

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

API 47-095-02447-00 County Tyler District Ellsworth  
Quad Middlebourne 7.5' Pad Name Curly Pad Field/Pool Name \_\_\_\_\_  
Farm name Jay-Bee Oil & Gas, Inc. Well Number Curly 2U  
Operator (as registered with the OOG) Jay-Bee Oil & Gas, Inc.  
Address 3570 Shields Hill Road City Cairo State WV Zip 26337

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey  
Top hole Northing 4368255.2 Easting 508844.4  
Landing Point of Curve Northing 4367991.7 Easting 508913.3  
Bottom Hole Northing 4366103.9 Easting 509563.9

Elevation (ft) 1,124.5' 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)  
Anco Synthetic Based Mud System (oil base)

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Date permit issued 2/6/2018 Date drilling commenced 5/4/2018 Date drilling ceased 6/7/2018  
Date completion activities began 11/5/2018 Date completion activities ceased 11/21/2018  
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 204' 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:  
JEB  
6/18/2020

WR-35  
Rev. 8/23/13

API 47-095 - 02447-00 Farm name Jay-Bee Oil & Gas, Inc. Well number Curly 2U

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	30"	26"	30'	New			Y
Surface	22"	18" 5/8"	545'	New	J55-87.5#	42'-480'	Y
Coal							
Intermediate 1	17" 1/2"	13" 3/8"	2,305'	New	J55-61#	248'-2196'	Y
Intermediate 2	12" 1/4"	9" 5/8"	10,295'	New	P110-47#	221'-2971'	Y
Intermediate 3							
Production	8" 1/2"	5" 1/2"	18,547'	New	P110-23#		Yes
Tubing							
Packer type and depth set							

Comment Details \_\_\_\_\_

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft <sup>3</sup> /sks)	Volume (ft <sup>3</sup> )	Cement Top (MD)	WOC (hrs)
Conductor							
Surface	Class A	725	15.6	1.196	868	CTS	8
Coal							
Intermediate 1	Class A	1679	15.6	1.185	1990	CTS	8
Intermediate 2	Class A	L-1032 T-763	L-12.5 T-15.0	L-2322 T-1.29	L-2322 T-990	CTS	8
Intermediate 3							
Production	Class A	3182	15.6	1.182	3763	1000' FS	8
Tubing							

Drillers TD (ft) 18,547' Loggers TD (ft) 18,547'  
 Deepest formation penetrated Point Pleasant (Utica) Plug back to (ft) n/a  
 Plug back procedure n/a

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Kick off depth (ft) 10,371'

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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 \_\_\_\_\_

- 90 Degree
- 90-70 Degree Every Second Joint
- 70 Degree - KOP Every Third Joint
- KOP - Surface Centralizers Placed Every 500'

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 \_\_\_\_\_

API 47- 095 - 02447-00 Farm name Jay-Bee Oil & Gas, Inc. Well number Curly 2U

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
1	11/5/18	18422	18326	95	Point Pleasant
2	11/10/18	18288	18136	95	Point Pleasant
3	11/11/18	18086	17922	95	Point Pleasant
4	11/11/18	17880	17736	95	Point Pleasant
5	11/11/18	17686	17544	95	Point Pleasant
6	11/12/18	17494	17344	95	Point Pleasant
7	11/12/18	17300	17170	95	Point Pleasant
8	11/12/18	17112	16982	95	Point Pleasant
9	11/12/18	16934	16772	95	Point Pleasant
10	11/13/18	16728	16594	95	Point Pleasant
11	11/13/18	16546	16416	95	Point Pleasant
12	11/13/18	16362	16212	95	Point Pleasant
13	11/13/18	16166	16010	95	Point Pleasant
14	11/14/18	15962	15816	95	Point Pleasant
15	11/14/18	15768	15622	95	Point Pleasant
16	11/14/18	15582	15432	95	Point Pleasant

Please insert additional pages as applicable.

