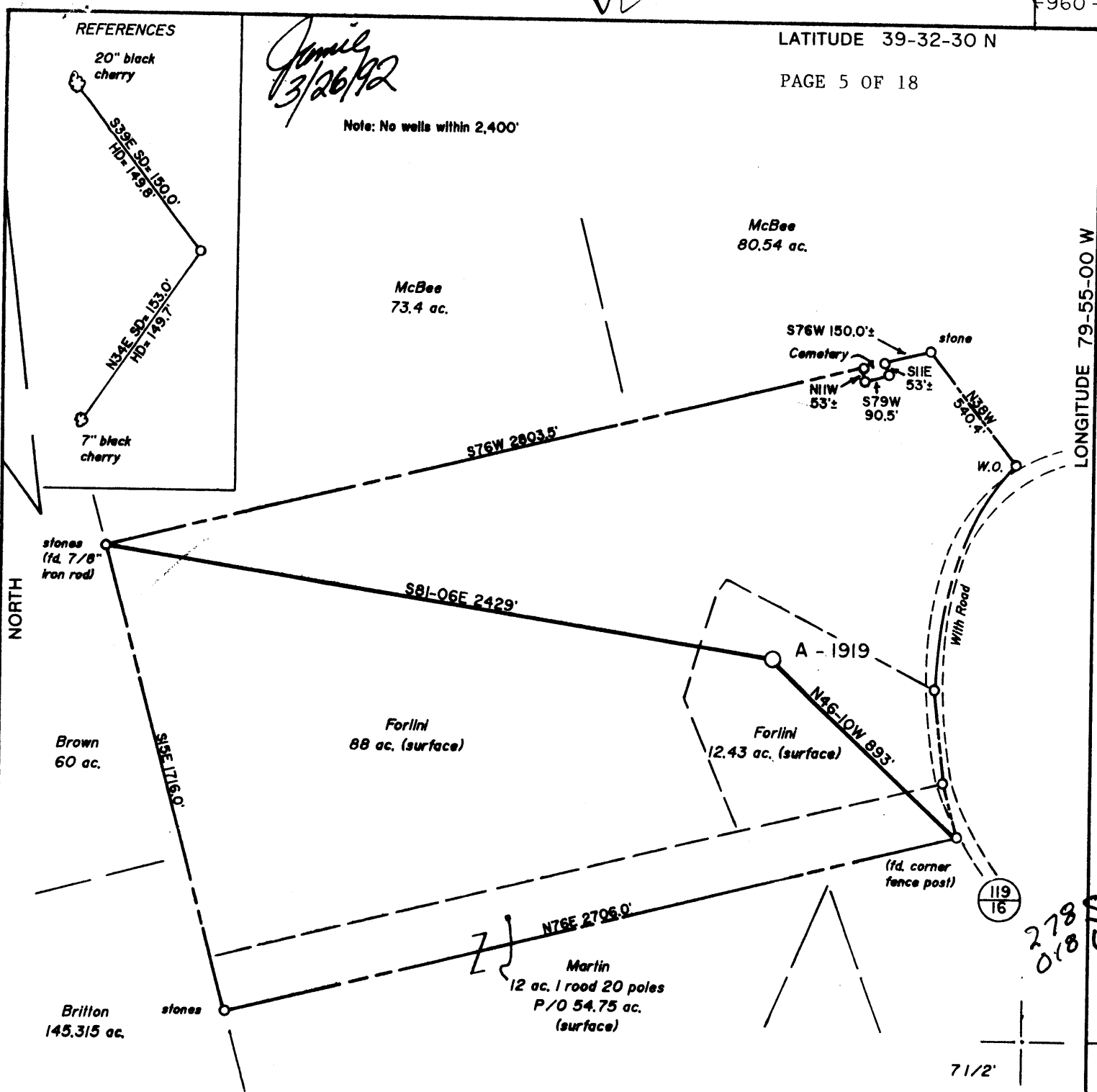


Janice
3/26/92

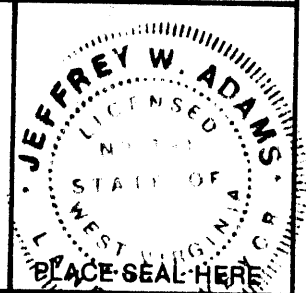
Note: No wells within 2,400'



