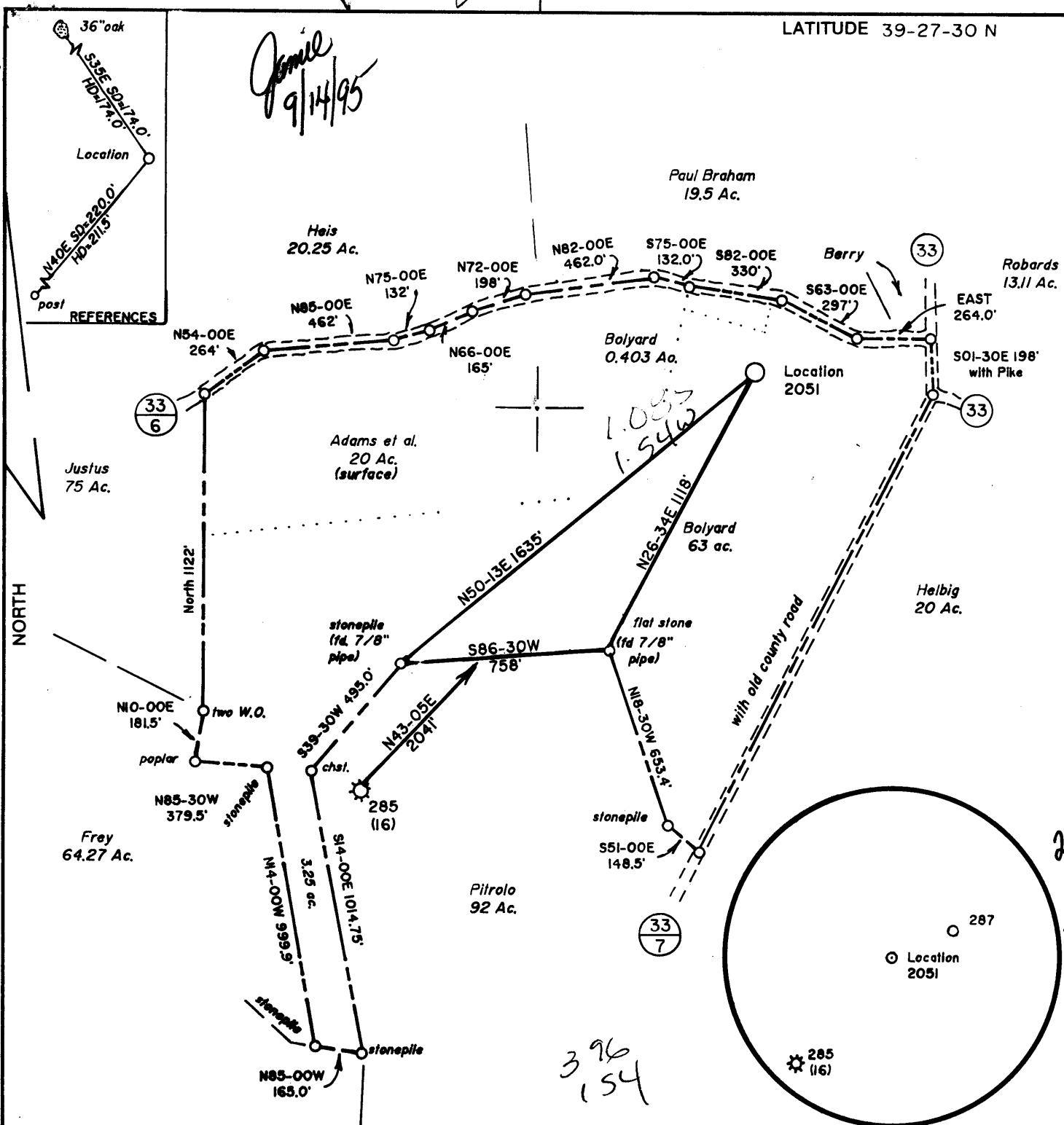


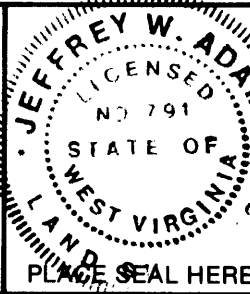
Janice
9/14/95



(+) 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 BM 4850' SW of Location; elev. 1931'

