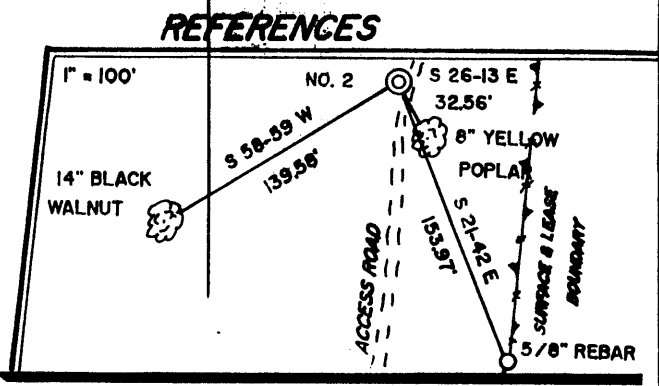
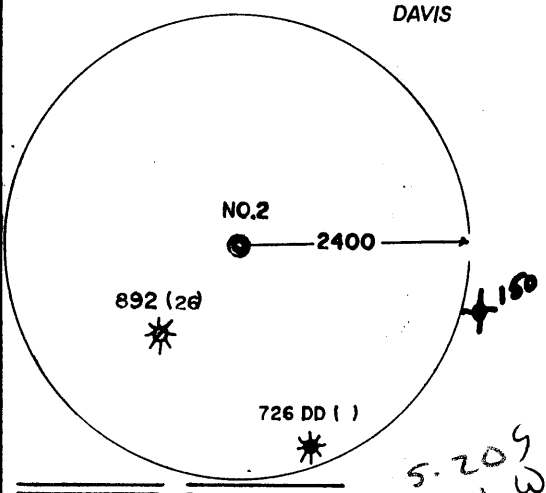


LINE TABLE

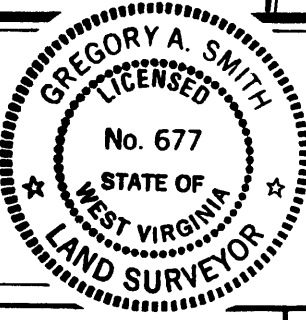
1.	S 44-15 W	248'
2.	S 14-15 W	307'
3.	S 10-30 W	349'
4.	S 39 W	264'
5.	N 89-30 W	153'
6.	S 28-30 W	185'
7.	S 55 W	248'
8.	S 45-45 E	302'
9.	S 22-15 E	363'
10.	S 61 E	165'
11.	N 31-30 E	182'

P/O 377 AC.±

WELL NO. 2



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 SEPTEMBER 27, 19 91
 OPERATORS WELL NO. WILEY NO:2
 API WELL NO. 47 - 095 - 1485
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2187 (37-44)
 PROVEN SOURCE OF ELEVATION JUNCTION OF ROADS ELEVATION 1121' SCALE 1" = 800'

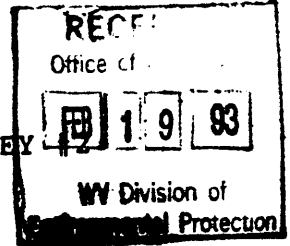
STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 918' WATERSHED FOSTER RUN
 DISTRICT CENTERVILLE COUNTY TYLER QUADRANGLE MIDDLEBOURNE 7.5'
 SURFACE OWNER MELVIN WILEY ACREAGE 140.26 W. Union NC
 ROYALTY OWNER MELVIN WILEY LEASE ACREAGE 140.26 OF P/O 377
 PROPOSED WORK: 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 MARCELLUS
 ESTIMATED DEPTH 5900'

WELL OPERATOR JAY-BEE OIL & GAS CO. DESIGNATED AGENT RANDY BRODA
 ADDRESS 1720 RT. 22 EAST UNION, NJ 07083 ADDRESS ROUTE 1, BOX 5 CAIRO, WV 26337

State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

Well Operator's Report of Well Work



Farm name: WILEY, MELVIN

Operator Well No.: WILEY

LOCATION: Elevation: 918.00 Quadrangle: MIDDLEBOURNE

District: CENTERVILLE County: TYLER
Latitude: 12110 Feet South of 39 Deg. 27Min. 30 Sec.
Longitude 4700 Feet West of 80 Deg. 52 Min. 30 Sec.

