



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Austin Caperton, Cabinet Secretary
www.dep.wv.gov

March 2, 2018
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

JAY-BEE OIL & GAS, INC.
1720 RT. 22 E

UNION, NJ 070830000

Re: Permit Modification Approval for DOPEY 1
47-095-02458-00-00

Modified Curve in Lateral

JAY-BEE OIL & GAS, INC.

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin
Chief

Operator's Well Number: DOPEY 1
Farm Name: JOHN & PATTY MONTGOMERY
U.S. WELL NUMBER: 47-095-02458-00-00
Horizontal 6A / New Drill
Date Issued: March 2, 2018

Promoting a healthy environment.

18)

CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	16	New	J55	40	30	30	8.22 CTS
Fresh Water	11 3/4	New	J55	32	300	300	142.25 CTS
Coal							
Intermediate	8 5/8	New	J55	24	2,000	2,000	508.43 CTS
Production	5 1/2	New	P110	17	14,394'	14,394'	2320.6
Tubing							
Liners							

Cement up to 1000' from Surface

DMH
2-23-18

QCB
2/23/2018

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	16	17 1/2	.495	3,000#	50	Class A Cement	1.19
Fresh Water	11 3/4	15	.333	1,500#	1000	Class A Cement	1.26
Coal							
Intermediate	8 5/8	11	.264	2,950#	1500	Class A Cement	1.45
Production	5 1/2	7 7/8	.304	15,000#	2500	Type 1 Cement	1.34
Tubing							
Liners							

PACKERS

Kind:	N/A			
Sizes:				
Depths Set:				

RECEIVED
Office of Oil and Gas

FEB 23 2018

WV Department of
Environmental Protection

**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6A, Section 5(a)(5)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
T3055A	John & Patty Montgomery	JB Exploration I, LLC	12.5%	463-809
T3055B	Keith Fetty Freeland	JB Exploration I, LLC	12.5%	421-802
T3057B	Morris Smith Irrevocable Trust	JB Exploration I, LLC	12.5%	485-237
T3068A	Donald & Dora Seckman	JB Exploration I, LLC	12.5%	429-826
FoutT21	J&N Management, LLC	JB Exploration I, LLC	12.5%	536-200

