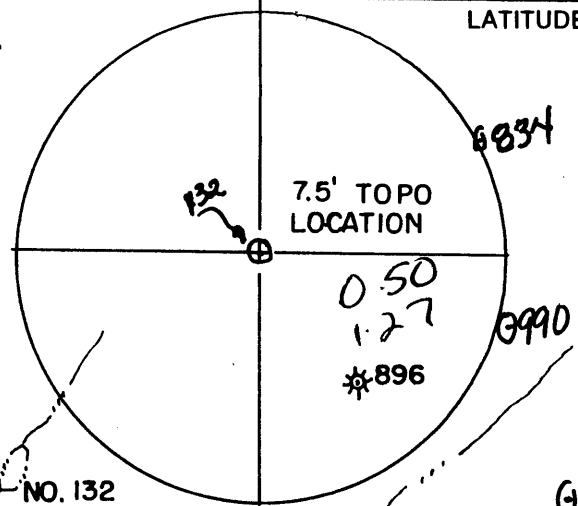
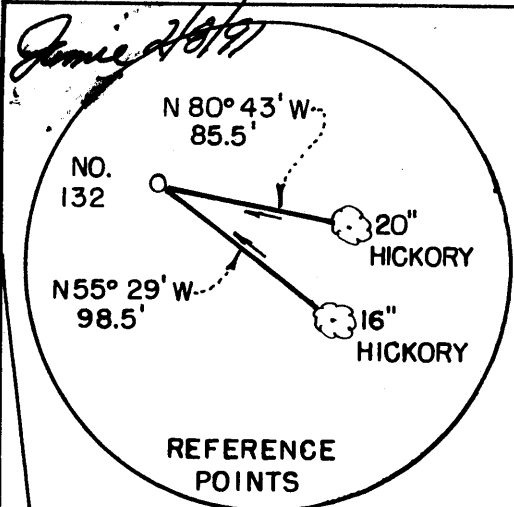


6,775'

LATITUDE 37° 40' 00"

2,625'

LONGITUDE 81° 30' 00"



GEORGIA-PACIFIC CORPORATION

D.B. 213 PG. 411
P/O 30,582 ACRES

NORTH

ANDREW McCOY
T.M. 104 PAR. 12
D.B. 239 PG. 307

N 18° 38' W 2320.4'

N 27° 43' W 1568.5'

EXIST. WELL NO. 90

N 00° 49' W 810.4'

S 69° 39' E 299.01'

STEEL RAIL (FOUND)

N 16° 06' W 1109.3'

1/2" I.P. (FOUND)

N 11° 49' W 222.56'

SEE MAP OF DIVISION OF FORMER STEWART PROPERTY MAP FILE 1313 REFERED TO IN McCOY DEED.

LEFT FORK

10/8

104

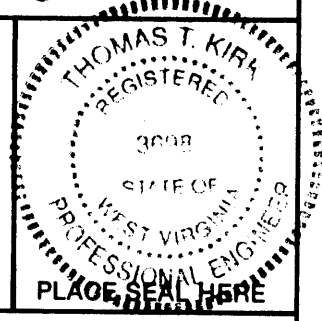
10/8

0.50
1.27
Pineville
EC

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1' : 2500'
 PROVEN SOURCE OF ELEVATION USGS BM 35-AFK 1965
 ELEV. 1796

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 ENERGY.
 (SIGNED) Thomas T. Kirk
 R.P.E. 3698 L.L.S. _____



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE APRIL 5, 1990
 OPERATOR'S WELL NO. Y80 COAL NO. 132
 API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1854.45 WATERSHED ___ LEFT FORK
 DISTRICT CENTER 3 COUNTY WYOMING
 QUADRANGLE MATHENY 7.5'

SURFACE OWNER GEORGIA-PACIFIC CORPORATION ACREAGE 30,582
 OIL & GAS ROYALTY OWNER Y80 COAL CO. ET AL LEASE ACREAGE 30,582

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION BIG LIME ESTIMATED DEPTH 3314
 WELL OPERATOR SONAT EXPLORATION CO. DESIGNATED AGENT DANA BLACKSHIRE
 ADDRESS P.O. BOX 1513 ADDRESS P.O. BOX 766
HOUSTON, TX. 77251-1513 CHARLESTON, WV. 25323

COUNTY NAME

PERMIT

FORM WW-6 HALLS, INC. 088005

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
WELL WORK PERMIT APPLICATION

