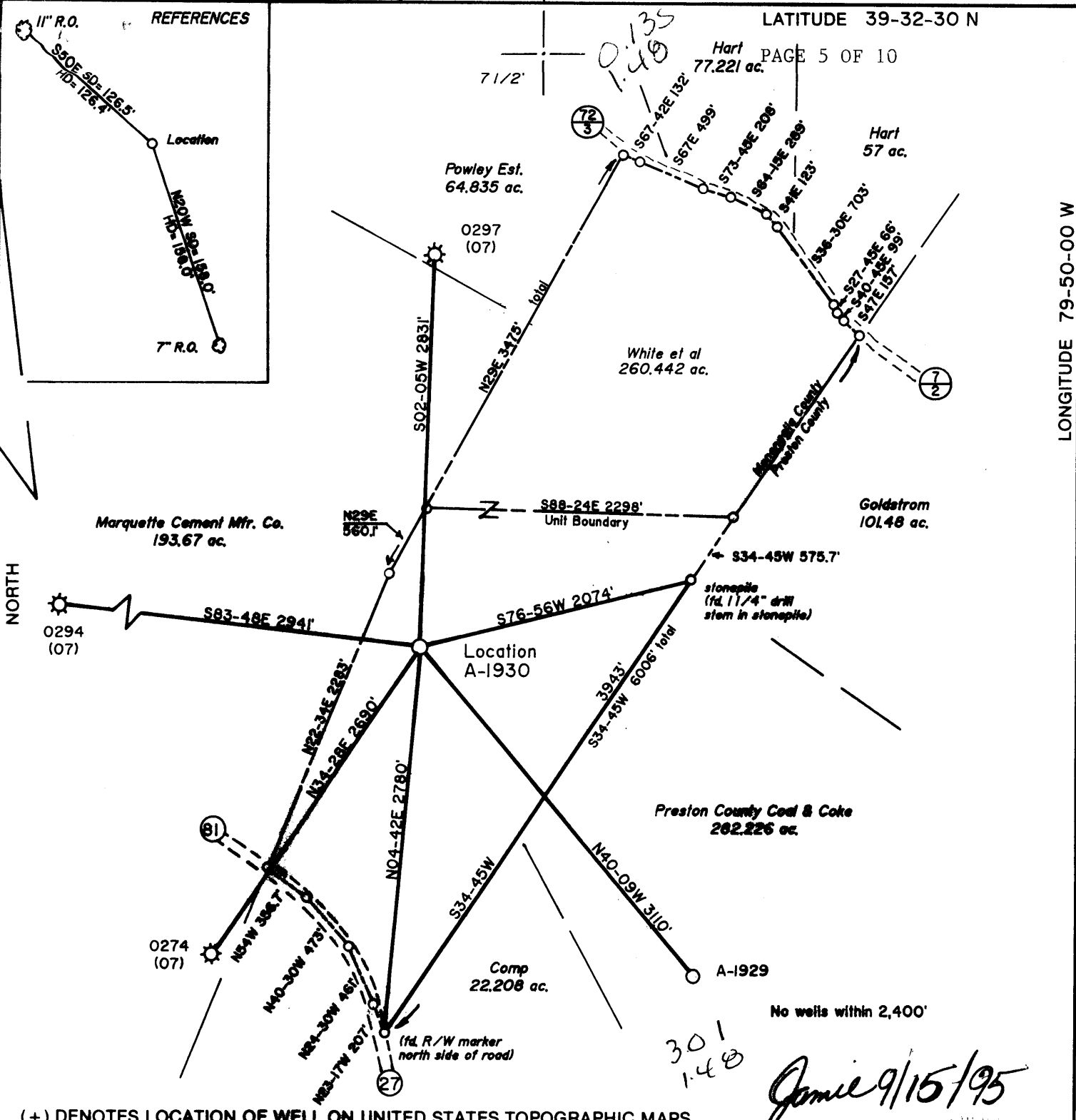
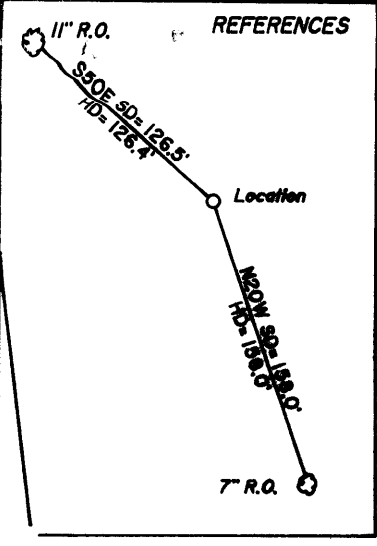