Affidavit JB Exploration I, LLC to Jay-Bee Oil & Gas, Inc

**Acknowledgement of Possible Permitting/Approval
In Addition to the Office of Oil and Gas**

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

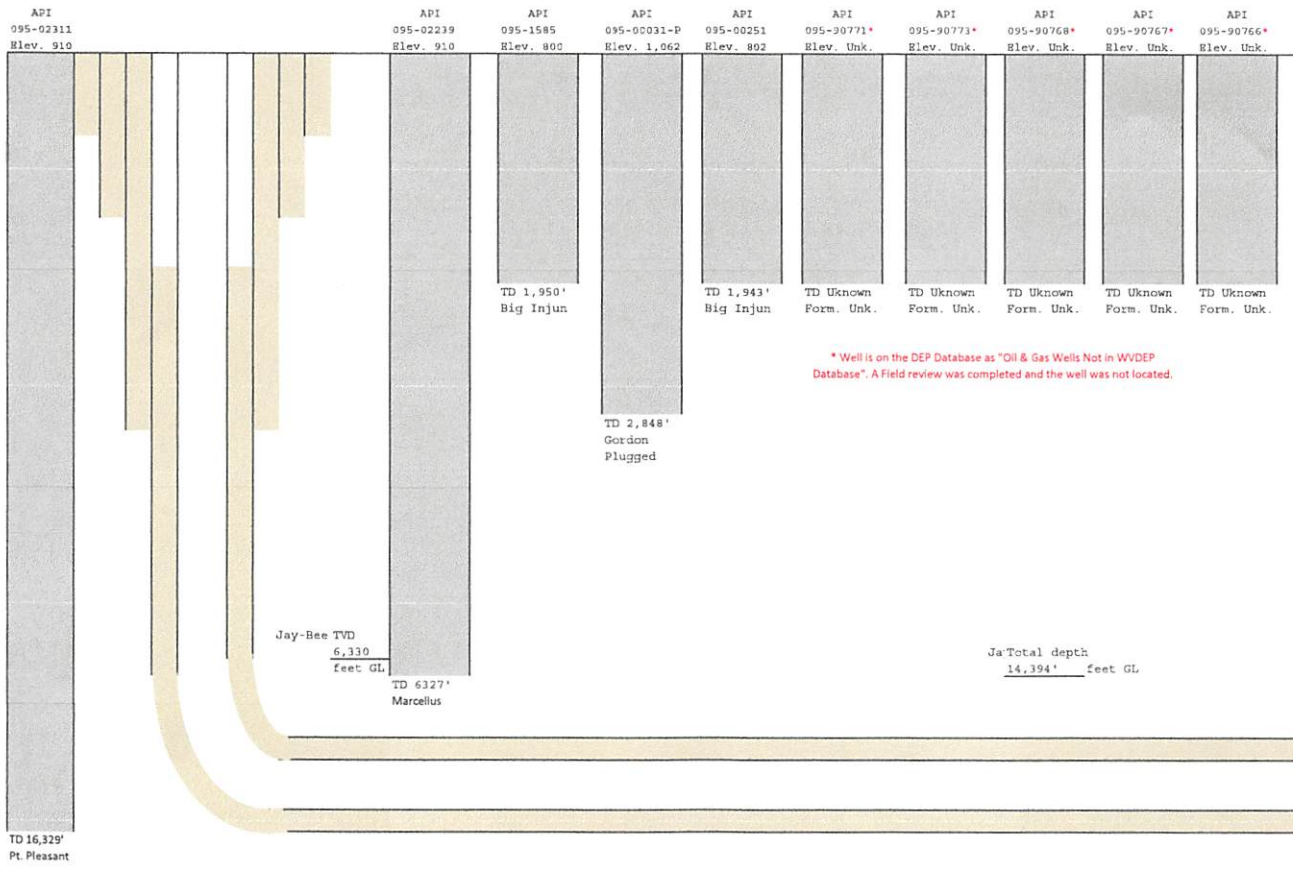
- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

