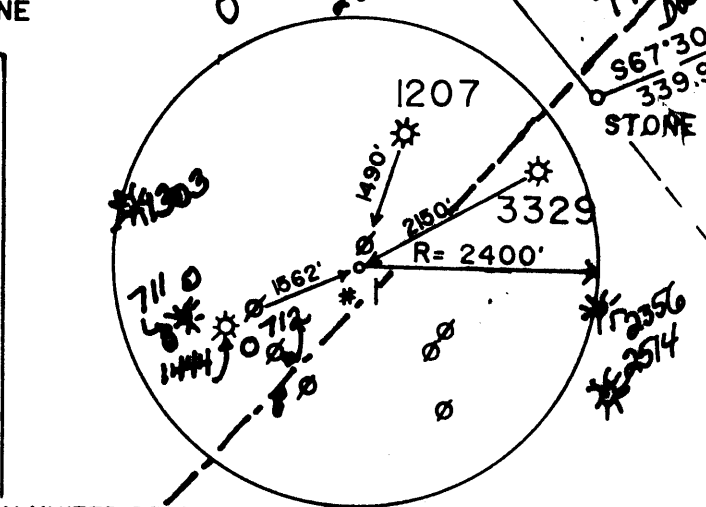
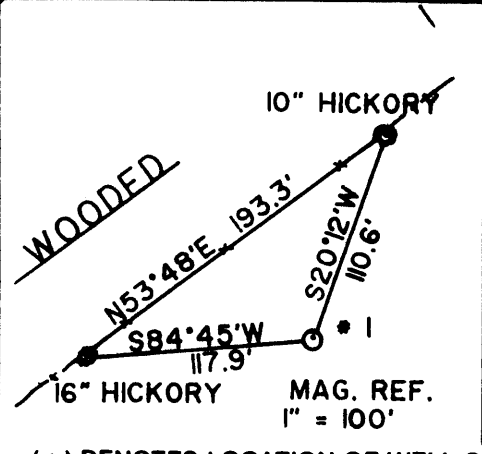
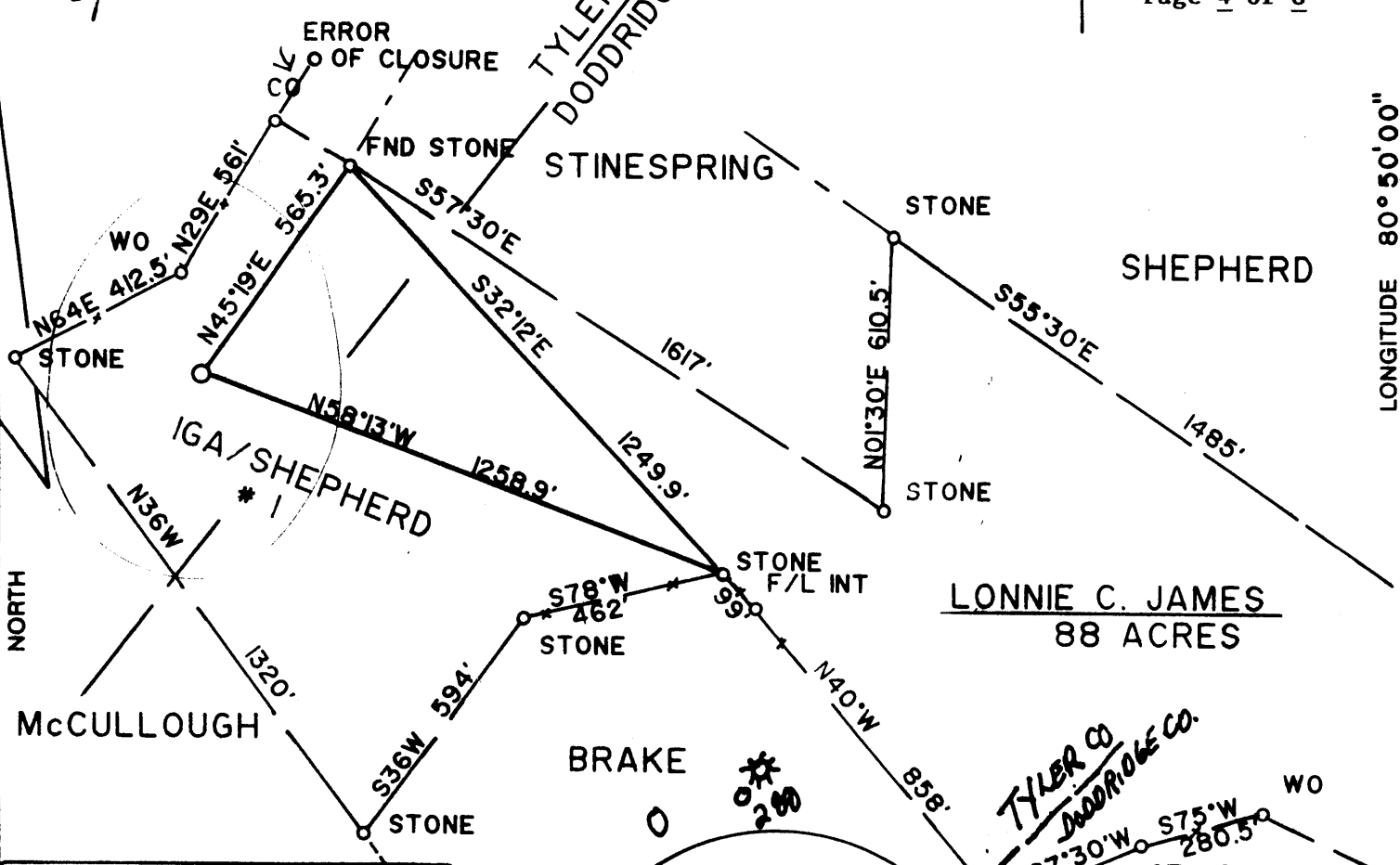