7,800

LATITUDE 39-32-30 N

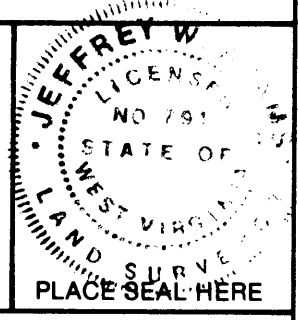
PAGE 5 OF 10



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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Spot elevation 1600'
SE of Location: elev. 2189'

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 D. Adam
 R.P.E. _____ L.L.S. 791



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

DATE May 14, 19 93
 OPERATOR'S WELL NO. A-1930
 API WELL NO. _____

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

LOCATION: ELEVATION 2208 WATER SHED Laurel Run
 DISTRICT Clinton COUNTY Monongalia
 QUADRANGLE Masontown 7 1/2' Mgnt 5L

SURFACE OWNER ALLEGHENY WOOD PRODUCTS, INC ACREAGE 260.442
 OIL & GAS ROYALTY OWNER Mary A. White Heirs LEASE ACREAGE 262.25
 LEASE NO. 4276

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 Helderberg ESTIMATED DEPTH 8200 6-6 313
 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

FORM WW-6

LONGITUDE 79-50-00 W

COUNTY NAME PERMIT

NOV 17 1995

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

Permitting
 Office of Oil & Gas

Well Operator's Report of Well Work

Farm name: ALLEGHENY WOOD PRODUCTS Operator Well No.: A-1930 (WHITE)

LOCATION: Elevation: 2,208.00 Quadrangle: MASONTOWN

District: CLINTON County: MONONGALIA
 Latitude: 725 Feet South of 39 Deg. 32Min. 30 Sec.
 Longitude 7800 Feet West of 79 Deg. 50 Min. 0 Sec.

Company: ALAMCO, INC.
 P. O. BOX 1740
 CLARKSBURG, WV 26302-1740

Agent: MARTY L. PERRI

Inspector: RANDAL MICK
 Permit Issued: 09/14/95
 Well work Commenced: 09/29/95
 Well work Completed: 10/25/95
 Verbal Plugging _____
 Permission granted on: _____
 Rotary x Cable _____ Rig _____
 Total Depth (feet) 8275
 Fresh water depths (ft) 80
 Salt water depths (ft) None

| Casing & Tubing Size | Used in Drilling | Left in Well | Cement Fill Up Cu. Ft. |
|----------------------|------------------|--------------|-----------------------------|
| 16" | 20' | - | - |
| 11-3/4" | 304' | 304' | Cmt. to surface 150 Sks. |
| 8-5/8" | 2101' | 2101' | Cmt. to surface 615 Sks. |
| 4-1/2" | - | 8245' | 150 Sks. |

Is coal being mined in area (Y/N)? N
 Coal Depths (ft): 75-80 Ft., 208-213 Ft.

