

District I
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

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address BTA OIL PRODUCERS, LLC 104 S. PECOS MIDLAND, TX 79701		² OGRID Number 260297	
		³ Reason for Filing Code/ Effective Date NEW WELL 6/13/2021	
⁴ API Number 30 – 025-46089	⁵ Pool Name BOBCAT DRAW / UPPER WOLFCAMP		⁶ Pool Code 98094
⁷ Property Code 322775	⁸ Property Name ROJO 7811 22 FED COM		⁹ Well Number 27H

II. 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
P	22	25-S	33-E		420	SOUTH	1220	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
A	22	25-S	33E		97.9	NORTH	1018	EAST	LEA
¹² Lse Code F	¹³ Producing Method Code FLOWING		¹⁴ Gas Connection Date 06/13/2021		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
34053	PLAINS MARKETING LP P.O. BOX 4648 HOUSTON, TX. 77210-4648	O
371058	ETC FIELD SERVICES LLC 8444 WESTCHESTER DR. STE 600 DALLAS, TX. 75225	G

IV. Well Completion Data

²¹ Spud Date 01/21/2021	²² Ready Date 06/13/2021	²³ TD 17,810’	²⁴ PBDT 17,785’	²⁵ Perforations 12,935’ – 17,700’	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
14 ¾		10 ¾		1,165’	805
8 ¾”		7 5/8		12,287’	1,820
6 ¾		5 ½		12,052’	1,390
6 3/4		5		17,810’	1,390

V. Well Test Data

³¹ Date New Oil 06/13/2021	³² Gas Delivery Date 6/13/2021	³³ Test Date 6/23/2021	³⁴ Test Length 24	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 3150
³⁷ Choke Size 28/64	³⁸ Oil 606	³⁹ Water 2452	⁴⁰ Gas 2460	–	⁴¹ Test Method FLOWING
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: <i>Katy Reddell</i>			OIL CONSERVATION DIVISION Approved by: KURT SIMMONS		
Printed name: KATY REDDELL			Title: NMOCD, SANTA FE		
Title: REGULATORY ANALYST			Approval Date: 09/20/2021		
E-mail Address: kreddell@btaoil.com					
Date: 08/09/2021		Phone: 432-682-3753			

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 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, New Mexico 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office

AMENDED REPORT
AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-46089	Pool Code 98094	Pool Name BOBCAT DRAW / UPPER WOLFCAMP
Property Code 322775	Property Name ROJO 7811 22 FED COM	Well Number 27H
OGRID No. 260297	Operator Name BTA OIL PRODUCERS, LLC	Elevation 3346'

Surface Location

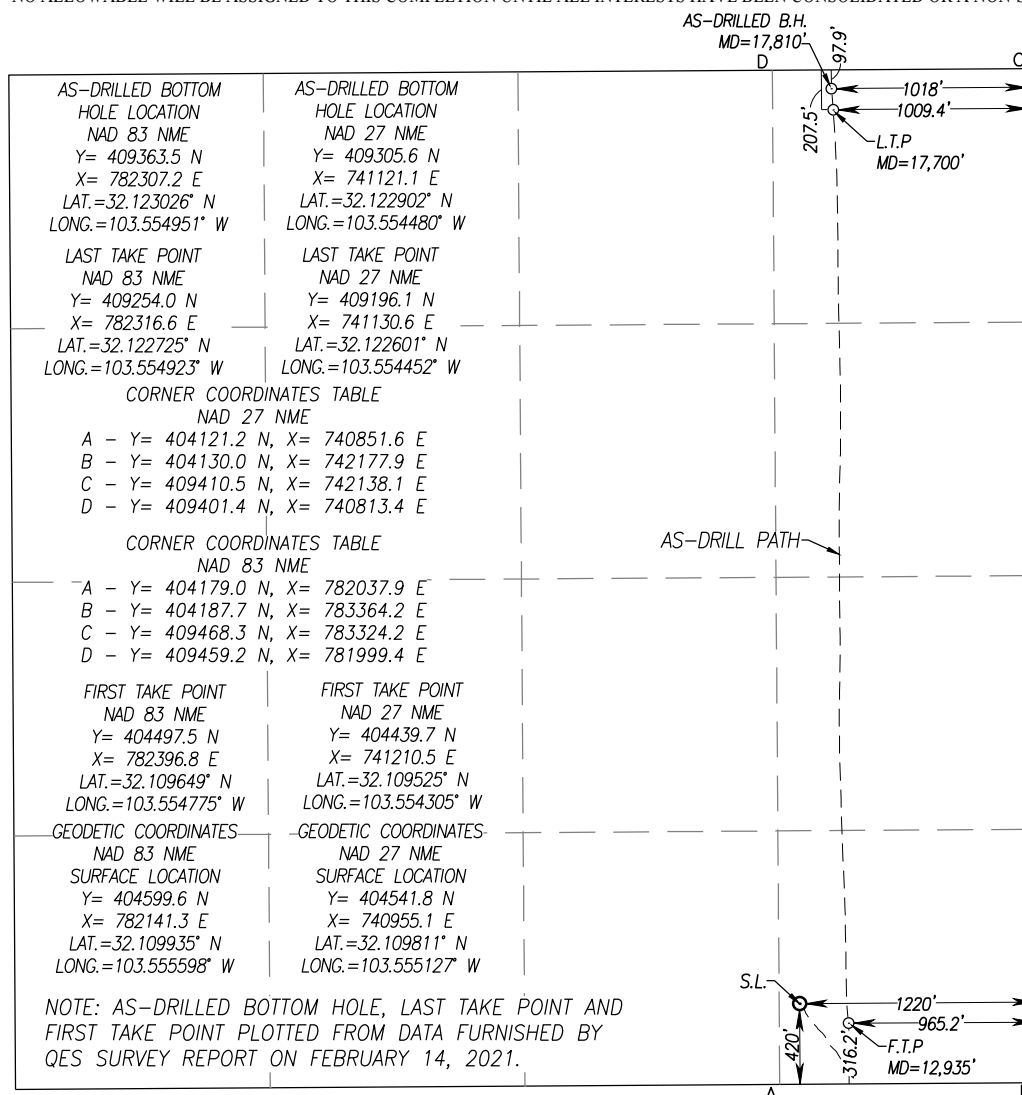
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	22	25-S	33-E		420	SOUTH	1220	EAST	LEA

