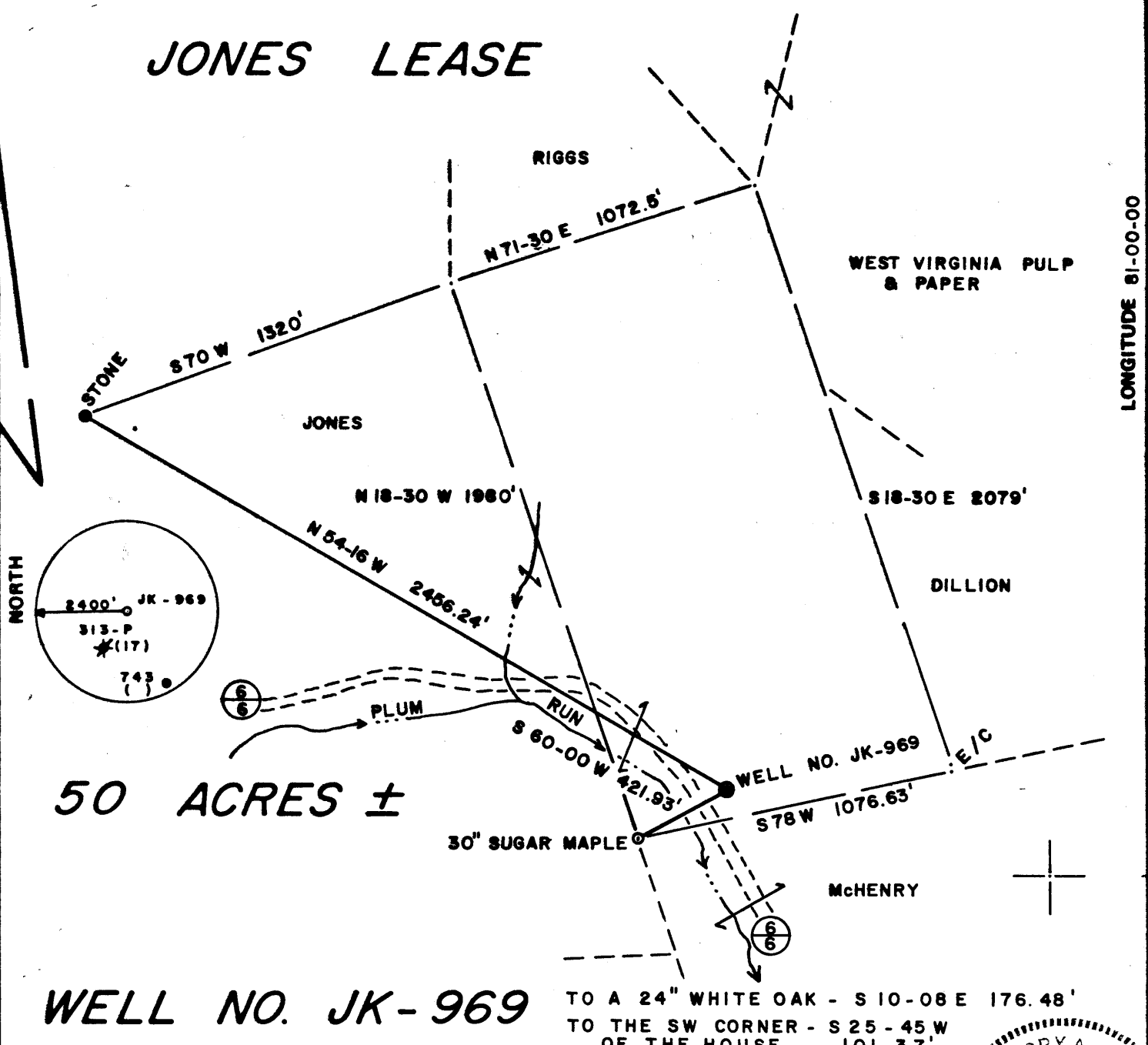


JONES LEASE



LONGITUDE 81-00-00

12,400'

