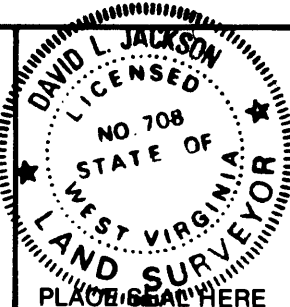


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. 1
 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Spot elev. 2600'
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) David L. Jackson
 R.P.E. _____ L.L.S. 708



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

DATE September 16, 19 94
 OPERATOR'S WELL NO. 2033
 API WELL NO. 47-061-1173
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 2007 WATERSHED Booths Creek
 DISTRICT Clinton COUNTY Monongalia
 QUADRANGLE Morgantown South 7 1/2' SW

SURFACE OWNER Glenn A. McBee et ux ACREAGE 119 of 151.88
 OIL & GAS ROYALTY OWNER Glenn A. McBee et ux LEASE ACREAGE 119
 LEASE NO. 5015

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 4th Sand ESTIMATED DEPTH 2500
 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

1994

FORM WW-6

COUNTY NAME PERMIT

6-6 313

MAR 14 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: McBEE, GLENN A., JR. Operator Well No.: 2033

LOCATION: Elevation: 2,007.00 Quadrangle: MORGANTOWN SOUTH

District: CLINTON County: MONONGALIA
Latitude: 12375 Feet South of 39 Deg. 32Min. 30 Sec.
Longitude 740 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: 09/23/94

Well work Commenced: 10/01/94

Well work Completed: 02/21/95

Verbal Plugging

Permission granted on:

Rotary X Cable _____ Rig

Total Depth (feet) 1955'

Fresh water depths (ft) 110'

Salt water depths (ft) None

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.
16"	35'	0	None
8-5/8"	661'	661'	To surface 212 cu. ft.
4-1/2"		1916'	175 sks 225 cu. ft.

OPEN FLOW DATA

Producing formation Fourth Sand Pay zone depth (ft) 1727-1732
 Gas: Initial open flow 179 MCF/d Oil: Initial open flow -- Bbl/d
 Final open flow 133 MCF/d Final open flow -- Bbl/d
 Time of open flow between initial and final tests 4 Hours
 Static rock Pressure 400 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: [Signature]
Date: 3/9/95

Formations: 0-661' from Drillers Log Book; 661' to T.D. from Gamma Ray Log

<u>Top</u>	<u>Bottom</u>	<u>Type</u>	<u>Water, Coal, Gas</u>	
0	3	Fill	<u>Water:</u> 2" stream @ 110'	
3	88	SD & SH		
88	144	SD		
144	382	SD & SH	<u>Coal:</u> None	
382	598	SD		
598	616	Lime & SD	<u>Oil:</u> None	
616	641	SD & SH		
641	661	Lime	<u>Gas Checks:</u>	
661	780	Big Lime	701'	N/S
780	859	Big Injun	904'	N/S
859	884	Squaw	1213'	N/S
884	966	SH	1552'	N/S
966	1050	Weir	1708'	N/S
1050	1166	SH	1801'	154 MCF/D
1166	1179	Gantz	1955'	179 MCF/D
1179	1202	SH		
1202	1223	50'		
1223	1488	SD & SH		
1488	1498	Gordon	<u>Treatment and Perforations:</u>	
1498	1702	SD & SH	<u>Stimulation:</u> 2/16/95	
1702	1772	4th Sand	<u>Perforations:</u> (1731'-1732') 6 holes	
1772	1808	SH	<u>Frac:</u> WF-30 w/N2 Assist, 30,000#	
1808	1823	Bayard	20/40 Sand, 700 BBLs, 110,000 SCF	
1823	1955	SD & SH	N2	
			<u>2/21/95</u>	
			Set Bridge Plug @ 1730'	
			<u>Perforations:</u> (1727'-1728') 6 holes	
			<u>Frac:</u> 660 SCF N2	

SEP 23 1994

061-1173

Issued 09/23/94

Expires 09/23/96
Page 3 of 9

FORM WW-2B

Permitting
Office of Oil & Gas

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

19800

Well Operator: ALAMCO, INC.

Operator's Well Number 2033 3) Elevation: 2,007'

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

Proposed Target Formation(s): 421 Fourth Sand

Proposed Total Depth: 2,500 feet

Approximate fresh water strata depths: 87'

Approximate salt water depths: NONE

Approximate coal seam depths: 127'

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'	-0-	NONE
FRESH WATER						
COAL						
INTERMEDIATE	8-5/8"	J-55	23#	639'	639'	As required by 38 CSR 18-11-3 38 CSR 18-11-2.2
PRODUCTION	4-1/2"	J-55	10.50#	2,500'	2,500'	As required by 38 CSR 38-11-1
TUBING						
LINERS						

PACKERS: Kind NONE

Sizes
Depths Set

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

RECEIVED
WV Division of
Environmental Protection

Page 1 of 9
Form WW2-A
(09/87)
File Copy

SEP 23 1994
Permitting
Office of Oil & Gas

1) Date: September 21, 1994
2) Operator's well number
2033
3) API Well No: 47 - 061 - 1173
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 Glenn A. McBee, Jr.
Address 408 High Street
Morgantown, WV 26505
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Randal Mick
Address 111 Blackshere Drive
Mannington, WV 26582
Telephone (304)- 986-3324

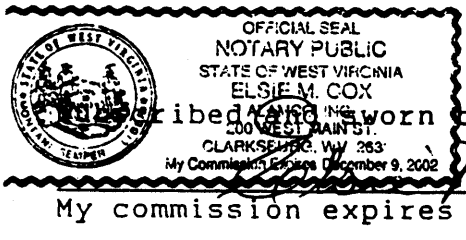
5) (a) Coal Operator:
Name NO DECLARATION OF RECORD
Address _____
(b) Coal Owner(s) with Declaration
Name Glenn A. McBee, Jr.
Address 408 High Street
Morgantown, WV 26505
Name _____
Address _____
(c) Coal Lessee with Declaration
Name NO DECLARATION OF RECORD
Address _____

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 8 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 Perri
Its: Manager, Land
Address P. O. Box 1740
Clarksburg, WV 26302-1740
Telephone 304 623 6671
Subscribed and sworn before me this 21st day of September, 1994



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

RECEIVED
WV Division of
Environmental Protection

SEP 23 1994

ATTACHMENT TO:
FORM WW-2B

Page 4 of 9

Permitting
Office of Oil & Gas

WELL OPERATOR ALAMCO, INC.
OPERATOR WELL NO: 2033
FILE NUMBER 47-061- 1173

11. Proposed Well Work:

Well 2033 will be drilled to approximately 639' KB. The 8-5/8" casing will be set at approximately 639' KB and then cemented to surface. The well will then be drilled to 2,500' KB and the 4-1/2" casing set at approximately 2,500' KB. The 4-1/2" casing will be cemented to 780' KB. The well will then be hydraulically fractured in the Fourth Sand Formation.

12. Plan for partial abandonment: