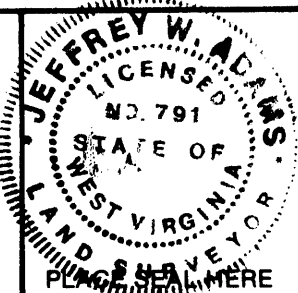


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Road junction 2450' SW of Location: elev. 1873'

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) Jeffrey W. Adams
 R.P.E. _____ L.L.S. 791



STATE OF WEST VIRGINIA
 Division of Environmental Protection
 OFFICE OF OIL AND GAS



DATE August 20, 19 93
 OPERATOR'S WELL NO. A-1971
 API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE X DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1910 WATERSHED Cabun Creek
 DISTRICT Clinton COUNTY Monongalia

47 - 061 - 1125
 STATE COUNTY PERMI

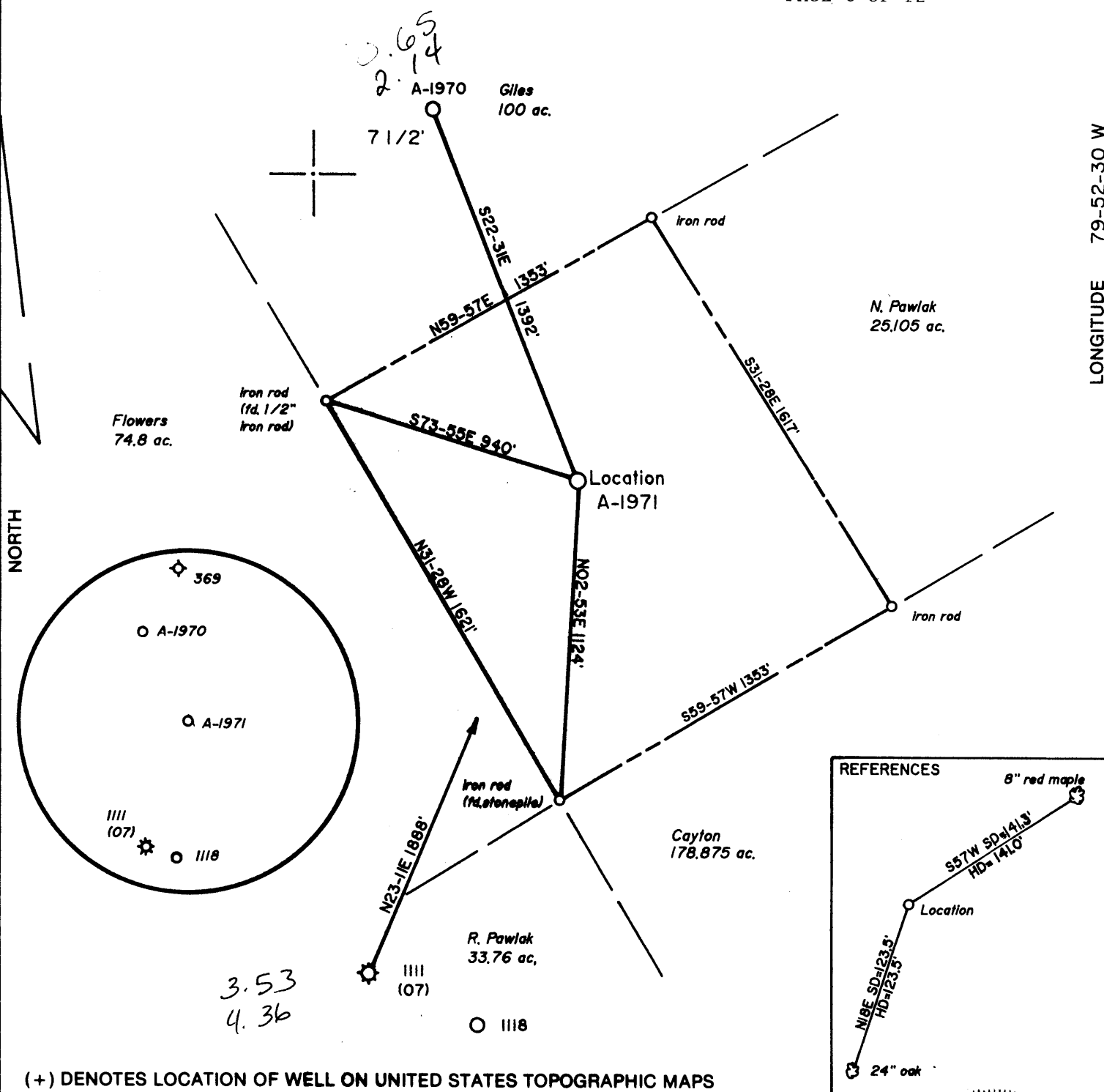
QUADRANGLE Morgantown 7 1/2'
 SURFACE OWNER Rebecca Pawlak ACREAGE 50.21
 OIL & GAS ROYALTY OWNER Rebecca Pawlak et al LEASE ACREAGE 50.21 Out of 100
 LEASE NO. 4626

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

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Baltimore/Speechley ESTIMATED DEPTH 3000
 WELL OPERATOR Alamco, Inc. DESIGNATED AGENT Marty Perri
 ADDRESS P.O. Box 1740, Clarksburg, WV 26302-1740 ADDRESS P.O. Box 1740, Clarksburg, WV 26302-1740