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 September 8, 19 95
 OPERATOR'S WELL NO. 2051
 API WELL NO. _____

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

LOCATION: ELEVATION 1443 WATERSHED Martins Run
 DISTRICT Lyon COUNTY Preston
 QUADRANGLE Newburg 7 1/2' Sherman NC

SURFACE OWNER Nona Bolyard ACREAGE 65.847
 OIL & GAS ROYALTY OWNER Nona Bolyard et al LEASE ACREAGE 86
 LEASE NO. 4586 & 4589

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 Fourth Sand ESTIMATED DEPTH 2200
 WELL OPERATOR Alamco Inc. DESIGNATED AGENT Marti Perri
 ADDRESS P.O. Box 1740, Clarksburg, WV 26302-1740 ADDRESS P.O. Box 1740, Clarksburg, WV 26302-1740

FORM WW-6

6-6-313

OCT 10 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: BOLYARD, NONA

Operator Well No.: 2051

LOCATION: Elevation: 1,443.00 Quadrangle: NEWBURG

District: LYON County: PRESTON
 Latitude: 5625 Feet South of 39 Deg. 27Min. 30 Sec.
 Longitude 8150 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: PHILLIP TRACY
 Permit Issued: 09/14/95
 Well work Commenced: 09/15/95
 Well work Completed: 10/02/95
 Verbal Plugging
 Permission granted on: _____
 Rotary Cable _____ Rig
 Total Depth (feet) 2028'
 Fresh water depths (ft) 47', 285'
 Salt water depths (ft) None

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
16"	25'	25'	None
11-3/4"	333'	333'	264
8-5/8"	668'	668'	To surface 273
4-1/2"		1968'	148

Is coal being mined in area (Y/N)? N
 Coal Depths (ft): 245-255

OPEN FLOW DATA

Producing formation 4th Sand Pay zone depth (ft) 1814'-1840'
 Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/
 Final open flow 84 MCF/d Final open flow 0 Bbl/
 Time of open flow between initial and final tests 4 Hour
 Static rock Pressure 560 psig (surface pressure) after 72 Hour

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

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATE 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: Richard R. Hoffman / bdy
 Date: 10/16/95

OCT 10 1995

Formations: 0-700' from Drillers Log Book; 700' to TD from Gamma Ray Log

<u>Top</u>	<u>Bottom</u>	<u>Type</u>	<u>Water, Coal, Gas</u>
0	5	Fill	<u>Water:</u> 3/4" Stream @ 47' 6" Stream @ 285'
5	245	SD	
245	255	Coal	<u>Coal:</u> 245' - 255'
255	285	SD & SH	
285	427	SD	<u>Oil:</u> None
427	490	SD & SH	
490	500	Red Shale	<u>Gas Checks:</u>
500	606	SD & SH	
606	664	SH	1594' N/S
664	700	SD	1748' N/S
700	723	SH	1812' N/S
723	737	Little Lime	1842' N/S
737	764	SH	1905' N/S
764	872	Big Lime	2028' N/S
872	897	Keener	
897	957	Big Injun	
957	1059	SD & SH	
1059	1153	Weir	<u>Stimulation:</u> 10/02/95
1153	1255	SH	<u>Perforations:</u>
1255	1342	Gantz/50'	
1342	1470	SD & SH	4th Sand (1814'-1840') 24 Holes
1470	1553	SH	
1553	1563	Gordon	<u>Frac:</u>
1563	1809	Red Shale	WF-25 w/65,000# 20/40 Sand,
1809	1841	4th Sand	748 BBLS total fluid
1841	1872	SH	
1872	1887	5th Sand	
1887	1905	SD & SH	
1905	1945	Bayard	
1945	2028	Shale	
	2028	Drlg. TD	
	2022	Log TD	

