

WR-35
Rev. 8/23/13

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

RECEIVED
Office of Oil and Gas

MAY 16 2024

WV Department of
Environmental Protection

API 47-085-10284 County Ritchie District Clay
Quad Ellenboro 7.5" Pad Name Pluto Field/Pool Name _____
Farm name Jay Bee Yard LLC Well Number Pluto 1A
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 4345808.6 Easting 482839.9
Landing Point of Curve Northing n/a Easting n/a
Bottom Hole Northing n/a Easting n/a

Elevation (ft) 1,004' 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)
Soap, Shale Inhibitor, Clay Stabilizer, Water (misted)

Date permit issued 5/31/19 Date drilling commenced 6/17/20 Date drilling ceased 7/18/20
Date completion activities began 8/6/20 Date completion activities ceased 4/8/21
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 90' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1,230' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 800'-810' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:

06/07/2024

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API 47-085 - 10284 Farm name Jay Bee Yard LLC Well number Pluto 1A

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	20"	18.625"	30'	New	n/a	n/a	Grouted
Surface	17.5"	13.375"	310'	New	48# H-40	42'-268'	Yes
Coal							
Intermediate 1	11"	8.625"	2,064'	New	24# J-55	43'-2,022'	Yes
Intermediate 2							
Intermediate 3							
Production	7.875"	5.5"	7,718'	New	20# P-110	124,2154,6045,7040	Yes
Tubing		2 7/8"	6,800'	New	6.5# L-80		Packer
Packer type and depth set		Mechanical Hornet Packer set @ 6,800'					

Comment Details Surface CTS with 20% OH excess / Intermediate CTS with 30% OH excess / Production CTS with 5% 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	257	15.6	1.2051	310	CTS	8 hours
Coal							
Intermediate 1	Class A	621	15.6	1.1924	621	CTS	8 hours
Intermediate 2							
Intermediate 3							
Production	Class A	1327	14.5	1.1740	1558	770'	8 hours
Tubing							

Drillers TD (ft) 7,877 Loggers TD (ft) 7,770
 Deepest formation penetrated Newburg Plug back to (ft) n/a
 Plug back procedure n/a

Kick off depth (ft) n/a

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
 Surface- Centralizing Baskets 42,185,288
 Intermediate- Centralizers at 518,1032,1484 Centralizing Baskets at 49,2022
 Production- Bow Spring Centralizer Every 600' TD to Surface, Centralizing Baskets at 124,2154,6045,7040

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 _____

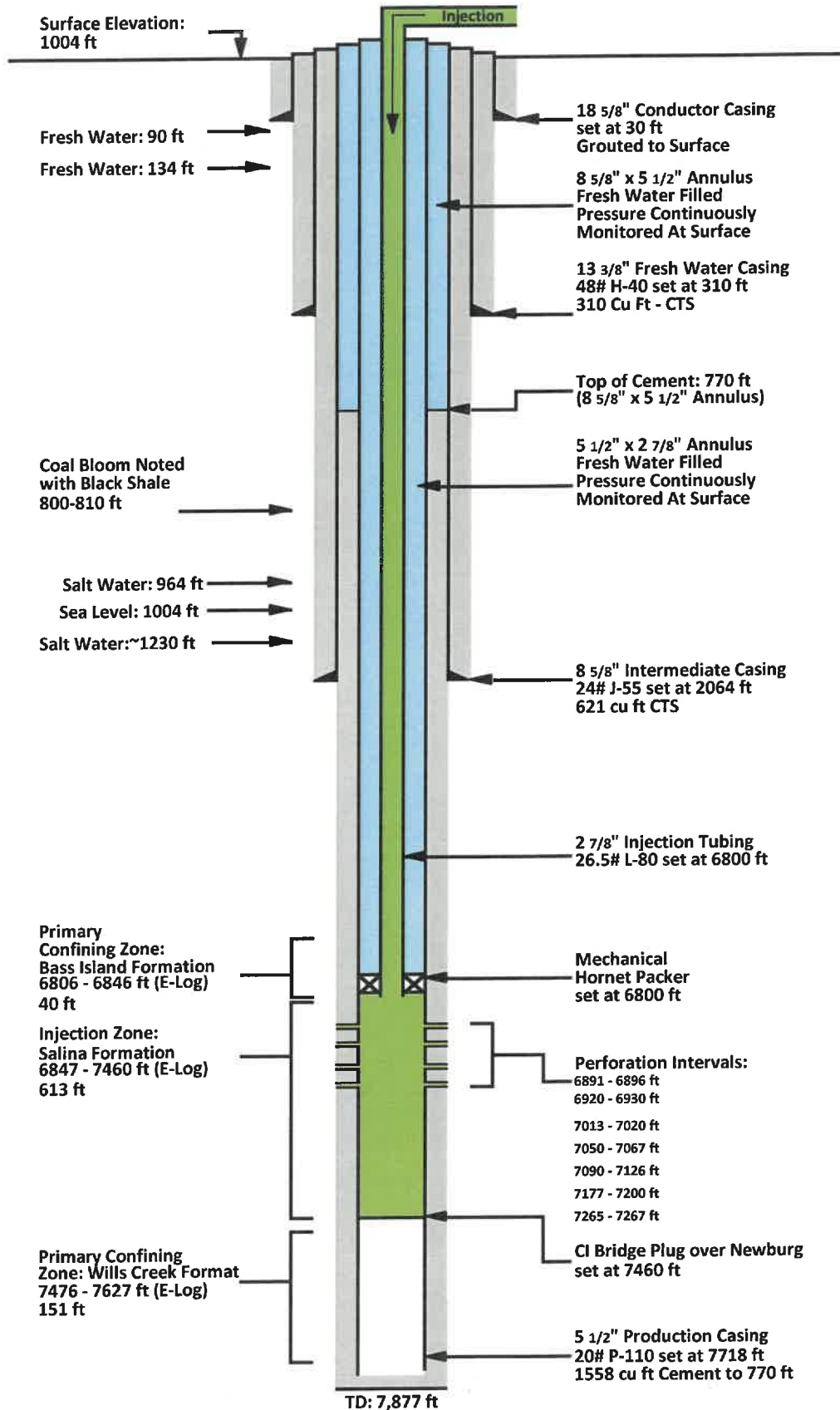
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MAY 16 2024
WV Department of Environmental Protection

