



JAY-BEE COMPANIES

JAY-BEE OIL & GAS, INC.
P.O. BOX 380
BRIGDEPORT, WV 26330
(304)-933-3878

August 2, 2023

WV DEP
Attn: Completion Report
601 57th St SE
Charleston, WV 25304

To Whom It May Concern,

Enclosed you will find the Completion Report for the Jay-Bee Oil & Gas, Inc well, T1-03-9. This well is located in Tyler County, WV. I believe all information is included, and the documents are held together with binder clip.

Please note, we submitted a modification on this well that was approved 7/31/2023, due to NOV# 11913.

If there are any corrections needed, further information required, or any questions, please don't hesitate to contact me by phone or email. My cell is 304-203-0665, and email is epotesta@jaybeeoil.com.

Sincerely,

Emily Potesta

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Office of Oil and Gas

AUG 07 2023

WV Department of
Environmental Protection

Attached Addendum

08/29/2023

ADDENDUM

Please note this addendum is for all enclosed T1-03 Well Completion Reports:

It will be found during the review of casing and tubing from each permit to completion report that there are discrepancies. During the permitting process, the casing and tubing specifications were submitted as what Jay-Bee Oil & Gas, Inc. currently submits for permit to Utica. These wells were to be permitted for and drilled as Marcellus only. This mistake was not realized until after permits had been approved and drilling had commenced. After speaking with DEP Inspector McCoy at that time, he had advised to continue as we were, and make sure to notify during the completion report process of what had occurred. We were not required or requested to submit a permit modification at that time. If there are any further questions, Inspector McCoy advised he could be contacted at 681-344-3265.

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WV Department of
Environmental Protection

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47 - 095 - 02810 County Tyler District McElroy
Quad Shirley 7 1/2" Pad Name T1-03 Field/Pool Name _____
Farm name Donald J. & Judith A. Lisby Well Number T1-03-9
Operator (as registered with the OOG) 24610
Address 429 Simonton Road City Ellenboro State WV Zip 26346

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4366586.62 Easting 517051.65
Landing Point of Curve Northing 4367566.03 Easting 517379.25
Bottom Hole Northing 4369764.71 Easting 515547.98

Elevation (ft) 724.3' GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

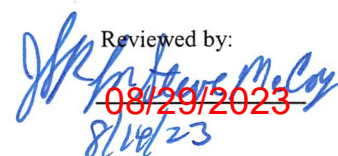
Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine

Mud Type(s) and Additive(s)
Synthetic Based Mud (SOBM), K-49 (Base Oil), Barite, Anco Mul P, Anco Mul OW, Anco Mul XL, Anco Mul Mod
Anco Mul OW Claytone 3, Lime, Calcium Chloride Powder, Phalt S, Mica, Cal-Carb

Date permit issued 8-9-2022 Date drilling commenced 9-20-2022 Date drilling ceased 1-3-2023
Date completion activities began 4-7-2023 Date completion activities ceased 5-18-2023
Verbal plugging (Y/N) N Date permission granted n/a Granted by n/a

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 65'-90' Open mine(s) (Y/N) depths N
Salt water depth(s) ft n/a Void(s) encountered (Y/N) depths N
Coal depth(s) ft n/a Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:

08/29/2023
8/14/23

API 47- 095 - 02810 Farm name Donald J. & Judith A. Lisby Well number T1-03-9

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor	24"	18.625"	88'	New	87.5# J-55	n/a	Grouted
Surface	17.5"	13.375"	335'	New	48# J-55	42'	Yes
Coal							
Intermediate 1	11"	8.625"	1,975'	New	24# J-55	1,932'-82'	Yes
Intermediate 2							
Intermediate 3							
Production	7.875"	5.5"	17,336'	New	20# P-110	n/a	Yes
Tubing							
Packer type and depth set	n/a						

Comment Details Surface CTS with 20% OH excess / Intermediate 1 CTS with 30% OH excess / Production 300' from surface with 15 % OH excess

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor	Class A	n/a	n/a	n/a	n/a	CTS	8 hours
Surface	Class A	272	15.6	1.19	324	CTS	8 hours
Coal							
Intermediate 1	Class A	593	15.6	1.19	706	CTS	8 hours
Intermediate 2							
Intermediate 3							
Production	Class A	2,640	14.5	1.18	3,124	300'	8 hours
Tubing							

Drillers TD (ft) 17,434' Loggers TD (ft) 17,434' RECEIVED
Deepest formation penetrated Marcellus Plug back to (ft) n/a Office of Oil and Gas
Plug back procedure n/a **AUG 07 2023**

Kick off depth (ft) 7,040' WV Department of Environmental Protection

Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____
5.5" vertical centralizers every 500' / horizontal and curve centralizers every other joint or one every 84'
8.625" int. casing bow spring centralizers ran every 400'
13.375" surface casing centralizing basket ran on 2nd joint and 2nd to last joint

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

08/29/2023

SM

API 47- 095 - 02810

Farm name Donald J. & Judith A. Lisby

Well number T1-03-9

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
1	4-26-23	17274	17150	72	MARCELLUS
2	4-26-23	17090	16937	72	MARCELLUS
3	4-26-23	16896	16708	72	MARCELLUS
4	4-27-23	16674	16492	72	MARCELLUS
5	4-27-23	16450	16290	72	MARCELLUS
6	4-28-23	16240	16072	72	MARCELLUS
7	4-28-23	16024	15858	72	MARCELLUS
8	4-28-23	15796	15638	72	MARCELLUS
9	4-29-23	15568	15398	72	MARCELLUS
10	4-29-23	15350	15166	72	MARCELLUS
11	4-29-23	15120	14947	72	MARCELLUS
12	4-29-23	14900	14748	72	MARCELLUS
13	4-29-23	14704	14554	72	MARCELLUS
14	4-30-23	14506	14338	72	MARCELLUS
15	4-30-23	14284	14124	72	MARCELLUS
16	4-30-23	14089	13907	72	MARCELLUS

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

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Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	WV Department of Environmental Protection Nitrogen/other (units)
1	4-26-23	74.3	7358	5272	4769	329680	9132	N/A
2	4-26-23	71.6	7362	6155	4290	330680	9526	N/A
3	4-27-23	74.9	7601	5982	5579	328370	9252	N/A
4	4-27-23	73.6	7521	6338	5134	330020	8971	N/A
5	4-27-23	71.6	7386	6106	5114	329256	9036	N/A
6	4-28-23	74.8	7332	6043	5714	329980	9010	N/A
7	4-28-23	74.8	7258	5400	5584	329620	8831	N/A
8	4-28-23	74.3	7249	5613	5052	336220	8423	N/A
9	4-29-23	74.5	7148	5875	5542	341639	9288	N/A
10	4-29-23	74.5	7146	5834	5230	330860	8887	N/A
11	4-29-23	73.8	7002	6180	4657	330140	8650	N/A
12	4-29-23	77.5	7309	6046	4432	332860	8991	N/A
13	4-30-23	74.7	7091	5657	5502	335610	8927	N/A
14	4-30-23	73.9	7166	6157	4441	342750	8859	N/A
15	4-30-23	74.1	7404	6244	4614	329240	8328	N/A
16	5-1-23	71.6	7136	6172	4596	335620	8110	N/A

Please insert additional pages as applicable.

08/29/2023

API 47- 095 - 02810 Farm name Donald J. & Judith A. Lisby Well number T1-03-9

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
17	5-1-23	13856	13696	72	MARCELLUS
18	5-1-23	13656	13504	72	MARCELLUS
19	5-1-23	13452	13274	72	MARCELLUS
20	5-2-23	13220	13054	72	MARCELLUS
21	5-2-23	12988	12814	72	MARCELLUS
22	5-2-23	12754	12608	72	MARCELLUS
23	5-3-23	12562	12394	72	MARCELLUS
24	5-3-23	12346	12184	72	MARCELLUS
25	5-3-23	12118	11958	72	MARCELLUS
26	5-4-23	11924	11754	72	MARCELLUS
27	5-4-23	11672	11496	72	MARCELLUS
28	5-4-23	11444	11258	72	MARCELLUS
29	5-4-23	11188	11016	72	MARCELLUS
30	5-5-23	10976	10810	72	MARCELLUS
31	5-5-23	10750	10568	72	MARCELLUS
32	5-5-23	10526	10374	72	MARCELLUS

Please insert additional pages as applicable.

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STIMULATION INFORMATION PER STAGE

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Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	WV Department of Environmental Protection	
							Amount of Water (bbls)	Amount of Nitrogen/other (units)
17	5-1-23	65.1	7166	6157	4441	325750	8167	N/A
18	5-1-23	74.2	7404	6244	4614	335780	8886	N/A
19	5-1-23	71.6	7136	6172	4596	335620	8110	N/A
20	5-2-23	75.4	6846	6331	5220	330900	8705	N/A
21	5-2-23	75	7185	5869	4859	330420	8789	N/A
22	5-2-23	74.2	7261	5840	5178	329300	8590	N/A
23	5-3-23	74.5	7192	6093	4820	336154	8728	N/A
24	5-3-23	75.2	7223	5862	4598	330440	8365	N/A
25	5-3-23	75.2	7176	5894	4163	329620	8235	N/A
26	5-4-23	74	7040	5672	4220	329160	8296	N/A
27	5-4-23	75	7018	6154	4691	330960	8675	N/A
28	5-4-23	75	6990	5686	4895	324660	8517	N/A
29	5-4-23	75.2	7002	5716	5202	327820	8205	N/A
30	5-5-23	74.8	6979	5811	5258	328560	8803	N/A
31	5-5-23	75.2	6982	6020	4592	330340	8762	N/A
32	5-5-23	74.9	6765	5812	4627	329500	8317	N/A

Please insert additional pages as applicable.