As-Drilled 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
A	22	25-S	33-E		97.9	NORTH	1018	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160			

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									
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OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Katy Reddell 7/21/2021

Signature
Date

KATY REDDELL

Printed Name

Kreddell@btaoil.com

E-mail Address

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.

Date of Survey: 3239
Signature & Seal of Professional Surveyor

Certificate Number	Gary G. Eidson	12641
	Ronald J. Eidson	3239

ACK BEL W O : 21130068 JWSC W O : 21 13 0260



BTA Oil Producers, LLC

Lea County, NM (NAD 83)

Sec 22, T25-S, R33-E

Rojo 7811 22 Fed Com #27H

Wellbore #1

Design: Wellbore1

Survey Report - Geographic

14 February, 2021





QES
Survey Report - Geographic



Company:	BTA Oil Producers, LLC	Local Co-ordinate Reference:	Well Rojo 7811 22 Fed Com #27H
Project:	Lea County, NM (NAD 83)	TVD Reference:	WELL @ 3373.0usft (Patterson #566)
Site:	Sec 22, T25-S, R33-E	MD Reference:	WELL @ 3373.0usft (Patterson #566)
Well:	Rojo 7811 22 Fed Com #27H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore1	Database:	EDM 5000.1 Single User Db

Project	Lea County, NM (NAD 83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site		Sec 22, T25-S, R33-E					
Site Position:		Northing:	409,243.40	usft	Latitude:	32° 7' 21.790 N	
From:	Map	Easting:	781,148.30	usft	Longitude:	103° 33' 31.310 W	
Position Uncertainty:		0.0	usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.41 °

Well	Rojo 7811 22 Fed Com #27H					
Well Position	+N/-S	0.0 usft	Northing:	404,599.60 usft	Latitude:	32° 6' 35.767 N
	+E/-W	0.0 usft	Easting:	782,141.30 usft	Longitude:	103° 33' 20.153 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,345.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2021	1/15/2021	6.42	59.72	47,597.00000000

Design	Wellbore1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	2.33	

Survey Program	Date	2/14/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
165.0	17,810.0	QES MWD Survey (Wellbore #1)	MWD	OWSG MWD - Standard	

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.0	0.00	0.00	0.0	0.0	0.0	404,599.60	782,141.30	32° 6' 35.767 N	103° 33' 20.153 W
165.0	0.30	9.70	165.0	0.4	0.1	404,600.02	782,141.37	32° 6' 35.771 N	103° 33' 20.152 W
First MWD Survey @ 165.0' MD / 165.0' TVD									
228.0	0.20	272.70	228.0	0.6	0.0	404,600.19	782,141.29	32° 6' 35.773 N	103° 33' 20.153 W
288.0	0.00	219.80	288.0	0.6	-0.1	404,600.20	782,141.18	32° 6' 35.773 N	103° 33' 20.154 W
348.0	0.10	102.90	348.0	0.6	-0.1	404,600.19	782,141.23	32° 6' 35.773 N	103° 33' 20.154 W
408.0	0.20	110.50	408.0	0.5	0.1	404,600.14	782,141.38	32° 6' 35.773 N	103° 33' 20.152 W
467.0	0.30	96.10	467.0	0.5	0.3	404,600.08	782,141.63	32° 6' 35.772 N	103° 33' 20.149 W
558.0	0.40	94.50	558.0	0.4	0.9	404,600.03	782,142.19	32° 6' 35.771 N	103° 33' 20.143 W
620.0	0.40	88.10	620.0	0.4	1.3	404,600.02	782,142.62	32° 6' 35.771 N	103° 33' 20.137 W
713.0	0.50	90.00	713.0	0.4	2.1	404,600.04	782,143.35	32° 6' 35.771 N	103° 33' 20.129 W
806.0	0.50	92.00	806.0	0.4	2.9	404,600.02	782,144.16	32° 6' 35.771 N	103° 33' 20.120 W