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Well Bore Diagram

Pluto #1A
API 47-085-10284

Jay Bee Oil & Gas, Inc.
UIC 2D08510284001
(Well Drilled: July 18, 2020)



06/07/2024

	47-085-10284		
	PLUTO 1A		
	1004	ELEVATION	
	TOP	BOTTOM	
Red Rock	345	410	
Black slate	410	435	
Red Rock	582	595	
1st Cow Run	627	640	
2nd Cow Run	1065	1097	
Gas Sand	1197	1218	
1st Salt	1427	1498	
2nd Salt	1542	1633	
3rd Salt	1760	1607	
Maxton	1813	1829	
Big Lime	1844	1925	
Big Injun	1940	2052	
Berea Horizon	2407	2408	
Gordon	2654	2661	
Gordon Stray	2820	2836	
Warren	3500	3552	
Hamilton	5376	5688	
UPPER MARCELLUS	5923	5940	
PARCELL	5940	5948	
LOWER MARCELLUS	6035	6096	
ONONDAGA	6096	6267	
ORISKANY-SAND	6267	6310	
HELDERBERGER-LIME	6310		
BASS ISLAND	6799		
SALINA	6847		
WILLS CREEK	7476		
NEWBURG	7628	7877	TD

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MAY 16 2024

WV Department of
Environmental Protection

06/07/2024

WW-72
(Rev. 12/99)

OIL AND GAS RECLAMATION NOTICE

RECEIVED
Office of Oil and Gas

MAY 16 2024

WV Department of
Environmental Protection

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- 085 10284 ;
Acreage 22.257 ;
Watershed Hushers Run ;
District Clay ;
County Ritchie ;
Public Road Access Simonton Rd. ;
Generally used farm name Jay-Bee Yard .

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 429 Simonton Rd.
Ellenboro, WV 26346

Telephone 304-628-3111

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Office of Oil and Gas

MAY 16 2024

WV Department of
Environmental Protection

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: 47-085-10284 County: Ritchie
District: Clay Well No: Pluto 1A
Farm Name: Jay-Bee Yard
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: _____

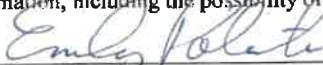
N/A

Name of Principal Exec. Officer: Emily Potesta

Title of Officer: Regulatory Agent

Date Completed: 05/08/2024

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.

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Category 1
Sampling Results
API No : 47-085-10284

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 : 47-085-10284

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

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Category 3
Sampling Results
API No : 47-085-10284

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WV Department of
Environmental Protection

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: 47-085-10284

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/Bl
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: _____

