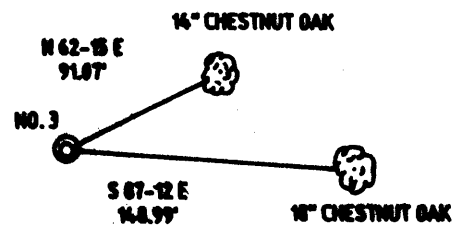


REFERENCES



\* NOTE: DEED CALLS IN ( )



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.



L.L.S. 677 *Gregory A. Smith*

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
DATE JUNE 8, 19 94  
OPERATORS WELL NO. FREW # 3  
API WELL NO. 47 - 085 - 8350  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 3187 (44-36)  
PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEVATION 1229' SCALE 1" = 500'

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY OIL AND GAS DIVISION

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

LOCATION: ELEVATION 1107 WATERSHED LAYFIELDS RUN OF GOOSE CREEK  
DISTRICT GRANT COUNTY RITCHIE QUADRANGLE SCHULTZ 7.5' S Map

SURFACE OWNER ELI J. STUTZMAN ACREAGE 63.75 SW  
ROYALTY OWNER CEDAR RESOURCES LEASE ACREAGE 63.75

PROPOSED WORK: LEASE NO. \_\_\_\_\_  
DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG AND ABANDON  CLEAN OUT AND REPLUG  OTHER \_\_\_\_\_  
PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TARGET FORMATION GANTZ  
ESTIMATED DEPTH 2600'

WELL OPERATOR JAY-BEE OIL & GAS COMPANY 428 DESIGNATED AGENT RANDY BRODA  
ADDRESS 1720 Rt. 22 East Union, New Jersey 07083 ADDRESS Route 1, Box 5 Cairo, WV. 26337

COUNTY NAME PERMIT

6-0 79

MAY 15 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: STUTZMAN, ELI J.

Operator Well No.: FREW #3

LOCATION: Elevation: 1,107.00 Quadrangle: SCHULTZ

District: GRANT County: RITCHIE  
Latitude: 13180 Feet South of 39 Deg. 20Min. 0 Sec.  
Longitude: 10420 Feet West of 81 Deg. 10 Min. 0 Sec.

Company: JAY-BEE OIL & GAS  
1720 RT. 22 E  
UNION, NJ 70830-0000

Agent: RANDY J. BRODA

Inspector: SAM HERSMAN  
Permit Issued: 07/01/94  
Well work Commenced: 7/20/94  
Well work Completed: 11/15/94  
Verbal Plugging \_\_\_\_\_  
Permission granted on: \_\_\_\_\_  
Rotary  Cable \_\_\_\_\_ Rig \_\_\_\_\_  
Total Depth (feet) 2072  
Fresh water depths (ft) 50, 70, 98,  
125, 210  
Salt water depths (ft) 580, 700, 780  
990, 1115, 1245.  
Is coal being mined in area (Y/N)? N  
Coal Depths (ft): \_\_\_\_\_

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
7"	296	296	90 SKS SURFACE
4 1/2"	2050	2050	65 SKS

OPEN FLOW DATA

Producing formation SQUAW Pay zone depth (ft) 1980  
Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/d  
Final open flow 1 MCF/d Final open flow .1 Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure 250 psig (surface pressure) after 7 Hours

Second producing formation INTON Pay zone depth (ft) 1885  
Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/d  
Final open flow 0 MCF/d Final open flow 0 Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure 250 psig (surface pressure) after 7 Hours

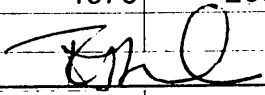
NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: JAY-BEE OIL & GAS

