



west virginia department of environmental protection

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

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Thursday, April 14, 2022
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

JAY-BEE OIL & GAS, INC.
16 SOUTH AVE W
STE 118
CRANFORD, NJ 07016

Re: Permit Modification Approval for P7N3U
47-073-02602-00-00

Updated Casing Plan, Surface Casing 443' to 300'.

JAY-BEE OIL & GAS, INC.

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

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



James A. Martin
Chief

Operator's Well Number: P7N3U
Farm Name: JOHN P. RIGGS & BRENDA J. RIGGS
U.S. WELL NUMBER: 47-073-02602-00-00
Horizontal 6A New Drill
Date Modification Issued: 04/14/2022

Promoting a healthy environment.

04/15/2022

18)

CASING AND TUBING PROGRAM

<u>TYPE</u>	<u>Size (in)</u>	<u>New or Used</u>	<u>Grade</u>	<u>Weight per ft. (lb/ft)</u>	<u>FOOTAGE: For Drilling (ft)</u>	<u>INTERVALS: Left in Well (ft)</u>	<u>CEMENT: Fill-up (Cu. Ft.)/CTS</u>
Conductor	26	New	H40	202 lb/ft	30'	30'	37 Cu ft/CTS
Surface	18 5/8	New	K55	87.5 lb/ft	300'	300'	564 Cu ft/CTS
Intermediate 1	13 3/8	New	J55	61 lb/ft	1,800'	1,800'	1,272 Cu ft/CTS
Intermediate 2	9 5/8	New	HCP110	47 lb/ft	7,100'	7,100'	2,288 Cu ft/CTS
Production	5 1/2	New	P110	23 lb/ft	19,377'	19,377'	4,262 Cu ft/CTS (1,500 ft from surface)
Tubing	n/a						
Liners	n/a						

<u>TYPE</u>	<u>Size (in)</u>	<u>Wellbore Diameter (in)</u>	<u>Wall Thickness (in)</u>	<u>Burst Pressure (psi)</u>	<u>Anticipated Max. Internal Pressure (psi)</u>	<u>Cement Type</u>	<u>Cement Yield (cu. ft./k)</u>
Conductor	26	30	0.375	n/a	50	Class A	1.19CF per sack
Surface	18 5/8	24	0.435	2,250	1,000	Class A	1.20CF per sack
Intermediate 1	13 3/8	17 1/2	0.480	3,090	1,500	Class A	1.19CF per sack
Intermediate 2	9 5/8	12 1/4	0.472	9,440	2,000	Class A	Lead 2.30CF per sack; Tail 1.33CF per sack
Production	5 1/2	8 1/2	0.415	16,800	2,500	Class H	1.18CF per sack
Tubing	n/a						
Liners	n/a						

PACKERS

Kind:	n/a			
Sizes:	n/a			
Depths Set:	n/a			

RECEIVED
 Office of Oil and Gas
 MAR 31 2022
 WV Department of
 Environmental Protection

Handwritten:
 Douglas
 Newlin
 4-6-22

DEEP WELL ADDITIONAL REQUIREMENTS

Below is a list of anticipated freshwater, saltwater, oil and gas, hydrogen sulfide, thief zones, high pressure and volume zones and their expected depths

- Freshwater - 204' (approx.)
 - Big Injun - 1,800' (approx.)
 - Gordon - 2,925' (approx.)
 - Benson - 5,025' (approx.)
 - Marcellus - 6,750' (approx.)
- Possible H2S Zones:
- Onondaga - 6,925' (approx.)
 - Huntersville - 7,350' (approx.)
 - Oriskany - 7,800' (approx.)
 - Helderburg - 7,925' (approx.)
 - Newburg - 9,050' (approx.)
 - Medina - 10,050' (approx.)
 - Point Pleasant - 10,196' (approx.)

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MAR 31 2022

WV Department of
Environmental Protection

Below is our casing program for this well:

TYPE	Size	New or Used	Grade	Weight per ft.	FOOTAGE: For Drilling	INTERVALS: Left in Well	CEMENT: Fill-up (Cu. Ft.)
Conductor	26	New	H40	202 lb./ft.	30'	30'	37 Cu. Ft.
Surface	18 5/8	New	K55	87.5 lb./ft.	443'	443'	564 Cu. Ft.
Intermediate 1	13 3/8	New	J55	61 lb./ft.	1,800'	1,800'	1,272 Cu. Ft.
Intermediate 2	9 5/8	New	HCP 110	47 lb./ft.	7,100'	7,100'	2,288 Cu. Ft.
Production	5 1/2	New	P110	23 lb./ft.	19,699'	19,699'	4,262 Cu.Ft. 1,500 feet from Surface
Tubing	N/A						
Liners	N/A						

TYPE	Size	Wellbore Diameter	Wall Thickness	Burst Pressure	Cement Type	Cement Yield
Conductor	26	30	.375	N/A	Class A	1.19CF per Sack
Surface	18 5/8	24	.435	2,250	Class A	1.20CF per Sack
Intermediate 1	13 3/8	17 1/2	.480	3,090	Class A	1.19CF per Sack
Intermediate 2	9 5/8	12 1/4	.472	9,440	Class A	Lead: 2.30CF per Sack Tail: 1.33CF per Sack
Production	5 1/2	8 1/2	.415	16,800	Class H	1.18CF per Sack
Tubing	N/A					
Liners	N/A					

Deep Well Flaring Operations Standards

(Operations and Process Completed by Jay-Bee Oil & Gas, Inc.)