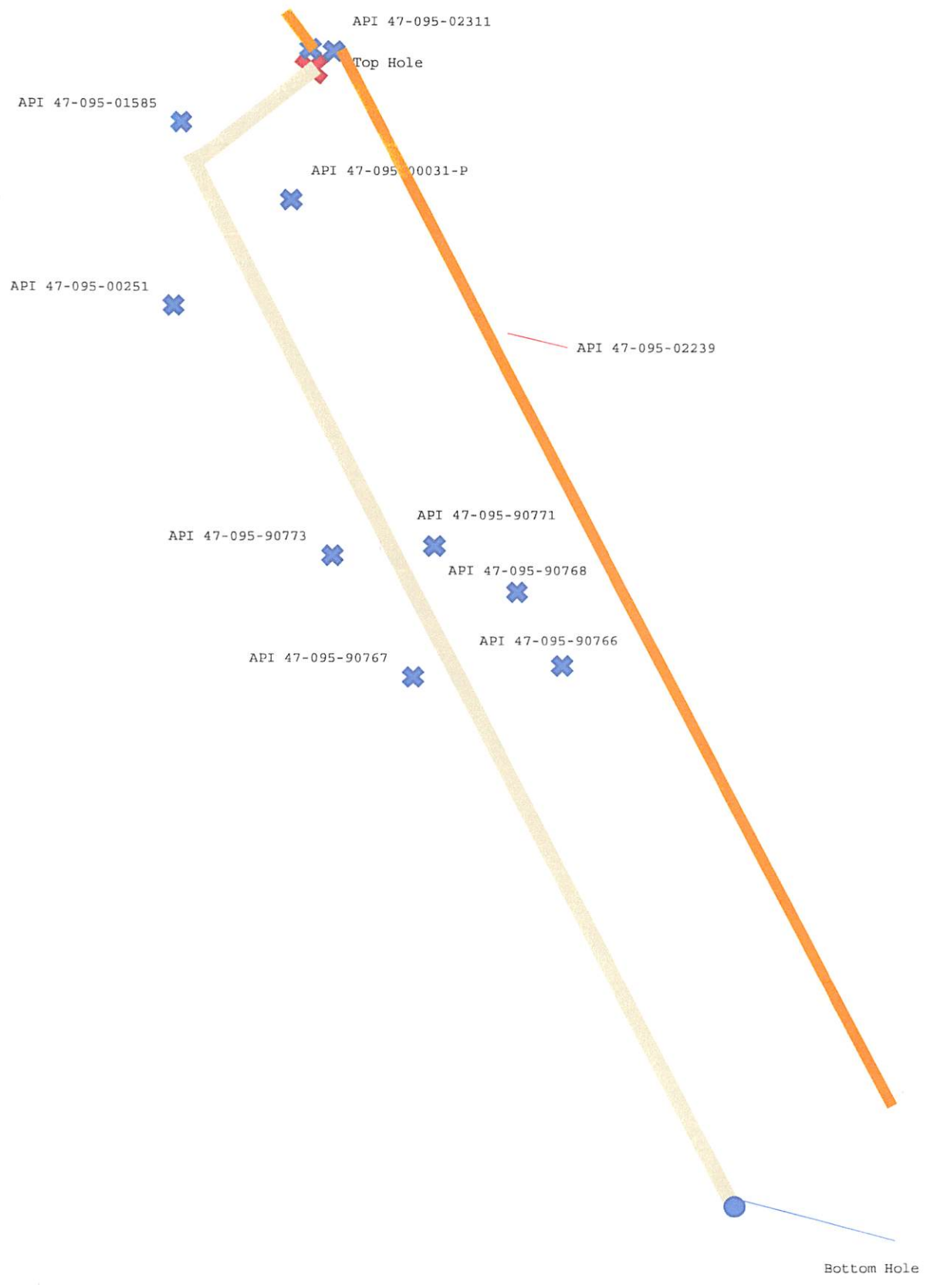
Well Operator: Jay-Bee Oil & Gas, Inc
 By: Shane Dowell
 Its: Office Manager

Jay-Bee Oil & Gas Inc
 Well Name Dopey 1
 GL Elevation 910.7

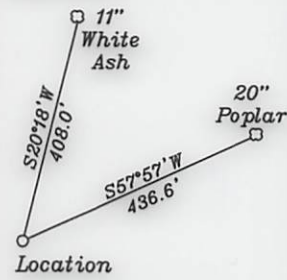
Well-Site Safety Plan Anti-Collision Schematic