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STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

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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)
1	11/5/18	54.2	11434	n/a	8459	9600	9240	n/a
2	11/10/18	71.6	11218	11876	7393	452840	10151	n/a
3	11/11/18	77.7	10868	12166	7726	477500	10438	n/a
4	11/11/18	75.7	11113	12412	7724	472700	10937	n/a
5	11/11/18	77.7	10831	11108	7902	475300	9824	n/a
6	11/12/18	76.2	10958	12088	7886	474620	10082	n/a
7	11/12/18	77.9	10970	12364	7632	477520	10127	n/a
8	11/12/18	75.9	10817	12020	7620	481260	10120	n/a
9	11/12/18	72	10987	11966	7672	467540	9736	n/a
10	11/13/18	74	10916	12230	7685	473660	10545	n/a
11	11/13/18	75.5	10908	10301	7779	468080	9898	n/a
12	11/13/18	76.6	11018	11195	7742	474400	9764	n/a
13	11/13/18	76.2	10405	10192	7917	466840	9652	n/a
14	11/14/18	76.3	10492	10922	7825	473560	9660	n/a
15	11/14/18	77.6	10526	10094	7962	478000	9789	n/a
16	11/14/18	77.1	10328	10455	8121	470780	10010	n/a

Please insert additional pages as applicable.

API 47-095 - 02447-00 Farm name Jay-Bee Oil & Gas, Inc. Well number Curly 2U

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
17	11/14/18	15376	15228	95	Point Pleasant
18	11/14/18	15180	15034	95	Point Pleasant
19	11/16/18	14984	14860	95	Point Pleasant
20	11/17/18	14816	14678	95	Point Pleasant
21	11/17/18	14638	14472	95	Point Pleasant
22	11/17/18	14430	14270	95	Point Pleasant
23	11/18/18	14232	14076	95	Point Pleasant
24	11/18/18	14046	13892	95	Point Pleasant
25	11/18/18	13854	13730	95	Point Pleasant
26	11/18/18	13682	13552	95	Point Pleasant
27	11/19/18	13506	13320	95	Point Pleasant
28	11/19/18	13280	13120	95	Point Pleasant
29	11/19/18	13084	12930	95	Point Pleasant
30	11/20/18	12888	12734	95	Point Pleasant
31	11/20/18	12690	12544	95	Point Pleasant
32	11/20/18	12492	12366	95	Point Pleasant

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.

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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)
17	11/14/18	76.9	10447	10715	8395	470740	9958	n/a
18	11/14/18	75.6	10496	10992	7897	464380	9871	n/a
19	11/16/18	77.7	10395	11582	7560	471460	9856	n/a
20	11/17/18	76.5	10847	11609	7838	468860	9689	n/a
21	11/17/18	77.1	10301	11429	7771	476760	12506	n/a
22	11/17/18	77.9	10398	11534	7848	470600	10218	n/a
23	11/18/18	77.4	10304	10098	7974	470260	10358	n/a
24	11/18/18	72.6	11246	12254	7743	464300	10250	n/a
25	11/18/18	77.9	10164	11342	7622	471060	9883	n/a
26	11/18/18	77.8	10257	11601	7745	474120	10079	n/a
27	11/19/18	77.1	10132	9811	7573	465100	9441	n/a
28	11/19/18	77.1	10488	10649	7751	474960	9715	n/a
29	11/19/18	77.8	10171	11049	8029	466440	9334	n/a
30	11/20/18	77.5	10137	9934	7632	470420	9755	n/a
31	11/20/18	76.3	10142	9764	7749	465520	9817	n/a
32	11/20/18	76.2	10003	10579	7815	473180	9601	n/a

Please insert additional pages as applicable.





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: 47-095-02447 County: Tyler  
District: Ellsworth Well No: Curly 2U  
Farm Name: Jay-Bee Oil & Gas, Inc.  
Discharge Date/s From:(MMDDYY) \_\_\_\_\_ To: (MMDDYY) \_\_\_\_\_  
Discharge Times. From: n/a To: n/a  
Total Volume to be Disposed from this facility (gallons): NO DISCHARGE

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)

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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? n/a 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/a 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/a If yes, then enter a one (1) on line 7.
5. Do you have a pretreatment value for DO? (See above) (Y/N) n/a 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/a If yes, enter a two (2) on line 7. If not, enter a three (3) on line 7.
7. n/a is the category of your pit. Use the Appropriate section.
8. Comments on Pit condition: n/a

Name of Principal Exec. Officer: Randy Broda

Title of Officer: President

Date Completed: 5/19/2020

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.

