

1625 N. French Dr., Hobbs, NM 88240

District II

811 S. First St., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural ResourcesForm C-104
Revised August 1, 2011Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☒ AMENDED REPORT
Recompletion

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Marathon Oil Permian LLC 5555 San Felipe St., Houston, TX 77056		² OGRID Number 372098
		³ Reason for Filing Code/ Effective Date RC
⁴ API Number 30 - 025-27153	⁵ Pool Name Red Tank Bone Spring East WC-025 G-06 S223322J; BONE SPRING	⁶ Pool Code 51687 = 97846 KZ
⁷ Property Code 318198	⁸ Property Name FEDERAL 15 A COM	⁹ Well Number 1

II. ¹⁰ Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
J	15	22S	33E		1980	SOUTH	1980	EAST	LEA

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	15	22S	33E		1980	SOUTH	1980	EAST	LEA
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				


III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
16587	ORYX ENERGY CO	O
703107	LUCID ENERGY DELAWARE, LLC	G

IV. Well Completion Data

²¹ Spud Date 12/12/1980	²² Ready Date 8/10/2021 12/20/2020	²³ TD 15200'	²⁴ PBTB 14387'	²⁵ Perforations 10116-10911	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8", 48#, H40	1130'	1100		
12 1/4"	9 5/8", 40# & 36#, K55	5506'	1600		
8 1/2"	7", 26#, N80/S95	11500'	1591		
6 1/8"	4 1/2", 13.5#, S95 Tubing: 2-7/8"	11200' - 15200' Tubing: 11140'	700		

V. Well Test Data

³¹ Date New Oil 12/20/2020	³² Gas Delivery Date 12/20/2020	³³ Test Date 3/20/2021	³⁴ Test Length 24hrs	³⁵ Tbg. Pressure 480	³⁶ Csg. Pressure 490
³⁷ Choke Size 4	³⁸ Oil 32	³⁹ Water 29	⁴⁰ Gas 28		⁴¹ Test Method Gas Lift
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: 			OIL CONSERVATION DIVISION		
Printed name: Adrian Covarrubias			Approved by: 		
Title: Regulatory Professional			Approval Date: 12/03/2021		
E-mail Address: acovarrubias@marathonoil.com					
Date: 8/9/2021		Phone: 713-296-3368			

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: (505) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WC-025 G-06

S223322J; BONE SPRING

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-27153	² Pool Code 51687 97846	³ Pool Name RED TANK, BONE SPRING, EAST
⁴ Property Code 318198	⁵ Property Name FEDERAL 15 A COM	
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN LLC	⁶ Well Number 1H
		⁹ Elevation 3550'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	15	22S	33E		1980	SOUTH	1980	EAST	LEA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 320.0 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
---	-------------------------------	----------------------------------	-------------------------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>Infill Well</p> <p>SECTION 9 SECTION 10 SECTION 11</p> <p>SECTION 16 SECTION 15 SECTION 14</p> <p>SECTION 16 SECTION 15 SECTION 14</p> <p>SECTION 21 SECTION 22 SECTION 23</p> <p>A B</p> <p>SHL</p> <p>D C</p> <p>1980'</p> <p>1980'</p> <p>SHEET 1 OF 2 JOB No. R3948_002 REV 1 DEF 4/9/2021</p>	<p>CORNER COORDINATES NAD 83, SPCS NM EAST A - X: 777306.80' / Y: 507105.32' B - X: 782588.18' / Y: 507136.17' C - X: 782605.21' / Y: 504497.33' D - X: 777327.33' / Y: 504465.81'</p>	<p>CORNER COORDINATES NAD 27, SPCS NM EAST A - X: 736124.21' / Y: 507044.75' B - X: 741405.55' / Y: 507075.59' C - X: 741422.52' / Y: 504436.83' D - X: 736144.68' / Y: 504405.32'</p>	<p>¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>[Signature]</i> 8/9/2021 Signature Date</p> <p>Adrian Covarrubias Printed Name</p> <p>E-mail Address</p> <p>¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>APRIL 12, 2021 Date of Survey</p> <p><i>[Signature]</i> Signature and Seal of Professional Surveyor</p> <p>DAVID W. MYERS 11403 PROFESSIONAL SURVEYOR</p> <p>Certificate Number DAVID W. MYERS 11403</p>
	<p>SURFACE HOLE LOCATION 1980' FSL 1980' FEL, SECTION 15 NAD 83, SPCS NM EAST X: 780612.48' / Y: 506463.06' LAT: 32.38995194N / LON: 103.55816024W NAD 27, SPCS NM EAST X: 739429.85' / Y: 506402.51' LAT: 32.38982844N / LON: 103.55767630W</p>		

Distances/areas relative to NAD 83 Combined Scale Factor: 0.123456789 Convergence Angle: 01°23'45.67890"

☐ Horizontal Spacing Unit

Well Name: FED 15 COM A	Well Location: T22S / R33E / SEC 15 / NWSE /	County or Parish/State: LEA / NM
Well Number: 01	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM12846	Unit or CA Name: FED 15 COM A	Unit or CA Number: NMNM72228
US Well Number: 3002527153	Well Status: Producing Gas Well	Operator: MARATHON OIL PERMIAN LLC