QES

Survey Report - Geographic



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Well:	Rojo 7811 22 Fed Com #27H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore1	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
900.0	0.60	98.50	900.0	0.3	3.8	404,599.93	782,145.06	32° 6' 35.770 N	103° 33' 20.109 W
993.0	0.70	99.40	993.0	0.2	4.8	404,599.77	782,146.10	32° 6' 35.769 N	103° 33' 20.097 W
1,086.0	0.90	106.30	1,086.0	-0.1	6.1	404,599.47	782,147.36	32° 6' 35.765 N	103° 33' 20.082 W
1,141.0	0.90	115.80	1,141.0	-0.4	6.9	404,599.16	782,148.16	32° 6' 35.762 N	103° 33' 20.073 W
1,242.0	1.10	139.60	1,241.9	-1.5	8.2	404,598.08	782,149.51	32° 6' 35.752 N	103° 33' 20.058 W
1,336.0	3.60	150.70	1,335.9	-4.8	10.2	404,594.82	782,151.54	32° 6' 35.719 N	103° 33' 20.034 W
1,429.0	3.30	155.40	1,428.7	-9.8	12.8	404,589.84	782,154.08	32° 6' 35.670 N	103° 33' 20.005 W
1,522.0	4.10	151.80	1,521.5	-15.1	15.5	404,584.47	782,156.77	32° 6' 35.616 N	103° 33' 19.974 W
1,616.0	4.70	152.80	1,615.2	-21.5	18.8	404,578.09	782,160.11	32° 6' 35.553 N	103° 33' 19.936 W
1,709.0	4.70	150.80	1,707.9	-28.2	22.4	404,571.37	782,163.71	32° 6' 35.486 N	103° 33' 19.895 W
1,802.0	4.60	154.30	1,800.6	-34.9	25.9	404,564.69	782,167.19	32° 6' 35.420 N	103° 33' 19.855 W
1,895.0	4.60	157.20	1,893.3	-41.7	29.0	404,557.89	782,170.25	32° 6' 35.352 N	103° 33' 19.820 W
1,989.0	4.40	157.70	1,987.0	-48.5	31.8	404,551.08	782,173.08	32° 6' 35.285 N	103° 33' 19.787 W
2,082.0	5.50	143.10	2,079.7	-55.4	35.8	404,544.21	782,177.11	32° 6' 35.217 N	103° 33' 19.741 W
2,175.0	6.00	142.00	2,172.2	-62.8	41.5	404,536.82	782,182.78	32° 6' 35.143 N	103° 33' 19.676 W
2,268.0	6.00	142.00	2,264.7	-70.4	47.5	404,529.16	782,188.76	32° 6' 35.067 N	103° 33' 19.607 W
2,362.0	5.90	141.80	2,358.2	-78.1	53.5	404,521.49	782,194.78	32° 6' 34.990 N	103° 33' 19.538 W
2,455.0	6.10	142.50	2,450.7	-85.8	59.4	404,513.81	782,200.74	32° 6' 34.914 N	103° 33' 19.469 W
2,548.0	6.00	141.50	2,543.2	-93.5	65.5	404,506.09	782,206.77	32° 6' 34.837 N	103° 33' 19.400 W
2,641.0	6.30	139.30	2,635.6	-101.2	71.8	404,498.42	782,213.13	32° 6' 34.761 N	103° 33' 19.326 W
2,735.0	6.40	139.30	2,729.0	-109.1	78.6	404,490.53	782,219.91	32° 6' 34.682 N	103° 33' 19.248 W
2,828.0	6.20	141.40	2,821.5	-116.9	85.1	404,482.68	782,226.42	32° 6' 34.604 N	103° 33' 19.173 W
2,921.0	6.30	143.70	2,913.9	-125.0	91.3	404,474.64	782,232.57	32° 6' 34.524 N	103° 33' 19.102 W
3,014.0	5.30	139.80	3,006.5	-132.3	97.1	404,467.25	782,238.37	32° 6' 34.451 N	103° 33' 19.035 W
3,108.0	5.50	133.00	3,100.0	-138.7	103.2	404,460.86	782,244.46	32° 6' 34.387 N	103° 33' 18.965 W
3,201.0	5.10	128.50	3,192.6	-144.4	109.7	404,455.25	782,250.96	32° 6' 34.331 N	103° 33' 18.890 W
3,294.0	6.10	133.30	3,285.2	-150.3	116.5	404,449.29	782,257.79	32° 6' 34.271 N	103° 33' 18.811 W
3,388.0	6.20	134.80	3,378.7	-157.3	123.7	404,442.28	782,265.03	32° 6' 34.202 N	103° 33' 18.728 W
3,481.0	5.50	149.20	3,471.2	-164.7	129.6	404,434.92	782,270.87	32° 6' 34.128 N	103° 33' 18.660 W
3,574.0	5.10	153.70	3,563.8	-172.2	133.7	404,427.38	782,274.99	32° 6' 34.053 N	103° 33' 18.613 W
3,667.0	5.10	157.30	3,656.4	-179.7	137.1	404,419.86	782,278.41	32° 6' 33.979 N	103° 33' 18.574 W
3,761.0	4.90	159.40	3,750.1	-187.3	140.1	404,412.25	782,281.44	32° 6' 33.903 N	103° 33' 18.539 W
3,854.0	5.10	161.90	3,842.7	-195.0	142.8	404,404.60	782,284.12	32° 6' 33.827 N	103° 33' 18.509 W
3,947.0	4.40	137.20	3,935.4	-201.5	146.5	404,398.06	782,287.83	32° 6' 33.762 N	103° 33' 18.466 W
4,040.0	3.90	137.90	4,028.1	-206.5	151.1	404,393.09	782,292.37	32° 6' 33.713 N	103° 33' 18.414 W
4,133.0	3.60	139.30	4,120.9	-211.1	155.1	404,388.53	782,296.40	32° 6' 33.668 N	103° 33' 18.367 W
4,226.0	3.40	140.60	4,213.8	-215.4	158.8	404,384.19	782,300.05	32° 6' 33.624 N	103° 33' 18.325 W
4,319.0	3.30	143.40	4,306.6	-219.7	162.1	404,379.91	782,303.40	32° 6' 33.582 N	103° 33' 18.287 W
4,413.0	4.40	141.10	4,400.4	-224.7	166.0	404,374.93	782,307.28	32° 6' 33.532 N	103° 33' 18.242 W
4,506.0	5.10	135.90	4,493.1	-230.4	171.1	404,369.18	782,312.39	32° 6' 33.475 N	103° 33' 18.183 W
4,599.0	6.60	122.40	4,585.6	-236.2	178.5	404,363.35	782,319.78	32° 6' 33.417 N	103° 33' 18.098 W
4,692.0	6.60	140.60	4,678.0	-243.2	186.4	404,356.36	782,327.69	32° 6' 33.347 N	103° 33' 18.006 W
4,785.0	4.70	143.70	4,770.5	-250.4	192.0	404,349.16	782,333.34	32° 6' 33.275 N	103° 33' 17.941 W
4,879.0	3.50	153.30	4,864.3	-256.1	195.6	404,343.49	782,336.91	32° 6' 33.219 N	103° 33' 17.900 W
4,972.0	3.20	148.50	4,957.1	-260.9	198.2	404,338.74	782,339.54	32° 6' 33.172 N	103° 33' 17.870 W
5,065.0	3.10	149.00	5,050.0	-265.2	200.9	404,334.37	782,342.19	32° 6' 33.128 N	103° 33' 17.840 W
5,158.0	3.10	149.70	5,142.9	-269.6	203.5	404,330.04	782,344.75	32° 6' 33.085 N	103° 33' 17.810 W
5,252.0	2.80	148.60	5,236.7	-273.7	205.9	404,325.89	782,347.23	32° 6' 33.044 N	103° 33' 17.782 W
5,345.0	2.70	147.40	5,329.6	-277.5	208.3	404,322.11	782,349.60	32° 6' 33.006 N	103° 33' 17.754 W
5,438.0	2.70	142.10	5,422.5	-281.1	210.8	404,318.53	782,352.12	32° 6' 32.971 N	103° 33' 17.725 W
5,531.0	2.90	138.10	5,515.4	-284.5	213.7	404,315.05	782,355.04	32° 6' 32.936 N	103° 33' 17.692 W
5,625.0	2.90	136.10	5,609.3	-288.0	217.0	404,311.57	782,358.27	32° 6' 32.902 N	103° 33' 17.654 W
5,718.0	2.80	132.60	5,702.2	-291.3	220.3	404,308.34	782,361.58	32° 6' 32.869 N	103° 33' 17.616 W
5,811.0	2.90	132.60	5,795.1	-294.4	223.7	404,305.21	782,364.98	32° 6' 32.838 N	103° 33' 17.577 W
5,904.0	3.10	147.60	5,887.9	-298.1	226.8	404,301.49	782,368.06	32° 6' 32.801 N	103° 33' 17.542 W



