

Well Name: BIG EDDY UNIT DI BB JABBA	Well Location: T20S / R32E / SEC 22 / SWSW / 32.55275 / -103.760677	County or Parish/State: LEA / NM
Well Number: 100H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC065752A, NMNM33955	Unit or CA Name: BIG EDDY	Unit or CA Number: NMNM68294X
US Well Number: 3002547224	Well Status: Producing Oil Well	Operator: XTO PERMIAN OPERATING LLC

Notice of Intent

Sundry ID: 2704354

Type of Submission: Notice of Intent	Type of Action: APD Change
Date Sundry Submitted: 11/23/2022	Time Sundry Submitted: 02:04
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_100H_Planned_Single_Stage_Cement_Procedure_revised_20221209133427.pdf
- X32_Single_Stage_Prod_Cmt_20221123140402.pdf

Received by OCD: 6/5/2023 1:31:53 PMPage 2 of 8

Well Name: BIG EDDY UNIT D1 BB JABBA	Well Location: T20S / R32E / SEC 22 / SWSW / 32.55275 / -103.760677	County or Parish/State: LEA / NM
Well Number: 100H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC065752A, NMNM33955	Unit or CA Name: BIG EDDY	Unit or CA Number: NMNM68294X
US Well Number: 3002547224	Well Status: Producing Oil Well	Operator: XTO PERMIAN 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 01:34 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 100H plan is to pump a single stage cement job with no bradenhead squeeze. Planned TOC is 4,755' (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 2,818' MD.

1. Run 1:1 Bow Spring Centralizers from KOP to 4,755'
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 **183 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. 700 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
5. Pump **553 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
6. Planned TOC to be at **4,755'**, 300' inside previous shoe
7. Prepare to run CBL offline to determine TOC

Input
Output

Hole Properties

TD	26150 ft
OH	8.5 in
Csg OD	5.5 in
Excess	0%
Int Csg ID	8.84 in
Int Csg Shoe	5055 ft
Int Csg XO	2818 ft
KOP	9183 ft
Top of Float Collar	26100 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

860.6858 bbl	Capitan Reef Top	3003 ft TVD
13.95831 bbl	Capitan Reef Bottom	4985 ft TVD
104.0824 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
182.3826 bbl
692.2615 bbl
552.9554 bbl

TOC Below Int Csg XO? Yes

3035.594 ft
4755 ft

4755 ft
9183 ft

9183 ft
Shoe Track

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? Yes

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 223965

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 223965
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

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