Subsequent Report

Type of Submission: Subsequent Report	Type of Action: Recompletion
Date Sundry Submitted: 03/22/2021	Time Sundry Submitted: 02:09
Date Operation Actually Began: 11/17/2020	

Actual Procedure: 11/17/2020 – 11/18/2020: Pull out of hole with 2 3/8” tubing. 11/19/2020: Set CIBP at 11,260’. Dump bail cement on top of CIBP 11/20/2020: Run in hole with 4 ½” frac string and baker hornet packer 12/13/2020: Perforate from 10,911’ – 10,914’ and 10,113’ – 10,116’. Both intervals were perforated with 6 SPF with 60 degree phasing (26 total shots – 13 per interval). Used Titan Perfecta charges 12/17/2020: Frac 1 stage with 1,554 gallons of 15% HCL, 3,819 bbls of HVFR carrying 126,690 lbs or 100 mesh sand. 12/20/2020: Began flowback

Operator Certification

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 submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: COVARRUBIAS	Signed on: MAR 22, 2021 02:09 PM
Name: MARATHON OIL PERMIAN LLC	
Title: regulatory Compliance Representative	
Street Address: 5555 SAN FELIPE ST.	
City: HOUSTON	State: TX
Phone: (713) 296-3368	
Email address: acovarrubias@marathonoil.com	

Field Representative

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

Well Name: FED 15 COM A	Well Location: T22S / R33E / SEC 15 / NWSE /	County or Parish/State: LEA / NM
Well Number: 01	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM12846	Unit or CA Name: FED 15 COM A	Unit or CA Number: NMNM72228
US Well Number: 3002527153	Well Status: Producing Gas Well	Operator: MARATHON OIL PERMIAN LLC

BLM Point of Contact

BLM POC Name: Jonathon W Shepard

BLM POC Phone: 5752345972

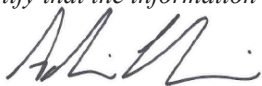
Disposition: Accepted

Signature: Jonathon Shepard

BLM POC Title: Petroleum Engineer

BLM POC Email Address: jshepard@blm.gov

Disposition Date: 04/08/2021

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017													
1. WELL API NO. 30-025-27153																		
2. Type of Lease <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> FED/INDIAN																		
3. State Oil & Gas Lease No.																		
WELL COMPLETION OR RECOMPLETION REPORT AND LOG																		
4. Reason for filing: <input checked="" type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)				5. Lease Name or Unit Agreement Name														
7. Type of Completion: <input type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input checked="" type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input checked="" type="checkbox"/> OTHER Recomplete				6. Well Number: Federal 15 A Com 1														
8. Name of Operator Marathon Oil Permian LLC				9. OGRID 372098 WC-025 G-06														
10. Address of Operator 5555 San Felipe St., Houston, TX 77056				11. Pool name or Wildcat S223322J; BONE SPRING Red Tank, Bone Spring East														
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County								
Surface:	J	15	22S	33E		1980	SOUTH	1980	EAST	LEA								
BH:	J	15	22S	33E		1980	SOUTH	1980	EAST	LEA								
13. Date Spudded 12/12/1980	14. Date T.D. Reached 8/7/1981		15. Date Rig Released		16. Date Completed (Ready to Produce) 12/19/2020		17. Elevations (DF and RKB, RT, GR, etc.) 3550' GR											
18. Total Measured Depth of Well 15200'			19. Plug Back Measured Depth 14387'		20. Was Directional Survey Made? NO		21. Type Electric and Other Logs Run NA											
22. Producing Interval(s), of this completion - Top, Bottom, Name 10116' - 10911'; Bone Spring																		
23. CASING RECORD (Report all strings set in well)																		
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED								
13-3/8"		48#, H40		1130'		17-1/2"		1100										
9-5/8"		40#, K55		5506'		12-1/4"		1600										
7"		26#, N80/S95		11500'		8-1/2"		1591										
24. LINER RECORD																		
SIZE	TOP	BOTTOM		SACKS CEMENT	SCREEN		25. TUBING RECORD											
4-1/2"	11200'	15200"		700			SIZE	DEPTH SET	PACKER SET									
							2-7/8"	11140'										
26. Perforation record (interval, size, and number) 10116' - 10911', 036", 26 shots																		
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>10116'-10911'</td> <td>1554 gal. 15% HCl Acid</td> </tr> <tr> <td>10116' - 10911'</td> <td>126690 lbs of 100 mesh Sand</td> </tr> <tr> <td></td> <td></td> </tr> </table>											DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	10116'-10911'	1554 gal. 15% HCl Acid	10116' - 10911'	126690 lbs of 100 mesh Sand		
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED																	
10116'-10911'	1554 gal. 15% HCl Acid																	
10116' - 10911'	126690 lbs of 100 mesh Sand																	
28. PRODUCTION																		
Date First Production 3/20/2021		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing												
Date of Test 3/20/2021	Hours Tested 24	Choke Size 4/64	Prod'n For Test Period	Oil - Bbl 32	Gas - MCF 29	Water - Bbl. 26	Gas - Oil Ratio											
Flow Tubing Press. 480	Casing Pressure 490	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)												
29. Disposition of Gas (Sold, used for fuel, vented, etc.) sold							30. Test Witnessed By											
31. List Attachments																		
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date:											
34. If an on-site burial was used at the well, report the exact location of the on-site burial:																		
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief																		
Signature 			Printed Name Adrian Covarrubias			Title Regulatory Specialist			Date 8/10/2021									
E-mail Address acovarrubias@marathonoil.com																		