QES

Survey Report - Geographic



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Project:	Lea County, NM (NAD 83)	TVD Reference:	WELL @ 3373.0usft (Patterson #566)
Site:	Sec 22, T25-S, R33-E	MD Reference:	WELL @ 3373.0usft (Patterson #566)
Well:	Rojo 7811 22 Fed Com #27H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore1	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
5,998.0	3.30	151.80	5,981.8	-302.6	229.4	404,296.96	782,370.70	32° 6' 32.756 N	103° 33' 17.511 W
6,091.0	2.70	160.70	6,074.7	-307.1	231.4	404,292.53	782,372.69	32° 6' 32.712 N	103° 33' 17.488 W
6,184.0	2.50	162.40	6,167.6	-311.1	232.7	404,288.53	782,374.03	32° 6' 32.672 N	103° 33' 17.473 W
6,277.0	3.10	130.20	6,260.5	-314.6	235.3	404,284.98	782,376.56	32° 6' 32.637 N	103° 33' 17.444 W
6,370.0	3.00	126.20	6,353.3	-317.7	239.1	404,281.92	782,380.45	32° 6' 32.607 N	103° 33' 17.399 W
6,463.0	2.90	124.30	6,446.2	-320.4	243.1	404,279.15	782,384.35	32° 6' 32.579 N	103° 33' 17.354 W
6,556.0	3.60	141.50	6,539.1	-324.1	246.8	404,275.54	782,388.11	32° 6' 32.543 N	103° 33' 17.311 W
6,649.0	3.80	143.30	6,631.9	-328.8	250.5	404,270.79	782,391.77	32° 6' 32.496 N	103° 33' 17.268 W
6,742.0	3.80	141.70	6,724.7	-333.7	254.2	404,265.90	782,395.53	32° 6' 32.447 N	103° 33' 17.225 W
6,836.0	3.60	143.40	6,818.5	-338.5	257.9	404,261.08	782,399.22	32° 6' 32.399 N	103° 33' 17.183 W
6,929.0	3.30	139.60	6,911.3	-342.9	261.4	404,256.70	782,402.69	32° 6' 32.355 N	103° 33' 17.143 W
7,022.0	3.10	140.40	7,004.1	-346.9	264.7	404,252.72	782,406.03	32° 6' 32.316 N	103° 33' 17.104 W
7,115.0	3.20	142.40	7,097.0	-350.9	267.9	404,248.73	782,409.22	32° 6' 32.276 N	103° 33' 17.068 W
7,209.0	3.00	145.90	7,190.9	-355.0	270.9	404,244.62	782,412.20	32° 6' 32.235 N	103° 33' 17.033 W
7,302.0	2.90	145.60	7,283.7	-358.9	273.6	404,240.66	782,414.89	32° 6' 32.196 N	103° 33' 17.002 W
7,395.0	2.90	145.20	7,376.6	-362.8	276.3	404,236.79	782,417.56	32° 6' 32.157 N	103° 33' 16.971 W
7,488.0	2.80	150.50	7,469.5	-366.7	278.7	404,232.88	782,420.02	32° 6' 32.118 N	103° 33' 16.943 W
7,581.0	1.50	163.10	7,562.4	-369.9	280.2	404,229.74	782,421.49	32° 6' 32.087 N	103° 33' 16.926 W
7,674.0	1.20	187.40	7,655.4	-372.0	280.4	404,227.60	782,421.72	32° 6' 32.066 N	103° 33' 16.924 W
7,767.0	1.40	186.40	7,748.4	-374.1	280.2	404,225.51	782,421.47	32° 6' 32.045 N	103° 33' 16.927 W
7,860.0	0.80	188.90	7,841.4	-375.9	279.9	404,223.74	782,421.24	32° 6' 32.028 N	103° 33' 16.930 W
7,954.0	0.70	174.10	7,935.4	-377.1	279.9	404,222.52	782,421.20	32° 6' 32.016 N	103° 33' 16.930 W
8,047.0	0.80	178.40	8,028.4	-378.3	280.0	404,221.31	782,421.28	32° 6' 32.004 N	103° 33' 16.930 W
8,140.0	0.80	177.50	8,121.4	-379.6	280.0	404,220.01	782,421.32	32° 6' 31.991 N	103° 33' 16.929 W
8,234.0	0.90	163.10	8,215.3	-381.0	280.3	404,218.65	782,421.57	32° 6' 31.978 N	103° 33' 16.926 W
8,327.0	1.00	178.20	8,308.3	-382.5	280.5	404,217.14	782,421.81	32° 6' 31.963 N	103° 33' 16.924 W