08/29/2023

API 47- 095 - 02810 Farm name Donald J. & Judith A. Lisby Well number T1-03-9

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
33	5-5-23	10278	8296	72	MARCELLUS
34	5-6-23	10055	8070	72	MARCELLUS
35	5-6-23	9856	7856	72	MARCELLUS
36	5-6-23	9660	7636	72	MARCELLUS
37	5-6-23	9447	7407	72	MARCELLUS
38	5-7-23	9237	7208	72	MARCELLUS
39	5-7-23	9020	7012	72	MARCELLUS
40	5-7-23	8796	8648	72	MARCELLUS
41	5-8-23	8610	8440	72	MARCELLUS
42	5-8-23	8388	8224	72	MARCELLUS
43	5-8-23	8172	8002	72	MARCELLUS

Please insert additional pages as applicable.

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STIMULATION INFORMATION PER STAGE

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Complete a separate record for each stimulation stage.

WV Department of
Environmental Protection

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
33	5-6-23	75.2	7069	5938	4474	330160	7851	N/A
34	5-6-23	75.1	6754	5883	5341	329480	8801	N/A
35	5-6-23	74.3	6661	5755	6697	330600	8008	N/A
36	5-6-23	75.4	6606	5538	4897	333200	7983	N/A
37	5-7-23	75.4	6727	5869	4623	330340	8349	N/A
38	5-7-23	74.9	6749	6275	4180	329940	8572	N/A
39	5-7-23	73.6	6700	6608	4202	329100	7879	N/A
40	5-8-23	74.9	6814	6594	5051	330740	7518	N/A
41	5-8-23	74.9	6612	6003	4673	331760	8819	N/A
42	5-8-23	70.5	6653	6411	4449	302013	8676	N/A
43	5-8-23	73.3	6594	6029	4507	298541	8710	N/A

Please insert additional pages as applicable.

08/29/2023


State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Discharge Monitoring Report
Oil and Gas General Permit

Company Name: Jay-Bee Oil & Gas, Inc.
API No: 47-095-02810 County: Tyler
District: McElroy Well No: T1-03-9
Farm Name: Donald J. & Judith A. Lisby

Discharge Date/s From:(MMDDYY) _____ To: (MMDDYY) _____

Discharge Times. From: _____ To: _____

Total Volume to be Disposed from this facility (gallons): _____

Disposal Option(s) Utilized (write volumes in gallons):

- (1) Land Application: _____ (Include a topographical map of the Area.)
- (2) UIC: _____ Permit No. _____
- (3) Offsite Disposal: _____ Site Location: _____
- (4) Reuse: _____ Alternate Permit Number: _____
- (5) Centralized Facility: _____ Permit No. _____
- (6) Other method: _____ (Include an explanation)

Follow Instructions below to determine your treatment category:

Optional Pretreatment test: N/A Cl- mg/l N/A DO mg/l

- 1. Do you have permission to use expedited treatment from the Director or his representative?
(Y/N) N If yes, who? _____ and place a four (4) on line 7.
If not go to line 2
- 2. Was Frac Fluid or flowback put into the pit? (Y/N) N If yes, go to line 5. If not, go to line 3.
- 3. Do you have a chloride value pretreatment (see above)? (Y/N) N If yes, go to line 4
If not, go to line 5.
- 4. Is the Chloride level less than 5000 mg/l? (Y/N) N If yes, then enter a one (1) on line 7.
- 5. Do you have a pretreatment value for DO? (See above) (Y/N) N If yes, go to line 6
If not, enter a three (3) in line 7.
- 6. Is the DO level greater than 2.5 mg/l?(Y/N) N If yes, enter a two (2) on line 7. If not, enter a three (3) on line 7.
- 7. _____ is the category of your pit. Use the Appropriate section.
- 8. Comments on Pit condition: _____

N/A

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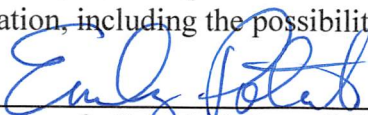
WV Department of
Environmental Protection

Name of Principal Exec. Officer: Emily Potesta

Title of Officer: Regulatory Agent

Date Completed: 8/2/2023

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the 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.



Signature of a Principal Exec. Officer or Authorized agent.

08/29/2023


Category 1
Sampling Results

API No : 47-095-02810

Parameter	Predischarge		Discharge		Units
	Limits	Reported	Limits	Reported	
pH	6-10	_____	6-10	_____	S.U
Settling Time	5	_____	N/A	N/A	Days
Fe	6	_____	6	_____	mg/l
D.O.	2.5	_____	2.5	_____	mg/l
Settleable Sol.	0.5	_____	0.5	_____	mg/l
Cl	5,000	_____	5,000	_____	mg/l
Oil	Trace	_____	Trace	_____	Obs.
TOC**		_____	Monitor	_____	mg/l
Oil and Grease		_____	Monitor	_____	mg/l
Total Al***		_____	Monitor	_____	mg/l
TSS		_____	Monitor	_____	mg/l
Total Mn	Monitor	_____	Monitor	_____	mg/l
Volume		_____	Monitor	_____	Gal
Flow		_____	Monitor	_____	Gal/min
Disposal Area		_____	Monitor	_____	Acres

*** Al is only reported if the pH is above 9.0

Category 2
Sampling Results

API No : 47-095-02810

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Parameter	Predischarge		Discharge		Units
	Limits	Reported	Limits	Reported	
pH	6-10	_____	6-10	_____	S.U
Settling Time	10	_____	N/A	N/A	Days
Fe	6	_____	6	_____	mg/l
D.O.	2.5	_____	2.5	_____	mg/l
Settleable Sol.	0.5	_____	0.5	_____	mg/l
Cl*	12,500	_____	12,500	_____	mg/l
Oil	Trace	_____	Trace	_____	Obs.
TOC**		_____	Monitor	_____	mg/l
Oil and Grease		_____	Monitor	_____	mg/l
Total Al***		_____	Monitor	_____	mg/l
TSS		_____	Monitor	_____	mg/l
Total Mn	Monitor	_____	Monitor	_____	mg/l
Volume		_____	Monitor	_____	Gal
Flow		_____	Monitor	_____	Gal/min
Disposal Area		_____	Monitor	_____	Acres

* Can be 25,000 with inspector's approval,

(Inspector's signature): _____

Date: _____

** Include a description of your aeration technique.

Aeration Code: _____

*** Al is only reported if the pH is above 9.0

08/29/2023

Category 3
Sampling Results

API No : 47-095-02810

Parameter	Predischarge		Discharge		Units
	Limits	Reported	Limits	Reported	
pH	6-10	_____	6-10	_____	S.U
Settling Time	20	_____	N/A	N/A	Days
Fe	6	_____	6	_____	mg/l
D.O.	2.5	_____	2.5	_____	mg/l
Settleable Sol.	0.5	_____	0.5	_____	mg/l
Cl*	12,500	_____	12,500	_____	mg/l
Oil	Trace	_____	Trace	_____	Obs.
TOC**		_____	Monitor	_____	mg/l
Oil and Grease		_____	Monitor	_____	mg/l
Total Al***		_____	Monitor	_____	mg/l
TSS		_____	Monitor	_____	mg/l
Total Mn	Monitor	_____	Monitor	_____	mg/l
Volume		_____	Monitor	_____	Gal
Flow		_____	Monitor	_____	Gal/min
Disposal Area		_____	Monitor	_____	Acres

* Can be 25,000 with inspector's approval,

(Inspector's signature): _____

Date: _____

** Include a description of your aeration technique.

Aeration Code: _____

*** Al is only reported if the pH is above 9.0.

Category 4
Sampling Results

API No: 47-095-02810

Parameter	Predischarge		Discharge		Units
	Limits	Reported	Limits	Reported	
pH	6-10	_____	6-10	_____	S.U
Settling Time	1	_____	N/A	N/A	Days
Fe	Monitor	_____	Monitor	_____	mg/l
D.O.	Monitor	_____	Monitor	_____	mg/l
Settleable Sol.	Monitor	_____	Monitor	_____	mg/l
Cl*	12,500	_____	12,500	_____	mg/l
Oil	Trace	_____	Trace	_____	Obs.
TOC**		_____	Monitor	_____	mg/l
Oil and Grease		_____	Monitor	_____	mg/l
TSS		_____	Monitor	_____	mg/l
Total Mn	Monitor	_____	Monitor	_____	mg/l
Volume		_____	Monitor	_____	Gal
Flow		_____	Monitor	_____	Gal/min
Activated Carbon (0.175)		_____	N/A	N/A	lb/Bt
Date Site Reclaimed	N/A	N/A			10 days from dis.
Disposal Area		_____	Monitor	_____	Acres

* Can be 25,000 with inspector's approval,

(Inspector's signature): _____

Date: _____

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WV Department of
Environmental Protection

08/29/2023

WR-35 FORMATION DATA

PAD-WELL	T1-03-9		
ELEVATION	723		
PERMIT	47- 95-02810		
	TOP TVD	BOTTOM TVD	
Carroll Sand	385	418	
Murphy Sand	471	486	
1st Cow Run Sand	605	626	
Little Dunkard Sand	697	708	
Dunkard Sand	735	793	
sandstone	787	820	
2nd Cow Run Sand	923	955	
Gas Sand	1010	1057	
1st Salt	1078	1137	
2nd Salt	1257	1365	
3rd Salt	1426	1540	
Maxon	1601	1617	
Big Lime	1630	1689	
Big Injun	1702	1902	Oil show
Berea	2255	2257	
Gordon	2479	2494	Gas show
Fifth	2683	2694	
Warren	3163	3203	
Riley	4127	4140	
Benson	4778	4780	
Alexander	5027	5086	
Hamilton	5305	5615	
Upper Marcellus (Geneseo)	6278	6315	
Purcell (Tully Lm)	6315	6318	
Marcellus	6357		Gas show
Cherry Valley	6383		

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 WV Department of
 Environmental Protection

08/29/2023


OIL AND GAS RECLAMATION NOTICE

TO:

Name _____

Address _____

Name _____

Address _____

Name _____

Address _____

Pursuant to West Virginia Code 22-7, notice is hereby given that the undersigned well operator is commencing the reclamation of the surface disturbance caused by well work required by West Virginia Code 22-6-30 on the tract of land as follows:

API Permit No. 47- 095 - 02810 _____;

Acreage 80 _____;

Watershed Big Run of Outlet Middle Island Creek _____;

District McElroy _____;

County Tyler _____;

Public Road Access Big Run off Indian Creek _____;

Generally used farm name Donald J. & Judith A. Lisby _____.

