

4708510284

WR-35
Rev. 8/23/13

Page 1 of 4

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

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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 4345809.6 Easting 492939.9
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

03/27/2026

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: _____

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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 at 42,168,268

Intermediate- Centralizers at 516,1032,1494 Centralizing Baskets at 43,2022

Production- Bow Spring Centralizer Every 500' TD to Surface, Centralizing Baskets at 124,2154,6045,7040

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WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

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WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

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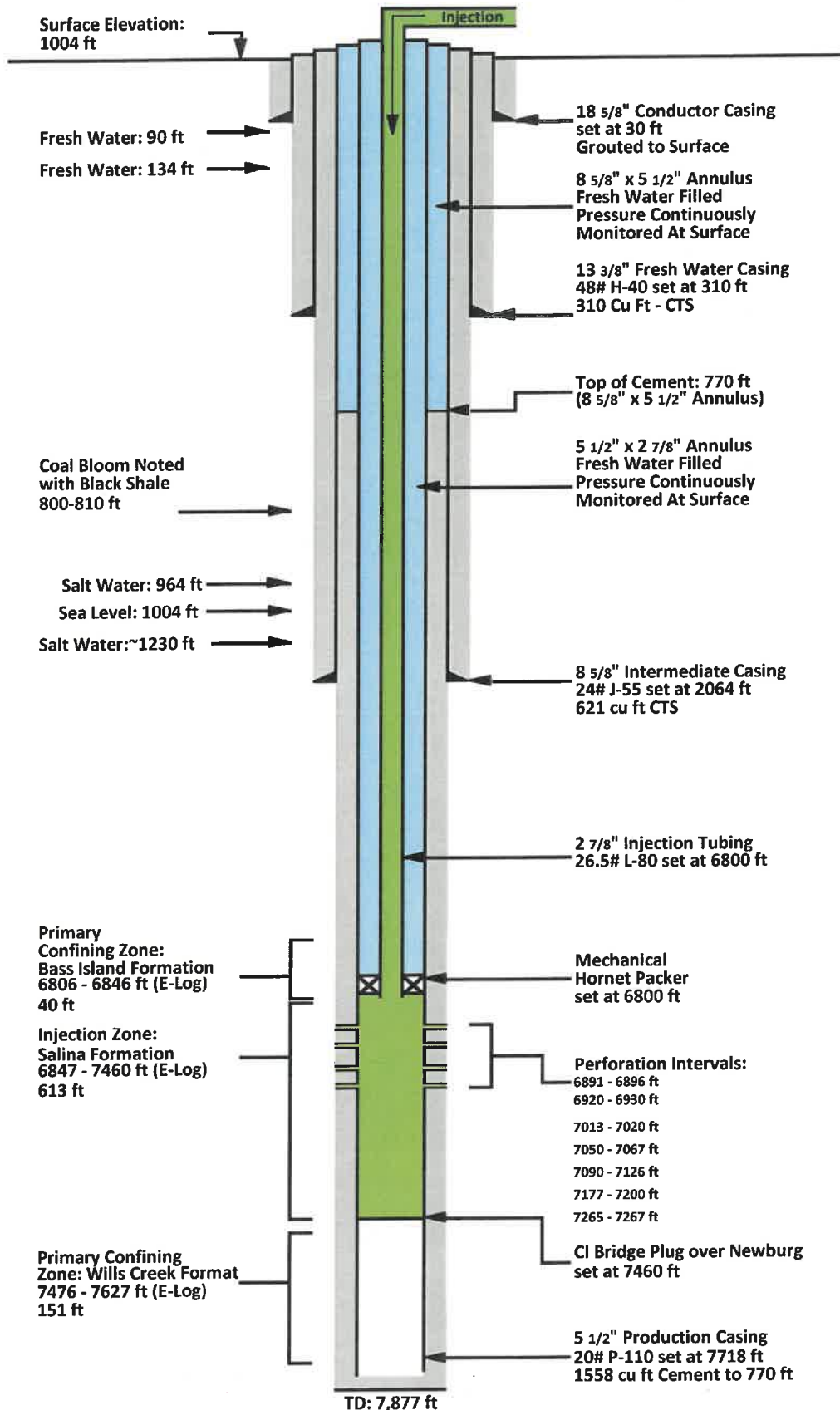
WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