We do not anticipate using flaring for flow-back of the well. However, in the drilling process flaring may be used in situations required for safely drilling the well.

1. Purpose

- This procedure shall apply to the commissioning of Surface Well Testing equipment



Emily Potesta
Land Manager Assistant

Jay-Bee Oil & Gas, Inc.
304-203-0665

March 25, 2022

Well Inspector
WV OGG
Charleston, WV

CK# 000100
+ 2,500-

Re: Jay-Bee Well P7N3U 47-073-02602

To Inspector,

This letter is in regard to our well P7N3U on Jay-Bee Well Pad P7, located in Pleasants County. Your office had approved our permit application and issued on 9/28/2021. I need to re-file a WW-6B Casing and Tubing due to a correction that needs made. Attached in this email you will find a copy of the original WW-6B filed, as well as the corrected WW-6B.

The mistake is under the columns labeled "FOOTAGE: For Drilling" and "INTERVALS: Left In Well", row "Surface", and the incorrect length was used. It has been corrected from 443' to 300' on the new form.

If you could, please review, sign off, and update the P7N3U permit. I will also be emailing to Scott Rodeheaver and Taylor Brewer.

If you have any questions at all, please don't hesitate to reach out to me. I am available by phone (304) 203-0665 or email epotesta@jaybeeoil.com at any time. Thank you for your time, patience, and assistance with this matter. It is greatly appreciated!

Sincerely,

Emily Potesta
Land Manager Assistant

RECEIVED
Office of Oil and Gas

MAR 31 2022

WV Department of
Environmental Protection

ORIGINAL COPY
Issued Sept. 28, 2021

4707302602

WW-6B
(04/15)

API NO. 47-073 -
OPERATOR WELL NO. P7N3U
Well Pad Name: P7

18)

CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	26	New	H40	202 lb./ft.	30'	30'	CTS 49 Cu. Ft.
Surface	18 5/8	New	K55	87.5 lb./ft.	300 443'	300 443'	CTS 375 Cu. Ft.
Intermediate 1	13 3/8	New	J55	61 lb./ft.	1,800'	1,800'	CTS 1,250 Cu. Ft.
Intermediate 2	9 5/8	New	HCP110	47 lb./ft.	7,100'	7,100'	CTS 2,224 Cu. Ft.
Production	5 1/2	New	P110	23 lb./ft.	19,699'	19,699'	4,146.7 Cu.Ft. 1,800 feet from Surface
Tubing	N/A						
Liners	N/A						

DMH 4/23/21

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Interval Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	26	30	.375	N/A	N/A	Class A	1.18-1.20
Surface	18 5/8	24	.435	2,250	1,000	Class A	1.18-1.20
Intermediate 1	13 3/8	17 1/2	.480	3,090	1,500	Class A	1.18-1.24
Intermediate 2	9 5/8	12 1/4	.472	9,440	2,000	Class A	1.18-3.00
Production	5 1/2	8 1/2	.415	16,800	2,500	Type 1 Cement	1.36-2.08
Tubing	N/A						
Liners	N/A						

PACKERS

Kind:	N/A			
Sizes:	N/A			
Depths Set:	N/A			



Stansberry, Wade A <wade.a.stansberry@wv.gov>

Modification H6A Horizontal Well Work Permit (API: 47-073-02602)

1 message

Stansberry, Wade A <wade.a.stansberry@wv.gov>

Thu, Apr 14, 2022 at 8:33 AM

To: Emily Potesta <epotesta@jaybeeoil.com>, "vgorrell@assessor.state.wv.us" <vgorrell@assessor.state.wv.us>, Douglas Newlon <douglas.c.newlon@wv.gov>

I have attached a copy of the newly issued well permit numbers:

47-073-02602 - P7N3U

This will serve as your copy.

Thank you,

Wade A. Stansberry

Environmental Resource Specialist 3

West Virginia Department of Environmental Protection

Office of Oil & Gas

601 57th St. SE


Charleston, WV 25304

(304) 926-0499 ext. 41115

(304) 926-0452 fax

Wade.A.Stansberry@wv.gov

2 attachments

 **47-073-02602 - mod.pdf**
1104K

 **IR-26 Blank.pdf**
169K

04/15/2022