

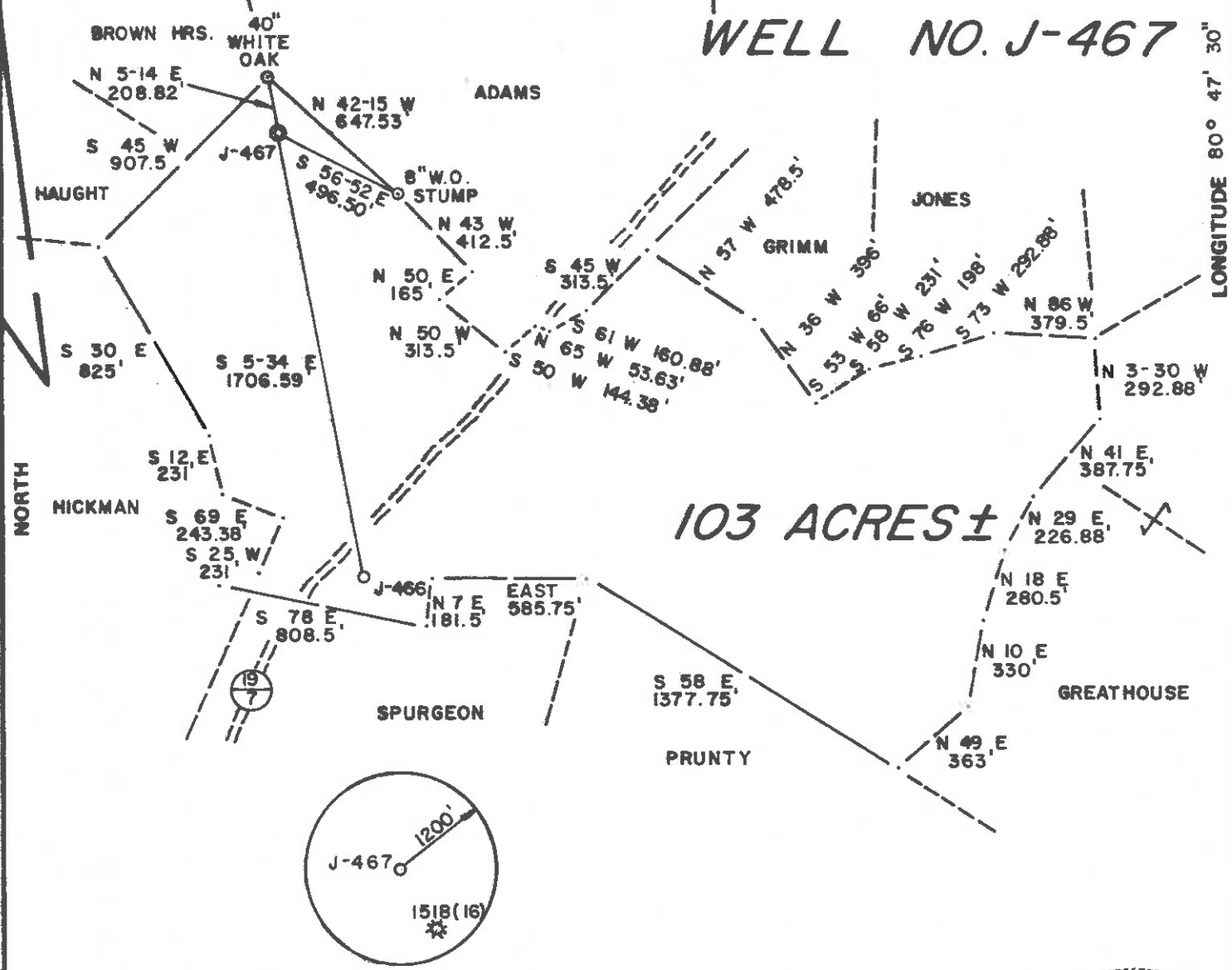
9-15-83

6600' LATITUDE 39° 10' 00"

2080' LONGITUDE 80° 47' 30"