**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 - 02447 \_\_\_\_\_;

Acreage \_\_\_\_\_;

Watershed Middle Island Creek \_\_\_\_\_;

District Ellsworth \_\_\_\_\_;

County Tyler \_\_\_\_\_;

Public Road Access Klondike Road \_\_\_\_\_;

Generally used farm name Jay-Bee Oil & Gas, Inc. \_\_\_\_\_.

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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.

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 3570 Shields Hill Road \_\_\_\_\_

Cairo, WV 26337 \_\_\_\_\_

Telephone 304-628-3111 \_\_\_\_\_



## Curly 2U - Lithology

kb Elevation	1144	
<u>FORMATION</u>	<u>TOP</u>	<u>BOTTOM</u>
Hamilton	0	5614
Upper Marcellus	5614	6447
Parcell Lime	6447	6471
Shale	6471	6480
Lower Marcellus	6480	6505
Onondaga	6505	6555
Oriskany	6555	6782
Bass Islands	6782	7255
Salina	7255	7319
salt	7319	7527
Wills Creek	7527	8113
Lockport	8113	8345
McKenzie	8345	8524
Rose Hill	8524	8638
Packer shell	8638	9107
Clinton-Medina	9107	9157
Queenston	9157	9307
Reedsville	9307	10121
Utica	10121	11183
Trenton	11183	11465

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# Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	11/10/2018
Job End Date:	11/21/2018
State:	West Virginia
County:	Tyler
API Number:	47-095-02446-00-00
Operator Name:	Jay-Bee Oil & Gas, Inc.
Well Name and Number:	Curly 2U
Latitude:	39.46382800
Longitude:	-80.89718600
Datum:	NAD27
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	8,000
Total Base Water Volume (gal):	15,095,556
Total Base Non Water Volume:	90,756

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## 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	Supplied by Operator	Base Fluid	Water	7732-18-5	100.00000	87.89214	
Other Chemical (s)	Listed Above	See Trade Name (s) List	Water	7732-18-5	55.00000	0.01363	

			Water	7732-18-5	55.00000	0.01388	
			Water	7732-18-5	50.00000	0.04989	
			Water	7732-18-5	85.00000	0.32132	
HVG-1 4.0	FTSI	Water gelling agent		Listed Below			
SPB-1	FTSI	Breaker		Listed Below			
CI-150	FTSI	Acid Corrosion Inhibitor		Listed Below			
30/50 Carbolite	FTSI	Proppant		Listed Below			
40/70 White	FTSI	Proppant		Listed Below			
FRW-1450	FTSI	Friction Reducer		Listed Below			
10.1%-15.0% HCL	FTSI	Acid		Listed Below			

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ICI-3240	FTSI	Biocide		Listed Below				
CS-1000 SI	FTSI	Scale Inhibitor		Listed Below				
100 Mesh Sand	FTSI	Proppant		Listed Below				
30/50 White	FTSI	Proppant		Listed Below				