Well-Site Safety Plan Anti-Collision Schematic



References

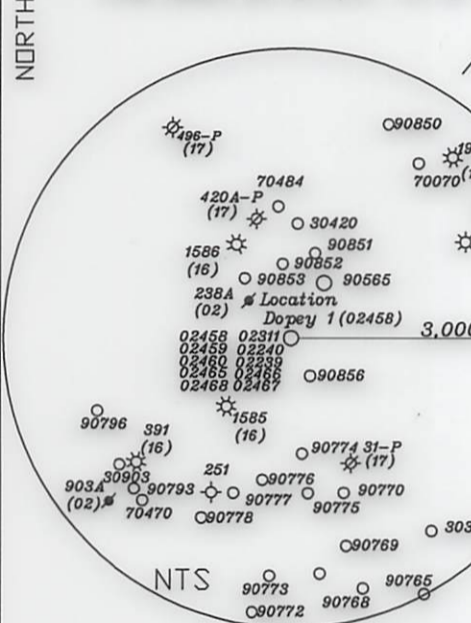
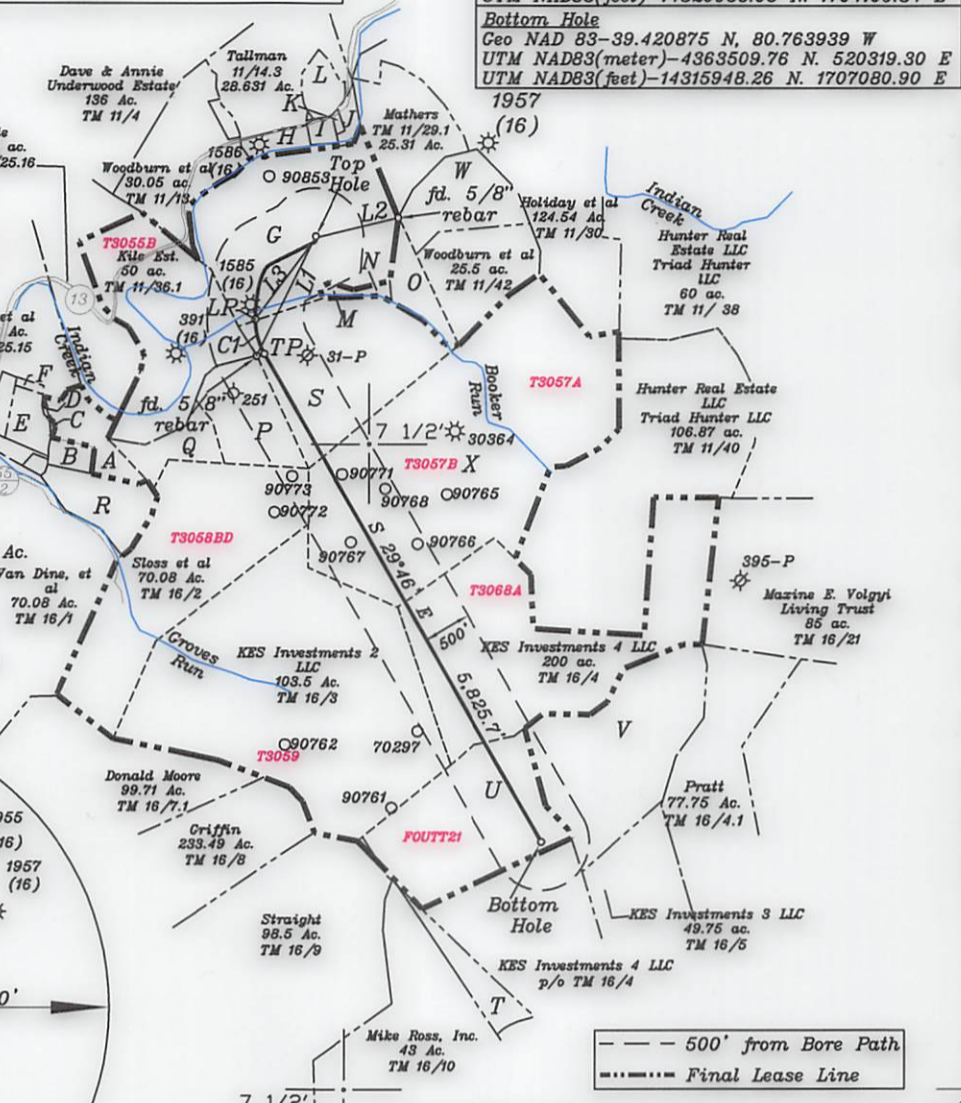


PAD LAYOUT



Top Hole
Geo NAD 83-39.438009 N, 80.772600 W
UTM NAD83(meter)-4365409.40 N, 519568.98 E
UTM NAD83(feet)-14322180.67 N, 1704619.23 E
Landing Point - LP
Geo NAD 83-39.435619 N, 80.774780 W
UTM NAD83(meter)-4365143.65 N, 519382.07 E
UTM NAD83(feet)-14321308.79 N, 1704006.00 E
Turning Point 1 - TPI
Geo NAD 83-39.434646 N, 80.774428 W
UTM NAD83(meter)-4365035.83 N, 519412.65 E
UTM NAD83(feet)-14320955.05 N, 1704108.34 E
Bottom Hole
Geo NAD 83-39.420875 N, 80.763939 W
UTM NAD83(meter)-4363509.76 N, 520319.30 E
UTM NAD83(feet)-14315948.26 N, 1707080.90 E