- 1) Well Operator: 421 Sonat Exploration Company 46600 (3) 463
- 2) Operator's Well Number: Y & O Coal No. 132 3) Elevation: 1854
- 4) Well type: (a) Oil ___ / or Gas X /
(b) If Gas: Production X / Underground Storage ___ /
Deep ___ / Shallow X /
- 5) Proposed Target Formation(s): Big Lime
- 6) Proposed Total Depth: 3314 feet
- 7) Approximate fresh water strata depths: 850
- 8) Approximate salt water depths: 1100
- 9) Approximate coal seam depths: _____
- 10) Does land contain coal seams tributary to active mine? Yes ___ / No X /
- 11) Proposed Well Work: Drill, Stimulate, Perforate New Formation
- 12) _____

RECEIVED
Division of Energy
JAN 23 91
Permitting
Oil and Gas Section

CASING AND TUBING PROGRAM

New Well

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT Fill-up (cu. ft.)
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	13 3/8	H40	48	30	30	-
Fresh Water	8 5/8	J55	24	1200	1200	C.S. 50-100
Coal	8 5/8	J55	24	1200	1200	C.S. 50-100
Intermediate						30CSR18 11.5 30CSR12 11.2
Production	4 1/2	J55	10.5	3314	3314	400-425
Tubing						30CSR18 11.1
Liners						

PACKERS : Kind _____ By Rule 15.05
Sizes _____ or as required
Depths set _____ By Rule 15.01

For Division of Oil and Gas Use Only

02733
3
 Fee(s) paid: _____ Well Work Permit _____ Reclamation Fund _____ WPCP
 Plat _____ WW-9 _____ WW-2B _____ Bond _____ Agent _____
 (Type)

1) Date: April 6, 1990
2) Operator's well number
Y & O Coal No. 132
3) API Well No: 47 - 109 - 1183
State - County - Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

RECEIVED
DIVISION OF ENERGY
JAN 23 91
Permitting
Oil and Gas

4) Surface Owner(s) to be served:
(a) Name Georgia Pacific Corp.
Address P. O. Box 105605
Atlanta, GA 30348
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Rodney Dillon
Address P. O. Box 1526
Sophia, WV 25921
Telephone (304)- 683-3989

5) (a) Coal Operator: Oil and Gas
Name _____
Address _____
(b) Coal Owner(s) with Declaration
Name Youghiogheny & Ohio Coal Co.
Address 328 North Lake Drive
Prestonburg, KY 41653
Name Bellemead Coal Co.
Address c/o Trust Dept., Charleston Nat'l Bar.
Chas. Nat'l Plaza, Box 1113, Chas., WV 253
(c) Coal Lessee with Declaration
Name Ranger Fuel Corp.
Address P. O. Box 966
Beckley, WV 25802-0966

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
X Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 7 on the above named parties, by:

- _____ Personal Service (Affidavit attached)
- X Certified Mail (Postmarked postal receipt attached)
- _____ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator Schat Exploration Company
By: [Signature]
Its: _____ Designated Agent
Address _____ P. O. Box 766
_____ Charleston, WV 25323
Telephone _____ (304)925-0317

Subscribed and sworn before me this 12th day of April, 1990

[Signature] Notary Public
My commission expires November 6, 1995

ALLEGHENY
NUCLEAR
SURVEYS INC.

DIGITAL INDUCTION

Production

LOCATION MATHENY 7.5' QUAD
 PRVNC/CO. WYOMING
 FIELD CENTER DISTRICT
 WELL: Y & O COAL #132
 COMPANY: SONAT EXPLORATION COMPANY
 PERMIT NUMBER 47-109-01183
 COUNTRY/STATE USA / WEST VIRGINIA
 OTHER SERVICES
 NCS
 UCD

PERMANENT DATUM GROUND LEVEL ELEVATION 1004.45 FT
 LOG MEASURED FROM K.B.: 9 FT ABOVE PERMANENT DATUM
 DRILLING MEASURED FROM KELLY
 ELEVATIONS:
 KB 1069.45 FT
 DF 1001.48 FT
 PL 1001.45 FT

DATE	20-AUG-91	RUN NUMBER	ONE
DEPTH-DRILLER	3265 FT	DEPTH-LOGGED	3265 FT
FIRST READING	3265 FT	LAST READING	602 FT
CASING-DRILLER	1191.5 FT	CASING-LOGGER	1099 FT
BIT SIZE	7.075"	HOLE FLUID TYPE	AIR
DENS. VISC.		PIPE END LOSS	
SAMPLE SOURCE		RM @ MEAS. TEMP	
RM @ MEAS. TEMP		RM @ MEAS. TEMP	
SOURCE. RMF/RMC		RM @ 211	
TIME SINCE CIRC	6 HOURS	MAX REG. TEMP	97 DEGF
EQUIPMENT/BASE	264 CHA/VV	RECORDED BY	E. CLAUS
WITNESSED BY	HR. HUCK	WITNESSED BY	

