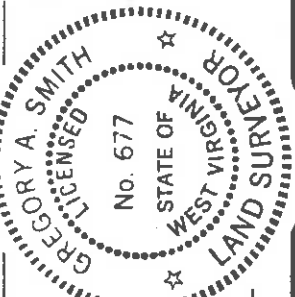
KUCK LEASE

JK - 1251

56 ACRES ±



SLS SMITH LAND SURVEYING



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 ENERGY.

L.L.S. Gregory A. Smith
677

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE DECEMBER 5, 19 85
OPERATORS WELL NO. JK-1251
API WELL NO. _____
STATE 47 - COUNTY 017 - PERMIT 3488
CANCELLED

MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION TOP OF KNOB 1208'
FILE NO. 18-56
SCALE 1" = 800'



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION

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

LOCATION: ELEVATION 1159' WATERSHED CABIN RUN
DISTRICT CENTRAL COUNTY DODDRIDGE QUADRANGLE PENNSBORO 7.5'
SURFACE OWNER HOWARD G. WALDO, et. al. ACREAGE 5.75 of 56.7
OIL & GAS ROYALTY OWNER VIRGINIA W. KUCK LEASE ACREAGE 56.7
LEASE NO. JJ-2011

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF
OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG
OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION RHINE STREET
ESTIMATED DEPTH 5995'

WELL OPERATOR J & J ENTERPRISES, INC. DESIGNATED AGENT RICHARD M. REDDECLIFF
ADDRESS P. O. BOX 48 427 MAK 4 1988 P. O. BOX 48
BUCKHANNON, WV 26201 BUCKHANNON, WV 26201

CODE PLOT

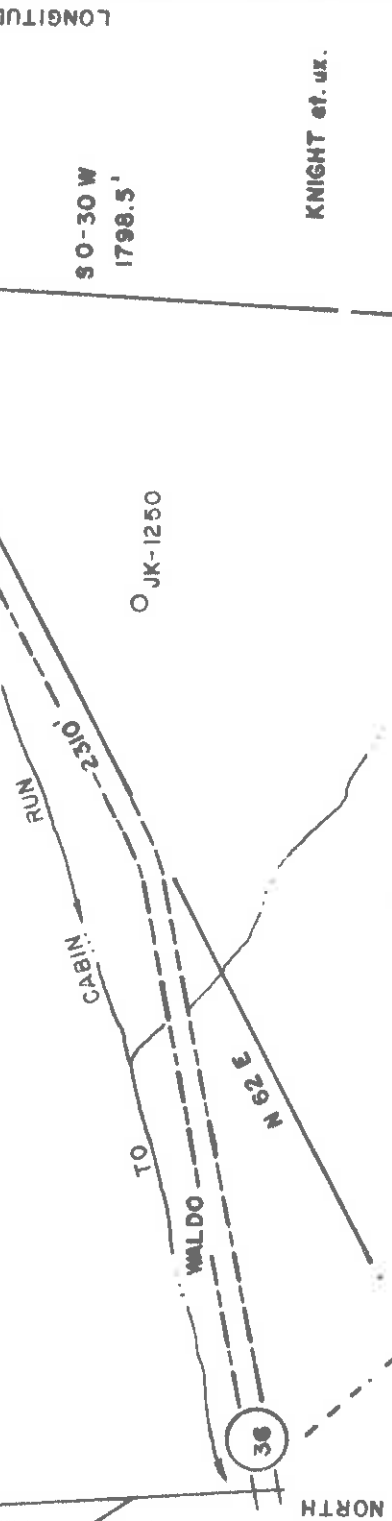
LATITUDE 39° 17' 30"

39° 20'

LONGITUDE 80° 52' 30"

KUCK LEASE

JK - 1251



56 ACRES ±

9.505
1.111 W
533.42
533.86



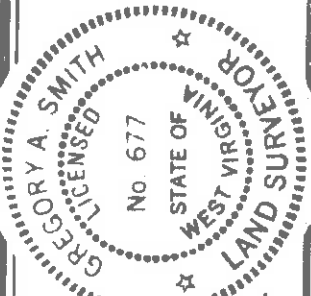
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

DATE DECEMBER 5, 19 85
OPERATORS WELL NO. JK-1251
API WELL NO.

47-017-3488
STATE COUNTY PERMIT

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 ENERGY.

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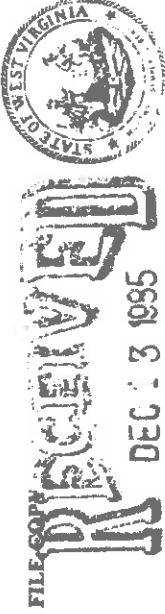
LOCATION: ELEVATION 1159' WATERSHED CABIN RUN
DISTRICT CENTRAL COUNTY DODDRIDGE QUADRANGLE PENNSBORO 7.5' 539
SURFACE OWNER HOWARD G. WALDO, et. al. ACREAGE 5.75 of 56.7
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OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG
OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION RHINE STREET
ESTIMATED DEPTH 5995'

WELL OPERATOR JOJ ENTERPRISES, INC. DESIGNATED AGENT RICHARD M. REDDECLIFF
ADDRESS P.O. BOX 48 BUCKHANNON, WV 26201
P.O. BOX 48 BUCKHANNON, WV 26201

COUNTY NAME

PERMIT



1) Date: December 6, 1985
 2) Operator's Well No. JK-1251
 3) API Well No. 47-017-3488 State County Permit

DIVISION OF OIL & GAS OF WEST VIRGINIA
 DEPARTMENT OF ENERGY, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil Gas
 B (If "Gas", Production 1159 / Underground storage Cabin Run / Deep / Shallow / Elevation: 1159'
 District: Central / County: Doddridge / Quadrangle: Pennsboro 7.5'
 6) WELL OPERATOR J&J Enterprises, c/o: 24150 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 9) DRILLING CONTRACTOR:
 Address Rt. 2 Box 114 Name S.M. Jack Drilling Co.
Salem, WV 26462 Address P.O. Box 48
Buckhannon, WV 26201
 10) PROPOSED WELL WORK: Drill deeper / Redrill / Stimulate
 Plug off old formation / Perforate new formation

11) GEOLOGICAL TARGET FORMATION, Rhine Street 44
 Other physical change in well (specify)

- 12) Estimated depth of completed well, 5995' feet
 13) Approximate trata depths: Fresh, 175' salt, N/A feet.
 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.	New	Used			For drilling
Conductor	11 3/4	H-40	42	X		0 sacks	To Surface To Surface To Surface <i>by pulversos</i>	
Fresh water	8 5/8	ERW	23	X		1759'		1759'
Coal	8 5/8	ERW	23	X		1759'		1759'
Intermediate								
Production	4 1/2	J-55	10.5	X		300 Sacks	Depths set	
Tubing						or as required	by rule 15-01	
Lin...							Perforations:	
							Top	
							Bottom	

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-017-3488 Date January 6 19 86

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 6, 1988 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee	WPCP	S&E	Other
	<u>KL-B</u>	<u>W5</u>	<u>MA2111</u>		<u>MA2111</u>		

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

[Signature]
 Director, Division of Oil and Gas

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