OPEN FLOW DATA

Producing formation Huntersville Chert Pay zone depth (ft) 8012
 Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/d
 Final open flow 2700 MCF/d Final open flow 0 Bbl/d
 Time of open flow between initial and final tests 4 Hours
 Static rock Pressure 2687 psig (surface pressure) after 72 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.
 By: R. Mark Harbitt
 Date: 11/14/95

Formations: 0-671' from Drillers Log Book - 671' to TD from Gamma Ray Log

| <u>Top</u> | <u>Bottom</u> | <u>Type</u> | <u>Water, Coal, Gas</u> | |
|------------|---------------|--------------|------------------------------------|-----|
| 0 | 38 | SD | <u>Water:</u> Damp @ 22' | |
| 38 | 50 | SH | 1" Stream @ 80' | |
| 50 | 75 | SD | | |
| 75 | 80 | Coal | <u>Coal:</u> 75 - 80' | |
| 80 | 208 | SH | 208 - 213' | |
| 208 | 213 | Coal | | |
| 213 | 240 | SH | <u>Oil:</u> None | |
| 240 | 260 | SD & SH | | |
| 260 | 335 | SD | <u>Gas Checks:</u> | |
| 335 | 671 | SD & SH | | |
| 671 | 683 | Little Lime | 950' | N/S |
| 683 | 711 | SH | 2016' | N/S |
| 711 | 802 | Big Lime | 3760' | N/S |
| 802 | 821 | Keener | 5254' | N/S |
| 821 | 835 | SH | 7184' | N/S |
| 835 | 911 | Big Injun | 8275' | N/S |
| 911 | 942 | Squaw | | |
| 942 | 1031 | SH | | |
| 1031 | 1137 | Weir | <u>Treatment and Perforations:</u> | |
| 1137 | 1260 | SH | Stimulation: 10/24/95 | |
| 1260 | 1269 | Gantz | Perforations: (7892-8012') | |
| 1269 | 1298 | SH | Huntersville Chert - 26 Holes | |
| 1298 | 1332 | 50' | | |
| 1332 | 1606 | SH | Frac: WF-30 w/ | |
| 1606 | 1614 | Gordon | 15,000# 80/100 Sand and | |
| 1614 | 1800 | SH | 60,000# 20/40 Sand in 1200 BBLs | |
| 1800 | 1849 | 4th Sand | total Fluid w/5% Hcl throughout. | |
| 1849 | 1894 | SH | | |
| 1894 | 1907 | 5th Sand | | |
| 1907 | 1957 | SD & SH | | |
| 1957 | 2017 | Bayard | | |
| 2017 | 2641 | SH | | |
| 2641 | 2671 | Speechley | | |
| 2671 | 2797 | Balltown | | |
| 2797 | 7389 | SH | | |
| 7389 | 7487 | Tulley | | |
| 7487 | 7776 | SH | | |
| 7776 | 7871 | Marcellus | | |
| 7871 | 7887 | Onondaga | | |
| 7887 | 8045 | Huntersville | | |
| 8045 | 8079 | Needmore | | |
| 8079 | 8137 | Oriskany | | |
| 8137 | 8275 | Helderberg | | |
| | 8275 | Dlg. TD | | |
| | 8275 | Log TD | | |

MAY 09 1995

Permitting Office of STATE OF WEST VIRGINIA

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

061-1210
Issued 09/14/95
Expires 09/14/97
Page 3 of 10

-) Well Operator: ALAMCO, INC. (975) (4) 461
-) Operator's Well Number A-1930 (WHITE) 3) Elevation: 2208'
-) Well type: (a) OIL ___/ or GAS XX /
(b) If Gas: Production XX / Underground Storage ___/
Deep XX / Shallow ___/
-) Proposed Target Formation(s): Huntersville Chert 463
-) Proposed Total Depth: 8,200 feet
-) Approximate fresh water strata depths: 290
-) Approximate salt water depths: None
-) Approximate coal seam depths: 47'-52'; 173'-179'; 231'-326'
- 0) Does land contain coal seams tributary to active mine? Yes ___/ No XX /
- 1) Proposed Well Work: SEE ATTACHED
- 2) 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" | LS | 32# | 40' | 40' | NONE |
| Fresh Water | | | | | | |
| Coal | | | | | | |
| Intermediate | 8-5/8" | J-55 | 24# | 1,200' | 1,200' | As required by 38 CSR 18-11-1 |
| Production | 4-1/2" | M-75 | 11.60 | 8,200' | 8,200' | As required by 38 CSR 38-11- |
| Tubing | | | | | | |
| Liners | | | | | | |