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WV Division of
Environmental Protection

077-0288

Issued 09/14/95
Expires 09/14/97

FORM WW-2B

SEP 14 1995

Page 3 of 10

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

21089

Well Operator: ALAMCO, INC. ⁰¹⁰ 975 (3) 507

Operator's Well Number 2051 3) Elevation: 1,443'

type: (a) OIL ___/ or GAS XX /
(b) If Gas: Production XX / Underground Storage ___/
Deep ___/ Shallow XX /

Proposed Target Formation(s): Fourth Sand 421

Proposed Total Depth: 2,200 feet

Approximate fresh water strata depths: 50', 320'

Approximate salt water depths: NONE

Approximate coal seam depths: 320'

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

Proposed Well Work: SEE ATTACHED

CASING AND TUBING PROGRAM

TYPE	SIZE	GRADE	WEIGHT PER FT	FOR DRILLING	FOOTAGE INTERVALS	CEMENT
CONDUCTOR	11-3/4"	LS	32#	30'	LEFT IN WELL -0-	Fill-Up (Cu. Ft.) NONE
FRESH WATER						
COAL						
INTERMEDIATE	8-5/8"	J-55	23#	650'	650'	As required by 38 CSR 18-11-3 38 CSR 18-11-22
PRODUCTION	4-1/2"	J-55	10.50#	2,200'	2,200'	As required by 38 CSR 38-11-1
TUBING						38 CSR 11-1
LINERS						

PACKERS: Kind NONE
Sizes _____
Depths Set _____

90346
39

For Division of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond L. C. Blum Agent

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Environmental Protection

SEP 14 1995

Permitting
Office of Oil & Gas

ATTACHMENT TO:
FORM WW-2B

Page 4 of 10

WELL OPERATOR ALAMCO, INC.
OPERATOR WELL NO: 2051
FILE NUMBER 47-⁰⁷⁷~~061~~ 0288

11. Proposed Well Work:

Well 2051 will be drilled to approximately 30' KB. The 11-3/4" casing will be set at approximately 30' KB. The well will then be drilled to 650' KB and the 8-5/8" casing set at approximately 650' KB and then cemented to surface. The well will then be drilled to 2,200' KB and the 4-1/2" casing set at approximately 2,200' KB. The 4-1/2" casing will be cemented to 1,600' KB. The well will then be hydraulically fractured in the Fourth Sand Formation.

12. Plan for partial abandonment:

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Environmental Protection

SEP 14 1995

Permitting
Office of Oil & Gas

- 1) Date: September 12, 1995
- 2) Operator's well number 2051
- 3) API Well No: 47 - 077 -
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
 - (a) Name Nona Bolyard
Address Route 1, Box 54
Independence, WV 26374
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 5) (a) Coal Operator:
 - Name NO DECLARATION OF RECORD
Address _____
 - (b) Coal Owner(s) with Declaration
 - Name Nona Bolyard
Address Route 1, Box 54
Independence, WV 26374
 - Name I.M.P. Corp
Address c/o Jerry Bunda
P. O. Box 9327
Neville Island, PA 15225
 - (c) Coal Lessee with Declaration
 - Name Bronco Mining, Inc.
Address 2708 Cranberry Square
Morgantown, WV 26505
- 6) Inspector Phillip Tracey
Address Route 2, Box 37-A
Montrose, WV 26283
Telephone (304)- 636-8798

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
____ 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 10 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: Marty Kern
 Its: Manager, Land
 Address 200 West Main Street
Clarksburg, WV 26301
 Telephone 1 800 873-2526

Subscribed and sworn before me this 12th day of September, 1995

Elsie M. Cox
My commission expires December 9, 2002