8,420.0	1.10	190.60	8,401.3	-384.2	280.4	404,215.45	782,421.67	32° 6' 31.946 N	103° 33' 16.926 W
8,509.0	1.20	198.70	8,490.3	-385.9	279.9	404,213.73	782,421.21	32° 6' 31.929 N	103° 33' 16.931 W
8,603.0	0.40	347.50	8,584.3	-386.5	279.5	404,213.11	782,420.82	32° 6' 31.923 N	103° 33' 16.936 W
8,696.0	1.10	353.90	8,677.3	-385.3	279.4	404,214.32	782,420.66	32° 6' 31.935 N	103° 33' 16.937 W
8,789.0	0.70	349.70	8,770.3	-383.8	279.2	404,215.76	782,420.46	32° 6' 31.949 N	103° 33' 16.940 W
8,883.0	0.50	338.00	8,864.3	-382.9	278.9	404,216.71	782,420.21	32° 6' 31.958 N	103° 33' 16.942 W
8,976.0	0.60	319.00	8,957.3	-382.1	278.4	404,217.45	782,419.73	32° 6' 31.966 N	103° 33' 16.948 W
9,069.0	0.70	314.30	9,050.3	-381.4	277.7	404,218.22	782,419.01	32° 6' 31.973 N	103° 33' 16.956 W
9,162.0	0.80	298.30	9,143.2	-380.7	276.7	404,218.92	782,418.03	32° 6' 31.980 N	103° 33' 16.968 W
9,255.0	1.20	280.90	9,236.2	-380.2	275.2	404,219.41	782,416.50	32° 6' 31.985 N	103° 33' 16.985 W
9,349.0	0.70	286.90	9,330.2	-379.8	273.7	404,219.77	782,414.99	32° 6' 31.989 N	103° 33' 17.003 W
9,442.0	1.50	284.60	9,423.2	-379.4	272.0	404,220.24	782,413.26	32° 6' 31.994 N	103° 33' 17.023 W
9,535.0	1.10	309.10	9,516.2	-378.5	270.1	404,221.11	782,411.39	32° 6' 32.003 N	103° 33' 17.044 W
9,628.0	0.90	88.20	9,609.2	-377.9	270.1	404,221.70	782,411.43	32° 6' 32.008 N	103° 33' 17.044 W
9,722.0	0.70	95.80	9,703.2	-377.9	271.4	404,221.66	782,412.74	32° 6' 32.008 N	103° 33' 17.029 W
9,815.0	0.40	94.00	9,796.2	-378.0	272.3	404,221.58	782,413.63	32° 6' 32.007 N	103° 33' 17.018 W
9,908.0	0.40	144.90	9,889.2	-378.3	272.8	404,221.29	782,414.14	32° 6' 32.004 N	103° 33' 17.013 W
10,002.0	0.60	228.50	9,983.2	-378.9	272.7	404,220.70	782,413.96	32° 6' 31.998 N	103° 33' 17.015 W
10,095.0	0.10	115.80	10,076.2	-379.3	272.4	404,220.34	782,413.67	32° 6' 31.995 N	103° 33' 17.018 W
10,188.0	0.60	190.80	10,169.2	-379.8	272.4	404,219.83	782,413.65	32° 6' 31.990 N	103° 33' 17.018 W
10,281.0	0.70	60.90	10,262.2	-380.0	272.8	404,219.62	782,414.06	32° 6' 31.988 N	103° 33' 17.014 W
10,374.0	1.00	28.70	10,355.1	-379.0	273.6	404,220.61	782,414.94	32° 6' 31.997 N	103° 33' 17.003 W
10,468.0	0.70	5.90	10,449.1	-377.7	274.1	404,221.90	782,415.39	32° 6' 32.010 N	103° 33' 16.998 W
10,561.0	0.90	327.70	10,542.1	-376.5	273.8	404,223.09	782,415.06	32° 6' 32.022 N	103° 33' 17.002 W
10,654.0	1.30	315.60	10,635.1	-375.1	272.6	404,224.46	782,413.93	32° 6' 32.036 N	103° 33' 17.015 W
10,747.0	1.80	311.00	10,728.1	-373.4	270.8	404,226.17	782,412.09	32° 6' 32.053 N	103° 33' 17.036 W
10,840.0	1.20	12.00	10,821.0	-371.5	269.9	404,228.08	782,411.19	32° 6' 32.072 N	103° 33' 17.046 W
10,934.0	1.30	47.80	10,915.0	-369.8	270.9	404,229.76	782,412.19	32° 6' 32.088 N	103° 33' 17.035 W
11,027.0	0.90	48.60	11,008.0	-368.6	272.2	404,230.95	782,413.52	32° 6' 32.100 N	103° 33' 17.019 W



