

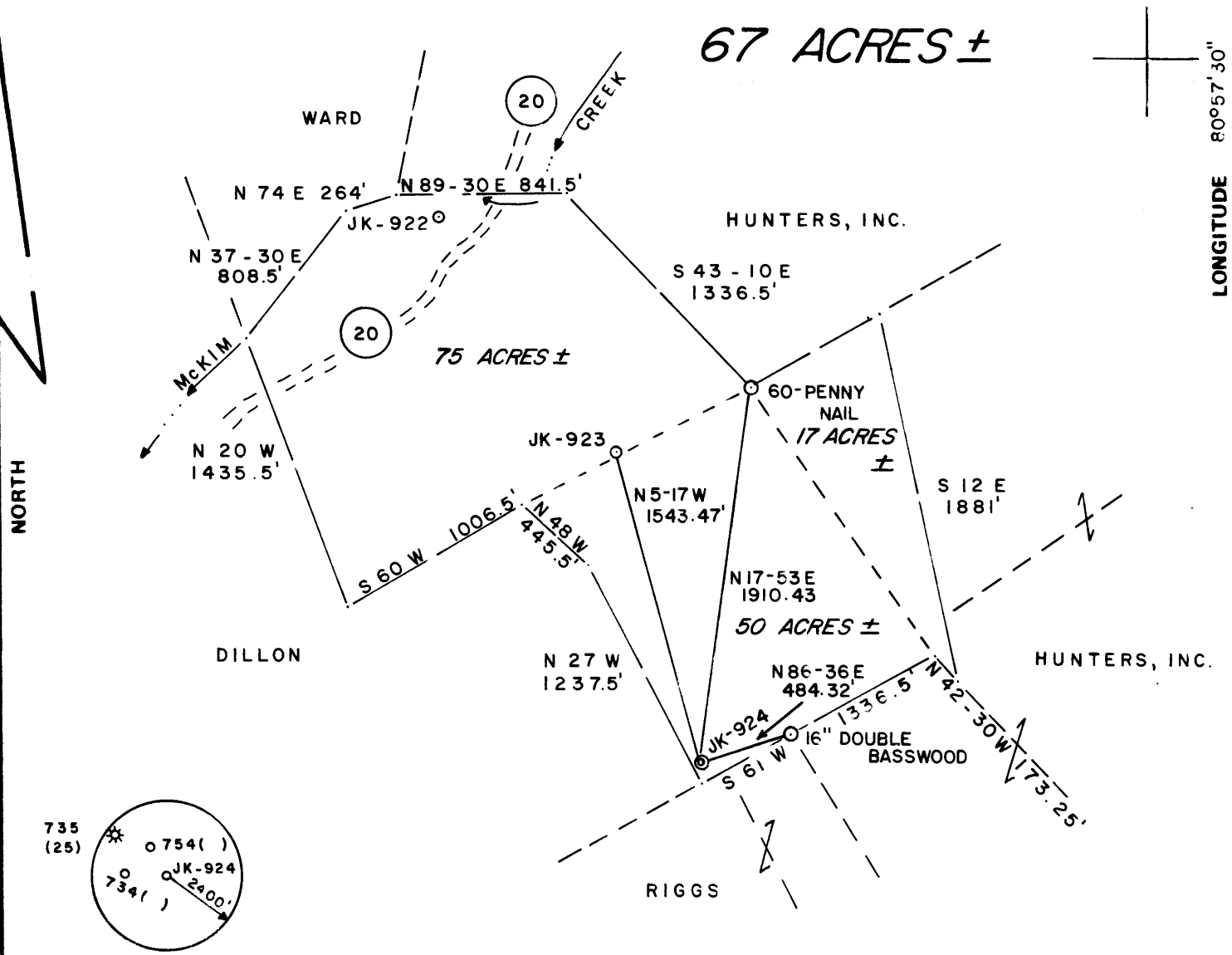
1180'

LATITUDE 39°22'30"

3120'

# HILL LEASE WELL NO. JK-924

## 67 ACRES ±



LONGITUDE 80°57'30"

NORTH

FILE NO. 13-15  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 800'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION JUNCT. OF ROADS  
ELEV. 812'

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 MARCH 21, 19 84  
 OPERATOR'S WELL NO. JK-924  
 API WELL NO. \_\_\_\_\_  
47 - 095 - 1064  
 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 1237' WATER SHED MCKIM CREEK  
 DISTRICT MEADE COUNTY TYLER  
 QUADRANGLE PENNSBORO 7.5  
 SURFACE OWNER PALMER & IRENE HILL ACREAGE 50  
 OIL & GAS ROYALTY OWNER PALMER & IRENE HILL LEASE ACREAGE 67  
 LEASE NO. JJ - 1525