Company: JAY-BEE OIL & GAS
1720 RT. 22 E
UNION, NJ 07083-0000

Agent: RANDY J. BRODA

Inspector: MIKE UNDERWOOD
Permit Issued: 10/07/91
Well work Commenced: 10/20/91
Well work Completed: 2/14/92
Verbal Plugging
Permission granted on: _____
Rotary Cable _____ Rig _____
Total Depth (feet) 5013
Fresh water depths (ft) 65'

Salt water depths (ft) 165,760,
1925, 1125
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.
8 5/8"	176	176	SURF.
7"	1024	1024	150 SKS
5"	2124	1124	-
2 7/8"	4984	4984	250 SKS

OPEN FLOW DATA

Producing formation Benson Pay zone depth (ft) 4892
Gas: Initial open flow 200 MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 100 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 1100 psig (surface pressure) after 12 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: JAY-BEE OIL & GAS

Reviewed TMG
Recorded _____

By: [Signature]
Date: 12/11/92

4892-96

300 SK: 20 - to SAND
10 SHOTS.

600 BSL WATER

FORMATION	TOP	BOTTOM	REMARKS
Soil/Grey Shale	0	80	Fresh Water at 65'
Red Rock	80	95	
Shale	95	145	
Grey Sand	145	165	
Soft Grey Shale	165	180	
Hard Grey Sand	180	285	
Grey Shale	285	310	
Brown Shale	310	330	
Grey Shale	330	400	
Red Rock	400	420	
Grey Shale	420	480	
Red Rock	480	495	
Grey Shale/Sand	495	750	Water at 565'
Red Rock	750	805	
Grey Shale	805	985	
Red Rock	985	1040	
Grey Sand/Shale	1040	1110	
Brown Shale	1110	1120	
Grey Shale/Sand	1120	1795	Salt Water at 1535'
Hard Grey	1795	1886	
Shale Break	1886	1888	Salt Water at 1910'
Sand/Shale	1888	2060	2005' Gas Show
Shale	2060	2154	
Sandy Shale	2154	2394	
Sand	2394	2398	
Shale/Sand	2398	2630	
Sandy Shale	2630	2842	2790' Show of Gas
Brown/Gray Shales & Lime	2842	4077	
Sand	4077	4081	
Shale	4081	4500	
Sandy Shale	4500	4520	
Shale	4520	4710	
Sandy Shale	4710	4765	
Shale	4765	4830	
Sand - <i>BUSN</i>	4830	4835	Gas Show 4832'
Shale	4835	5013 TD	

DFT = 435

OF = 424

26701



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

- 1) Well Operator: JAY-BEE OIL & GAS CO. ⁰⁴²⁸ ^{2461°} (1) 470
- 2) Operator's Well Number: WILEY WELL NO. 2 3) Elevation: 920'
- 4) Well Type: (a) Oil or Gas
 (b) If Gas: Production / Underground Storage
 Deep / Shallow
- 5) Proposed Target Formation: Marcellus 437
- 6) Proposed Total Depth: 5900 feet
- 7) Approximate fresh water strata depths: 45' ^{221'}
- 8) Approximate salt water depths: N/A ^{1816'}
- 9) Approximate coal seam depths: N/A
- 10) Does land contain coal seams tributary to active mine? Yes / No
- 11) Proposed Well Work: Drill & Stimulate
- 12)

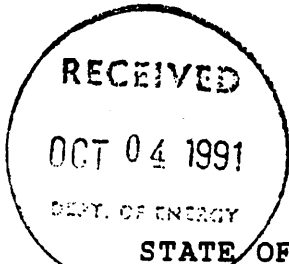
CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	10-3/4"			180'	180'	CTS
Fresh Water	8-5/8"			1020'	1020'	By Rule 38 CSR 18-11.3
Coal						<i>38 CSR 11.2.2</i>
Intermediate						
Production	4-1/2"			5900'	5900'	By Rule 38 CSR 18-11.1
Tubing						
Liners						

PACKERS : Kind _____
 Sizes _____
 Depths set _____

For Division of Oil and Gas Use Only

4181
25
 Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Blanket Agent
 (Type)



1) Date: September 24th, 1991
2) Operator's well number
WILEY WELL NO. 2
3) API Well No: 47 - 095 - 1485
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- | | |
|---|--|
| <p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>Melvin Wiley</u>
Address <u>Box 96</u>
<u>Man, WV 25635</u></p> <p>(b) Name _____
Address _____</p> <p>(c) Name _____
Address _____</p> | <p>5) (a) Coal Operator:</p> <p>Name _____
Address _____</p> <p>(b) Coal Owner(s) with Declaration</p> <p>Name _____
Address _____</p> <p>Name _____
Address _____</p> <p>(c) Coal Lessee with Declaration</p> <p>Name _____
Address _____</p> |
| <p>6) Inspector <u>Mike Underwood</u>
Address <u>Rt. 2, Box 135</u>
<u>Salem, WV 26426</u>
Telephone <u>(304)-782-1043</u></p> | |

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 7 on the above named parties, by:
XXX 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 Jay-Bee Oil & Gas Company
By: [Signature]
Its: Randy Broda - Operations Manager
Address 1720 Route 22 East
Union, NJ 07083
Telephone (201) 686 - 1493

Subscribed and sworn before me this 24th day of September, 1991

Gregory A. Smith Notary Public
My commission expires 12/07-92