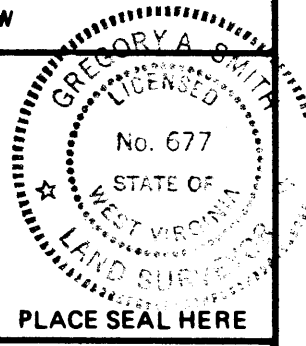
50 ACRES ±

WELL NO. JK-969

TO A 24" WHITE OAK - S 10-08 E 176.48'
 TO THE SW CORNER - S 25-45 W OF THE HOUSE 101.37'

FILE NO. 13-33
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200'
 PROVEN SOURCE OF ELEVATION TOP OF KNOB
ELEV. = 1142'

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

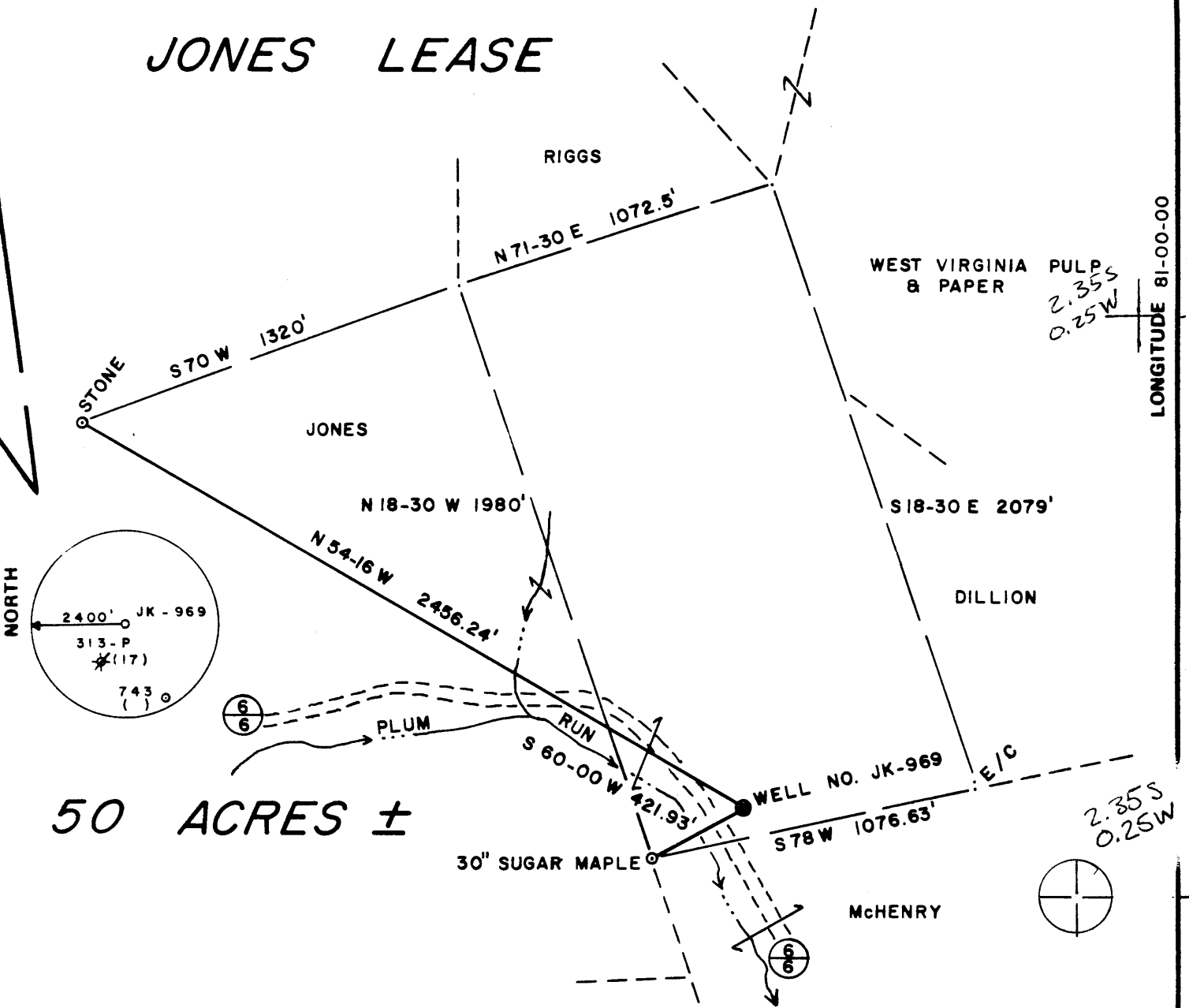
DATE APRIL 30, 19 84
 OPERATOR'S WELL NO. JK-969
 API WELL NO. 47-095-1069
 STATE COUNTY PERMIT
Cancelled