QES

Survey Report - Geographic



Company:	BTA Oil Producers, LLC	Local Co-ordinate Reference:	Well Rojo 7811 22 Fed Com #27H
Project:	Lea County, NM (NAD 83)	TVD Reference:	WELL @ 3373.0usft (Patterson #566)
Site:	Sec 22, T25-S, R33-E	MD Reference:	WELL @ 3373.0usft (Patterson #566)
Well:	Rojo 7811 22 Fed Com #27H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore1	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
11,120.0	0.90	70.50	11,101.0	-367.9	273.5	404,231.68	782,414.75	32° 6' 32.107 N	103° 33' 17.005 W
11,213.0	0.70	117.10	11,194.0	-367.9	274.7	404,231.66	782,415.95	32° 6' 32.107 N	103° 33' 16.991 W
11,306.0	0.50	233.50	11,287.0	-368.4	274.8	404,231.16	782,416.13	32° 6' 32.102 N	103° 33' 16.989 W
11,400.0	1.80	247.80	11,381.0	-369.2	273.1	404,230.36	782,414.43	32° 6' 32.094 N	103° 33' 17.008 W
11,493.0	1.10	252.70	11,473.9	-370.1	270.9	404,229.54	782,412.23	32° 6' 32.086 N	103° 33' 17.034 W
11,586.0	0.90	109.60	11,566.9	-370.6	270.8	404,229.03	782,412.06	32° 6' 32.081 N	103° 33' 17.036 W
11,680.0	1.50	143.70	11,660.9	-371.8	272.2	404,227.79	782,413.49	32° 6' 32.069 N	103° 33' 17.020 W
11,773.0	0.90	161.40	11,753.9	-373.5	273.1	404,226.12	782,414.44	32° 6' 32.052 N	103° 33' 17.009 W
11,866.0	1.10	175.30	11,846.9	-375.1	273.4	404,224.54	782,414.75	32° 6' 32.036 N	103° 33' 17.005 W
11,959.0	1.60	163.10	11,939.8	-377.2	273.9	404,222.41	782,415.20	32° 6' 32.015 N	103° 33' 17.000 W
12,052.0	1.70	164.00	12,032.8	-379.8	274.7	404,219.84	782,415.95	32° 6' 31.990 N	103° 33' 16.992 W
12,145.0	1.70	168.30	12,125.8	-382.4	275.3	404,217.16	782,416.61	32° 6' 31.963 N	103° 33' 16.984 W
12,239.0	1.90	173.20	12,219.7	-385.4	275.8	404,214.25	782,417.08	32° 6' 31.934 N	103° 33' 16.979 W
12,368.0	1.80	186.50	12,348.7	-389.5	275.8	404,210.11	782,417.11	32° 6' 31.893 N	103° 33' 16.979 W
12,463.0	8.60	348.20	12,443.4	-384.0	274.2	404,215.60	782,415.48	32° 6' 31.948 N	103° 33' 16.997 W
12,558.0	21.00	356.40	12,535.0	-360.0	271.7	404,239.63	782,412.95	32° 6' 32.186 N	103° 33' 17.025 W
12,653.0	32.90	1.20	12,619.6	-317.0	271.1	404,282.58	782,412.42	32° 6' 32.611 N	103° 33' 17.027 W
12,747.0	43.60	359.30	12,693.3	-258.9	271.3	404,340.68	782,412.56	32° 6' 33.186 N	103° 33' 17.021 W
12,841.0	57.50	354.30	12,752.9	-186.7	266.9	404,412.92	782,408.20	32° 6' 33.901 N	103° 33' 17.066 W
12,935.0	73.80	350.60	12,791.5	-102.1	255.5	404,497.48	782,396.81	32° 6' 34.738 N	103° 33' 17.191 W
12,949.6	74.83	351.62	12,795.5	-88.2	253.3	404,511.37	782,394.64	32° 6' 34.876 N	103° 33' 17.215 W
330' HL Crossed @ 12949.6'MD / 12795.5' TVD									
13,030.0	80.60	357.10	12,812.6	-10.1	245.7	404,589.49	782,386.97	32° 6' 35.650 N	103° 33' 17.298 W
13,155.0	88.10	359.80	12,824.9	114.1	242.3	404,713.74	782,383.63	32° 6' 36.879 N	103° 33' 17.326 W
13,250.0	88.00	359.10	12,828.1	209.1	241.4	404,808.68	782,382.72	32° 6' 37.819 N	103° 33' 17.329 W
13,345.0	89.00	359.30	12,830.6	304.0	240.1	404,903.63	782,381.39	32° 6' 38.759 N	103° 33' 17.336 W
