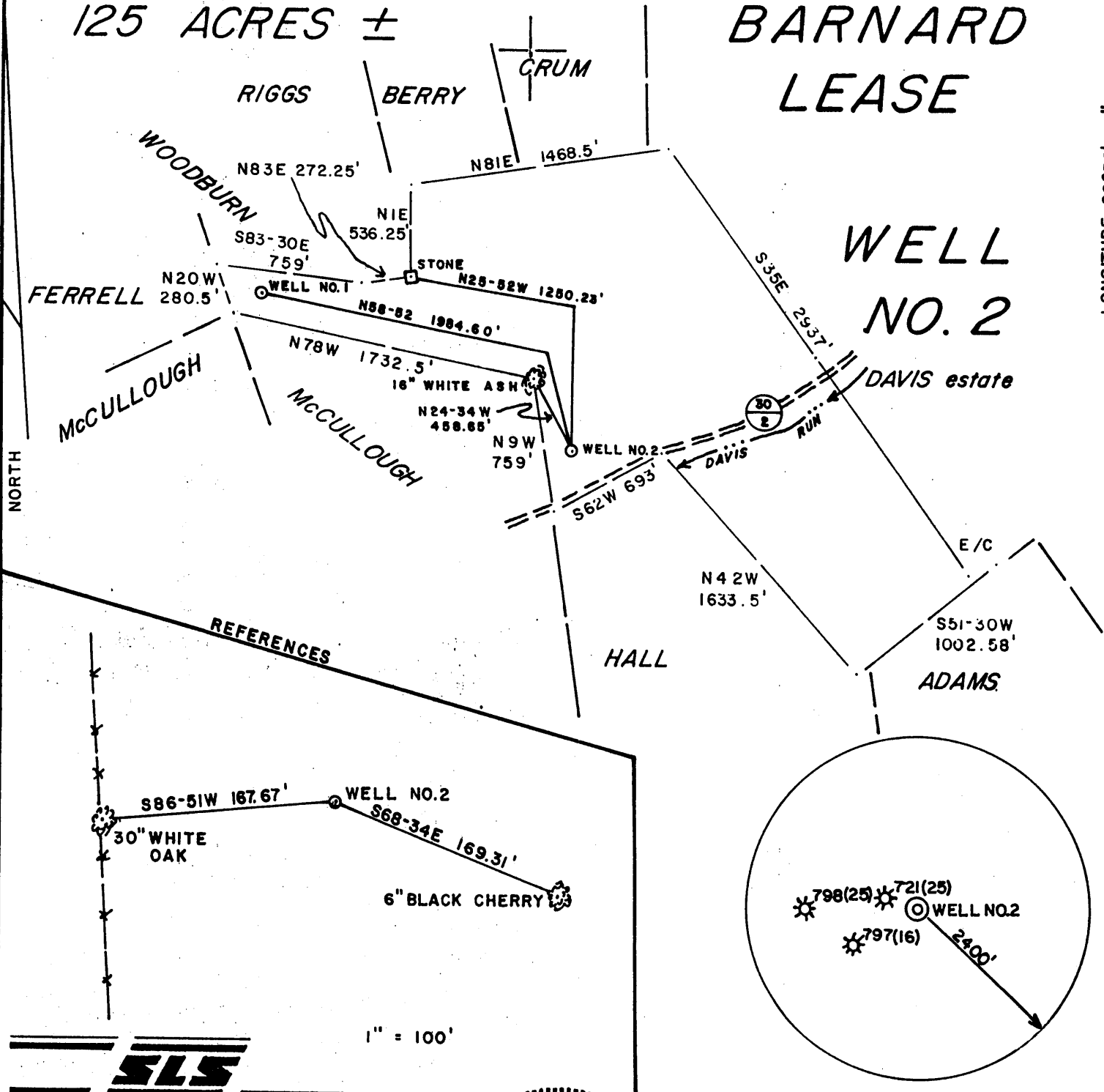


Jamie 4/7/89

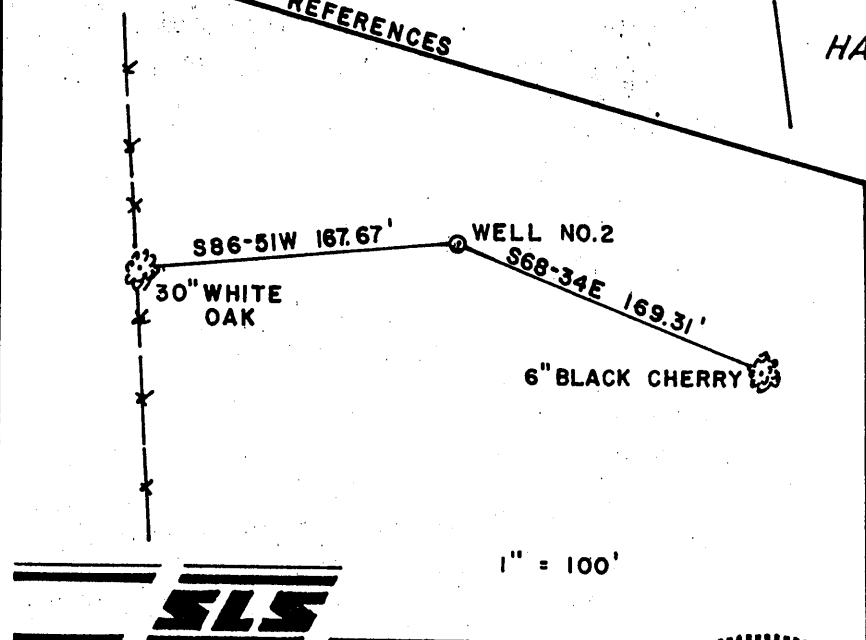
125 ACRES ±

BARNARD LEASE

WELL NO. 2



LONGITUDE 80° 52' 30"

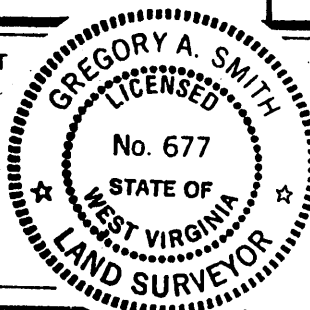


1" = 100'



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.

L.L.S. 677 *Gregory A. Smith*



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

DATE MARCH 17, 19 89
 OPERATORS WELL NO. BARNARD NO. 2
 API WELL NO. 47-095-1295
 STATE COUNTY PERMIT

Cancelled

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2034 (27-41)
 PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEV. = 1190' SCALE 1" = 800'

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 984' WATERSHED SANCHO CREEK
 DISTRICT CENTERVILLE COUNTY TYLER QUADRANGLE MIDDLEBOURNE 7.5'

SURFACE OWNER ANITA MARIE SHREVE ACREAGE 125
 ROYALTY OWNER JOHN BRADLEY BARNARD et. al. LEASE ACREAGE 125

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
 PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION BENSON
 ESTIMATED DEPTH 5100'

WELL OPERATOR EASTERN AMERICAN ENERGY CORP. DESIGNATED AGENT JOHN M. PALETTI
 ADDRESS BOX N GLENVILLE, WV 26351 ADDRESS 501 56th ST. CHARLESTON, WV