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AUG 07 2023

This tract of land was utilized in connection with the well work authorized by the permit listed above issued by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. WV Department of Environmental Protection

Any claim for oil and gas production damage compensation from the undersigned must be made within 2 years of the publication of this notice.

Well Operator Jay-Bee Oil & Gas, Inc.

Address 429 Simonton Rd.

Ellenboro, WV 26346

Telephone 304-628-3111

08/29/2023

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	4/26/2023
Job End Date:	5/8/2023
State:	West Virginia
County:	Tyler
API Number:	47-095-02810-00-00
Operator Name:	Jay-Bee Oil & Gas, Inc.
Well Name and Number:	T1-03-9
Latitude:	39.44867000
Longitude:	-80.80182200
Datum:	NAD27
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,445
Total Base Water Volume (gal):	15,622,152
Total Base Non Water Volume:	0



Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water	JayBee	Carrier/Base Fluid	Water	7732-18-5	100.00000	89.58335	None
Sand (40/70 Mesh Proppant)	ProFrac	Proppant	Silica Substrate	14808-60-7	100.00000	4.09510	None
Sand (100 Mesh Proppant)	ProFrac	Proppant	Silica Substrate	14808-60-7	100.00000	3.90811	None
Sand (30/50 Mesh Proppant)	ProFrac	Proppant	Silica Substrate	14808-60-7	100.00000	1.00234	None
Sand (20/40 Mesh Ceramic)	ProFrac	Proppant	Silica Substrate	14808-60-7	100.00000	0.74153	None
Hydrochloric Acid (15%)	CNR	Acidizing	Water	7732-18-5	85.00000	0.45062	None
			Hydrochloric Acid (Hydrogen Chloride)	7647-01-0	37.00000	0.19615	None
ProSlick 373	ProFrac	Friction Reducer					

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			Petroleum distillates, hydrotreated light	64742-47-8	30.00000	0.02567	None
			Ethoxylated Alcohol	68551-12-2	5.00000	0.00428	None
BioSuite GQ123x	BioSuite	Biocide					
			Glutaral	111-30-8	15.00000	0.00411	None
			Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	5.00000	0.00137	None
Acid Pack Pro LT	ProFrac	Hydrochloric Acid Additive / Corrosion Inhibitor					
			Proprietary Blend	Proprietary	60.00000	0.00130	None
			Ethylene Glycol	107-21-1	30.00000	0.00065	None
ProChek 170	ProFrac	Scale Inhibitor					
			Methyl alcohol	67-56-1	5.00000	0.00122	None
Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.							
Other Chemical(s)	Listed Above	See Trade Name(s) List					
			Water	7732-18-5	85.00000	0.45062	
			Ethoxylated Alcohol	68551-12-2	5.00000	0.00428	
			Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	5.00000	0.00137	
			Ethylene Glycol	107-21-1	30.00000	0.00065	
			Ammonium chloride ((NH4)Cl)	12125-02-9	5.00000		
			Alcohols, C12-16, ethoxylated	68551-12-2	1.50000		
			Oleic Acid Diethanolamide	93-83-4	5.00000		

* Total Water Volume sources may include fresh water, produced water, and/or recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

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Company: Jay Bee Oil and Gas, LLC
 Well: T1-03-9
 Location: Tyler, West Virginia
 Rig: Falcon 39
 API No: 47-095-02810-00-00
 Start Date: 12/14/22 Start Depth: 335

Job Number: 71212 Calculation Method: Minimum Curvature
 Magnetic Declination: -7.62 Proposed Azimuth: 335.73
 Grid Correction: -0.83 Depth Ref: RKB 737.67 ft Plan # 3
 Total Correction: -6.79 Field: Appalachain, Marcellus
 North reference: Grid Location Lat/Long: 39.4486704, -80.8018223
 End Date: 12/30/22 End Depth: 17434

Survey Tool Type	Bit Depth (ft)	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Direction	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Local Coordinates (+N/-S) (ft) (+E/-W) (ft)		Closure Distance (ft) Angle (deg)		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')	Run #
TIP	240.67	240.67	1.32	220.40	S 40.4 W	0	240.65	-1.07	-1.74	-1.25	0	0	0	0	0	0
1st Svy	473	384	0.27	260.65	S 80.7 W	143	383.96	-1.69	-3.05	-2.65	4.04	221.00	0.79	-0.73	28.08	1
Velocity	515	426	0.31	238.22	S 58.2 W	42	425.96	-1.68	-3.13	-2.85	4.23	222.31	0.28	0.10	-53.40	1
Velocity	557	468	0.25	230.35	S 50.4 W	42	467.96	-1.72	-3.25	-3.01	4.43	222.88	0.17	-0.14	-18.74	1
Velocity	599	510	0.34	210.63	S 30.6 W	42	509.96	-1.82	-3.41	-3.15	4.64	222.70	0.32	0.21	-46.95	1
Velocity	641	552	0.43	200.10	S 20.1 W	42	551.96	-2.00	-3.67	-3.27	4.91	221.69	0.27	0.21	-25.07	1
Velocity	684	595	0.62	187.28	S 7.3 W	43	594.96	-2.31	-4.05	-3.35	5.26	219.61	0.52	0.44	-29.81	1
Velocity	726	637	0.68	172.10	S 7.9 E	42	636.96	-2.75	-4.52	-3.35	5.63	216.50	0.43	0.14	-36.14	1
Velocity	768	679	0.60	176.39	S 3.6 E	42	678.96	-3.19	-4.99	-3.30	5.98	213.47	0.22	-0.19	10.21	1
Velocity	810	721	0.66	169.54	S 10.5 E	42	720.95	-3.63	-5.45	-3.24	6.34	210.75	0.23	0.14	-16.31	1
Velocity	852	763	0.72	171.00	S 9.0 E	42	762.95	-4.12	-5.94	-3.15	6.73	207.96	0.15	0.14	3.48	1
Velocity	895	806	0.73	158.19	S 21.8 E	43	805.95	-4.66	-6.47	-3.01	7.13	204.97	0.38	0.02	-29.79	1
Velocity	937	848	0.73	166.03	S 14.0 E	42	847.94	-5.19	-6.97	-2.85	7.53	202.21	0.24	0.00	18.67	1
Velocity	979	890	0.71	146.95	S 33.1 E	42	889.94	-5.71	-7.45	-2.64	7.90	199.51	0.57	-0.05	-45.43	1
Velocity	1021	932	0.69	149.74	S 30.3 E	42	931.94	-6.22	-7.89	-2.37	8.24	196.73	0.09	-0.05	6.64	1
Velocity	1063	974	0.67	127.72	S 52.3 E	42	973.93	-6.68	-8.26	-2.05	8.51	193.94	0.62	-0.05	-52.43	1
Velocity	1105	1016	0.69	123.38	S 56.6 E	42	1015.93	-7.11	-8.55	-1.64	8.70	190.89	0.13	0.05	-10.33	1
Velocity	1148	1059	0.49	117.42	S 62.6 E	43	1058.93	-7.48	-8.77	-1.26	8.86	188.20	0.49	-0.47	-13.86	1
Velocity	1190	1101	0.33	80.69	N 80.7 E	42	1100.93	-7.65	-8.84	-0.99	8.89	186.36	0.71	-0.38	-87.45	1
Velocity	1232	1143	0.36	89.60	N 89.6 E	42	1142.93	-7.73	-8.82	-0.73	8.85	184.76	0.15	0.07	21.21	1
Velocity	1274	1185	0.26	75.76	N 75.8 E	42	1184.93	-7.80	-8.79	-0.51	8.81	183.32	0.30	-0.24	-32.95	1
Velocity	1317	1228	0.07	352.52	N 7.5 W	43	1227.93	-7.80	-8.74	-0.42	8.75	182.74	0.61	-0.44	-193.58	1
Velocity	1359	1270	0.32	323.90	N 36.1 W	42	1269.93	-7.66	-8.62	-0.49	8.63	183.26	0.62	0.60	-68.14	1
Velocity	1401	1312	0.40	318.72	N 41.3 W	42	1311.92	-7.40	-8.42	-0.66	8.44	184.46	0.21	0.19	-12.33	1
Velocity	1443	1354	0.43	317.28	N 42.7 W	42	1353.92	-7.11	-8.19	-0.86	8.23	186.00	0.08	0.07	-3.43	1
Velocity	1486	1397	0.57	311.22	N 48.8 W	43	1396.92	-6.76	-7.93	-1.13	8.01	188.12	0.35	0.33	-14.09	1
Velocity	1528	1439	0.56	334.63	N 25.4 W	42	1438.92	-6.37	-7.61	-1.38	7.73	190.25	0.55	-0.02	55.74	1
Velocity	1570	1481	0.57	7.83	N 7.8 E	42	1480.92	-5.99	-7.21	-1.44	7.36	191.25	0.77	0.02	79.05	1
Velocity	1612	1523	0.70	41.6	N 41.6 E	42	1522.92	-5.71	-6.82	-1.24	6.93	190.29	0.93	0.31	80.33	1
Velocity	1655	1566	0.82	47.1	N 47.1 E	43	1565.91	-5.50	-6.41	-0.84	6.46	187.44	0.33	0.28	12.74	1
Velocity	1697	1608	0.92	44.7	N 44.8 E	42	1607.91	-5.28	-5.97	-0.38	5.98	183.64	0.25	0.24	-5.38	1
Velocity	1739	1650	1.08	52.9	N 53.0 E	42	1649.90	-5.07	-5.49	0.17	5.49	178.19	0.51	0.38	19.52	1
Velocity	1782	1693	1.04	38.7	N 38.7 E	43	1692.89	-4.81	-4.94	0.74	5.00	171.46	0.62	-0.09	-33.19	1