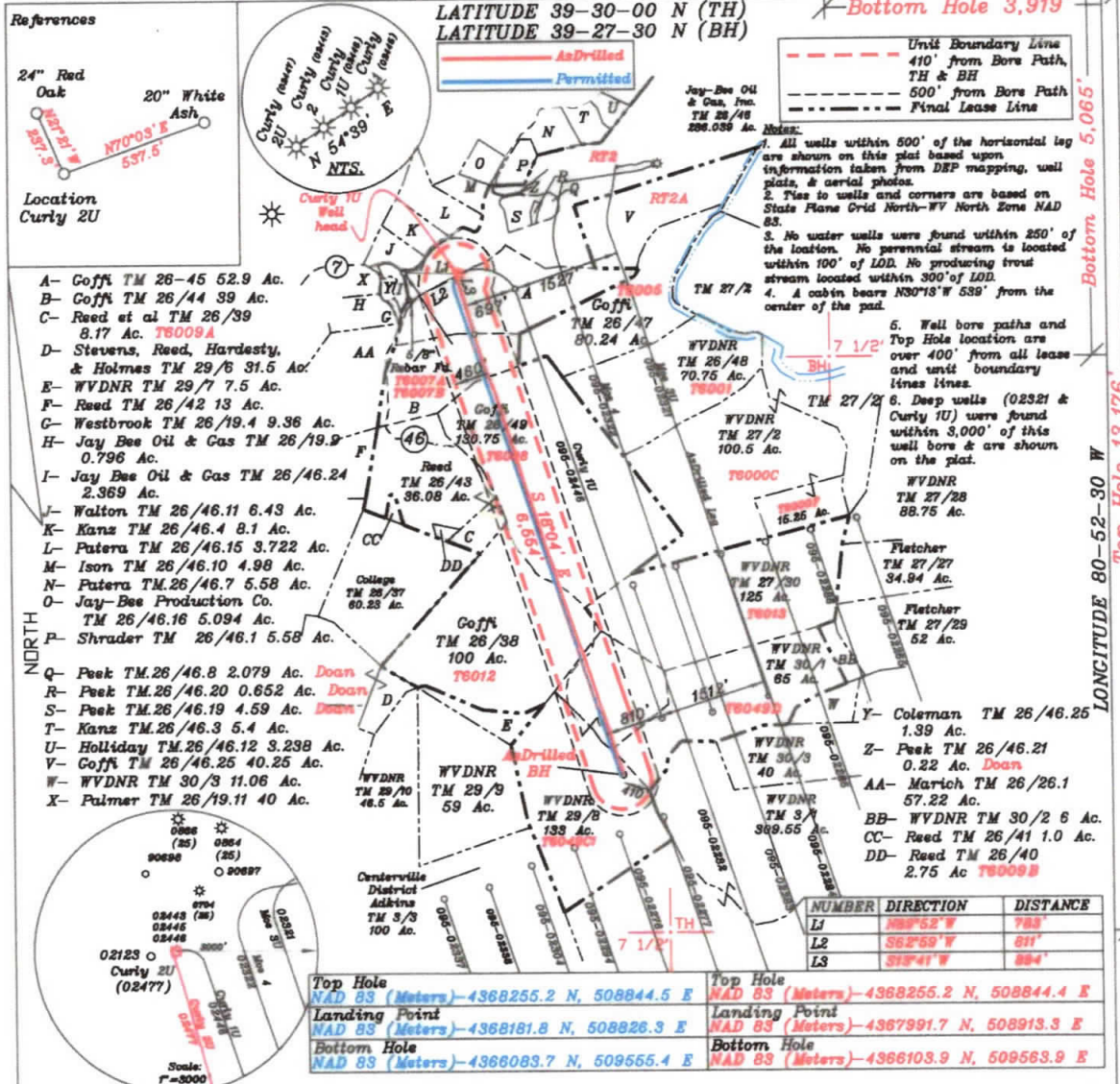
Items above are Trade Names with the exception of Base Water. Items below are the individual ingredients.

			Silica, Quartz	14808-60-7	100.00000	4.70277	
			Silica, Quartz	14808-60-7	100.00000	4.68828	
			Silica, Quartz	14808-60-7	100.00000	1.89504	
			Mullite	1302-93-8	85.00000	0.20749	
			Silicon Dioxide	7631-86-9	35.00000	0.08544	
			Hydrogen Chloride	7647-01-0	15.00000	0.05670	
			Silica Crystalline-Cristobalite	14464-46-1	20.00000	0.04882	
			Cationic Polyacrylamide	9003-05-8	30.00000	0.02993	
			Distillates (petroleum), hydrotreated light	64742-47-8	30.00000	0.02993	
			Raffinates, Sorption Process	64741-85-1	55.00000	0.02237	
			Petroleum Distillate	64742-47-8	55.00000	0.02237	
			Guar gum	9000-30-0	55.00000	0.02237	
			Phosphonic Acid, {Nitrilotris (methylene)} Tris	6419-19-8	35.00000	0.00867	