06/07/2024

References



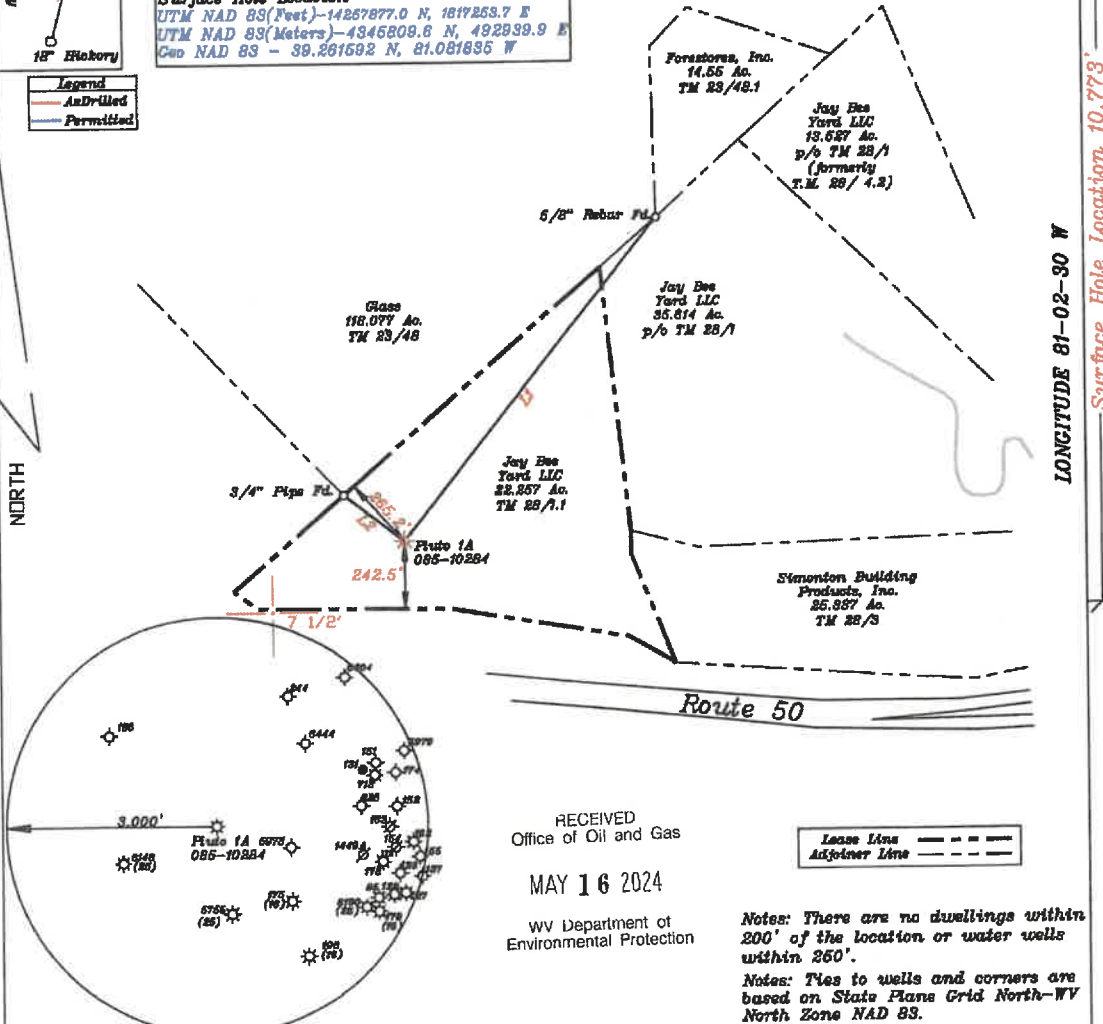
L1	S38°23' W	1459.8'
L2	S62°31' E	270.5'

LATITUDE 39-17-30 N

Surface Hole Location
 UTM NAD 83(Feet)-14257897.69 N, 1817250.32 E
 UTM NAD 83(Meters)-4345812.86 N, 492938.88 E
 Geo NAD 83 - 39.261622 N, 81.081647 W

Surface Hole Location
 UTM NAD 83(Feet)-14257877.0 N, 1817253.7 E
 UTM NAD 83(Meters)-4345809.8 N, 492939.9 E
 Geo NAD 83 - 39.261592 N, 81.081636 W

Legend
 - - - - - AdjDrilled
 - - - - - Permitted



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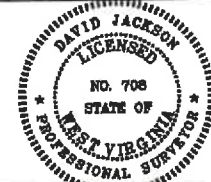
Notes: There are no dwellings within 200' of the location or water wells within 250'.
 Notes: Ties to wells and corners are based on State Plane Grid North-WV North Zone NAD 83.

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

FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 500'
 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. _____ L.I.S. 708



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

DATE June 28, 2021
 OPERATOR'S WELL NO. Pluto 1A
 API WELL NO. _____
 STATE 47 COUNTY 085 PERMIT 10284

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

LOCATION: ELEVATION 1,006.8' WATER SHED Hushers Run
 DISTRICT Clay COUNTY Ritchie
 QUADRANGLE Ellenboro 7 1/2'

SURFACE OWNER Jay Bee Yard LLC ACREAGE 22,257 Ac.
 OIL & GAS ROYALTY OWNER Jay Bee Yard LLC LEASE ACREAGE 22,257 Ac.
 LEASE NO. 1-44A

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 Newburg ESTIMATED DEPTH TD = 7,877'
 WELL OPERATOR Jay Bee Oil & Gas, Inc. DESIGNATED AGENT Randy Broda
 ADDRESS 1720 Rt. 22, East Union, NJ 07083 ADDRESS Route 1, Box 5, Cairo, WV 26037