North Reference of
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Velocity	4982	4907	43.72	30.64	N 30.6 E	84	4502.07	736.12	1112.11	675.62	1301.25	31.28	0.90	0.04	-1.30	2
Velocity	5068	4993	42.87	30.87	N 30.9 E	86	4564.66	769.92	1162.79	705.78	1360.22	31.26	1.01	-0.99	0.27	2
Velocity	5153	5078	43.28	29.91	N 29.9 E	85	4626.75	803.50	1212.87	735.14	1418.27	31.22	0.91	0.48	-1.13	2
Velocity	5238	5163	43.30	29.78	N 29.8 E	85	4688.62	837.67	1263.42	764.15	1476.53	31.17	0.11	0.02	-0.15	2
Velocity	5323	5248	41.87	29.93	N 29.9 E	85	4751.20	871.37	1313.31	792.78	1534.04	31.12	1.69	-1.68	0.18	2
Velocity	5409	5334	42.15	30.78	N 30.8 E	86	4815.11	904.69	1362.97	821.86	1591.59	31.09	0.74	0.33	0.99	2
Velocity	5495	5420	43.08	31.25	N 31.3 E	86	4878.39	937.85	1412.87	851.87	1649.81	31.09	1.14	1.08	0.55	2
Velocity	5579	5504	42.30	31.71	N 31.7 E	84	4940.14	969.91	1461.44	881.61	1706.77	31.10	1.00	-0.93	0.55	2
Velocity	5666	5591	41.55	31.61	N 31.6 E	87	5004.87	1002.47	1510.92	912.12	1764.89	31.12	0.87	-0.86	-0.11	2
Velocity	5752	5677	43.51	30.88	N 30.9 E	86	5068.24	1035.39	1560.62	942.26	1823.02	31.12	2.35	2.28	-0.85	2
Velocity	5838	5763	44.58	29.87	N 29.9 E	86	5130.06	1069.99	1612.21	972.49	1882.80	31.10	1.49	1.24	-1.17	2
Velocity	5924	5849	42.86	29.37	N 29.4 E	86	5192.21	1105.01	1663.87	1001.87	1942.22	31.05	2.04	-2.00	-0.58	2
Velocity	6012	5937	41.88	29.89	N 29.9 E	88	5257.22	1139.96	1715.42	1031.19	2001.51	31.01	1.18	-1.11	0.59	2
Velocity	6098	6023	42.50	30.69	N 30.7 E	86	5320.94	1173.44	1765.29	1060.32	2059.26	30.99	0.95	0.72	0.93	2
Velocity	6184	6109	41.96	32.32	N 32.3 E	86	5384.62	1205.95	1814.57	1090.52	2117.05	31.00	1.42	-0.63	1.90	2
Velocity	6273	6198	42.76	32.85	N 32.9 E	89	5450.39	1238.74	1865.10	1122.82	2177.00	31.05	0.98	0.90	0.60	2
Velocity	6358	6283	42.96	31.19	N 31.2 E	85	5512.69	1270.83	1914.12	1153.47	2234.80	31.07	1.35	0.24	-1.95	2
Velocity	6443	6368	42.54	29.11	N 29.1 E	85	5575.11	1304.39	1964.00	1182.45	2292.49	31.05	1.73	-0.49	-2.45	2
Velocity	6529	6454	41.96	27.87	N 27.9 E	86	5638.77	1339.38	2014.82	1210.03	2350.25	30.99	1.18	-0.67	-1.44	2
Velocity	6616	6541	40.06	29.08	N 29.1 E	87	5704.42	1373.94	2065.00	1237.24	2407.28	30.93	2.37	-2.18	1.39	2
Velocity	6703	6628	40.81	31.35	N 31.4 E	87	5770.64	1406.71	2113.75	1265.64	2463.69	30.91	1.90	0.86	2.61	2
Velocity	6792	6717	42.25	36.25	N 36.3 E	89	5837.29	1437.87	2162.73	1298.47	2522.59	30.98	3.99	1.62	5.51	2
Velocity	6880	6805	43.08	35.10	N 35.1 E	88	5902.00	1467.74	2211.18	1333.25	2582.03	31.09	1.29	0.94	-1.31	2
Velocity	6915	6840	43.11	33.95	N 34.0 E	35	5927.55	1480.13	2230.88	1346.80	2605.90	31.12	2.25	0.09	-3.29	2
Velocity	6951	6896	40.53	33.10	N 33.1 E	56	5969.29	1500.02	2262.00	1367.43	2643.20	31.15	4.72	-4.61	-1.52	3
Velocity	6995	6940	40.30	29.10	N 29.1 E	44	6002.79	1516.22	2286.42	1382.16	2671.71	31.15	5.92	-0.52	-9.09	3
Velocity	7040	6985	41.73	21.00	N 21.0 E	45	6036.77	1535.46	2313.13	1394.61	2701.02	31.09	12.23	3.18	-18.00	3
Velocity	7084	7029	43.97	14.02	N 14.0 E	44	6069.04	1557.77	2341.64	1403.57	2730.07	30.94	11.92	5.09	-15.86	3
Velocity	7128	7073	46.48	8.64	N 8.6 E	44	6100.04	1583.16	2372.25	1409.67	2759.48	30.72	10.38	5.70	-12.23	3
Velocity	7172	7117	49.59	6.51	N 6.5 E	44	6129.46	1610.96	2404.68	1413.96	2789.58	30.46	7.93	7.07	-4.84	3
Velocity	7216	7161	53.22	3.54	N 3.5 E	44	6156.91	1640.95	2438.92	1416.95	2820.66	30.16	9.79	8.25	-6.75	3
Velocity	7260	7205	56.41	1.37	N 1.4 E	44	6182.26	1673.07	2474.84	1418.48	2852.53	29.82	8.29	7.25	-4.93	3
Velocity	7304	7249	59.81	359.60	N 0.4 W	44	6205.50	1706.99	2512.19	1418.78	2885.15	29.46	8.45	7.73	-4.02	3
Velocity	7348	7293	62.04	357.59	N 2.4 W	44	6226.89	1742.42	2550.63	1417.83	2918.21	29.07	6.45	5.07	-4.57	3
Velocity	7392	7337	63.95	354.82	N 5.2 W	44	6246.87	1779.14	2589.74	1415.23	2951.21	28.66	7.09	4.34	-6.30	3
Velocity	7436	7381	66.20	351.29	N 8.7 W	44	6265.41	1817.23	2629.34	1410.40	2983.73	28.21	8.89	5.11	-8.02	3
Velocity	7480	7425	67.78	348.60	N 11.4 W	44	6282.62	1856.48	2669.21	1403.32	3015.62	27.73	6.68	3.59	-6.11	3
Velocity	7524	7469	70.27	347.04	N 13.0 W	44	6298.37	1896.65	2709.36	1394.65	3047.24	27.24	6.56	5.66	-3.55	3
Velocity	7568	7513	72.07	344.52	N 15.3 W	44	6312.57	1937.65	2749.72	1384.42	3078.57	26.72	6.79	4.09	-5.73	3
Velocity	7612	7557	75.10	341.05	N 19.0 W	44	6325.00	1979.53	2790.03	1371.92	3109.08	26.18	10.23	6.89	-7.89	3
Velocity	7656	7601	77.58	339.64	N 20.4 W	44	6335.40	2022.14	2830.28	1357.54	3139.02	25.62	6.44	5.64	-3.20	3
Velocity	7700	7645	79.86	336.23	N 23.3 W	44	6344.00	2065.25	2870.26	1341.32	3168.21	25.05	9.24	5.18	-7.80	3
Velocity	7744	7689	81.26	333.56	N 26.4 W	44	6351.22	2108.64	2909.56	1322.90	3196.18	24.45	6.74	3.18	-6.02	3