				Sodium Perborate Tetrahydrate	10486-00-7	98.00000	0.00838	
				Dazomet (Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione.	533-74-4	24.00000	0.00606	
				Sodium Hydroxide	1310-73-2	23.00000	0.00580	
				Alcohols, C11-14-iso-, C13-rich, ethoxylated	78330-21-9	5.00000	0.00499	
				Suspending Agent	1302-78-9	5.00000	0.00203	
				Quartz	14808-60-7	4.00000	0.00163	
				Phosphonic Acid, ((Dimethylamino) Methylene) Bis -	29712-30-9	5.00000	0.00124	
				Isotridecanol, ethoxylated	9043-30-5	2.00000	0.00081	
				Methanol	67-56-1	90.00000	0.00058	
				Phosphorous Acid	10294-56-1	2.00000	0.00050	
				Orthophosphoric acid	7664-38-2	0.75000	0.00019	
				Sodium Metaborate	7775-19-1	1.40000	0.00012	
				Thiourea-formaldehyde Copolymer	68527-49-1	10.00000	0.00006	
				Fatty Acids, Tall Oil	61790-12-3	10.00000	0.00006	
				Alcohol Ethoxylate Surfactants	Proprietary	10.00000	0.00006	
				Propargyl Alcohol	107-19-7	5.00000	0.00003	
				N-olefins	Proprietary	3.00000	0.00002	
				Hydrochloric acid	7647-01-0	0.00500	0.00000	

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\* Total Water Volume sources may include various types of water including fresh water, produced water, and recycled water  
 \*\* Information is based on the maximum potential for concentration and thus the total may be over 100%  
 \*\*\* If you are calculating a percentage of total ingredients do not add the water volume below the green line to the water volume above the green line  
 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)



(+) 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 Jackson  
 R.P.E. \_\_\_\_\_ P.S. 708



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

DATE October 01, 2019  
 OPERATOR'S WELL NO. Curly 2U  
 API WELL NO. \_\_\_\_\_

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

LOCATION: ELEVATION 1,124.5' WATER SHED Middle Island Creek  
 DISTRICT Ellsworth COUNTY Tyler  
 QUADRANGLE Middlebourne 7 1/2'

SURFACE OWNER Jay-Bee Oil & Gas Inc. ACREAGE 286.039 Ac.  
 OIL & GAS ROYALTY OWNER Ridgetop Capital LP, & Ridgetop Capital II, LP PLEASE ACREAGE 286.039 Ac.  
 LEASE NO. RT2

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

PLUG AND ABANDON     CLEAN OUT AND REPLUG      
 TARGET FORMATION Point Pleasant ESTIMATED DEPTH TVD = 11,391' TMD = 18,547'  
 WELL OPERATOR Jay-Bee Oil & Gas, Inc. DESIGNATED AGENT Randy Broda  
 ADDRESS 60 Walnut Avenue, Suite 190, Clark, NJ 07066 ADDRESS 3570 Shields Hill Rd., Cairo, WV 26337

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Top Hole 6,261'

Bottom Hole 3,919'

References



LATITUDE 39-30-00 N (TH)  
LATITUDE 39-27-30 N (BH)

As Drilled  
Permitted

Unit Boundary Line  
410' from Bore Path, TH & BH  
500' from Bore Path  
Final Lease Line

Jay-Bee Oil & Gas, Inc.  
TM 26/46  
286.039 Ac.

Notes:

- All wells within 500' of the horizontal leg are shown on this plat based upon information taken from DEP mapping, well plats, & aerial photos.
- Ties to wells and corners are based on State Plane Grid North-WV North Zone NAD 83.
- No water wells were found within 250' of the location. No perennial stream is located within 100' of LOD. No producing trout stream located within 300' of LOD.
- A cabin bears N30°13'W 539' from the center of the pad.

- Well bore paths and Top Hole location are over 400' from all lease and unit boundary lines.
- Deep wells (02321 & Curly 1U) were found within 3,000' of this well bore & are shown on the plat.

- A- Coffi TM 26-45 52.9 Ac.
- B- Coffi TM 26/44 39 Ac.
- C- Reed et al TM 26/39 8.17 Ac. T6009A
- D- Stevens, Reed, Hardesty, & Holmes TM 29/6 31.5 Ac.
- E- WVDNR TM 29/7 7.5 Ac.
- F- Reed TM 26/42 13 Ac.
- G- Westbrook TM 26/19.4 9.36 Ac.
- H- Jay Bee Oil & Gas TM 26/19.9 0.796 Ac.
- I- Jay Bee Oil & Gas TM 26/46.24 2.369 Ac.
- J- Walton TM 26/46.11 6.43 Ac.
- K- Kanz TM 26/46.4 8.1 Ac.
- L- Patera TM 26/46.15 3.722 Ac.
- M- Ison TM 26/46.10 4.98 Ac.
- N- Patera TM 26/46.7 5.58 Ac.
- O- Jay-Bee Production Co. TM 26/46.16 5.094 Ac.
- P- Shrader TM 26/46.1 5.58 Ac.
- Q- Peek TM 26/46.8 2.079 Ac. Doan
- R- Peek TM 26/46.20 0.652 Ac. Doan
- S- Peek TM 26/46.19 4.59 Ac. Doan
- T- Kanz TM 26/46.3 5.4 Ac.
- U- Holliday TM 26/46.12 3.238 Ac.
- V- Coffi TM 26/46.25 40.25 Ac.
- W- WVDNR TM 30/3 11.06 Ac.
- X- Palmer TM 26/19.11 40 Ac.