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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Spot elev. 4,800' North of Location: elev. 1957

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 March 19
 OPERATOR'S WELL NO. A-1919
 API WELL NO. 47-061-01098
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1982 WATER SHED Boyd Run
 DISTRICT Clinton COUNTY Monongalia
 QUADRANGLE Morgantown South 7 1/2' + 15' SW

SURFACE OWNER Geraldine Forlini Toth, et al. ACREAGE 12.43
 OIL & GAS ROYALTY OWNER Geraldine Forlini Toth, et al. LEASE ACREAGE 101
 LEASE NO. 4624

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 ___

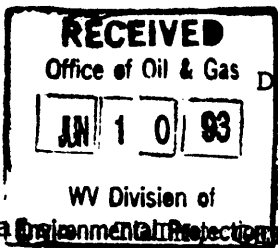
TARGET FORMATION Huntersville / Chert ESTIMATED DEPTH 7900
 WELL OPERATOR Alamco, Inc. DESIGNATED AGENT Marty Perri
 ADDRESS P.O. Box 1740, Clarksburg, WV 26302-1740 ADDRESS P.O. Box 1740, Clarksburg, WV 26302-1740

DEEP WELL 6-6 S. Burns Chapel (313)

FORM WW-6

COUNTY NAME

PERMIT



State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: Environmental Protection RALDINE F. ETAL. Operator Well No.: FORLINI A-1919

LOCATION: Elevation: 1982' Quadrangle: Morgantown South (484)

District: CLINTON County: MONONGALIA
Latitude: 14575 Feet South of 39 Deg. 32 Min. 30 Sec.
Longitude 960 Feet West of 79 Deg. 55 Min. 0 Sec.

Company: ALAMCO, INC.
200 W. MAIN ST., P.O. BOX 1740
CLARKSBURG, WV 26302-1740

Agent: MARTY L. PERRI

Inspector: RANDAL MICK
Permit Issued: 03/26/93
Well work Commenced: 04/29/93
Well work Completed: 05/19/93
Verbal Plugging
Permission granted on: _____
Rotary x Cable _____ Rig
Total Depth (feet) 8010' Drlg. TD
Fresh water depths (ft) 100'; 450'

Salt water depths (ft) 944'

Is coal being mined in area (Y/N)? N
Coal Depths (ft): None

| Casing & Tubing Size | Used in Drilling | Left in Well | Cement Fill Up Cu. Ft. |
|----------------------|------------------|--------------|------------------------|
| 11-3/4 | 605.95' | 605.95' | 425 cu. |
| 8-5/8 | 1294.20' | 1294.20' | 484 cu. |
| 4-1/2* | - | 7978.35' | 318 cu. & 174 cu. |
| | | | |
| | | | |

*Cemented in 2 stages.

OPEN FLOW DATA

Producing formation Chert Pay zone depth (ft) 7680-7760
Gas: Initial open flow 84 MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 2100 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 4 Hours
Static rock Pressure 2925 psig (surface pressure) after 24 Hours

Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: ALAMCO, INC.