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Environmental Protection

Well Bore Diagram

Pluto #1A
API 47-085-10284

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



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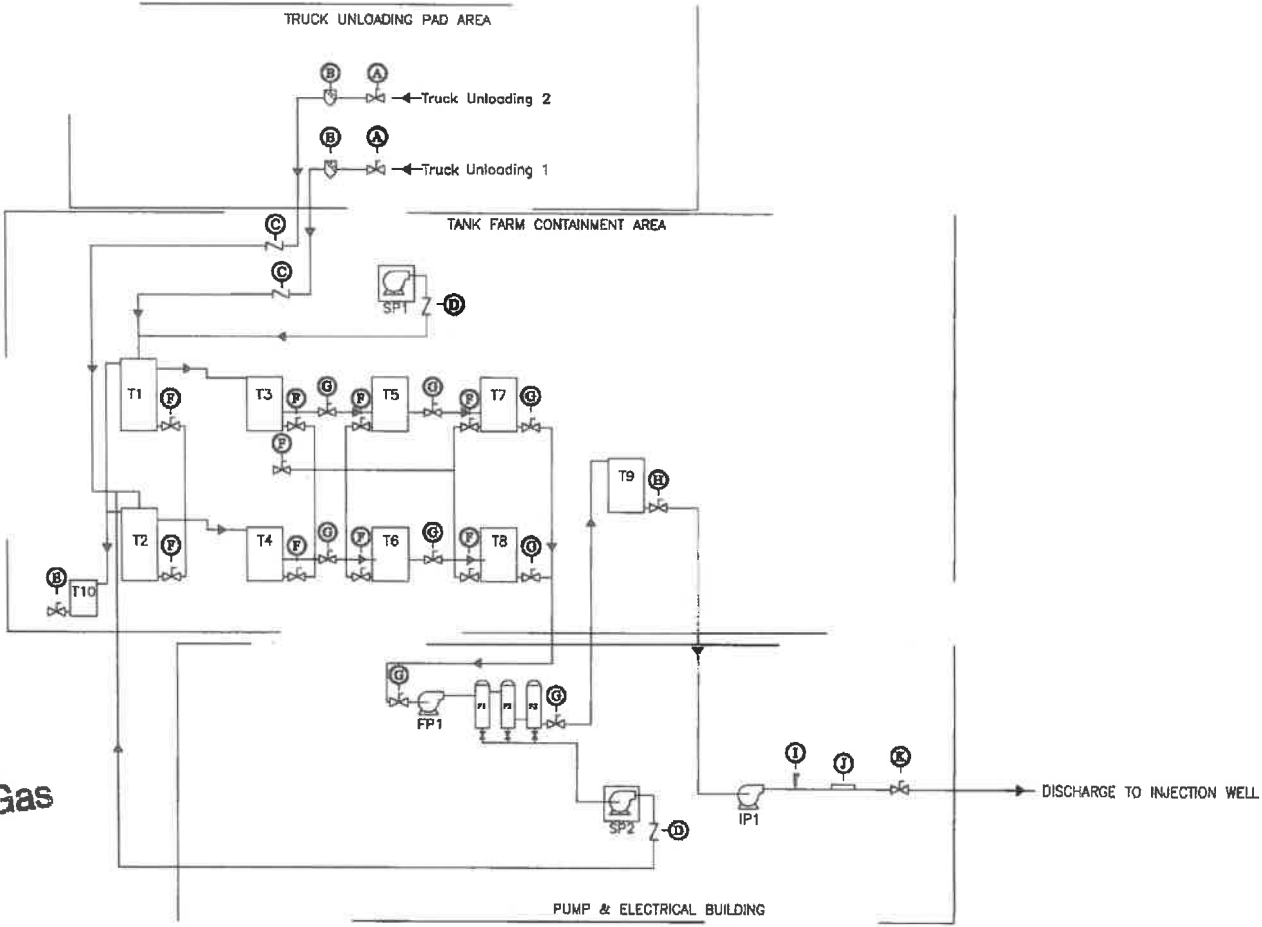
APPENDIX B Storage Tank Inventory

API #	Tank ID	Tank Location (UTM NAD 83 Meters)		Installation Date	Tank Age (Months)	Construction Material (Steel, plastic, etc.)	Capacity (gallons)	Type of Fluid Stored	Volume of Fluid Stored (gallons)	Tank Type Single/Double Wall
		Northing	Easting							
043-00004018	Tank12	39.262641	81.074876	06/2020		Steel	16800	Brine		Single
043-00004019	Tank5	39.262641	81.074876	06/2020		Steel	16800	Brine		Single
043-00004020	Tank8	39.262641	81.074876	06/2020		Steel	16800	Brine		Single
043-00004021	Tank10	39.262641	81.074876	06/2020		Steel	16800	Brine		Single
043-00004022	Tank11	39.262641	81.074876	06/2020		Steel	16800	Brine		Single
043-00004023	Tank13	39.262641	81.074876	06/2020		Steel	16800	Brine		Single
043-00004024	Tnk14	39.262641	81.074876	06/2020		Steel	11760	Brine		Single
043-00004025	Tank15	39.262785	81.074623	06/2020		Steel	8820	Petroleum Oil		Single
043-00004026	Tank6	39.262641	81.074876	06/2020		Steel	16800	Brine		Single
043-00004027	Tank9	39.262641	81.074876	06/2020		Steel	11760	Brine		Single
043-00004028	Tank3	39.262352	81.074623	06/2020		Steel	8820	Brine		Single
043-00004029	Tank4	39.262352	81.074623	06/2020		Steel	8820	Brine		Single
043-00004030	Tank1	39.262352	81.074623	06/2020		Steel	8820	Brine		Single
043-00004031	Tank2	39.262352	81.074623	06/2020		Steel	8820	Brine		Single
043-00004032	Tank7	39.262641	81.074876	06/2020		Steel	16800	Brine		Single