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 835 WATERSHED PLUM RUN
 DISTRICT MEADE COUNTY TYLER
 QUADRANGLE BENS RUN 7.5'
 SURFACE OWNER HARRY A. JONES ACREAGE 50
 OIL & GAS ROYALTY OWNER HARRY A. JONES LEASE ACREAGE 50
 LEASE NO. JJ-1611
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Devonian Shale ESTIMATED DEPTH 5995
 WELL OPERATOR J & J ENTERPRISES, INC. DESIGNATED AGENT RICHARD M. REDDECLIFF
 ADDRESS P. O. BOX 48 ADDRESS P. O. BOX 48
BUCKHANNON, WV 26201 BUCKHANNON, WV 26201

OCT 28 1985

47-095-1069

JONES LEASE



50 ACRES ±

WELL NO. JK-969

TO A 24" WHITE OAK - S 10-08 E 176.48'
TO THE SW CORNER - S 25-45 W
OF THE HOUSE 101.37'

FILE NO. 13-33
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1/200'
PROVEN SOURCE OF ELEVATION TOP OF KNOB
ELEV. = 1142'

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

PLACE SEAL HERE

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



DATE APRIL 30, 1984
OPERATOR'S WELL NO. JK-969
API WELL NO. _____
47-095-1069
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 835 WATER SHED PLUM RUN
DISTRICT MEADE COUNTY TYLER
QUADRANGLE BENS RUN 7.5'241 St. Mary 51615' EC6
SURFACE OWNER HARRY A. JONES ACREAGE 50
OIL & GAS ROYALTY OWNER HARRY A. JONES LEASE ACREAGE 50
LEASE NO. JJ-1611
PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR
STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW
FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION Devonian Shale ESTIMATED DEPTH 5975
WELL OPERATOR J & J ENTERPRISES, INC. DESIGNATED AGENT RICHARD M. REDDECLIFF
ADDRESS P. O. BOX 48 427 ADDRESS P. O. BOX 48
BUCKHANNON, WV 26201 BUCKHANNON, WV 26201

MAY 29 1984



1) Date: MAY 1, 19 84
 2) Operator's Well No. JK -969
 3) API Well No. 47 - 095 - 1069
 State County Permit

OIL & GAS DIVISION
 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 Underground storage Deep Shallow)
 5) LOCATION: Elevation: 835' Watershed: PLUM RUN
 District: MEADE County: TYLER Quadrangle: BENS RUN 7.5'
 6) WELL OPERATOR J & J ENTERPRISES, INC. 7) DESIGNATED AGENT RICHARD M. REDECLIFF
 Address P.O. BOX 48 Address P.O. BOX 48
BUCKHANNON, WV 26201 BUCKHANNON, WV 26201
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name ROBERT A. LOWTHER Name S.W. JACK DRILLING CO.
 Address GENERAL DELIVERY Address P.O. BOX 48
MIDDLEBOURNE, WV 26149 BUCKHANNON, WV 26201
 10) PROPOSED WELL WORK: Drill Drill deeper Redrill Stimulate
 Plug off old formation Perforate new formation
 Other physical change in well (specify) _____
 11) GEOLOGICAL TARGET FORMATION, DEVONIAN SHALE
 12) Estimated depth of completed well, 5995' feet
 13) Approximate strata depths: Fresh, 85' feet; salt, N/A feet.
 14) Approximate coal seam depths: NONE 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	Left in well		
Conductor	11 3/4	H-40	42	X		30	0	0 Sacks	Kinds
Fresh water	8 5/8	ERW	23	X		935'	935'	To surface	<u>NEAT</u>
Coal	8 5/8	ERW	23	X		935'	935'	To surface	
Intermediate									
Production	4 1/2	J-55	10.5	X		5950'	5950'	350 Sacks	Depths set
Tubing								or as required by Rule 15-01	
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-095-1069 Date May 22, 19 84

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 May 22, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>OK</u>	Plat: <u>MU</u>	Casing <u>MU</u>	Fee <u>1547</u>
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[Signature]
 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