AUG 5 1991

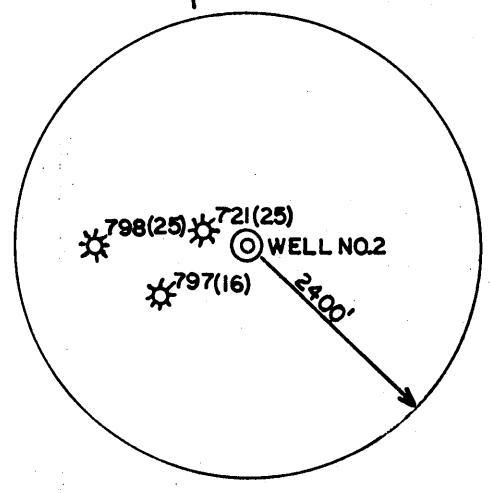
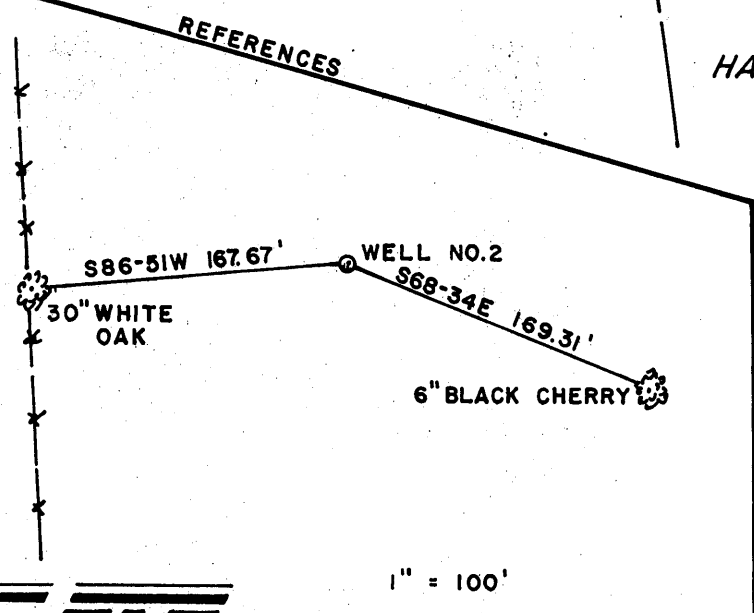
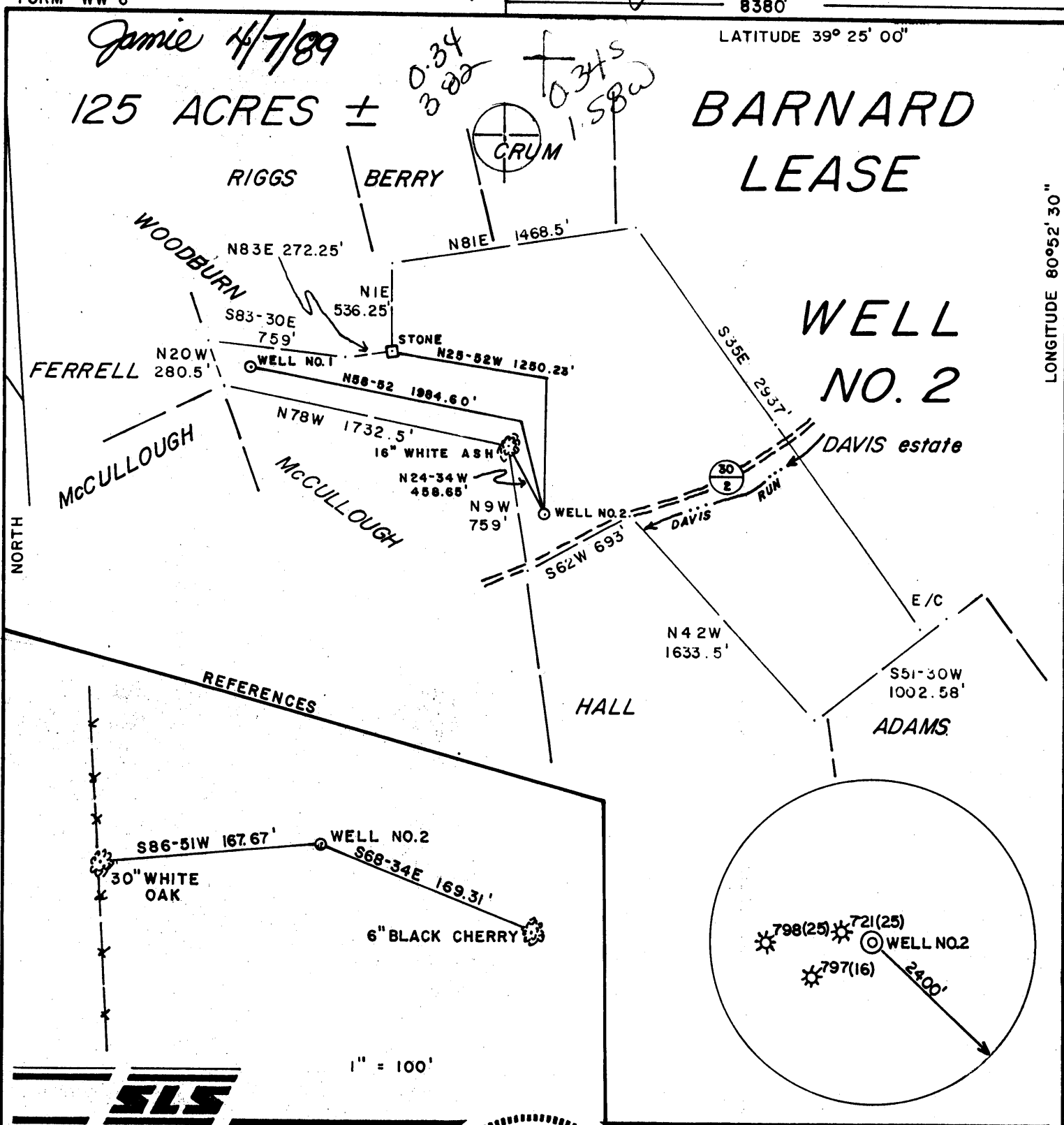
COUNTY NAME PERMIT

Jamie 4/7/89
125 ACRES ±

0.34
300
10345
1.58W

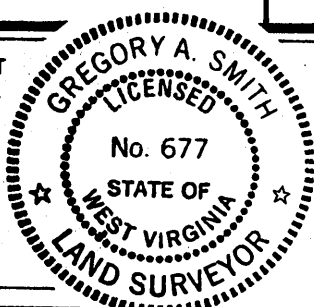
BARNARD LEASE

WELL NO. 2



1" = 100'

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.