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Velocity	7788	7733	82.97	330.89	N 29.1 W	44	6357.26	2152.14	2948.11	1302.59	3223.06	23.84	7.16	3.89	-6.07	3
Velocity	7830	7775	84.38	329.74	N 30.3 W	42	6361.89	2193.70	2984.38	1281.92	3248.05	23.25	4.32	3.36	-2.74	3
Velocity	7874	7819	85.34	327.52	N 32.5 W	44	6365.83	2237.18	3021.79	1259.10	3273.62	22.62	5.48	2.18	-5.05	3
Velocity	7917	7862	86.50	324.71	N 35.3 W	43	6368.89	2279.46	3057.39	1235.19	3297.48	22.00	7.05	2.70	-6.53	3
Velocity	8004	7949	87.71	321.96	N 38.0 W	87	6373.28	2364.32	3127.08	1183.31	3343.48	20.73	3.45	1.39	-3.16	3
Velocity	8092	8037	88.12	321.18	N 38.8 W	88	6376.48	2449.59	3195.97	1128.65	3389.41	19.45	1.00	0.47	-0.89	3
Velocity	8180	8125	90.39	321.97	N 38.0 W	88	6377.63	2534.90	3264.90	1073.97	3437.00	18.21	2.73	2.58	0.90	3
Velocity	8268	8213	91.81	321.13	N 38.9 W	88	6375.94	2620.20	3333.80	1019.26	3486.13	17.00	1.87	1.61	-0.95	3
Velocity	8356	8301	92.15	318.86	N 41.1 W	88	6372.90	2704.85	3401.16	962.73	3534.79	15.80	2.61	0.39	-2.58	3
Velocity	8444	8389	91.39	317.60	N 42.4 W	88	6370.18	2788.73	3466.76	904.14	3582.73	14.62	1.67	-0.86	-1.43	3
Velocity	8532	8477	91.58	317.97	N 42.0 W	88	6367.90	2872.42	3531.92	845.03	3631.60	13.46	0.47	0.22	0.42	3
Velocity	8620	8565	90.53	318.11	N 41.9 W	88	6366.28	2956.25	3597.34	786.20	3682.25	12.33	1.20	-1.19	0.16	3
Velocity	8709	8654	89.58	316.87	N 43.1 W	89	6366.19	3040.77	3662.95	726.06	3734.22	11.21	1.76	-1.07	-1.39	3
Velocity	8797	8742	90.55	316.84	N 43.2 W	88	6366.09	3124.04	3727.15	665.89	3786.17	10.13	1.10	1.10	-0.03	3
Velocity	8885	8830	89.85	318.12	N 41.9 W	88	6365.79	3207.61	3792.01	606.41	3840.19	9.09	1.66	-0.80	1.45	3
Velocity	8973	8918	90.64	317.92	N 42.1 W	88	6365.41	3291.44	3857.43	547.55	3896.10	8.08	0.93	0.90	-0.23	3
Velocity	9061	9006	90.24	317.49	N 42.5 W	88	6364.73	3375.12	3922.52	488.34	3952.80	7.10	0.67	-0.45	-0.49	3
Velocity	9149	9094	88.70	317.84	N 42.2 W	88	6365.55	3458.77	3987.57	429.08	4010.58	6.14	1.79	-1.75	0.40	3
Velocity	9237	9182	89.39	317.86	N 42.1 W	88	6367.02	3542.51	4052.80	370.03	4069.66	5.22	0.78	0.78	0.02	3
Velocity	9326	9271	88.78	318.36	N 41.6 W	89	6368.44	3627.32	4119.04	310.61	4130.74	4.31	0.89	-0.69	0.56	3
Velocity	9414	9359	89.64	319.84	N 40.2 W	88	6369.65	3711.63	4185.55	253.00	4193.19	3.46	1.94	0.98	1.68	3
Velocity	9502	9447	89.96	319.48	N 40.5 W	88	6369.96	3796.19	4252.62	196.04	4257.14	2.64	0.55	0.36	-0.41	3
Velocity	9589	9534	91.69	321.63	N 38.4 W	87	6368.70	3880.14	4319.80	140.78	4322.09	1.87	3.17	1.99	2.47	3
Velocity	9677	9622	90.99	322.53	N 37.5 W	88	6366.65	3965.63	4389.20	86.71	4390.05	1.13	1.30	-0.80	1.02	3
Velocity	9765	9710	89.73	325.46	N 34.5 W	88	6366.09	4051.78	4460.37	34.99	4460.51	0.45	3.62	-1.43	3.33	3
Velocity	9853	9798	89.92	322.55	N 37.5 W	88	6366.36	4137.93	4531.56	-16.73	4531.59	359.79	3.31	0.22	-3.31	3
Velocity	9942	9887	90.47	322.41	N 37.6 W	89	6366.06	4224.56	4602.15	-70.93	4602.70	359.12	0.64	0.62	-0.16	3
Velocity	10029	9974	89.47	323.65	N 36.4 W	87	6366.11	4309.43	4671.66	-123.25	4673.28	358.49	1.83	-1.15	1.43	3
Velocity	10115	10060	88.95	323.41	N 36.6 W	86	6367.29	4393.48	4740.81	-174.36	4744.02	357.89	0.67	-0.60	-0.28	3
Velocity	10201	10146	90.21	322.40	N 37.6 W	86	6367.92	4477.33	4809.40	-226.23	4814.72	357.31	1.88	1.47	-1.17	3
Velocity	10290	10235	90.61	322.88	N 37.1 W	89	6367.28	4564.02	4880.14	-280.24	4888.18	356.71	0.70	0.45	0.54	3
Velocity	10376	10321	91.25	323.21	N 36.8 W	86	6365.89	4647.90	4948.86	-331.93	4959.97	356.16	0.84	0.74	0.38	3
Velocity	10462	10407	91.81	322.36	N 37.6 W	86	6363.59	4731.69	5017.32	-383.92	5031.99	355.62	1.18	0.65	-0.99	3
Velocity	10547	10492	92.09	322.12	N 37.9 W	85	6360.70	4814.29	5084.48	-435.94	5103.13	355.10	0.43	0.33	-0.28	3
Velocity	10633	10578	90.53	322.63	N 37.4 W	86	6358.73	4897.94	5152.57	-488.43	5175.67	354.58	1.91	-1.81	0.59	3
Velocity	10721	10666	90.62	322.95	N 37.1 W	88	6357.85	4983.71	5222.65	-541.65	5250.67	354.08	0.38	0.10	0.36	3
Velocity	10808	10753	90.70	322.98	N 37.0 W	87	6356.85	5068.55	5292.10	-594.04	5325.34	353.60	0.10	0.09	0.03	3
Velocity	10894	10839	90.07	323.43	N 36.6 W	86	6356.27	5152.50	5360.96	-645.55	5399.69	353.13	0.90	-0.73	0.52	3
Velocity	10981	10926	90.05	322.73	N 37.3 W	87	6356.18	5237.39	5430.52	-697.81	5475.17	352.68	0.80	-0.02	-0.80	3
Velocity	11069	11014	90.68	322.41	N 37.6 W	88	6355.62	5323.07	5500.40	-751.30	5551.47	352.22	0.80	0.72	-0.36	3
Velocity	11154	11099	91.09	322.48	N 38.5 W	85	6354.31	5405.62	5567.32	-803.68	5625.03	351.79	1.20	0.48	-1.09	3
Velocity	11238	11183	90.33	322.44	N 38.4 W	84	6353.27	5486.99	5632.95	-856.10	5697.64	351.36	0.93	-0.90	-0.21	3
Velocity	11324	11269	90.75	322.44	N 39.0 W	86	6352.45	5570.22	5699.92	-910.05	5772.11	350.93	0.61	0.49	-0.36	3

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Velocity	11412	11357	90.84	321.44	N 38.6 W	88	6351.23	5655.40	5768.51	-965.16	5848.70	350.50	0.52	0.10	0.51	3
Velocity	11500	11445	91.13	321.71	N 38.3 W	88	6349.72	5740.71	5837.44	-1019.85	5925.86	350.09	0.45	0.33	0.31	3
Velocity	11586	11531	90.47	322.56	N 37.4 W	86	6348.52	5824.30	5905.33	-1072.63	6001.95	349.71	1.25	-0.77	0.99	3
Velocity	11672	11617	91.09	322.77	N 37.2 W	86	6347.35	5908.06	5973.70	-1124.78	6078.67	349.34	0.76	0.72	0.24	3
Velocity	11760	11705	90.13	322.25	N 37.8 W	88	6346.41	5993.72	6043.52	-1178.33	6157.32	348.97	1.24	-1.09	-0.59	3
Velocity	11847	11792	90.52	322.22	N 37.8 W	87	6345.92	6078.32	6112.29	-1231.61	6235.14	348.61	0.45	0.45	-0.03	3
Velocity	11933	11878	90.87	320.96	N 39.0 W	86	6344.88	6161.71	6179.67	-1285.04	6311.87	348.25	1.52	0.41	-1.47	3
Velocity	12018	11963	91.22	319.55	N 40.5 W	85	6343.33	6243.61	6245.02	-1339.38	6387.03	347.90	1.71	0.41	-1.66	3
Velocity	12107	12052	89.87	318.40	N 41.6 W	89	6342.48	6328.82	6312.16	-1397.79	6465.07	347.51	1.99	-1.52	-1.29	3
Velocity	12194	12139	89.99	320.16	N 39.8 W	87	6342.59	6412.26	6378.09	-1454.54	6541.85	347.15	2.03	0.14	2.02	3
Velocity	12279	12224	90.47	322.06	N 37.9 W	85	6342.24	6494.50	6444.25	-1507.91	6618.32	346.83	2.31	0.56	2.24	3
Velocity	12364	12309	91.81	323.60	N 36.4 W	85	6340.55	6577.33	6511.96	-1559.25	6696.04	346.53	2.40	1.58	1.81	3
Velocity	12451	12396	92.09	322.96	N 37.0 W	87	6337.59	6662.24	6581.66	-1611.24	6776.01	346.24	0.80	0.32	-0.74	3
Velocity	12536	12481	91.35	322.59	N 37.4 W	85	6335.04	6745.04	6649.31	-1662.63	6854.02	345.96	0.97	-0.87	-0.44	3
Velocity	12622	12567	90.64	321.76	N 38.2 W	86	6333.55	6828.63	6717.23	-1715.36	6932.79	345.67	1.27	-0.83	-0.97	3
Velocity	12708	12653	89.45	320.87	N 39.1 W	86	6333.48	6911.92	6784.36	-1769.11	7011.22	345.38	1.73	-1.38	-1.03	3
Velocity	12797	12742	89.61	320.92	N 39.1 W	89	6334.21	6997.95	6853.42	-1825.25	7092.31	345.09	0.19	0.18	0.06	3
Velocity	12882	12827	90.64	320.91	N 39.1 W	85	6334.03	7080.12	6919.40	-1878.84	7169.94	344.81	1.21	1.21	-0.01	3
Velocity	12967	12912	91.04	320.88	N 39.1 W	85	6332.78	7162.28	6985.35	-1932.45	7247.72	344.54	0.47	0.47	-0.04	3
Velocity	13051	12996	89.75	321.83	N 38.2 W	84	6332.20	7243.65	7050.95	-1984.90	7325.01	344.28	1.91	-1.54	1.13	3
Velocity	13136	13081	89.96	321.02	N 39.0 W	85	6332.41	7326.01	7117.40	-2037.90	7403.41	344.02	0.98	0.25	-0.95	3
Velocity	13222	13167	90.64	321.12	N 38.9 W	86	6331.96	7409.21	7184.30	-2091.94	7482.67	343.77	0.80	0.79	0.12	3
Velocity	13308	13253	89.87	320.21	N 39.8 W	86	6331.58	7492.25	7250.82	-2146.45	7561.85	343.51	1.39	-0.90	-1.06	3
Velocity	13396	13341	89.65	319.53	N 40.5 W	88	6331.95	7576.90	7318.10	-2203.17	7642.55	343.25	0.81	-0.25	-0.77	3
Velocity	13481	13426	90.55	321.01	N 39.0 W	85	6331.80	7658.82	7383.47	-2257.49	7720.87	343.00	2.04	1.06	1.74	3
Velocity	13567	13512	91.19	320.84	N 39.2 W	86	6330.50	7741.95	7450.22	-2311.70	7800.62	342.76	0.77	0.74	-0.20	3
Velocity	13655	13600	90.90	320.82	N 39.2 W	88	6328.89	7826.98	7518.43	-2367.27	7882.31	342.52	0.33	-0.33	-0.02	3
Velocity	13740	13685	90.05	319.09	N 40.9 W	85	6328.19	7908.77	7583.50	-2421.95	7960.86	342.29	2.27	-1.00	-2.04	3
Velocity	13828	13773	90.48	317.94	N 42.1 W	88	6327.78	7992.83	7649.42	-2480.24	8041.47	342.04	1.40	0.49	-1.31	3
Velocity	13914	13859	90.79	317.03	N 43.0 W	86	6326.83	8074.50	7712.81	-2538.36	8119.77	341.78	1.12	0.36	-1.06	3
Velocity	14001	13946	89.13	320.11	N 39.9 W	87	6326.89	8157.61	7778.03	-2595.92	8199.79	341.54	4.02	-1.91	3.54	3
Velocity	14088	14033	90.02	320.43	N 39.6 W	87	6327.53	8241.46	7844.93	-2651.52	8280.91	341.33	1.09	1.02	0.37	3
Velocity	14172	14117	90.38	320.90	N 39.1 W	84	6327.24	8322.57	7909.90	-2704.77	8359.56	341.12	0.70	0.43	0.56	3
Velocity	14258	14203	90.81	320.69	N 39.3 W	86	6326.35	8405.66	7976.54	-2759.12	8440.26	340.92	0.56	0.50	-0.24	3
Velocity	14344	14289	90.13	321.24	N 38.8 W	86	6325.64	8488.82	8043.34	-2813.28	8521.14	340.72	1.02	-0.79	0.64	3
Velocity	14430	14375	88.10	321.63	N 38.4 W	86	6326.97	8572.14	8110.57	-2866.89	8602.35	340.53	2.40	-2.36	0.45	3
Velocity	14515	14460	89.44	323.34	N 36.7 W	85	6328.79	8654.86	8177.97	-2918.63	8683.18	340.36	2.56	1.58	2.01	3
Velocity	14601	14546	89.81	323.80	N 36.2 W	86	6329.36	8738.93	8247.16	-2969.70	8765.55	340.20	0.69	0.43	0.53	3
Velocity	14688	14633	90.56	323.20	N 36.8 W	87	6329.08	8823.95	8317.10	-3021.45	8848.91	340.03	1.10	0.86	-0.69	3
Velocity	14773	14718	89.95	321.22	N 38.8 W	85	6328.70	8906.59	8384.27	-3073.53	8929.87	339.87	2.44	-0.72	-2.33	3
Velocity	14860	14805	90.13	321.65	N 38.4 W	87	6328.64	8990.90	8452.29	-3127.77	9012.45	339.69	0.54	0.21	0.49	3
Velocity	14946	14891	90.65	320.63	N 39.4 W	86	6328.05	9074.12	8519.26	-3181.73	9094.01	339.52	1.33	0.60	-1.19	3
Velocity	15034	14979	89.55	321.64	N 38.4 W	88	6327.90	9159.28	8587.77	-3236.94	9177.56	339.35	1.70	-1.25	1.15	3

