

11/11/88

LATITUDE 39°20'00"

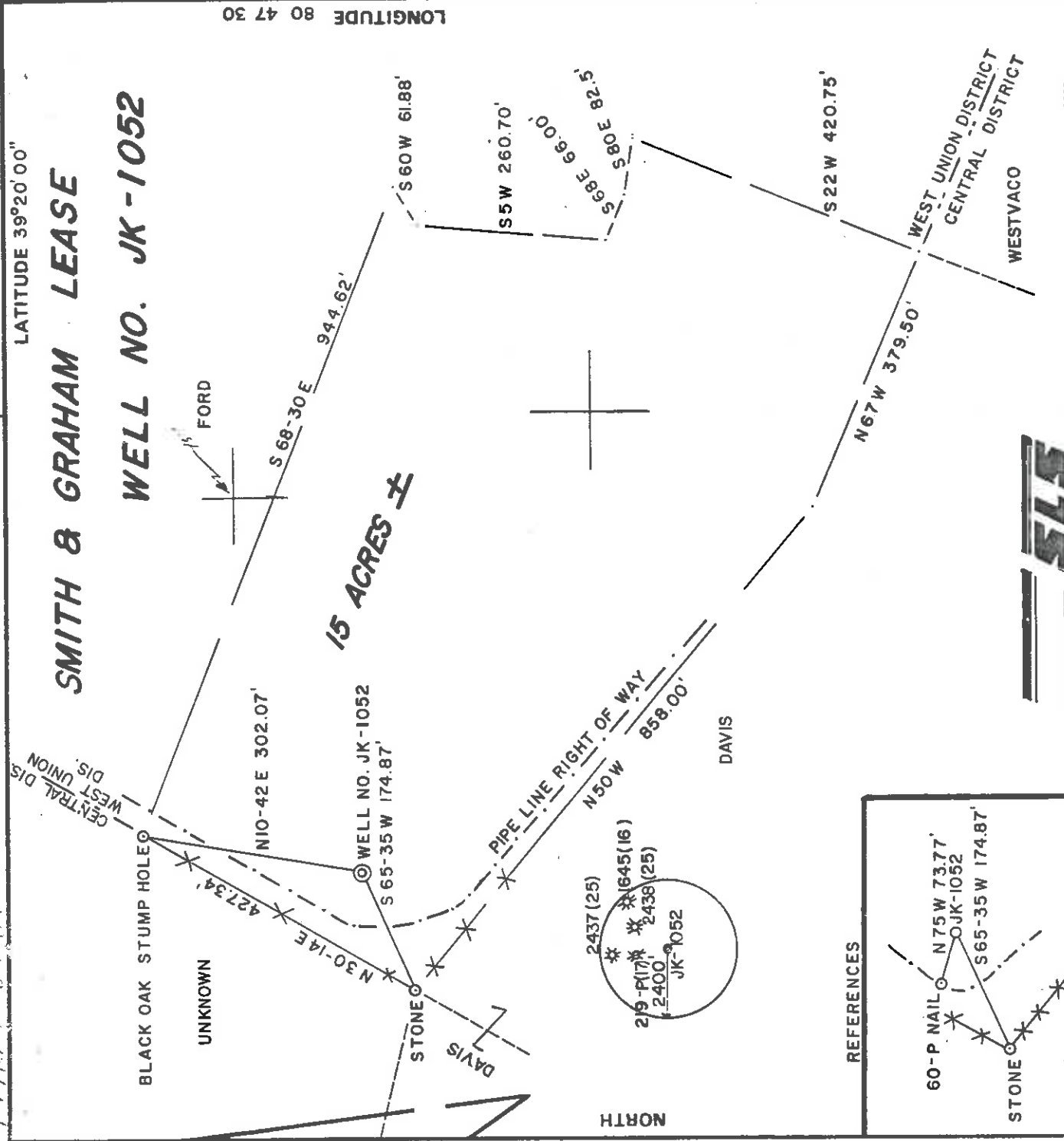
5660'