ACKERS: Kind NONE
 Sizes ---
 Depths Set ---

088240
26

For Division of Oil and Gas Use Only

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

Plat WW-9 WW-2B Bond LL Blumfeld Agent
 TYPE

Environmental Protection
MAY 09 1995

Permitting
Office of Oil & Gas

1) Date: May 14, 1995
2) Operator's well number
A-1930 (WHITE)
3) API Well No: 47 - 061 - 1210
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 Allegheny Wood Products, Inc.
 - Address P. O. Box 130
Kingwood, WV 26537
 - (b) Name _____
 - Address _____
 - (c) Name _____
 - Address _____
- 5) (a) Coal Operator:
 - Name NONE OF DECLARATION
 - Address _____
 - (b) Coal Owner(s) with Declaration
 - Name Frank P. Corbin, Jr. & Darst C. Dyer
 - Address 508 Monongahela Building
Morgantown, WV 26505
 - Name _____
 - Address _____
 - (c) Coal Lessee with Declaration
 - Name _____
 - Address _____
- 6) Inspector Randall Mick
- Address 111 Blackshere Drive
Mannington, WV 26582
- Telephone (304)- 986-3324

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 9 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 Lewis
Its: MANAGER, LAND
Address P. O. Box 1740
Clarksburg, WV 26302-1740
Telephone 304 623-6671

Subscribed and sworn before me this 14th day of May, 1993
John M. Cox Notary Public
My commission expires December 9, 2002

MAY 09 1995

ATTACHMENT TO:
FORM WW-2BPermitting
Office of Oil & Gas

WELL OPERATOR ALAMCO, INC.
OPERATOR WELL NO: A-1930
FILE NUMBER 47-061- 1200

11. Proposed Well Work:

Well A-1930 will be drilled to approximately 1,250' KB. The 8-5/8" casing will be set at approximately 1,200' KB and then cemented to surface. The well will then be drilled to 8,250' KB and the 4-1/2" casing set at approximately 8,200' KB. The 4-1/2" casing will be cemented to 6,500' KB. The well will then be hydraulically fractured in the Huntersville Chert Formation.

12. Plan for partial abandonment:



STATE OF WEST VIRGINIA
OIL AND GAS CONSERVATION COMMISSION
#10 McJUNKIN ROAD
NITRO, WEST VIRGINIA 25143-2506

September 13, 1995

Division of Environmental Protection
Office of Oil and Gas
Nitro, West Virginia

Re: Application for Permit #47-061-01210 to drill deep well.

COMPANY: ALAMCO, INC.

FARM: Mary A. White Heirs #A-1930

COUNTY: Monongalia DISTRICT: Clinton QUAD: Masontown

The application of the above company is Approved for Helderburg.
(Approved or Disapproved)

Applicant has complied with the provisions of Chapter twenty-two, eight (22-8), of the Code of West Virginia, nineteen hundred and thirty-one (1931), as amended, Oil and Gas Conservation Commission as follows:

1.) Provided a certified copy of duly acknowledged and recorded consent and easement form from all surface owner; **yes**

2.) Provided a tabulation of all deep wells within one mile of the proposed location, including the Api number of the deep well, well name, and the name and address of operator and; ***yes**

3.) Provided a plat showing that the proposed location is a distance of 1,000 feet from the nearest unit boundary and showing the following wells drilled to or capable of producing from the objective formation within 3,000 feet of the proposed location.

Sincerely,

Brett Loflin
Brett Loflin
Engineer III

*3,100 feet to 47-061-00292
2,690 feet to 47-061-00274
2,941 feet to 47-061-00294
2,831 feet to 47-061-00297