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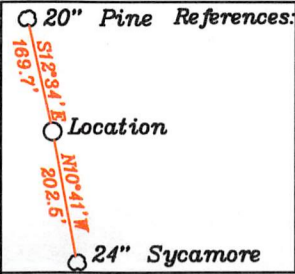
Velocity	15122	15067	89.81	321.15	N 38.9 W	88	6328.39	9244.54	8656.54	-3291.85	9261.32	339.18	0.63	0.30	-0.56	3
Velocity	15210	15155	90.18	320.54	N 39.5 W	88	6328.40	9329.58	8724.78	-3347.41	9344.89	339.01	0.81	0.42	-0.69	3
Velocity	15296	15241	90.58	319.76	N 40.2 W	86	6327.83	9412.42	8790.80	-3402.52	9426.31	338.84	1.02	0.47	-0.91	3
Velocity	15384	15329	89.48	320.61	N 39.4 W	88	6327.78	9497.20	8858.39	-3458.86	9509.73	338.67	1.58	-1.25	0.97	3
Velocity	15472	15417	90.22	320.44	N 39.6 W	88	6328.01	9582.12	8926.32	-3514.81	9593.39	338.51	0.86	0.84	-0.19	3
Velocity	15558	15503	90.41	321.80	N 38.2 W	86	6327.54	9665.33	8993.27	-3568.79	9675.49	338.36	1.60	0.22	1.58	3
Velocity	15644	15589	90.32	323.99	N 36.0 W	86	6326.99	9749.18	9061.85	-3620.67	9758.40	338.22	2.55	-0.10	2.55	3
Velocity	15730	15675	90.78	324.34	N 35.7 W	86	6326.16	9833.43	9131.56	-3671.01	9841.84	338.10	0.67	0.53	0.41	3
Velocity	15816	15761	90.02	323.71	N 36.3 W	86	6325.56	9917.64	9201.16	-3721.53	9925.28	337.98	1.15	-0.88	-0.73	3
Velocity	15903	15848	90.56	324.22	N 35.8 W	87	6325.12	10002.81	9271.51	-3772.71	10009.71	337.86	0.85	0.62	0.59	3
Velocity	15990	15935	91.16	324.24	N 35.8 W	87	6323.82	10088.05	9342.09	-3823.56	10094.27	337.74	0.69	0.69	0.02	3
Velocity	16076	16021	90.18	323.94	N 36.1 W	86	6322.81	10172.27	9411.74	-3873.99	10177.85	337.63	1.19	-1.14	-0.35	3
Velocity	16162	16107	90.38	323.85	N 36.2 W	86	6322.39	10256.44	9481.22	-3924.67	10261.41	337.51	0.26	0.23	-0.10	3
Velocity	16247	16192	91.18	324.57	N 35.4 W	85	6321.24	10339.72	9550.16	-3974.37	10344.14	337.40	1.27	0.94	0.85	3
Velocity	16333	16278	89.58	322.72	N 37.3 W	86	6320.66	10423.81	9619.42	-4025.35	10427.69	337.29	2.84	-1.86	-2.15	3
Velocity	16419	16364	90.19	322.54	N 37.5 W	86	6320.84	10507.57	9687.77	-4077.55	10510.91	337.17	0.74	0.71	-0.21	3
Velocity	16505	16450	90.36	322.11	N 37.9 W	86	6320.42	10591.23	9755.83	-4130.11	10594.06	337.05	0.54	0.20	-0.50	3
Velocity	16591	16536	90.39	321.64	N 38.4 W	86	6319.86	10674.72	9823.48	-4183.20	10677.08	336.93	0.55	0.03	-0.55	3
Velocity	16676	16621	88.73	321.56	N 38.4 W	85	6320.51	10757.14	9890.09	-4236.00	10759.07	336.81	1.96	-1.95	-0.09	3
Velocity	16761	16706	89.07	320.75	N 39.3 W	85	6322.15	10839.39	9956.28	-4289.30	10840.92	336.69	1.03	0.40	-0.95	3
Velocity	16848	16793	89.70	320.94	N 39.1 W	87	6323.08	10923.47	10023.74	-4344.23	10924.64	336.57	0.76	0.72	0.22	3
Velocity	16934	16879	89.79	320.46	N 39.5 W	86	6323.46	11006.53	10090.29	-4398.70	11007.39	336.45	0.57	0.10	-0.56	3
Velocity	17020	16965	90.24	320.51	N 39.5 W	86	6323.44	11089.50	10156.64	-4453.42	11090.09	336.32	0.53	0.52	0.06	3
Velocity	17106	17051	90.45	320.18	N 39.8 W	86	6322.92	11172.42	10222.85	-4508.30	11172.80	336.20	0.45	0.24	-0.38	3
Velocity	17193	17138	91.05	319.59	N 40.4 W	87	6321.78	11256.10	10289.37	-4564.35	11256.31	336.08	0.97	0.69	-0.68	3
Velocity	17279	17224	90.47	318.86	N 41.1 W	86	6320.64	11338.55	10354.49	-4620.51	11338.64	335.95	1.08	-0.67	-0.85	3
Velocity	17365	17310	90.56	318.13	N 41.9 W	86	6319.87	11420.68	10418.90	-4677.50	11420.70	335.82	0.86	0.10	-0.85	3
Last Svy	17434	17379	90.90	318.15	N 41.9 W	69	6318.99	11486.45	10470.28	-4723.54	11486.45	335.72	0.49	0.49	0.03	3
Projection	17434	17434	90.90	318.15	N 41.9 W	55	6318.13	11538.88	10511.25	-4760.23	11538.89	335.64	0.00	0.00	0.00	3

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LATITUDE 39-27-30 N
LATITUDE 39-30-00 N

Top Hole 2,968'

Bottom Hole 7,777'

