

Well Name: BIG EDDY UNIT DI BB JABBA	Well Location: T20S / R32E / SEC 22 / SWSW / 32.55275 / -103.760579	County or Parish/State: LEA / NM
Well Number: 101H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC065750A, NMNM33955	Unit or CA Name: BIG EDDY	Unit or CA Number: NMNM68294X
US Well Number: 3002547225	Well Status: Producing Oil Well	Operator: XTO PERMIAN OPERATING LLC

Notice of Intent

Sundry ID: 2704361

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 11/23/2022

Time Sundry Submitted: 02:08

Date proposed operation will begin: 11/23/2022

Procedure Description: XTO Permian Operating LLC respectfully submits a NOI on the single stage cement procedure for the production casing. we have spoken to Chris Walls to report what is happening and was approved with a verbal approval on another well and we will be facing that same issue on the other wells we are drilling. so i have attached the procedure and the casing info for review for the well above.

NOI Attachments

Procedure Description

Jabba_101H_Planned_Single_Stage_Cement_Procedure_20221209135848.pdf

X32_Single_Stage_Prod_Cmt_20221123140734.pdf

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JABBA

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OPERATING LLC

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: CASSIE EVANS

Signed on: DEC 09, 2022 01:58 PM

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Analyst

Street Address: 6401 Holiday Hill Road, Bldg 5

City: Midland

State: TX

Phone: (432) 218-3671

Email address: CASSIE.EVANS@EXXONMOBIL.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752342234

BLM POC Email Address: cwalls@blm.gov

Disposition: Approved

Disposition Date: 06/05/2023

Signature: Chris Walls

Planned 5.5" Single-Stage Production Cement

For the Big Eddy Unit BB Jabba 101H plan is to pump a single stage cement job with no bradenhead squeeze. Planned TOC is 4,757' (300' inside Int 2 shoe) and volumes as listed. Because this is a Potash well, TOC must be beneath the engineered weakpoint (P110 x HCL80 XO) at 2,803' MD.

1. Run 1:1 Bow Spring Centralizers from KOP to 4,757'
2. Rig Up and Pre-Job circulation
 - Rig up to pump job with **1 truck**
 - Perform pre-job circulation achieving 8 bpm and end with 400 bbls of thin OBM
3. Pressure test, drop **orange** bottom plug, and pump 80 bbls of 10.5 ppg Spacer
4. Pump **176 bbls** of 11.5 ppg **Lead** Cement and **693 bbls** of 13.2 ppg **Tail** Cement achieving 8bpm.

2111 Sx of POZ/Class H 13.2 ppg Tail, 1.86 ft³/sack, 9.70 gal/sack water. 694 bbls TOC @ 9027' 5% Extender, .25% Retarder, .02 gal/sak Anti Foam, 10% Expanding agent, 27.83 lb/sk Extender, .1% Viscosifier, .5% Fluid Loss
0% excess is to be pumped on both the lead and tail

2112 Pump **550 bbls of displacement** achieving 8 bpm before slowing to bump plug. 347 sx of POZ/Class C 11.5 ppg Lead, 3.12ft³/sack, 18.54 gal/sack water. 192bbls TOC @ 4757'
20% Extender, 10% Extender, .4% Dispersant, 39.84 lb/sk Extender, .1% Viscosifier, .2% Fluid Loss, .4% Retarder

2113 Planned TOC to be at **4,757'**, 300' inside previous shoe

2114 Prepare to run CBL offline to determine TOC

Input
Output

Hole Properties

TD	26009 ft
OH	8.5 in
Csg OD	5.5 in
Excess	0%
Int Csg ID	8.84 in
Int Csg Shoe	5057 ft
Int Csg XO	2803 ft
KOP	9027 ft
Top of Float Collar	25959 ft
Prod Csg ID	4.67 in
Prod Ann Cap	0.0408 bbl/ft
Int Ann Cap	0.046528 bbl/ft
Prod Csg Cap	0.021186 bbl/ft

Volumetrics

Prod Annulus Vol
Int Annulus Vol to TOC
Int Annulus Vol to XO

Spacer
Lead
Tail
Displacement

Spacer
Lead
Tail
Displacement

Depths

Spacer Top
Spacer Bottom

Lead Top (TOC)
Lead Bottom

Tail Top
Tail Bottom

Geology

854.8514 bbl	Capitan Reef Top	3003 ft TVD
13.95831 bbl	Capitan Reef Bottom	4985 ft TVD
104.8734 bbl		
	Brushy Top	6126 ft TVD
10.5 ppg	Brushy Bottom	7732 ft TVD
11.5 ppg		
13.2 ppg		
8.4 ppg		

80 bbl
175.9362 bbl
692.8735 bbl
549.9682 bbl

TOC Below Int Csg XO?

3037.594 ft
 4757 ft

 4757 ft
 9027 ft

 9027 ft
Shoe Track

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 224008

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 224008
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	7/12/2023