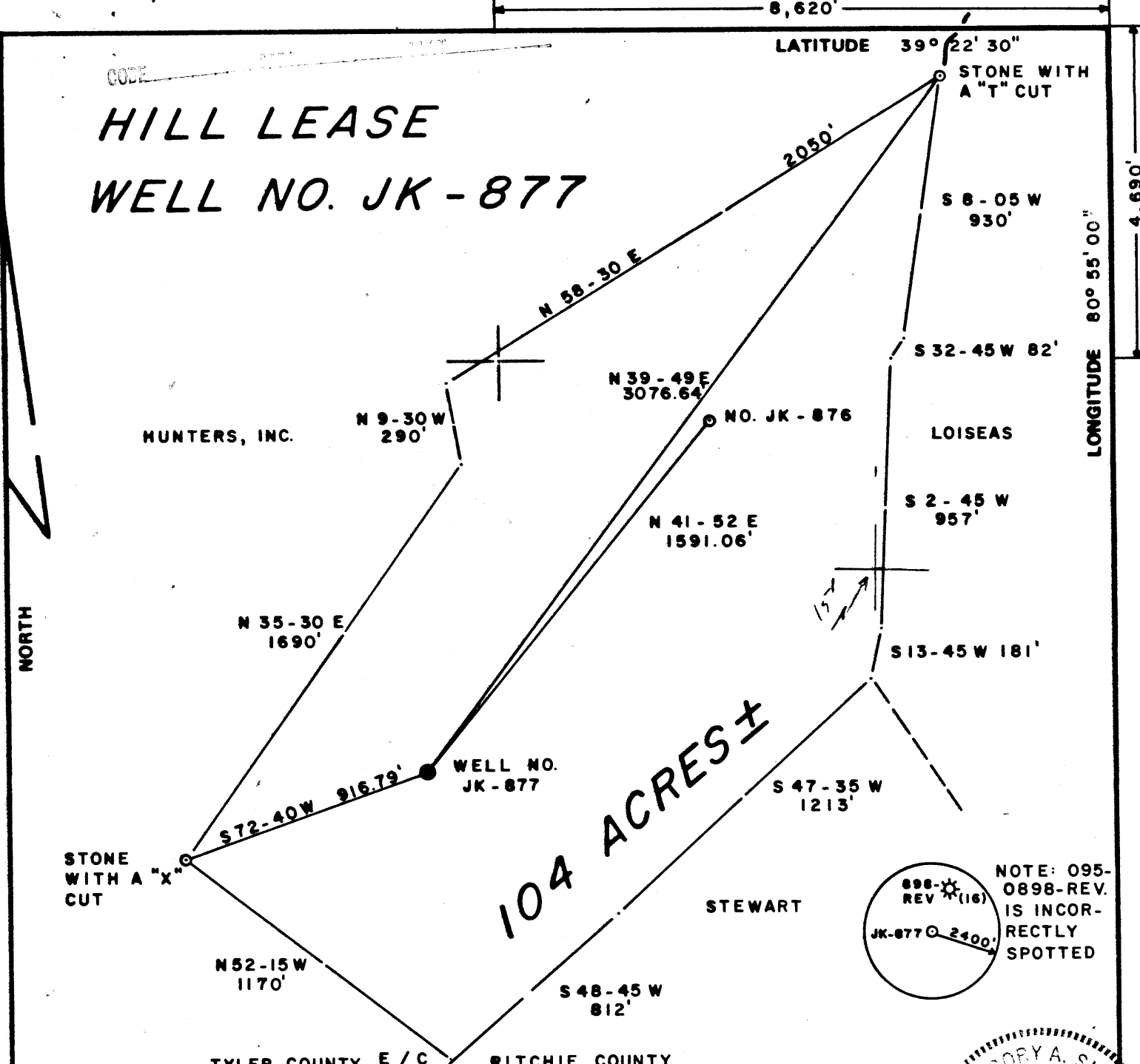


# HILL LEASE WELL NO. JK-877



104 ACRES ±

FILE NO. 13-7  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION UNCT. OF ROADS ELEV. 850'

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

NOTE: 095-0898-REV. IS INCORRECTLY SPOTTED

898-REV (16)  
 JK-877 2400'