FORM WW-6

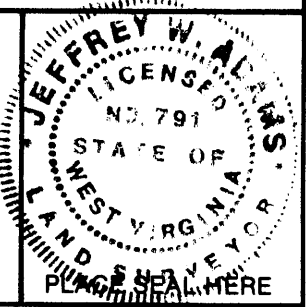
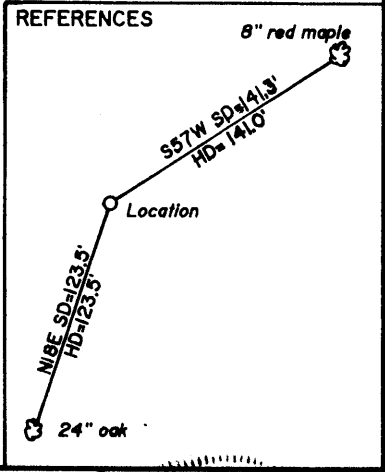
COUNTY NAME PERMIT



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

FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Road junction 2450'
SW of Location: elev. 1873'

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) Jeffrey W. Adams
 R.P.E. _____ L.L.S. 791



STATE OF WEST VIRGINIA
 Division of Environmental Protection
 OFFICE OF OIL AND GAS

DATE August 20, 19 93
 OPERATOR'S WELL NO. A-1971
 API WELL NO. 47-061-1125

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE X DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1910 WATERSHED Cobun Creek
 DISTRICT Clinton COUNTY Monongalia
 QUADRANGLE Morgantown 7 1/2' 15 50

SURFACE OWNER Rebecca Pawlak ACREAGE 50.21
 OIL & GAS ROYALTY OWNER Rebecca Pawlak et al LEASE ACREAGE 50.21 Out of 100
 LEASE NO. 4626

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

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Balltown/Speechley ESTIMATED DEPTH 3000
 WELL OPERATOR Alamco, Inc. DESIGNATED AGENT Marty Perri
 ADDRESS P.O. Box 1740, Clarksburg, WV 26302-1740 ADDRESS P.O. Box 1740, Clarksburg, WV 26302-1740

FORM WW-6

COUNTY NAME PERMIT

RECEIVED
 FORM WW-2B
 OCT 15 1995
 DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

061-1125
 issued 11/6/93
 Page 3 of 12
 Expires 11/01/95

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

18083

Well Operator: ALAMCO, INC. 010 (975) (4) 485

Operator's Well Number A-1971 (PAWLAK) 3) Elevation: 1,910'

Well type: (a) OIL ___/ or GAS XX/

(b) If Gas: Production XX/ Underground Storage ___/

Deep ___/ 433 Shallow XX/

Proposed Target Formation(s): Balltown, Speechley

Proposed Total Depth: 3,000 feet

7) Approximate fresh water strata depths: 180' hole damp

8) Approximate salt water depths: NONE

9) Approximate coal seam depths: NO COAL REPORTED

10) Does land contain coal seams tributary to active mine? Yes ___/ No XX

11) Proposed Well Work: SEE ATTACHED

12) CASING AND TUBING PROGRAM

TYPE	SIZE	GRADE	WEIGHT PER FT.	FOR DRILLING	FOOTAGE INTERVALS	CEMENT
Conductor	11-3/4"	LS	32#	40'	40'	NONE
Fresh Water						
Coal						
Intermediate	8-5/8"	J-55	24#	700'	700'	As reg. by 38 CSR 18-11-38
Production	4-1/2"	M-75	11.60	2,900'	2,900'	As reg. by 38 CSR 38-11-
Tubing						
Liners						

PACKERS: Kind NONE
 Sizes --
 Depths Set --

0 78/32
 21

For Division of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP

Plat WW-9 WW-2B Bond Blanket Agent

TYPE

T

1) Date: September 1, 1993
2) Operator's well number
A-1971 (Pawlak)
3) API Well No: 47 - 061 - 1125
State - County - Permit

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

<p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>Rebecca J. Pawlak</u> Address <u>8525 Shoal Creek Blvd Apt 205</u> <u>Austin, TX 78758</u></p> <p>(b) Name <u>Daniel Mack Pawlak</u> Address <u>12005 SW 110 St. Circ. East</u> <u>Miami, Florida 33186</u></p> <p>(c) Name <u>Nicholas Alan Pawlak</u> Address <u>8525 Shoal Creek Blvd.</u> <u>Austin, TX 78758</u></p>	<p>5) (a) Coal Operator: Name <u>NONE OF DECLARATION</u> Address _____</p> <p>(b) Coal Owner(s) with Declaration Name <u>Richard D. Herstine</u> Address <u>709 Liberty Street</u> <u>Morgantown, WV 26505</u> Name _____ Address _____</p> <p>(c) Coal Lessee with Declaration Name <u>NONE OF DECLARATION</u> Address _____</p>
<p>6) Inspector <u>Randal Mick</u> Address <u>111 Blackshere Drive</u> <u>Mannington, WV 26582</u> Telephone <u>(304)-986-3324</u></p>	

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 11 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 ALAMCO, INC.
 By: Marty Lane
 Its: Manager, Land
 Address P. O. Box 1740
Clarksburg, WV 26302-1740
 Telephone 304 623-6671

Subscribed and sworn before me this 29th day of September, 1993

Elsie M. Cox Notary Public
 My commission expires December 9, 2002

WELL OPERATOR ALAMCO, INC.
OPERATOR WELL NO: A-1971 PAWLAK
FILE NUMBER 47-061- 1125

11. Proposed Well Work:

Well A-1971 will be drilled to approximately 700' KB. The 8-5/8" casing will be set at approximately 700' KB and then cemented to surface. The well will then be drilled to 2,900' KB and the 4-1/2" casing set at approximately 2,900' KB. The 4-1/2" casing will be cemented to 1,100' KB. The well will then be hydraulically fractured in the Balltown/Speechley Formations.

12. Plan for partial abandonment:

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