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REFERENCE DRAWINGS		REFERENCE DRAWINGS		DRAWING STATUS		REVISIONS	
CHK. NO.	DESCRIPTION	CHK. NO.	DESCRIPTION	NO.	DATE	NO.	DESCRIPTION

Jay Bee Oil & Gas

PROPOSED PROCESS FLOW DIAGRAM

D-410001-A

4708510284

BILL OF MATERIALS - FITTINGS		
ITEM #	QTY	DESCRIPTION
A	2	3" BALL VALVE, THRD, FULL PORT
B	2	STRAINER BASKET, 3", CI HSG, SST SCREEN, 9/16 PERF
C	2	3" CHECK VALVE, FLAP TYPE, THRD
D	2	2" CHECK VALVE, FLAP TYPE, THRD
E	1	2" BALL VALVE, THRD, FULL PORT * SEE NOTE
F	8	3" BUTTERFLY VALVE, LUG TYPE, 150#
G	8	4" BUTTERFLY VALVE, LUG TYPE, 150#
H	1	6" BUTTERFLY VALVE, LUG TYPE, MANUAL, 150#
I	1	RELIEF VALVE, BAIRD, MECHANICAL, SET AT 20% DWR PRESSURE
J	1	FLOW METER, TURBINE TYPE, 2", W/DIGITAL MONITOR
K	1	2" GATE VALVE, FLGD, 1500#, CI/SST

* NOTE: 2" BALL VALVES WILL BE USED FOR DRAINS ON EACH TANK.

BILL OF MATERIALS - TANKS		
ITEM #	QTY	DESCRIPTION
11	1	280 BBL GUN BARREL, 10' X 20', STEEL, LINED
12	1	280 BBL GUN BARREL, 10' X 20', STEEL, LINED
13	1	210 BBL RAW (DIRTY) WATER TANK, 12' X 15', STEEL, LINED
14	1	210 BBL RAW (DIRTY) WATER TANK, 12' X 15', STEEL, LINED
15	1	210 BBL RAW (DIRTY) WATER TANK, 12' X 15', STEEL, LINED
16	1	210 BBL RAW (DIRTY) WATER TANK, 12' X 15', STEEL, LINED
17	1	210 BBL RAW (DIRTY) WATER TANK, 10' X 15', STEEL, LINED
18	1	210 BBL RAW (DIRTY) WATER TANK, 10' X 15', STEEL, LINED
19	1	210 BBL CLEAN WATER TANK, 10' X 15', STEEL, LINED
110	1	100 BBL OIL TANK, 8' X 9' 6", STEEL

BILL OF MATERIALS - FILTERS		
ITEM #	QTY	DESCRIPTION
FP1	1	LAROS MODEL ILS CENTRIFUGAL SEPARATOR
FP2	2	BAG FILTER, SIZE 2, SST, OVER-THE-TOP
FP3	1	NOWATA FILTER VESSEL, CARTRIDGE TYPE, SST TRIM, EPOXY


BILL OF MATERIALS - PUMPS		
ITEM #	QTY	DESCRIPTION
SP1	1	SUMP PUMP, SST, 1HP, ELECTRIC, W/FLOAT
SP2	1	SUMP PUMP, SST, 1HP, ELECTRIC, W/FLOAT
IP1	1	INJECTION PUMP, NOV T001-4M, 1400 BPD @ 2500 PSI
FP	1	FILTRATION PUMP, CENTRIFUGAL, ANSI

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GENERAL NOTES		REFERENCE DRAWINGS		REFERENCE DRAWINGS		DRAWING STATUS			REVISIONS				
NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DATE	BY	DESCRIPTION	NO.	DATE	DESCRIPTION	DATE		BY

FMS

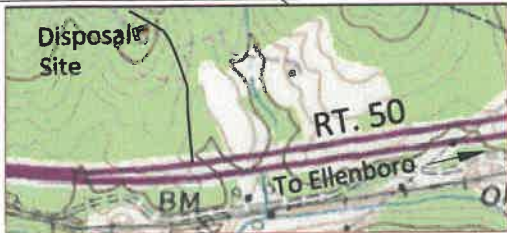
Ph: 812/431-7314

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BILL OF MATERIALS
INJECTION SYSTEM

D-410002-A

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Note: This revision shows the AsBuilt locations & the dimensions of the containment berms & pump house.

APRIL 9, 2020
REVISED MAY 27, 2020
JAY BEE OIL AND GAS INC.
PLUTO 1A DISPOSAL SITE
RITCHIE COUNTY, WEST VIRGINIA

North Central Engineering, LLC
Jordan Cook, PEG
P.O. Box 628
Bridgesport, WV 26330
Cell: 304-629-1583
E-Mail: jcook@NorthCentralEngineering.com

Jackson Surveying Inc.
2413 EAST PIKE ST. # 112
Clarksburg, Wv 26301
304-623-5851



Jay Bee Oil & Gas
DRILLING
03/27/2026