*Jamil*  
3/27/92

LATITUDE 39°20'00"  
7.5' TOPO

Page 4 of 8

LONGITUDE 80°50'00"



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

FILE NO. \_\_\_\_\_  
DRAWING NO. 92-03  
SCALE 1" = 400'  
MINIMUM DEGREE OF ACCURACY 1:200  
PROVEN SOURCE OF ELEVATION EL 775 RD INT SW OF LOCATION

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) [Signature]  
R.P.E. \_\_\_\_\_ L.L.S. 555  
BRYAN HANNON, WV



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

DATE MARCH 6, 19 92  
OPERATOR'S WELL NO. IGA/SHEPHERD #1  
API WELL NO. 47-095-1493  
STATE TYLER COUNTY TYLER PERMIT Cancelled

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

LOCATION: ELEVATION 1180 WATERSHED \_\_\_\_\_ SHORT RUN \_\_\_\_\_  
DISTRICT CENTERVILLE COUNTY TYLER  
QUADRANGLE WEST UNION

SURFACE OWNER LONNIE C. JAMES ACREAGE 88 AC±  
OIL & GAS ROYALTY OWNER LILLIAN M. SHEPHERD LEASE ACREAGE 88 AC±  
LEASE NO. WV02396+

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 5535'  
WELL OPERATOR EASTERN AMERICAN ENERGY CORPORATION DESIGNATED AGENT JOHN M. PALETTI  
ADDRESS BOX N GLENVILLE, WV 26351 ADDRESS 501 56th ST, CHARLESTON, WV 25304

FORM W.