NORTH

Top Hole NAD 83 (Meters)-4368255.2 N, 508844.5 E	Top Hole NAD 83 (Meters)-4368255.2 N, 508844.4 E
Landing Point NAD 83 (Meters)-4368181.8 N, 508826.3 E	Landing Point NAD 83 (Meters)-4367991.7 N, 508913.3 E
Bottom Hole NAD 83 (Meters)-4366083.7 N, 509555.4 E	Bottom Hole NAD 83 (Meters)-4366103.9 N, 509563.9 E

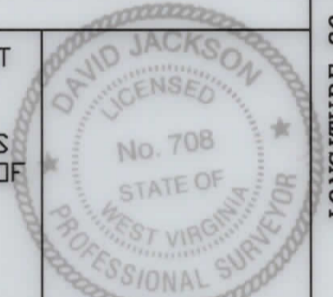
NUMBER	DIRECTION	DISTANCE
L1	N89°52'W	783'
L2	S62°59'W	811'
L3	S13°41'W	894'

(+) 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

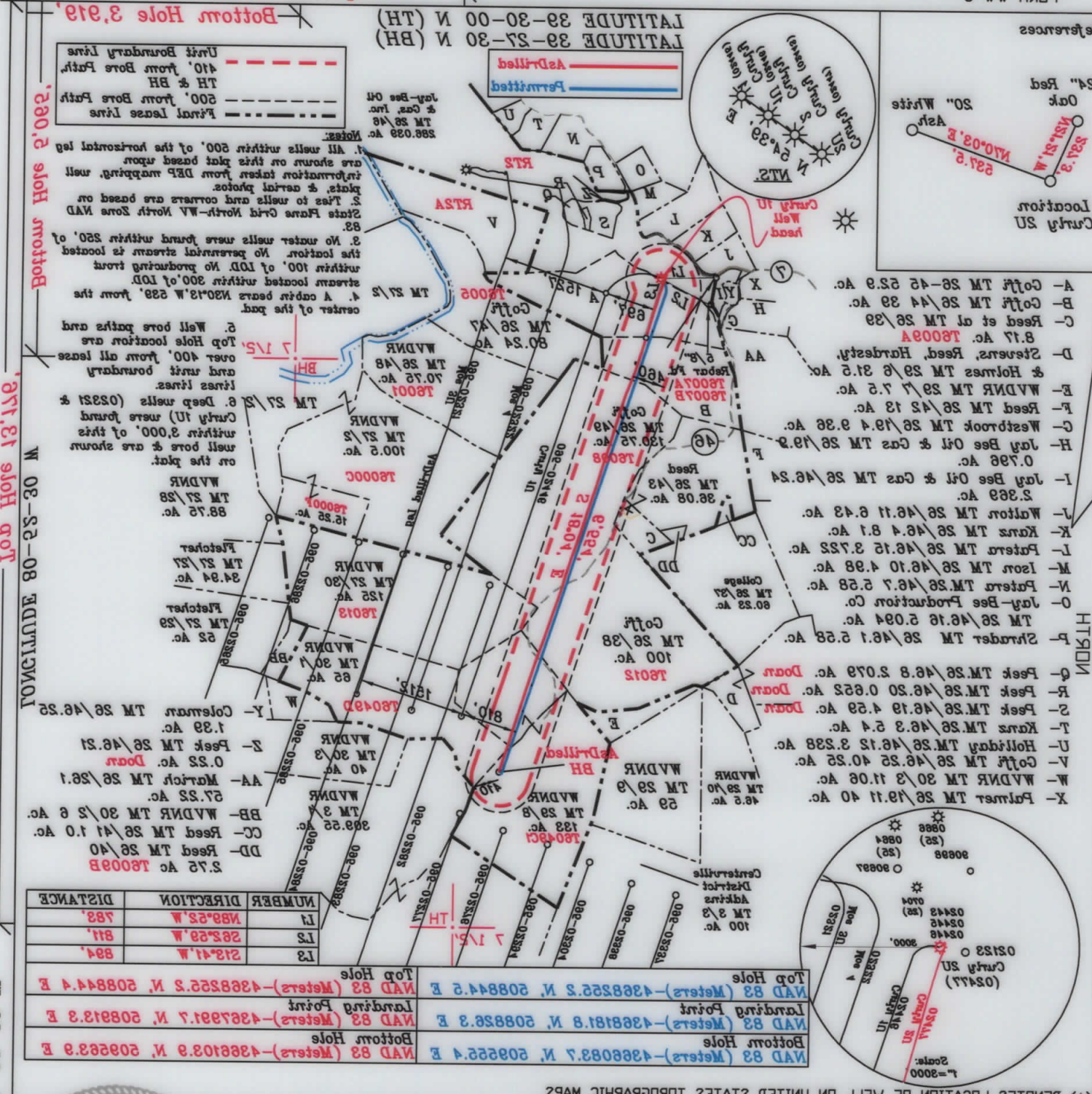
DATE October 01, 2019  
OPERATOR'S WELL NO. Curly 2U  
API WELL NO. \_\_\_\_\_