13,440.0	89.50	359.10	12,831.8	399.0	238.8	404,998.61	782,380.06	32° 6' 39.699 N	103° 33' 17.343 W
13,534.0	89.50	358.20	12,832.7	493.0	236.6	405,092.58	782,377.85	32° 6' 40.629 N	103° 33' 17.361 W
13,628.0	90.80	358.30	12,832.4	586.9	233.7	405,186.54	782,374.98	32° 6' 41.558 N	103° 33' 17.387 W
13,723.0	91.50	357.00	12,830.5	681.8	229.8	405,281.44	782,371.08	32° 6' 42.498 N	103° 33' 17.424 W
13,818.0	90.40	357.60	12,828.9	776.7	225.3	405,376.32	782,366.61	32° 6' 43.437 N	103° 33' 17.468 W
13,912.0	91.30	357.70	12,827.5	870.6	221.5	405,470.23	782,362.76	32° 6' 44.366 N	103° 33' 17.505 W
14,007.0	90.10	358.40	12,826.4	965.6	218.2	405,565.16	782,359.52	32° 6' 45.306 N	103° 33' 17.535 W
14,103.0	90.00	358.50	12,826.3	1,061.5	215.6	405,661.13	782,356.93	32° 6' 46.256 N	103° 33' 17.557 W
14,198.0	90.60	358.40	12,825.8	1,156.5	213.1	405,756.09	782,354.36	32° 6' 47.196 N	103° 33' 17.579 W
14,293.0	91.10	357.80	12,824.4	1,251.4	209.9	405,851.03	782,351.21	32° 6' 48.135 N	103° 33' 17.607 W
14,388.0	88.10	359.40	12,825.1	1,346.4	207.6	405,945.98	782,348.89	32° 6' 49.075 N	103° 33' 17.626 W
14,482.0	87.20	359.70	12,828.9	1,440.3	206.9	406,039.90	782,348.15	32° 6' 50.005 N	103° 33' 17.627 W
14,577.0	87.40	0.10	12,833.4	1,535.2	206.7	406,134.79	782,347.98	32° 6' 50.944 N	103° 33' 17.621 W
14,671.0	88.20	1.40	12,837.0	1,629.1	207.9	406,228.71	782,349.21	32° 6' 51.873 N	103° 33' 17.599 W
14,766.0	88.10	1.20	12,840.1	1,724.0	210.1	406,323.64	782,351.37	32° 6' 52.812 N	103° 33' 17.566 W
14,861.0	87.70	0.00	12,843.5	1,819.0	211.1	406,418.57	782,352.36	32° 6' 53.751 N	103° 33' 17.546 W
14,955.0	88.40	359.50	12,846.7	1,912.9	210.7	406,512.51	782,351.95	32° 6' 54.681 N	103° 33' 17.543 W
15,050.0	89.00	359.10	12,848.9	2,007.9	209.5	406,607.48	782,350.79	32° 6' 55.621 N	103° 33' 17.549 W
15,145.0	90.00	359.70	12,849.7	2,102.9	208.5	406,702.47	782,349.80	32° 6' 56.561 N	103° 33' 17.552 W
15,240.0	91.20	359.80	12,848.7	2,197.9	208.1	406,797.46	782,349.38	32° 6' 57.501 N	103° 33' 17.549 W
15,335.0	91.80	359.10	12,846.2	2,292.8	207.2	406,892.42	782,348.47	32° 6' 58.441 N	103° 33' 17.552 W
15,430.0	93.20	359.70	12,842.1	2,387.7	206.2	406,987.32	782,347.48	32° 6' 59.380 N	103° 33' 17.555 W
15,525.0	88.10	359.70	12,841.0	2,482.7	205.7	407,082.29	782,346.98	32° 7' 0.319 N	103° 33' 17.553 W
15,619.0	88.40	0.70	12,843.9	2,576.6	206.0	407,176.24	782,347.31	32° 7' 1.249 N	103° 33' 17.541 W
15,715.0	88.70	1.20	12,846.3	2,672.6	207.6	407,272.20	782,348.90	32° 7' 2.199 N	103° 33' 17.515 W
15,810.0	89.90	2.00	12,847.5	2,767.5	210.3	407,367.15	782,351.55	32° 7' 3.138 N	103° 33' 17.476 W
15,904.0	86.40	0.60	12,850.5	2,861.5	212.4	407,461.06	782,353.68	32° 7' 4.067 N	103° 33' 17.443 W
15,999.0	85.50	0.30	12,857.2	2,956.2	213.1	407,555.82	782,354.43	32° 7' 5.005 N	103° 33' 17.427 W
16,093.0	85.50	0.00	12,864.6	3,049.9	213.4	407,649.53	782,354.67	32° 7' 5.932 N	103° 33' 17.416 W