LONGITUDE 80 47 30

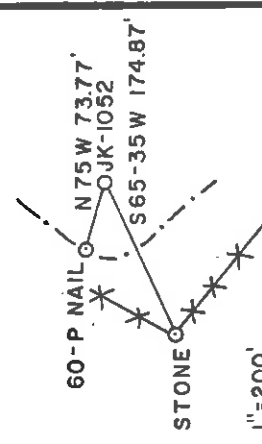
SMITH & GRAHAM LEASE

WELL NO. JK-1052

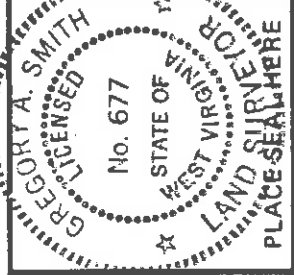
15 ACRES ±



REFERENCES

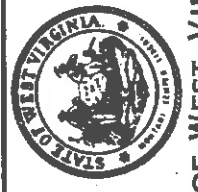


FILE NO. 16-43
 DRAWING NO. _____
 SCALE 1" = 200'
 MINIMUM DEGREE OF ACCURACY 1 / 200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB
 ELEV. 1268'



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.I.S. 677

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



DATE NOV. 12, 1984
 OPERATOR'S WELL NO. JK-1052
 API WELL NO. 47-017-3405
 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 1265 WATER SHED ROCK RUN OF ARNOLD CREEK
 DISTRICT WEST UNION COUNTY DODDRIDGE
 QUADRANGLE WEST UNION 7.5 ACREAGE 15.3
 SURFACE OWNER BLANCHE & OLLIE M. FORD
 OIL & GAS ROYALTY OWNER JOHN M. L. SMITH et al.
 LEASE NO. JK-201

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 5800'
 WELL OPERATOR J & J ENTERPRISES, INC. DESIGNATED AGENT RICHARD REDDECLIFF
 ADDRESS P.O. BOX 48 ADDRESS P.O. BOX 48
 BUCKHANNON, WV. 26201 BUCKHANNON, WV. 26201

MAR 09 1987

DODD 3405

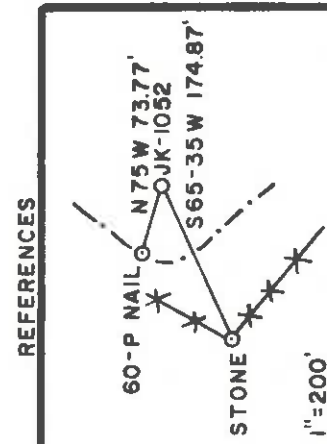
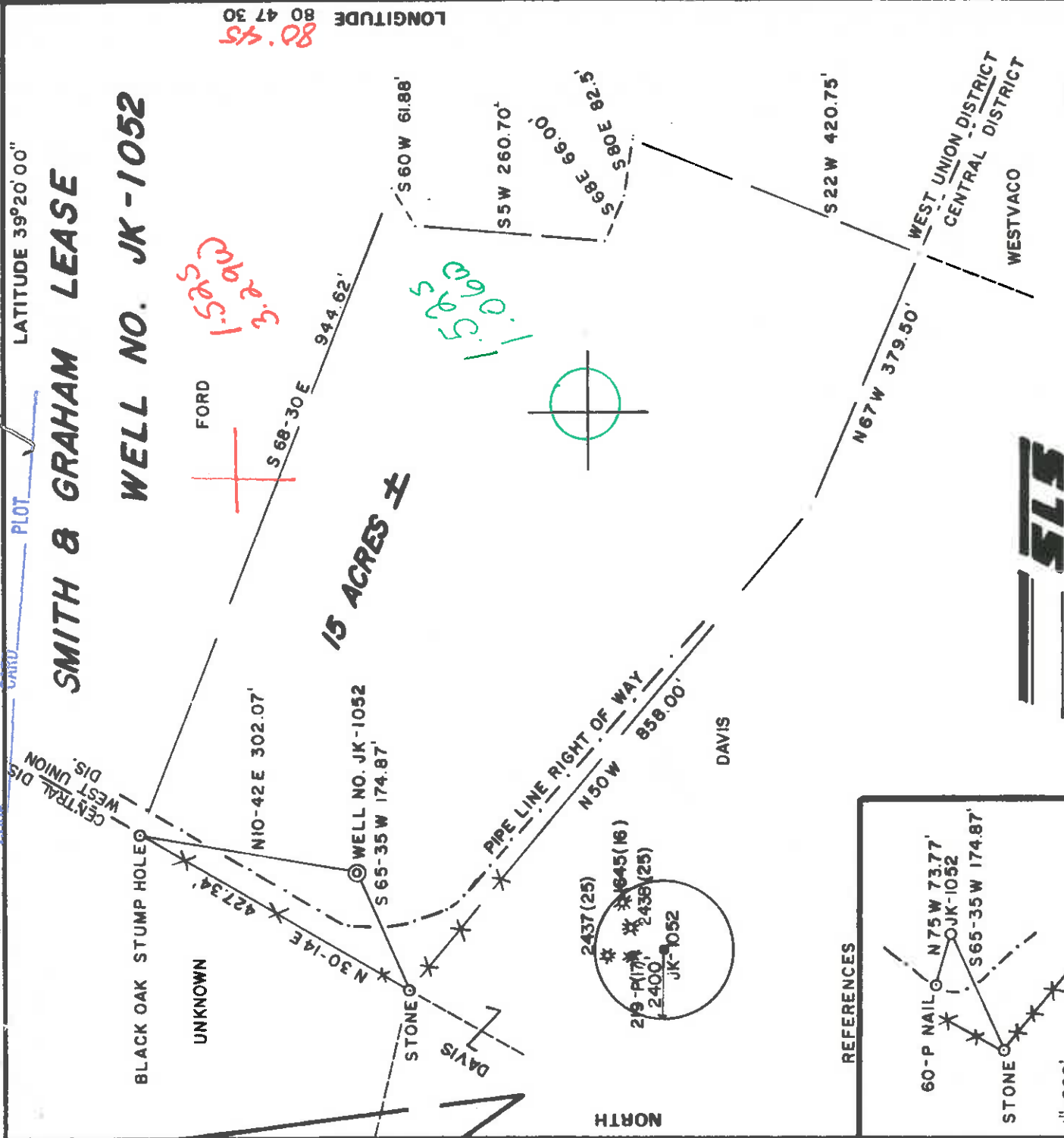
5660' LATITUDE 39°20'00"