WELL TYPE: OIL GAS LIQUID INJECTION X WASTE DISPOSAL \_\_\_\_\_  
(IF "GAS") PRODUCTION X STORAGE \_\_\_\_\_ DEEP X SHALLOW \_\_\_\_\_  
LOCATION: ELEVATION 1,124.5' WATER SHED Middle Island Creek  
DISTRICT Ellsworth COUNTY Tyler  
QUADRANGLE Middlebourne 7 1/2'  
SURFACE OWNER Jay-Bee Oil & Gas Inc. ACREAGE 286.039 Ac.  
OIL & GAS ROYALTY OWNER Ridgetop Capital LP, & Ridgetop Capital II, LP PLEASE ACREAGE 286.039 Ac.  
LEASE NO. RT2

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

PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
TARGET FORMATION Point Pleasant ESTIMATED DEPTH TVD = 11,391' TMD = 18,547'  
WELL OPERATOR Jay-Bee Oil & Gas, Inc. DESIGNATED AGENT Randy Broda  
ADDRESS 60 Walnut Avenue, Suite 190, Clark, NJ 07066 ADDRESS 3570 Shields Hill Rd., Cairo, WV 26337

LONGITUDE 80-52-30 W  
LONGITUDE 80-52-30 W  
LONGITUDE 80-52-30 W



ADDRESS 280 Walnut Avenue, Suite 190, Clark, W 07066 ADDRESS 3570 Shields Hill Rd., Cairo, WV 26337  
 WELL OPERATOR Jay-Bee Oil & Gas, Inc. DESIGNATED AGENT Randy Broda  
 TARGET FORMATION Point Pleasant ESTIMATED DEPTH **TVD = 11,391', TMD = 18,547'**  
 PLUG AND ABANDON CLEAN OUT AND REPLUG  
 FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) **As Drilled**  
 STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW  
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR  
 LEASE NO. **RTS**  
 SURFACE OWNER Jay-Bee Oil & Gas, Inc. ACRES 286.039 AC.  
 QUADRANGLE Middlebourne 7 1/2'  
 DISTRICT Ellsworth  
 LOCATION: ELEVATION **1,124.5'**, WATER SHED Middle Island Creek  
 (IF GAS) PRODUCTION X STORAGE DEEP X SHALLOW  
 WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL  
 STATE COUNTY PERMIT 47 - 095 - 03447  
 OPERATOR'S WELL NO. Curly SU  
 DATE October 01, 2019

STATE OF WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL AND GAS

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 SCALE 1" = 2000'  
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 (SIGNED) *Randy Broda*  
 R.P.E. 708

DAVID JACKSON  
 LICENSED PROFESSIONAL SURVEYOR  
 STATE OF WEST VIRGINIA  
 No. 708

NUMBER	DIRECTION	DISTANCE
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