JUN 11 1993

Reviewed TM6
Recorded _____

By: [Signature] Richard R. Hoffman
Date: _____

Formations: 0-1,132' Drillers Log Book - 1,132' TD from Gamma Ray Log

| <u>Top</u> | <u>Bottom</u> | <u>Type</u> | <u>Water, Coal, Gas</u> |
|------------|---------------|-----------------|---|
| 0 | 10 | Clay | 2" @ 100'; 1-1/2" @ 450'; 1-1/2" @ 944' |
| 10 | 70 | SH | |
| 70 | 240 | Sand | <u>Coal:</u> None |
| 240 | 462 | SD & SH | |
| 462 | 498 | Sand | <u>Gas Checks:</u> 2125' 155 MCF/D 2685' 155 MCF/D 2778' 189 MCF/D 2840' 169 MCF/D 2903' 133 MCF/D 6009' 119 MCF/D 7236' 103 MCF/D 8010' 60 MCF/D |
| 498 | 735 | SH & RR | |
| 735 | 783 | Lime | |
| 783 | 795 | SD & SH | |
| 795 | 841 | Big Lime | |
| 841 | 1030 | Big Injun | |
| 1030 | 1132 | SD & SH | |
| 1132 | 1912 | SD & SH | |
| 1912 | 2522 | SH | |
| 2522 | 2550 | Sand | |
| 2550 | 7196 | SH & Silt | <u>Perforations:</u> Perforated with 28 holes from 7689' - 7805' |
| 7196 | 7358 | Tully Lime | |
| 7358 | 7568 | SH | |
| 7568 | 7678 | Marcellus Shale | |
| 7678 | 7860 | Onondaga Chert | |
| 7860 | 7892 | Oriskany | |
| 7892 | 8010 | Helderberg | |

Fracture:

On 06/02/93 treated with 1000 gal.
15% Hcl and 300 BBL treated water

On 06/04/93 treated with 15,000#
80/100 sand and 60,000# 20/40 sand
in 30# gel system with 5% HCl
throughout.

17028

RECEIVED

WV Division of Environmental Protection

FORM WW-2B

MAR 25 93

061-1098
Issued 3/26/93
Expires 3/26/95

Page 3 of 18

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

- 1) Well Operator: ALAMCO, INC. 010 (975) 484
- 2) Operator's Well Number A-1919 (FORLINI UNIT) 3) Elevation: 1982
- 4) Well type: (a) OIL / or GAS XX /
(b) If Gas: Production XX / Underground Storage /
Deep XX / Shallow /
- 5) Proposed Target Formation(s): Huntersville Chert 483
- 6) Proposed Total Depth: 8,000 feet
- 7) Approximate fresh water strata depths: N/A
- 8) Approximate salt water depths: N/A
- 9) Approximate coal seam depths: N/A
- 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. | FOOTAGE INTERVALS | CEMENT | |
|--------------|---------|-------|----------------|-------------------|--------------|---|
| | | | | FOR DRILLING | LEFT IN WELL | FILL-UP (Cu. Ft.) |
| Conductor | 11-3/4" | LS | 32# | 40' | 40' | NONE |
| Fresh Water | | | | | | |
| Coal | | | | | | |
| Intermediate | 8-5/8" | R-3 | 24# | 1,250' | 1,250' | As required by 38 CSR 18-11- |
| Production | 4-1/2" | M-75 | 11.60# | 7,950' | 7,950' | 38 CSR 18-11- As required by 38 CSR 38-11- |
| Tubing | | | | | | |
| Liners | | | | | | |

PACKERS: Kind NONE
Sizes --
Depths Set --

076178
6

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

1) Date: March 22, 1993
2) Operator's well number
A-1919 (FORLINI UNIT)
3) API Well No: 47 - 061 - 1098
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:
(a) Name Geraldine Forlini Toth
Address 280 North Main Street
Star City, WV 26505
(b) Name Ergia Forlini Wright
Address 717 Madigan Avenue
Morgantown, WV 26505
(c) Name Antonietta Forlini
Address 669 Elysian Avenue
Morgantown, WV 26505
6) Inspector Randal Mick
Address 111 Blackshere Drive
Mannington, WV 26582
Telephone (304)-987-3324

5) (a) Coal Operator:
Name NONE OF RECORD
Address _____
(b) Coal Owner(s) with Declaration
Name Same as surface owner
Address _____
Name _____
Address _____
(c) Coal Lessee with Declaration
Name NONE OF RECORD
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 17 on the above named parties, by:

- XX Personal Service (Affidavit attached)
- ___ 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: Marta Ferris
Its: Manager, Land
Address P. O. Box 1740
Clarksburg, WV 26301
Telephone 304 623-6671

Subscribed and sworn before me this 22nd day of March, 19 93

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