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon 4998'	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka 13750'	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinbry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs 8714'	T. Todilto	
T. Abo	T. Rustler 1155'	T. Entrada	
T. Wolfcamp 13634'	T. Lamar 4937'	T. Wingate	
T. Penn	T. Cherry Canyon 5992'	T. Chinle	
T. Cisco (Bough C)	T. Strawn 13634'	T. Permian	

No. 1, from.....to.....

No. 2, from.....to.....

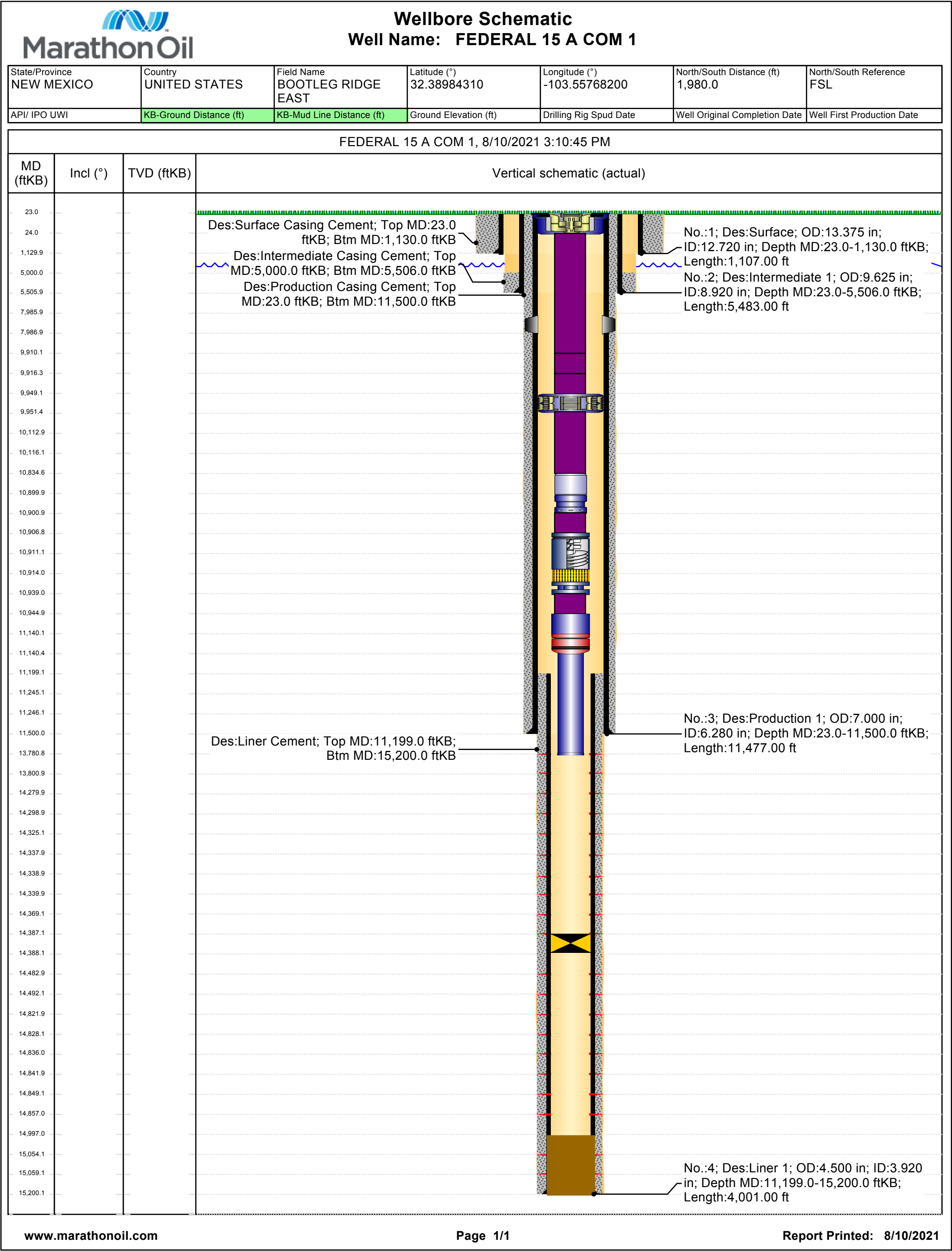
No. 3, from.....to.....

No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology



www.marathonoil.com

Page 1/1

Report Printed: 8/10/2021

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

ACKNOWLEDGMENTS

Action 41076

ACKNOWLEDGMENTS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 41076
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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 41076

CONDITIONS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 41076
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	12/3/2021