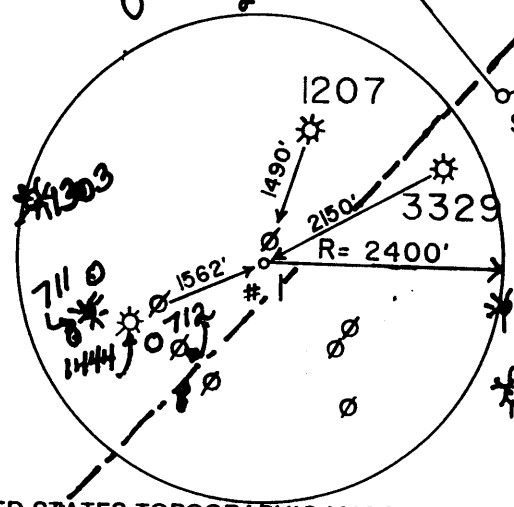
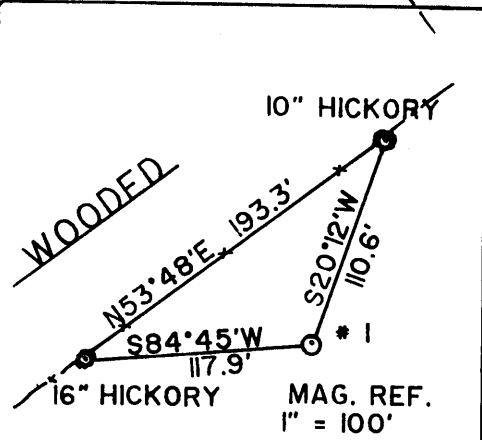
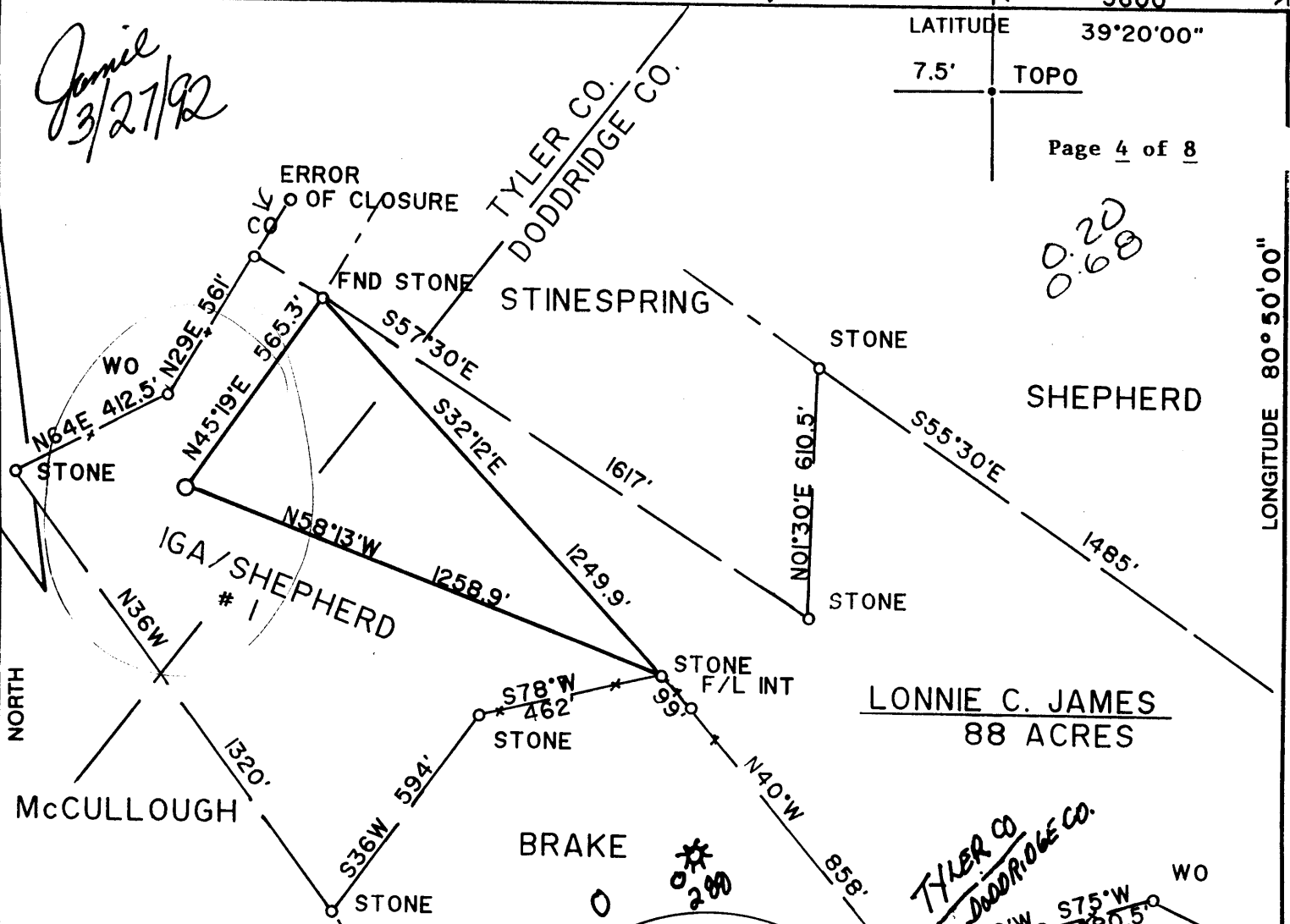
TYLER  
COUNTY NAME  
PERMIT  
1493