By: \_\_\_\_\_

Date: 7/3/95

FREW 3 WELL RECORD

WELL RECORD			FREW #3		PERMIT # 47-085-8350				
DETAILS OF PERFORATED INTERVALS:									
1970-2000	20K SAND	500 GALS ACID							
1884-1890	20K SAND	500 GALS ACID							
1844-1847	2000 GALS	ACID							
FORMATION	COLOR	HARD/SOFT	TOP	BOTTOM	OIL,GAS,WATER	DEPTH	REMARKS		
TOP SOIL			0	10					
RED ROCK			10	20					
SHALE/SAND			20	48					
GRAY ROCK			48	65	1/4" WATER	50			
RED ROCK			65	75	1/4" WATER	70			
GRAY			75	93	1/2" WATER	98			
RED ROCK			93	113					
GRAY			113	118					
RED ROCK			118	137	1/2" WATER	125			
GRAY			137	175					
RED ROCK			175	235	1" WATER	210			
GRAY/RED ROCK			235	785	1/4" WATER	580,700			
RED ROCK			785	830		780			
GRAY ROCK		HARD	830	860					
GRAY SHALE			860	935					
RED ROCK			935	1010	1/4" WATER	990			
GRAY SHALE			1010	1110					
RED ROCK			1110	1115	1/2" WATER	1115			
SANDY SHALE			1115	1240					
SAND			1240	1290	3/4" WATER	1245			
SHALEY SAND		HARD	1290	1515					
SANDY SHALE			1515	1660					
SAND/LIME			1660	1750					
SHALE			1750	1770					
SAND		HARD	1770	1950					
SHALE			1950	1970					
SAND/SHALE			1970	2060	TD				
SIGNED:									
JAY-BEE OIL & GAS									
BY IT'S:		PRESIDENT							
DATE:		4/3/91							

RECEIVED

085-8350

085 8350

Form WW-2B

WV Division of Environmental Protection

Page 3 of 8

JUN 16 94

STATE OF WEST VIRGINIA

Issued 07/01/94

DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

Expires 07/01/96

WELL WORK PERMIT APPLICATION

19373

Well Operator: <sup>428</sup> JAY-BEE OIL & GAS CO. 24610 (2) 600

Operator's Well Number: FREW WELL NO. 3 3) Elevation: 1107'

Well Type: (a) Oil \_\_\_ / or Gas X /

(b) If Gas: Production X / Underground Storage \_\_\_ /  
Deep \_\_\_ / Shallow X /

5) Proposed Target Formation(s): GANTZ <sup>413</sup>

6) Proposed Total Depth: 2600' feet

7) Approximate fresh water strata depths: 90 & 210

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 x /

11) Proposed Well Work: DRILL AND STIMULATE

12) CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTING INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling	Left in Well	Fill-up (cu. ft.)
Conductor						385R/B 4.3
Fresh Water	8 5/8"			300'	300'	CTS 38 CSR 18-11.3
Coal						385R/B 11.2.2
Intermediate						
Production	4 1/2"			2600'	2600'	BY RULE 38 CSR 18-11.1
Tubing						
Liners						385R/B 11.1

PACKERS: Kind \_\_\_\_\_  
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  Agent  
 (Type) C.D. Blanks

6/31/21

71

1) Date: JUNE 8, 1994  
2) Operator's well number  
FREW WELL NO. 3  
3) API Well No: 47 - 085 - 8350  
State - County - Permit

DEPARTMENT OF  
Environmental Protection  
JUN 16 94

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 ELI J. STUTZMAN
  - Address 51594 TWP ROAD 220  
FREZNO, OH 43824
  - (b) Name \_\_\_\_\_
  - Address \_\_\_\_\_
  - (c) Name \_\_\_\_\_
  - Address \_\_\_\_\_
- 5) (a) Coal Operator:
- Name N/A
  - Address \_\_\_\_\_
  - (b) Coal Owner(s) with Declaration
  - Name N/A
  - Address \_\_\_\_\_
  - Name \_\_\_\_\_
  - Address \_\_\_\_\_
- 6) Inspector SAMUEL HERSMAN
- Address ROUTE 1, BOX 240  
HARRISVILLE, WV 26362
  - Telephone (304)- 628-3185
- (c) Coal Lessee with Declaration
- Name N/A
  - 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 XXX 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:

- Personal Service (Affidavit attached)
- XXX 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 JAY-BEE OIL & GAS CO.  
 By: [Signature]  
 Its: RANDY BRODA - DESIGNATED AGENT  
 Address 1720 RT. 22 EAST  
UNION, NJ 07083  
 Telephone (908) 686-1493

Subscribed and sworn before me this 8th day of JUNE, 19 94

[Signature: Gregory A. Smith] Notary Public  
 My commission expires DECEMBER 7, 2002