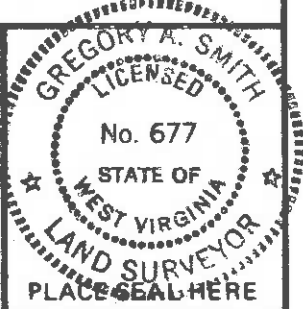
GRIMM LEASE

WELL NO. J-467



FILE NO. 11 - 34
 DRAWING NO. _____
 SCALE 1" = 600'
 MINIMUM DEGREE OF ACCURACY 1 / 200
 PROVEN SOURCE OF ELEVATION JUNCTION OF ROADS
ELEV. 840'

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 AUG. 4 1983
 OPERATOR'S WELL NO. J - 467
 API WELL NO. 47 - 017 - 3259
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

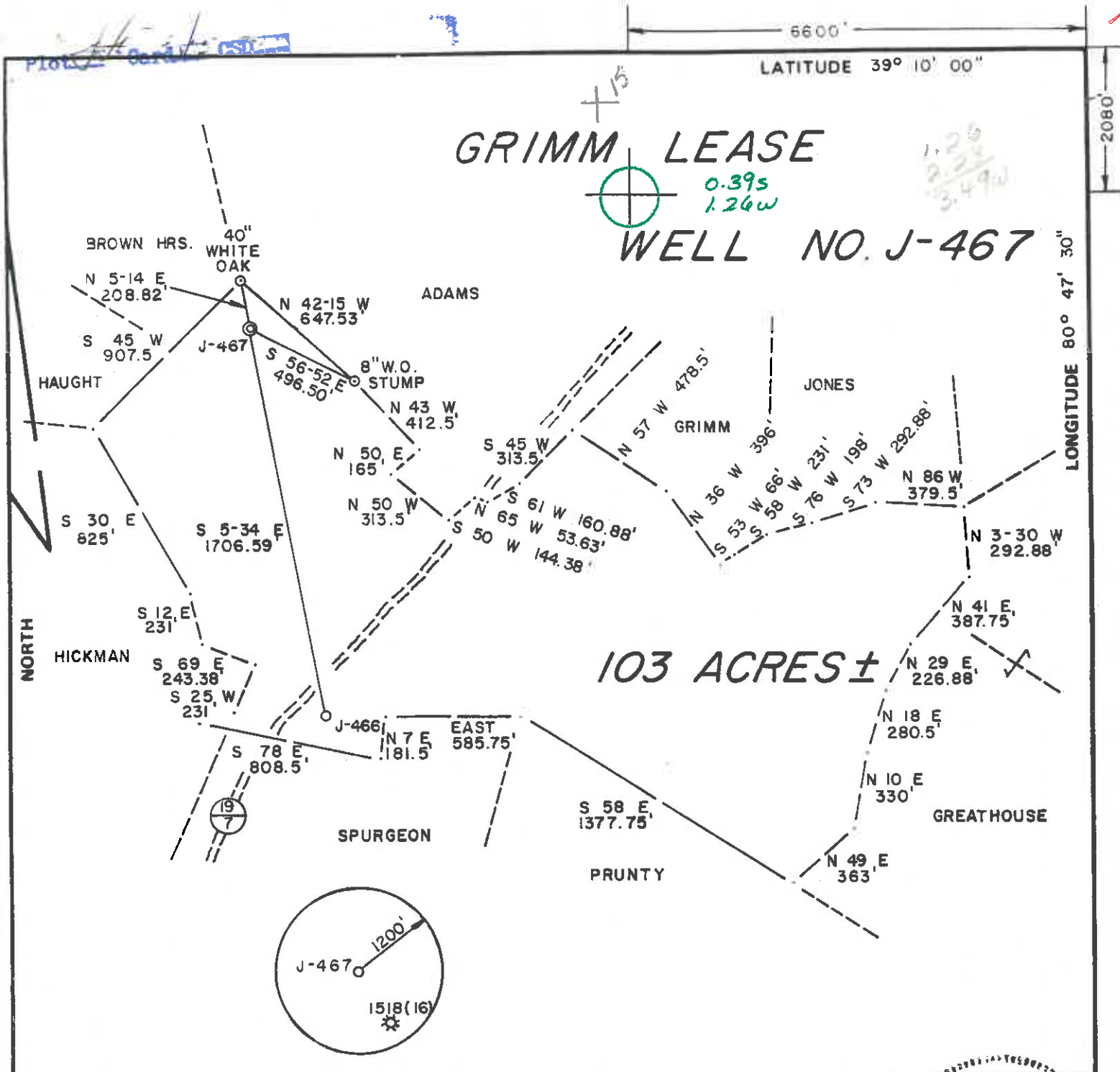
Cancelled

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1057' WATER SHED CAMP RUN
 DISTRICT SOUTHWEST COUNTY DODDRIDGE
 QUADRANGLE OXFORD 7.5'
 SURFACE OWNER DONALD GRIMM ACREAGE 103
 OIL & GAS ROYALTY OWNER DONALD GRIMM LEASE ACREAGE 103
 LEASE NO. H.S. 8
 PROPOSED WORK: DRILL X 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 5275'
 WELL OPERATOR J & J ENTERPRISES DESIGNATED AGENT RICHARD REDDAKLIF
 ADDRESS P. O. BOX 48 427 BUCKHANNON, WV 26201 ADDRESS P. O. BOX 48 BUCKHANNON WV 26201

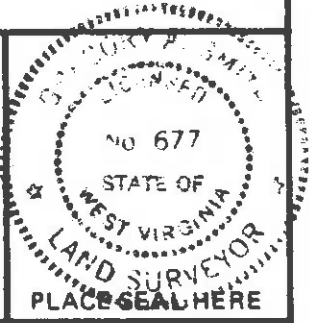
NOV 4 1985

Ood 3259



FILE NO. 11 - 34
 DRAWING NO. _____
 SCALE 1" = 600'
 MINIMUM DEGREE OF ACCURACY 1 / 200
 PROVEN SOURCE OF ELEVATION JUNCTION OF ROADS
ELEV. 840'

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)

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

LOCATION: ELEVATION 1057' WATER SHED CAMP RUN
 DISTRICT SOUTHWEST COUNTY DODDRIDGE
 QUADRANGLE OXFORD 7.5 Holbrook 15' EC

SURFACE OWNER DONALD GRIMM ACREAGE 103
 OIL & GAS ROYALTY OWNER DONALD GRIMM LEASE ACREAGE 103
 LEASE NO. H.S. 8

PROPOSED WORK: DRILL X 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 5275'
 WELL OPERATOR J & J ENTERPRISES DESIGNATED AGENT RICHARD REDDAKLIFF
 ADDRESS P.O. BOX 48 ADDRESS P.O. BOX 48
BUCKHANNON, WV 26201 BUCKHANNON WV 26201

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE AUG. 4, 1983