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) \_\_\_\_\_

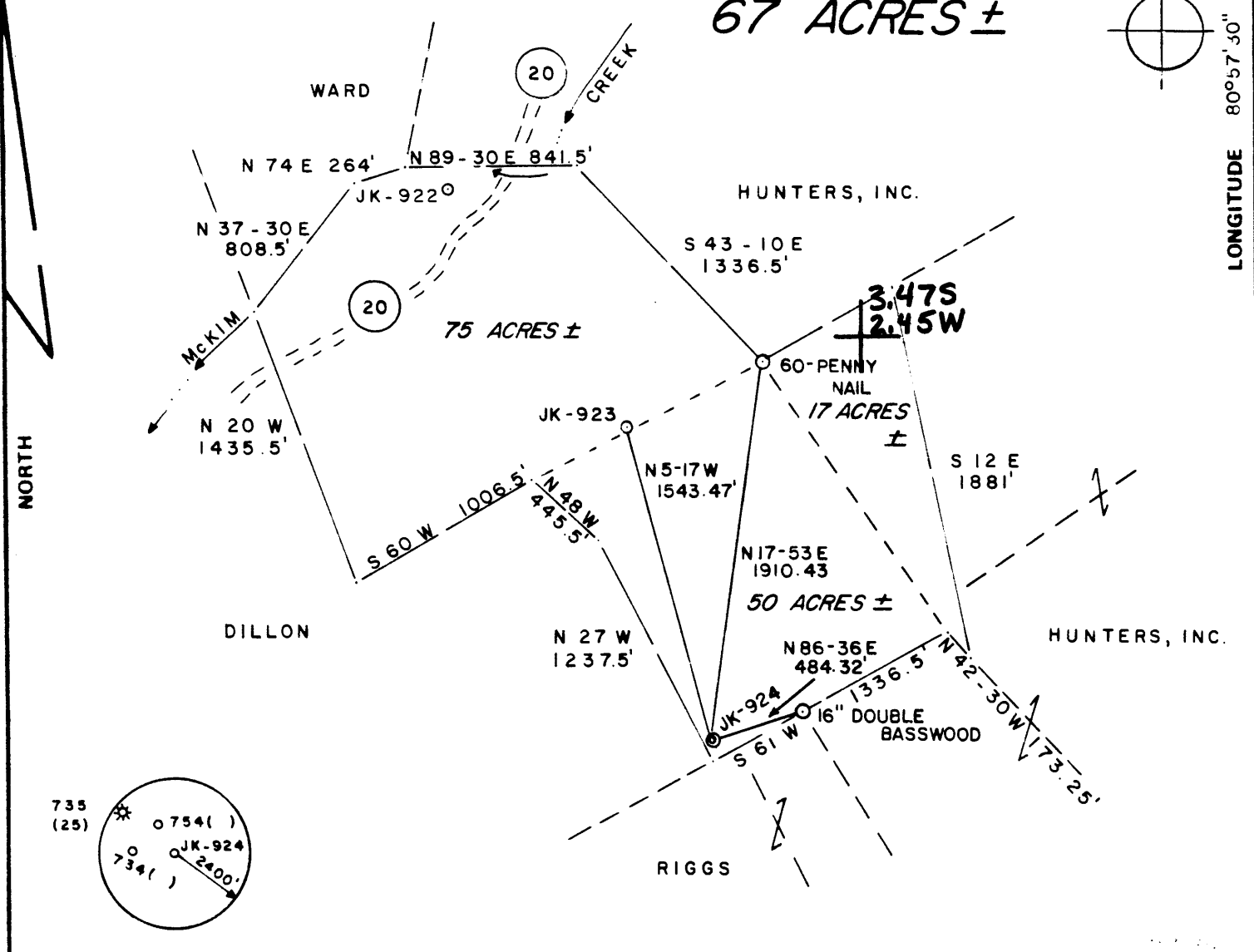
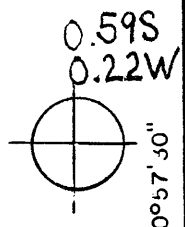
APR 7 1986

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION DEVONIAN SHALE ESTIMATED DEPTH 5990'  
 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

200-1057

# HILL LEASE WELL NO. JK-924

## 67 ACRES ±



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 DRAWING NO. \_\_\_\_\_  
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 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION JUNCT. OF ROADS  
ELEV. 812'

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 (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 MARCH 21, 19 84  
 OPERATOR'S WELL NO. JK-924  
 API WELL NO. \_\_\_\_\_  
47 - 095 - 1064  
 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 1237' WATER SHED McKIM CREEK  
 DISTRICT MEADE 4 COUNTY TYLER  
 QUADRANGLE 539 PENNSBORO 7.5' West Union 15' WC  
 SURFACE OWNER PALMER & IRENE HILL ACREAGE 50<sup>133</sup>  
 OIL & GAS ROYALTY OWNER PALMER & IRENE HILL LEASE ACREAGE 67  
 LEASE NO. JJ - 1525  
 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 5990'  
 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

MAR 26 1984



1) Date: MARCH 21, 19 84  
 2) Operator's Well No. JK-924  
 3) API Well No. 47 - 095 - 1064  
 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: 1237' Watershed: MCKIM CREEK  
 District: MEADE County: TYLER Quadrangle: PENNSBORO 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 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, 5990' feet
- 13) Approximate trata depths: Fresh, 400 feet; salt, 0 feet.
- 14) Approximate coal seam depths: N/A Is coal being mined in the area? Yes  No

**RECEIVED**  
 MAR 23 1984

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	H40	42	X		30'	0	0 sks.	Kinds
Fresh water	8 5/8	ERW	23	X		<del>1360</del> 1337	<del>1360</del> 1337	To surface	NEAT
Coal	8 5/8	ERW	23	X		<del>1360</del>	<del>1360</del>	To surface	
Intermediate									Sizes
Production	4 1/2	J55	10 1/2	X		5990'	5940'	450	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

DEPT. OF MINES

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-095-1064 Date March 23, 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 March 23, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BLANKET</u>	Agent: <u>[Signature]</u>	Plat: <u>DAN</u>	Casing: <u>MN</u>	Fee: <u>1493</u>
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Margaret J. Dasse  
 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