L.L.S. *Gregory A. Smith*
677

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE MARCH 17, 19 89
 OPERATORS WELL NO. BARNARD NO. 2
WVTYLO00602
 API WELL NO. 47-095-1295
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2034 (27-41)
 PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEV. = 1190' SCALE 1" = 800'

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 984' WATERSHED SANCHO CREEK
 DISTRICT CENTERVILLE 1 COUNTY TYLER QUADRANGLE MIDDLEBOURNE 75'

SURFACE OWNER ANITA MARIE SHREVE ACREAGE 125 470
 ROYALTY OWNER JOHN BRADLEY BARNARD et. al. LEASE ACREAGE 125 133

PROPOSED WORK: LEASE NO. 5
 DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
 PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION BENSON
 ESTIMATED DEPTH 5100'

WELL OPERATOR EASTERN AMERICAN ENERGY CORP. DESIGNATED AGENT JOHN M. PALETTI
 ADDRESS BOX N GLENVILLE, WV 26351 ADDRESS 501 56th ST. CHARLESTON, WV

03 26508 80523 30

COUNTY NAME PERMIT

575

259

21

095-1295
Issued 4/21/89 Expires 4/21/91
Page 3 of 8

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

- 1) Well Operator: Eastern American Energy Corporation 14980 (1) 470
- 2) Operator's Well Number: BARNARD #2 - WVTY000602 3) Elevation: 984
- 4) Well type: (a) Oil / or Gas /
(b) If Gas: Production / Underground Storage /
Deep / Shallow /
- 5) Proposed Target Formation(s): Benson
- 6) Proposed Total Depth: 5,100 feet
- 7) Approximate fresh water strata depths: 100 , 240'
- 8) Approximate salt water depths: None 1300' - 1400'
- 9) Approximate coal seam depths: None
- 10) Does land contain coal seams tributary to active mine? Yes / No /
- 11) Proposed Well Work: Drill and complete new well.
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
<i>ok 4/3/89</i> Conductor	11"	F-25	37.5	150	150	<i>OTS BR</i>
Fresh Water	8 5/8"	J-55	20.0	1,150	1,150	C.T.S. 38CSR18-11.3
Coal						38CSR18-11.2 2
Intermediate						
Production	4 1/2"	J-55	10.5	5,040	5,040	38CSR18-11.1
Tubing	1 1/2"	H-40	2.75			
Liners						

RECEIVED
APR 05 1989

PACKERS : Kind _____
Sizes _____
Depths set _____
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

For Division of Oil and Gas Use Only

25-47
 Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Blanket Agent
 (Type)

8517

RECEIVED
APR 05 1989

**DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY**

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

1) Date: March 23, 1989
2) Operator's well number BARNARD #2 - WVTYL000602
3) API Well No: 47 - 095 - 1295
State - County - Permit

4) Surface Owner(s) to be served:
(a) Name Anita Marie Shreve
Address P.O. Box 24
New Martinsville, WV 26155
(b) Name _____
Address _____
(c) Name _____
Address _____

5) (a) Coal Operator:
Name None
Address _____
(b) Coal Owner(s) with Declaration
Name _____
Address _____
Name _____
Address _____

6) Inspector Glen P. Robinson
Address Rt. 1, #6 Mt. Pleasant Estate
Mineral Wells, WV 26150
Telephone (304)- 489-9162

(c) Coal Lessee with Declaration
Name _____
Address _____

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
XX 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 8 on the above named parties, by:
_____ Personal Service (Affidavit attached)
XX _____ Certified Mail (Postmarked postal receipt attached) Inspector Hand
_____ Publication (Notice of Publication attached) Delivered

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 Eastern American Energy Corporation
By: John M. Paletti
Its: Designated Agent
Address P.O. Box N
Glenville, WV 26351
Telephone (304) 462-5781

Subscribed and sworn before me this 23rd day of March, 1989

My commission expires July 2, 1996 Notary Public