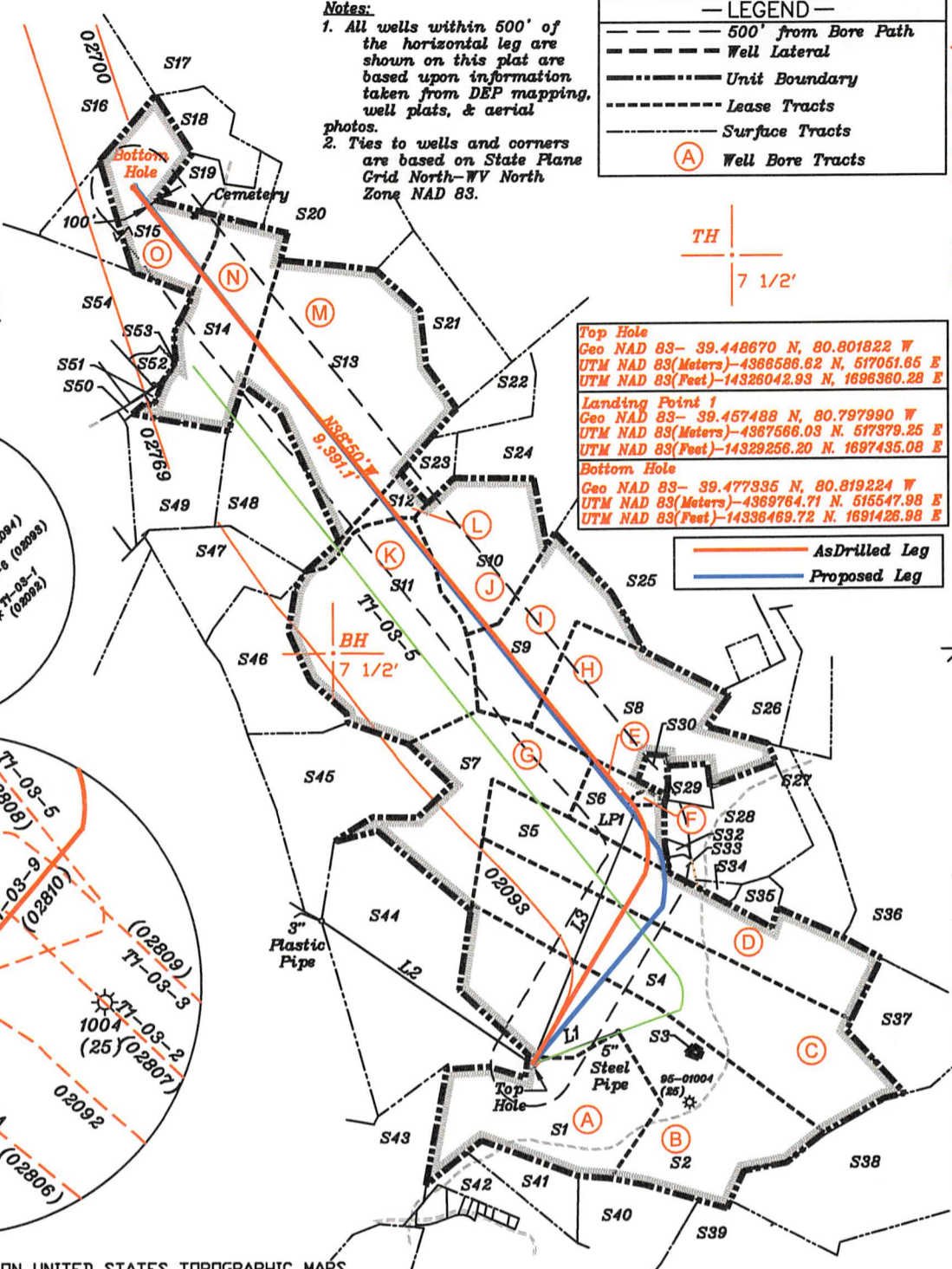
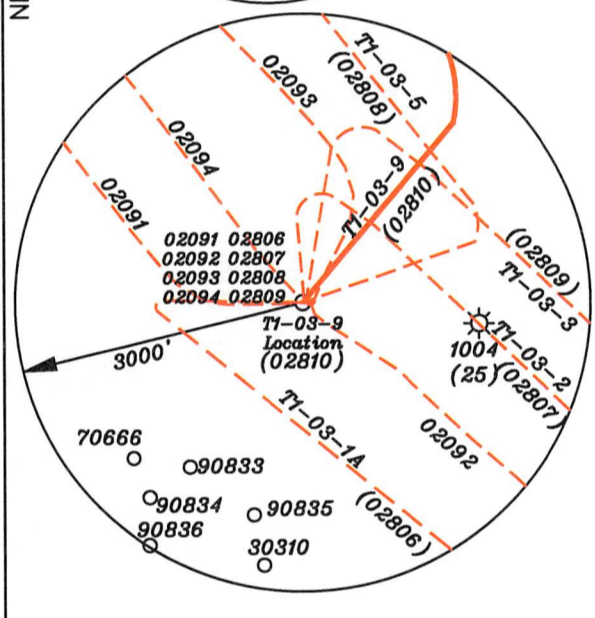
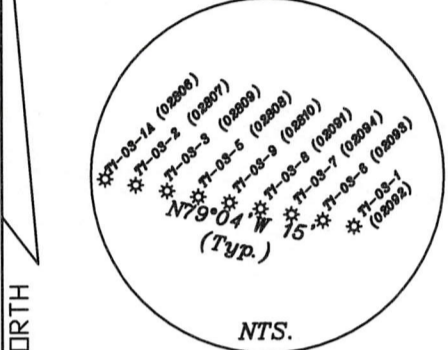


Notes:
1. All wells within 500' of the horizontal leg are shown on this plat are based upon information taken from DEP mapping, well plats, & aerial photos.
2. Ties to wells and corners are based on State Plane Grid North-WV North Zone NAD 83.

— LEGEND —

- 500' from Bore Path
- - - Well Lateral
- Unit Boundary
- - - Lease Tracts
- - - Surface Tracts
- (A) Well Bore Tracts

3. No water wells were found within 250' of the well location. No dwellings or buildings were found within 625' from the center of the proposed pad. No producing trout stream is located within 300' of LOD. There is a permit modification dated 1/29/14 with a waiver for the distance of the LOD from Big Run.
4. Line Table is on Page 2.



Top Hole
Geo NAD 83- 39.448670 N, 80.801822 W
UTM NAD 83(Meters)-4386586.62 N, 517051.65 E
UTM NAD 83(Feet)-14328042.93 N, 1696360.28 E

Landing Point 1
Geo NAD 83- 39.457488 N, 80.797990 W
UTM NAD 83(Meters)-4367566.03 N, 517379.25 E
UTM NAD 83(Feet)-14329256.20 N, 1697435.08 E

Bottom Hole
Geo NAD 83- 39.477335 N, 80.819224 W
UTM NAD 83(Meters)-4369764.71 N, 515547.98 E
UTM NAD 83(Feet)-14336469.72 N, 1691426.98 E

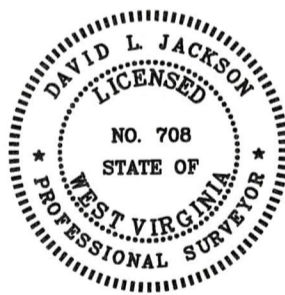
As Drilled Leg
Proposed Leg

(+) 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 L Jackson
R.P.E. _____ P.S. 708



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

DATE July 17, 2023
OPERATOR'S WELL NO. T1-03-9
API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL STATE 47 COUNTY 095 PERMIT 02810
(IF 'GAS') PRODUCTION X STORAGE DEEP SHALLOW X

LOCATION: ELEVATION 724.3' WATER SHED Big Run of Outlet Middle Island Creek (HUC-10)
DISTRICT McElroy COUNTY Tyler
QUADRANGLE Shirley 7 1/2'

SURFACE OWNER Donald J. Lisby and Judith A. Lisby ACREAGE 80 ac.
OIL & GAS ROYALTY OWNER J.E. Spence LEASE ACREAGE 639 ac
LEASE NO. T1-03 See Page 2 08/29/2023

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

PLUG AND ABANDON CLEAN OUT AND REPLUG
TARGET FORMATION Marcellus ESTIMATED DEPTH TVD: 6,378'; TMD 17,434'
WELL OPERATOR Jay-Bee Oil & Gas, Inc. DESIGNATED AGENT Deborah Broda-Morgan
ADDRESS 16 South Avenue W, Ste 118, Cranford NJ 07016 ADDRESS 429 Simonton Road, Ellenboro, WV 26346

Top Hole 8,256'
Top Hole 3,506'
Bottom Hole 8,256'
Top Hole 80-47-30 N (TH)
Bottom Hole 80-47-30 N (BH)