 OPERATOR'S WELL NO. J - 467
 API WELL NO. 47 - 017 - 3259
 STATE COUNTY PERMIT

OCT 16 1983



1) Date: September 8, 19 83
 2) Operator's Well No. J-467
 3) API Well No. 47 - 017 - 3259
 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: 1057 Watershed: Camp Run
 District: Southwest County: Doddridge Quadrangle: Oxford 7.5
- 6) WELL OPERATOR J&J Enterprises, Inc. 7) DESIGNATED AGENT Richard Reddecliff
 Address P.O. Box 48 Address P.O. Box 48
Buchannon, WV 26201 Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Stephen Casey Name S.W. Jack Drilling Co.
 Address Rt. # 2, Box 232-D Address P.O. Box 48
Jane Lew, WV 26378 Buchannon, 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, Alexander
- 12) Estimated depth of completed well, 5275 feet
- 13) Approximate strata depths: Fresh, 175 feet; salt, 0 feet.
- 14) Approximate coal seam depths: None Is coal being mined in the area? Yes No
- 15) CASING AND TUBING PROGRAM

RECEIVED
 SEP 12 1983
 OIL & GAS DIVISION
 DEPT. OF MINES

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT-FILLUP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		Kinds	Sizes
Conductor	11 3/4	H-40	42	x		30	0	0 sks.		
Fresh water	8 5/8	ERW	23	x		1375	1375	To surface		By Rule 15-05
Coal	8 5/8	ERW	23	x		1375	1375	To surface		
Intermediate										
Production	4 1/2	J-55	10.5	x		5200	5200	280 sks.		Depths set
Tubing										
Liners										Perforations: Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-017-3259 Date October 7, 1983

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 October 7, 1985 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond	Agent	Plat	Casing	Fee
	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	1314

[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