- A- L. Davis TM 11/25.15 12.28 Ac.
- B- T. Davis TM 11/25.7 3.032 Ac.
- C- Cramer TM 11/25.16 0.14 Ac.
- D- L. Davis TM 11/25.15 12.28 Ac.
- E- Cramer TM 11/25.10 2.44 Ac.
- F- Cramer TM 11/25.14 0.54 Ac.
- G- Montgomery TM 11/27 65 Ac. **T3055A**
- H- Montgomery TM 11/14 2.18 Ac. **T3052A**
- I- Vincent TM 11/14.4 1.82 Ac. **T3052A**
- J- Riter (Life) TM 11 /29 1.63 Ac.
- K- Stillson TM 11 /28 0.37 Ac.
- L- Tallman TM 11 /14.5 5.135 Ac. **T3052A**
- M- Woodburn et al TM 11/45 0.755 Ac.
- N- Woodburn et al TM 11/44 1.5 Ac.
- O- Woodburn et al TM 11/44 6.75 Ac.
- P- Davis TM 11/41 18.82 Ac.
- Q- Davis TM 11/25.18 10 Ac.
- R- Yeater TM 11/25.12 13.75 Ac.
- S- Kile estate TM 11/36 57 Ac.
- T- Straight TM 16/11 12 Ac.
- U- KES Investments 3 LLC TM 16/4 49.13 Ac.
- V- KES Investments 3 LLL TM 16/4 Residue of 78.4 Ac.
- W- Woodburn et al TM 11/43 35 Ac.
- X- Hunter Real Estate LLC Triad Hunter LLC TM 11/37 147 Ac.



Notes:

1. All wells within 500' of the horizontal leg are shown on this plat based upon information taken from DEP mapping, well plats, & aerial photos.
2. Ties to wells and corners are based on State P lane Grid North-WV North Zone NAD 83.
3. No water wells were found within 250' of the well location. A house was found N56°54'W 614.3' from the center of the well pad.

NUMBER	CHORD	DIRECTION	RADIUS	ARC LENGTH	CHORD LENGTH
C1	S 14°53' E		716.20'	371.98'	367.82'

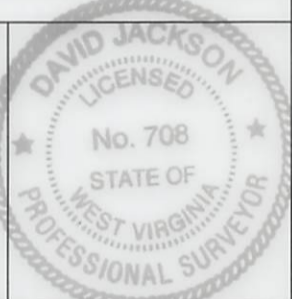
NUMBER	DIRECTION	DISTANCE
L1	S 26°16' W	1,376.4'
L2	N 75°34' E	743.0'
L3	S 36°05' W	1,066.3'

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

FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION GPS
submeter unit

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 RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

(SIGNED) David E Jackson
 R.P.E. _____ P.S. 708



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

DATE February 22, 2018
 OPERATOR'S WELL NO. Dopey 1
 API WELL NO. 47-095-02458 MOD
 STATE COUNTY PERMIT H6A

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

LOCATION: ELEVATION 910.7' WATER SHED Indian Creek - Outlet Middle Island Creek (HUC-10)
 DISTRICT McElroy COUNTY Tyler
 QUADRANGLE Shirley 7 1/2'

SURFACE OWNER John & Patty Montgomery ACREAGE 65 ac.
 OIL & GAS ROYALTY OWNER & LEASE NO. See Above for Lease Numbers

PROPOSED WORK: DRILL X CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION Marcellus ESTIMATED DEPTH TVD = 6,630'; TMD = 14,394'
 WELL OPERATOR Jay Bee Oil & Gas, Inc. DESIGNATED AGENT Randy Broda
 ADDRESS 1720 Rt. 22, East Union, NJ 07083 ADDRESS 3570 Shields Hill Road, Cairo, WV 26337

LONGITUDE 80-45-00 W
 Bottom Hole 8,801'
 Top Hole 7,342'