SMITH & GRAHAM LEASE

WELL NO. JK-1052

80.45
80 47 30
LONGITUDE

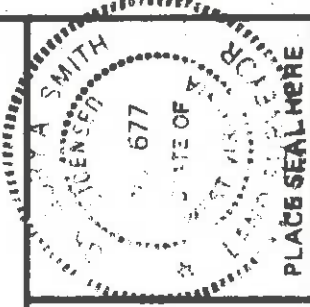
15 ACRES ±



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 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB
 ELEV. 1268'

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 NOV. 12, 1984
 OPERATOR'S WELL NO. JK-1052
 API WELL NO. 47-017-3405
 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 1265' WATER SHED ROCK RUN OF ARNOLD CREEK
 DISTRICT WEST UNION COUNTY DODDRIDGE
 QUADRANGLE WEST UNION 7.5 (15) 569
 SURFACE OWNER BLANCHE & OLLIE M. FORD 13.2 ACREAGE 15.3
 OIL & GAS ROYALTY OWNER JOHN M. L. SMITH et al. LEASE NO. JK-201 LEASE ACREAGE 15.3
 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 5900'
 WELL OPERATOR J.E.J. ENTERPRISES, INC. DESIGNATED AGENT RICHARD REDECLIFF
 ADDRESS P.O. BOX 48 BUCKHANNON, WV 26201
 FEB 0 A 1985

RECEIVED

JAN - 3 1985



1) Date: November 14, 19 84
2) Operator's Well No. JK-1052
3) API Well No. 47 - 017 - 3405 State County Permit

OIL & GAS DIV.
DEPT. OF MINES
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
Elevation: 1265' Watershed: Rock Run of Arnold Creek
- 5) LOCATION: District: West Union County: Doddridge Quadrangle: West Union
- 6) WELL OPERATOR: J & J Enterprises, Inc. 7) DESIGNATED AGENT: Richard Reddecliff
Address: P.O. Box 48 P.O. Box 48 Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED: Name: Mike Underwood 9) DRILLING CONTRACTOR: S.W. Jack Drilling Co.
Address: Rt. 2 Box 114 P.O. Box 48 Buckhannon, WV 26201
Salem, WV 26426
- 10) PROPOSED WELL WORK: Drill deeper Redrill Stimulate
Plug off old formation Perforate new formation
- 11) GEOLOGICAL TARGET FORMATION, Alexander
12) Estimated depth of completed well, 5800' feet
13) Approximate traia depths: Fresh, 155' feet; salt, N/A feet.
14) Approximate coal seam depths: ~~125'~~ 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	30	0 Sacks	0
Fresh water	8 5/8	ERW	23	X	1365'	To Surface	By rule 15.05
Coal	8 5/8	ERW	23	X	1365'	To Surface	By rule 15.05
Intermediate							
Production Tubing	4 1/2	J-55	10.5	X	5800'	300 Sacks	300 Sacks
Liners						or as required by rule 15-01	Perforations: Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-017-3405 Date January 29, 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 January 29, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
83	mw mw	mx	1892	

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