*Jamil*  
3/27/92

LATITUDE 39°20'00"  
7.5' TOPO

Page 4 of 8

0.20  
0.60

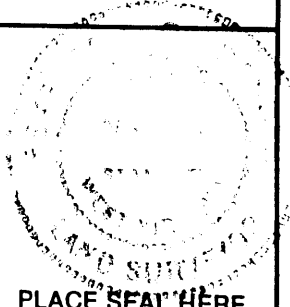


0.20  
0.68

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

FILE NO. \_\_\_\_\_  
DRAWING NO. 92-03  
SCALE 1" = 400'  
MINIMUM DEGREE OF ACCURACY 1:200  
PROVEN SOURCE OF ELEVATION EL 775 RD INT SW OF LOCATION

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) *Richard S. Dutton*  
R.P.E. \_\_\_\_\_ L.L.S. 555  
*BUCKHANNON, WV*



STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
OIL AND GAS DIVISION



DATE MARCH 6, 19 92  
OPERATOR'S WELL NO. IGA/SHEPHERD # 1  
API WELL NO. WVTYL001601

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
(IF "GAS,") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
LOCATION: ELEVATION 1180 WATERSHED \_\_\_\_\_ SHORT RUN \_\_\_\_\_  
DISTRICT CENTERVILLE 1 COUNTY TYLER  
QUADRANGLE WEST UNION 13

SURFACE OWNER LONNIE C. JAMES ACREAGE 88 AC±  
OIL & GAS ROYALTY OWNER LILLIAN M. SHEPHERD LEASE ACREAGE 88 AC±  
LEASE NO. WV02396+

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 5535'  
WELL OPERATOR EASTERN AMERICAN ENERGY CORPORATION DESIGNATED AGENT JOHN M. PALETTI  
ADDRESS BOX N GLENVILLE, WV 26351 259 ADDRESS 501 56th ST. CHARLESTON, WV 25304

COUNTY NAME  
PERMIT

FORM W.

095-1493  
 Drilled 4/1/92

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) 670
- 2) Operator's Well Number: IGA/SHEPHERD #1 3) Elevation: 1180'  
WVTYL001601
- 4) Well type: (a) Oil  / or Gas  /  
 (b) If Gas: Production  / Underground Storage  /  
 Deep  / Shallow
- 5) Proposed Target Formation(s): Alexander 439
- 6) Proposed Total Depth: 5535 feet
- 7) Approximate fresh water strata depths: 220', 663', 748'
- 8) Approximate salt water depths: 2195'
- 9) Approximate coal seam depths: 578' - 586'
- 10) Does land contain coal seams tributary to active mine? Yes  / No  /
- 11) Proposed Well Work: Drill and complete new well.
- 12)

RECEIVED  
 Office of Oil & Gas  
 Permitting  
 MAR 16 92  
 WV Division of  
 Environmental Protection

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	11-3/4"	F-25	32.0	40		
Fresh Water	8-5/8"	F-25	20.0	1300	1300	C.T.S. 38CSR18-11.3
Coal						38CSR18-11.2, 2
Intermediate						
Production	4-1/2"	J-55	10.5	5450	5450	38CSR18-11.1
Tubing						
Liners						

13409

PACKERS : Kind \_\_\_\_\_  
 Sizes \_\_\_\_\_  
 25144 Depths set \_\_\_\_\_

12

For Division of Oil and Gas Use Only

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

1) Date: March 13, 1992  
2) Operator's well number  
IGA/SHEPHERD #1 WVTYL001601  
3) API Well No: 47 - - -  
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

RECEIVED  
Office of Oil & Gas  
Mining

MAR 16 92

4) Surface Owner(s) to be served:	5) (a) Coal Operator:
(a) Name <u>Lonnie C. James</u>	Name <u>N/A</u>
Address <u>Rt. 1 Box 91 A</u>	Address _____
<u>Greenwood, WV 26360</u>	
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>N/A</u>
	Address _____
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Mike Underwood</u>	(c) Coal Lessee with Declaration
Address <u>Rt. 2 Box 135</u>	Name <u>N/A</u>
<u>Salem, WV 26426</u>	Address _____
Telephone <u>(304)-782-1043</u>	

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:

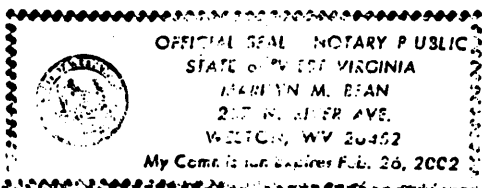
- Personal Service (Affidavit attached)
- XX Certified Mail (Postmarked postal receipt attached)
- Publication (Notice of Publication attached)

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



Subscribed and sworn before me this 13<sup>th</sup> day of March, 1992

Marilyn M. Bean Notary Public  
My commission expires February 26, 2002.