

# JONES LEASE

RIGGS

## 64 ACRES ±

JONES

LONGITUDE 81-00-00

12,650'

NORTH

STONE

S 70 W 1320'

S 11-26 E 1910.89'

N 18-15 W 1570.07'

N 17 W 2392.5'

6  
6

PLUM

RUN

WELL NO. JK-970

S 16-30 W 398.34'

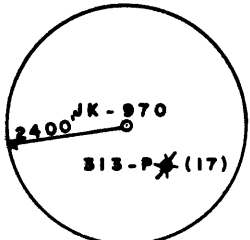
MORGAN

S 89 E 1369.5'

McHENRY

24" BLACK OAK

PLEASANTS COUNTY  
TYLER COUNTY



### WELL NO. JK-970

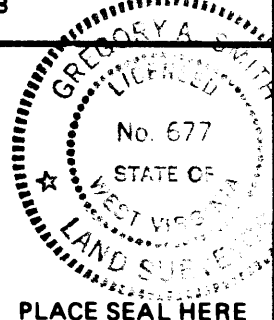
TO A 8" MOCKERNUT HICKORY - S 77-06 W 177.38'

TO A 4" YELLOW POPLAR - S 87-55 E 109.28'

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)



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

DATE APRIL 27, 1984  
 OPERATOR'S WELL NO. JK-970  
 API WELL NO. \_\_\_\_\_  
47 - 095 - 1071  
 STATE COUNTY PERMIT

*cancelled*

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

LOCATION: ELEVATION 1005' WATERSHED PLUM RUN  
 DISTRICT MEADE COUNTY TYLER  
 QUADRANGLE BENS RUN 7.5'

SURFACE OWNER HARRY A. JONES ACREAGE 64

OIL & GAS ROYALTY OWNER HARRY A. JONES LEASE ACREAGE 64

LEASE NO. JJ-1610

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

*Tyler 1071*

# JONES LEASE

RIGGS

## 64 ACRES ±

2.40S  
0.54W

JONES

S 11-26 E 1910.89'

N 18-15 W 1570.07'

N 17 W 2392.5'

WELL NO. JK-970

S 16-30 W 398.34'

S 89 E 1369.5'

24" BLACK OAK

MORGAN

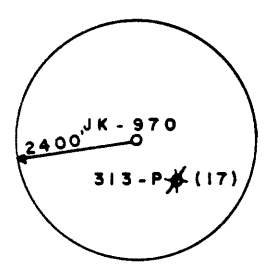
MCHENRY

### WELL NO. JK-970

TO A 8" MOCKERNUT HICKORY - S 77-06 W 177.38'

TO A 4" YELLOW POPLAR - S 87-55 E 109.28'

NORTH



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 27, 1984  
 OPERATOR'S WELL NO. JK-970  
 API WELL NO. \_\_\_\_\_  
47-095-1071  
 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 1005' WATER SHED PLUM RUN  
 DISTRICT MEADE COUNTY TYLER  
 QUADRANGLE BENS RUN 241 7.5' St. Mary 5161 5' E Co  
 SURFACE OWNER HARRY A. JONES ACREAGE 64  
 OIL & GAS ROYALTY OWNER HARRY A. JONES LEASE ACREAGE 64  
 LEASE NO. JJ-1610  
 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 48 427 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-970  
 3) API Well No. 47 - 095 - 1071  
 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: 1005' Watershed: PLUM RUN  
 District: MEADE County: TYLER Quadrangle: BENS RUN 7.5'  
 6) WELL OPERATOR J & J ENTERPRISES, INC.  
 Address P.O. BOX 48  
BUCKHANNON, WV 26201  
 7) DESIGNATED AGENT RICHARD M. REDDECLIFF  
 Address P.O. BOX 48  
BUCKHANNON, WV 26201  
 8) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name ROBERT A. LOWTHER  
 Address GENERAL DELIVERY  
MIDDLEBOURNE, WV 26149  
 9) DRILLING CONTRACTOR:  
 Name S.W. JACK DRILLING CO.  
 Address P.O. BOX 48  
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 trata depths: Fresh, 100' 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		1105'	1105'	To surface	NEAT Sizes
Coal	8 5/8	ERW	23	X		1105'	1105'	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 47-095-1071 Date May 23, 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 23, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>63</u>	Agent: <u>OK</u>	Plat: <u>MW</u>	Casing: <u>MW</u>	Fee: <u>1548</u>
--------------------	---------------------	--------------------	----------------------	---------------------

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