Tags	Number	Tax Map -Parcel	Surface Owner	Acres
A	S1	05-10-04	DONALD J LISBY & JUDITH A LISBY	80
B	S2	05-11-49	JUDY NICHOLS (LIFE ESTATE) & MARK L NICHOLS & MITCHELL B NICHOLS	133.71
	S3	05-11-01	HENRY WRIGHT HRS	0.29
C	S4	05-06-41	DONALD J LISBY & JUDITH LISBY	115
D	S5	05-06-40	ANTHONY ANDREW HAUGHT & AMY JO HAUGHT	93
E	S6	05-06-42.1	BRIAN K & KATHRYN A HAYDEN	19.349
G	S7	05-05-17	BRIAN K & KATHRYN A HAYDEN	61.73
H	S8	05-05-18	JIMMIE L HADLEY & RHEA K HADLEY IRREVOCABLE TRUST	87.1
I	S9	05-05-19	JIMMIE L HADLEY & RHEA K HADLEY IRREVOCABLE TRUST	52
J	S10	05-05-20	JIMMIE L HADLEY & RHEA K HADLEY IRREVOCABLE TRUST	49.88
K	S11	05-05-16	LAURA L GARGASZ	90.13
L	S12	02-28-37	JULIA A SMITH	15
M	S13	02-28-38	BOYD W WEEKLEY	113.89
N	S14	02-22-33	WILMA WEEKLEY	65.75
O	S15	02-22-34	RAYMOND LOU PARR, BRUCE PARR, & MICHAEL & PAMELA MAHAN	55.22
	S16	02-22-38	BRUCE & SANDRA L PARR	113
	S17	02-22-23.1	RAYMOND L PARR	18
	S18	02-22-23.2	ANTHONY B PARR	17
	S19	02-22-23	ANTHONY B PARR	17
	S20	02-22-32	RICHARD GRODSKY & DAVID LANGWORTHY & ROBERT BROOKS	53
	S21	02-28-39	WSD PROPERTIES LLC	35
	S22	02-28-40	WSD PROPERTIES LLC	20.42
	S23	02-28-41	JIMMIE L HADLEY & RHEA K HADLEY IRREVOCABLE TRUST	10.66
	S24	05-05-21	LARRY SHAWN CAINE	41.62
	S25	05-06-44	JAMES IRA & GORBY PAULETTE M GORBY	105.5
	S26	05-06-46	JAMES IRA & GORBY PAULETTE M GORBY	18.74
	S27	05-06-39	COASTAL FOREST RESOURCES CO d/b/a COASTAL TIMBERLANDS CO	23
	S28	05-06-42	JIMMIE L HADLEY & RHEA K HADLEY IRREVOCABLE TRUST	34.171
	S29	p/o 05-05-18 & p/o 05-06-42	DANIEL L HADLEY	5.52
	S30	05-06-54	MICHELLE DENISE HADLEY	2.899
F	S31	05-06-43	JAMES D & MARSHA L DOTSON	1.2
	S32	05-06-42.4	JIMMIE L HADLEY & RHEA K HADLEY IRREVOCABLE TRUST	1.055
	S33	05-06-42.2	RICHARD C WARNER	1.925
	S34	05-06-42.3	RICHARD C WARNER	2.02
	S35	05-06-42.5	RICHARD C WARNER	5.38
	S36	05-06-37	F M WHITE HRS & ELIJAH SPENCER ET AL & SYLVESTER WHITE HRS & RONALD HOOVER	108
	S37	05-11-02	KATHY ANN SEAGO ET AL	32.25
	S38	05-11-03	COASTAL FOREST RESOURCES CO	119
	S39	05-11-48	SD & ME SPENCER ESTATE	18.25
	S40	p/o 05-10-12	JOSEPH BOYD	35
	S41	p/o 05-10-12	JOSEPH BOYD	10.25
	S42	05-10-11	LONNIE C & DEBBIE K FREY	85
	S43	05-10-03	JASON M & AIMEE L STEVENS	27.25
	S44	05-05-15	EDSEL HOOVER, TERRY & TERESA JACKSON, & EILEEN YOUNG	112.25
	S45	05-05-13&14	LAURA L GARGASZ	62.5
	S46	05-05-12	JOANNE GRAFF, JEANNE MCMULLEN & JOYCE WHARTON	63.38
	S47	05-05-11	JAMES E JOHNSON	32
	S48	02-28-36	JIM & SANDRA F YOUNG	46.5
	S49	02-28-35	SHIRL N BAKER JR	32
	S50	02-28-42	ROBERT H ANDERSON	0.99
	S50	02-22-35	EDDY ALFRED L	52.96
	S51	02-22-34	SHIRL NORMAN BAKER JR.	0.5
	S52	02-28-45	BRIAN W PARR & PARR REBECCA J	4.552
	S53	02-28-44	SHIRL N BAKER JR ET AL	0.02
	S54	02-22-35	EDDY ALFRED L	52.96

Top Hole
Geo NAD 83- 39.448670 N, 80.801822 W
UTM NAD 83(Meters)-4386588.68 N, 517051.65 E
UTM NAD 83(Feet)-14328043.14 N, 1696360.30 E

Landing Point 1
Geo NAD 83- 39.456895 N, 80.797802 W
UTM NAD 83(Meters)-4387500.28 N, 517412.71 E
UTM NAD 83(Feet)-14329040.50 N, 1697544.86 E

Bottom Hole
Geo NAD 83- 39.477363 N, 80.819169 W
UTM NAD 83(Meters)-4389767.87 N, 515552.70 E
UTM NAD 83(Feet)-14338480.07 N, 1691442.47 E

NUMBER	DIRECTION	DISTANCE
L1	N69°45' E	1,101.7'
L2	N65°38' W	3,058.9'
L3	N19°27' E	3,389.4'

Jay-Bee Oil & Gas, Inc. - T1-03-9 Permit - WW-6A1 Exhibit

Tracts	District Tax Map/Parcel	JB Tract #	Lessor, Grantor, etc.	Deed Book/Page
A	05-10-4	p/o T1-03	Bernice Baker, et al	391/342
B	05-11-49	p/o T1-03	Sara L. Anetsberger, et al	390/211
C	05-06-41	p/o T1-03	Sara L. Anetsberger, et al	390/211
D	05-06-40	p/o T1-03	Sara L. Anetsberger, et al	390/211
E	05-06-42.1	FoutT34	Susan Jean Ash, et al	461/143
F	05-06-43	FoutT34	Susan Jean Ash, et al	461/143
G	05-05-17	T3130	BRC Appalachian Minerals, LLC, et al	369/648
H	05-05-18	T3127B	Larry Shawn Caine, et al	373/54
I	05-05-19	T3127C	Larry Shawn Caine, et al	373/54
J	05-05-20	T3127D	Larry Shawn Caine, et al	373/54
K	05-05-16	T3127A & W698	Mary Ann Ketelson, et al	390/736
L	02-28-37	T3126A	Waco Oil & Gas Company Inc., et al	463/794
M	02-28-38	T3124-T16	Beulah Adams, et al	495/820
N	02-22-33	T3153A	Beulah Adams, et al	495/820
O	02-22-34	T3153B	Beulah Adams, et al	495/792

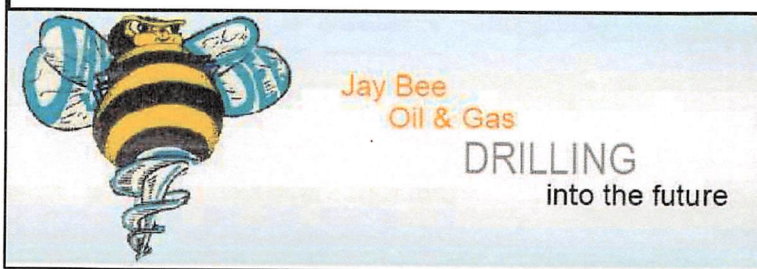


P.S. 708

David L Jackson

OPERATOR'S
WELL #: T1-03-9
API #: 47-095-02810
DISTRICT: McElroy
COUNTY: Tyler
STATE: WV

WELL PLAT
PAGE 2 OF 2
DATE: 07/17/2023

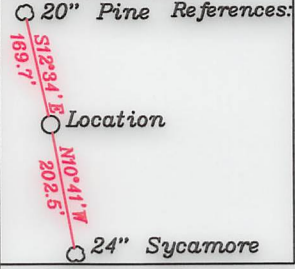


Notes:

- 1. All wells within 500' of the horizontal leg are shown on this plat are based upon information taken from DEP mapping, well plats, & aerial photos.
- 2. Ties to wells and corners are based on State Plane Grid North-WV North Zone NAD 83.

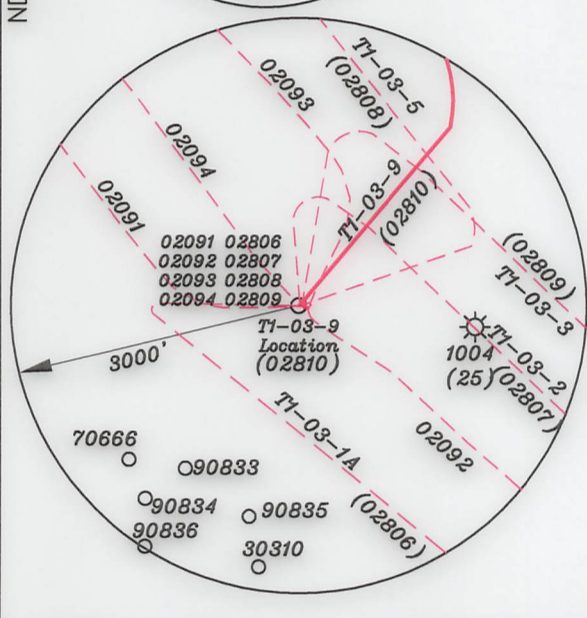
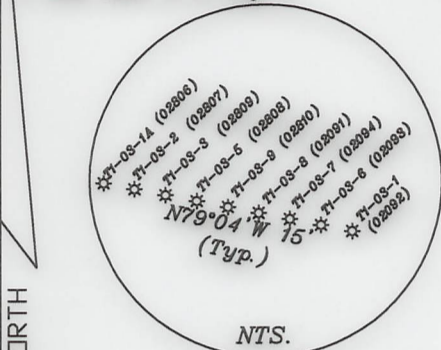
— LEGEND —

- 500' from Bore Path
- - - Well Lateral
- Unit Boundary
- Lease Tracts
- Surface Tracts
- (A) Well Bore Tracts



3. No water wells were found within 250' of the well location. No dwellings or buildings were found within 625' from the center of the proposed pad. No producing trout stream is located within 300' of LOD. There is a permit modification dated 1/29/14 with a waiver for the distance of the LOD from Big Run.

4. Line Table is on Page 2.

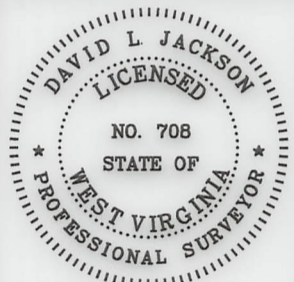


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

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.

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

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



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

DATE July 31, 2023
 OPERATOR'S WELL NO. T1-03-9
 API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION X WASTE DISPOSAL _____
 (IF "GAS") PRODUCTION X STORAGE _____ DEEP _____ SHALLOW X
 LOCATION: ELEVATION 724.3' WATER SHED Big Run of Outlet Middle Island Creek (HUC-10)
 DISTRICT McElroy COUNTY Tyler
 QUADRANGLE Shirley 7 1/2'

SURFACE OWNER Donald J. Lisby and Judith A. Lisby ACREAGE 80 ac.
 OIL & GAS ROYALTY OWNER J.E. Spence LEASE ACRE 67.689
 LEASE NO. T1-03 See Page 2 DATE 08/29/2023

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

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 LONGITUDE 80-47-30 N (BH)

JW

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P.S. 708

David L Jackson

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Jay Bee Oil & Gas

DRILLING into the future

OPERATOR'S
 WELL #: T1-03-9
 API #: 47-095-02810
 DISTRICT: McElroy
 COUNTY: Tyler
 STATE: WV

WELL PLAT
 PAGE 2 OF 2
 DATE: 07/31/2023