GREGORY A. SMITH  
 LICENSED  
 No. 677  
 STATE OF WEST VIRGINIA  
 LAND SURVEYOR

PLACE SEAL HERE

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

DATE FEB. 9, 19 84  
 OPERATOR'S WELL NO. JK-877  
 API WELL NO. 47-095-1058  
 STATE 47 COUNTY 095 PERMIT 1058  
*cancelled*

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 1032' WATER SHED A BRANCH OF McKIM CREEK  
 DISTRICT MEADE COUNTY TYLER  
 QUADRANGLE PENNSBORO 7.5'

SURFACE OWNER HUNTERS, INC. ACREAGE 104  
 OIL & GAS ROYALTY OWNER EUGENE R. HILL, et. al. LEASE ACREAGE 104  
 LEASE NO. JJ-1513

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 5250'  
 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

TYLER 1058

Plot  Card  CSD   
**HILL LEASE**  
**WELL NO. JK-877**

8,620' **39.25'**

LATITUDE 39° 22' 30"

STONE WITH A "T" CUT

S 8-05 W 930'

S 32-45 W 82'

S 2-45 W 957'

S 13-45 W 181'

2050'

0.895

1.64W

N 39-49 E 3076.64'

N 9-30 W 290'

NO. JK-876

N 41-52 E 1591.06'

N 35-30 E 1690'

S 72-40 W 916.79'

WELL NO. JK-877

S 47-35 W 1213'

STONE WITH A "X" CUT

N 52-15 W 1170'

S 48-45 W 812'

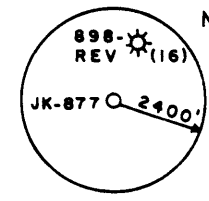
**104 ACRES ±**

TYLER COUNTY E / C

RITCHIE COUNTY

STEWART

NOTE: 095-0898-REV. IS INCORRECTLY SPOTTED



NORTH

LONGITUDE 80° 55' 00"

FILE NO. 13-7  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1 / 200  
 PROVEN SOURCE OF ELEVATION JUNCT. OF ROADS  
 ELEV. 850'

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 FEB. 9, 19 84  
 OPERATOR'S WELL NO. JK-877  
 API WELL NO. 47-095-1058  
 STATE WV COUNTY TYLER PERMIT 1058

**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 1032' WATERSHED A BRANCH OF MULE CREEK  
 DISTRICT MEADE 4 COUNTY TYLER  
 QUADRANGLE S39 PENNSBORO 7.5' West Union 15' WC  
 SURFACE OWNER HUNTERS, INC. ACREAGE 133.04 4  
 OIL & GAS ROYALTY OWNER EUGENE R. HILL, et. al. LEASE ACREAGE 104  
 LEASE NO. JJ-1513  
 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 5250'  
 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: February 29, 1984  
 2) Operator's Well No. JK-877  
 3) API Well No. 47 - 095 - 1058  
 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: 1032 Watershed: A Branch of McKim Creek  
 District: Meade County: Tyler Quadrangle: Pennsboro 7.5
- 6) WELL OPERATOR J&J Enterprises, Inc.  
 Address P.O. Box 48  
 Buckhannon, WV 26201
- 7) DESIGNATED AGENT Richard Reddecliff  
 Address P.O. Box 48  
 Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name Robert Lowther  
 Address Gen. Delivery  
 Middlebourne, WV 26149
- 9) DRILLING CONTRACTOR:  
 Name S.W. Jack Drilling Company  
 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, Alexander
- 12) Estimated depth of completed well, 5250 feet
- 13) Approximate trata depths: Fresh, 108 feet; salt, 0 feet.
- 14) Approximate coal seam depths: None Is coal being mined in the area? Yes  No \_\_\_\_\_

**RECEIVED**  
 MAR 2 - 1984  
 OIL & GAS DIVISION  
 No. \_\_\_\_\_  
**DEPT. OF MINES**

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 sks.	Kinds
Fresh water	85/8	ERW	23	x		1000	1000	To surface	by rule 15.05
Coal	85/8	ERW	23	x		1000	1000	To surface	Sizes
Intermediate									
Production	4 1/2	J-55	10.5	x		5200	5200	375 sks.	Depths set
Tubing									or as req. by rule 15.05
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-095-1058 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:	Agent: <input checked="" type="checkbox"/>	Plat:	Casing	Fee
	LO	MH	MH	1454

*[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