QES
Survey Report - Geographic



Company:	BTA Oil Producers, LLC	Local Co-ordinate Reference:	Well Rojo 7811 22 Fed Com #27H
Project:	Lea County, NM (NAD 83)	TVD Reference:	WELL @ 3373.0usft (Patterson #566)
Site:	Sec 22, T25-S, R33-E	MD Reference:	WELL @ 3373.0usft (Patterson #566)
Well:	Rojo 7811 22 Fed Com #27H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore1	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
16,188.0	86.60	359.70	12,871.1	3,144.7	213.1	407,744.30	782,354.42	32° 7' 6.870 N	103° 33' 17.411 W
16,282.0	87.60	359.00	12,875.9	3,238.6	212.1	407,838.17	782,353.36	32° 7' 7.799 N	103° 33' 17.415 W
16,377.0	91.60	359.00	12,876.6	3,333.5	210.4	407,933.14	782,351.70	32° 7' 8.739 N	103° 33' 17.427 W
16,472.0	92.60	358.60	12,873.1	3,428.5	208.4	408,028.05	782,349.71	32° 7' 9.678 N	103° 33' 17.442 W
16,566.0	93.10	358.50	12,868.4	3,522.3	206.0	408,121.90	782,347.34	32° 7' 10.607 N	103° 33' 17.462 W
16,662.0	93.50	358.20	12,862.9	3,618.1	203.3	408,217.70	782,344.58	32° 7' 11.555 N	103° 33' 17.486 W
16,755.0	91.60	359.40	12,858.7	3,711.0	201.3	408,310.59	782,342.63	32° 7' 12.474 N	103° 33' 17.500 W
16,850.0	91.40	359.70	12,856.3	3,806.0	200.6	408,405.55	782,341.89	32° 7' 13.414 N	103° 33' 17.501 W
16,945.0	92.00	359.20	12,853.4	3,900.9	199.7	408,500.50	782,340.98	32° 7' 14.354 N	103° 33' 17.504 W
17,039.0	90.20	359.90	12,851.6	3,994.9	198.9	408,594.48	782,340.24	32° 7' 15.284 N	103° 33' 17.504 W
17,134.0	89.90	359.40	12,851.6	4,089.9	198.4	408,689.48	782,339.66	32° 7' 16.224 N	103° 33' 17.503 W
17,229.0	89.70	358.50	12,851.9	4,184.9	196.6	408,784.46	782,337.92	32° 7' 17.164 N	103° 33' 17.516 W
17,324.0	90.50	359.00	12,851.7	4,279.8	194.5	408,879.43	782,335.84	32° 7' 18.104 N	103° 33' 17.532 W
17,418.0	89.50	357.40	12,851.7	4,373.8	191.6	408,973.38	782,332.89	32° 7' 19.033 N	103° 33' 17.558 W
17,513.0	91.00	356.90	12,851.3	4,468.7	186.9	409,068.26	782,328.17	32° 7' 19.973 N	103° 33' 17.605 W
17,576.3	90.80	356.63	12,850.3	4,531.9	183.3	409,131.45	782,324.60	32° 7' 20.598 N	103° 33' 17.641 W
330' HL Crossed @ 17576.3'MD / 12850.3' TVD									
17,608.0	90.70	356.50	12,849.9	4,563.5	181.4	409,163.09	782,322.70	32° 7' 20.911 N	103° 33' 17.661 W
17,703.0	92.70	355.90	12,847.1	4,658.2	175.1	409,257.84	782,316.41	32° 7' 21.849 N	103° 33' 17.726 W
17,751.0	91.80	354.80	12,845.2	4,706.0	171.2	409,305.64	782,312.52	32° 7' 22.323 N	103° 33' 17.767 W
17,810.0	91.80	354.80	12,843.3	4,764.8	165.9	409,364.37	782,307.18	32° 7' 22.904 N	103° 33' 17.824 W
TD @ 17810.0' MD / 12843.3' TVD									

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
165.0	165.0	0.4	0.1	First MWD Survey @ 165.0'MD / 165.0' TVD
12,949.6	12,795.5	-88.2	253.3	330' HL Crossed @ 12949.6'MD / 12795.5' TVD
17,576.3	12,850.3	4,531.9	183.3	330' HL Crossed @ 17576.3'MD / 12850.3' TVD
17,810.0	12,843.3	4,764.8	165.9	TD @ 17810.0' MD / 12843.3' TVD

Checked By: _____	Approved By: _____	Date: _____
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Well Name: ROJO 7811 22 FEDERAL COM	Well Location: T25S / R33E / SEC 22 / SESE / 32.109935 / -103.555792	County or Parish/State: LEA / NM
Well Number: 27H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM015091, NMNM15091	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002546089	Well Status: Drilling Well	Operator: BTA OIL PRODUCERS LLC

Subsequent Report

Type of Submission: Subsequent Report	Type of Action: Hydraulic Fracturing
Date Sundry Submitted: 07/08/2021	Time Sundry Submitted: 03:11
Date Operation Actually Began: 05/12/2021	

Actual Procedure: TD @ 17,810' REACHED: 02/15/2021. 05/12/2021 THRU 05/20/2021: PERFORATE AND FRAC UPPER WOLFCAMP: 12,935' - 17,700' WITH 246,315 TOTAL FLUID; 11.43MM#S 100 MESH SAND. 06/03/2021: COMPLETE DRILLOUT. 06/13/2021: START FLOWING BACK AND TESTING.

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.

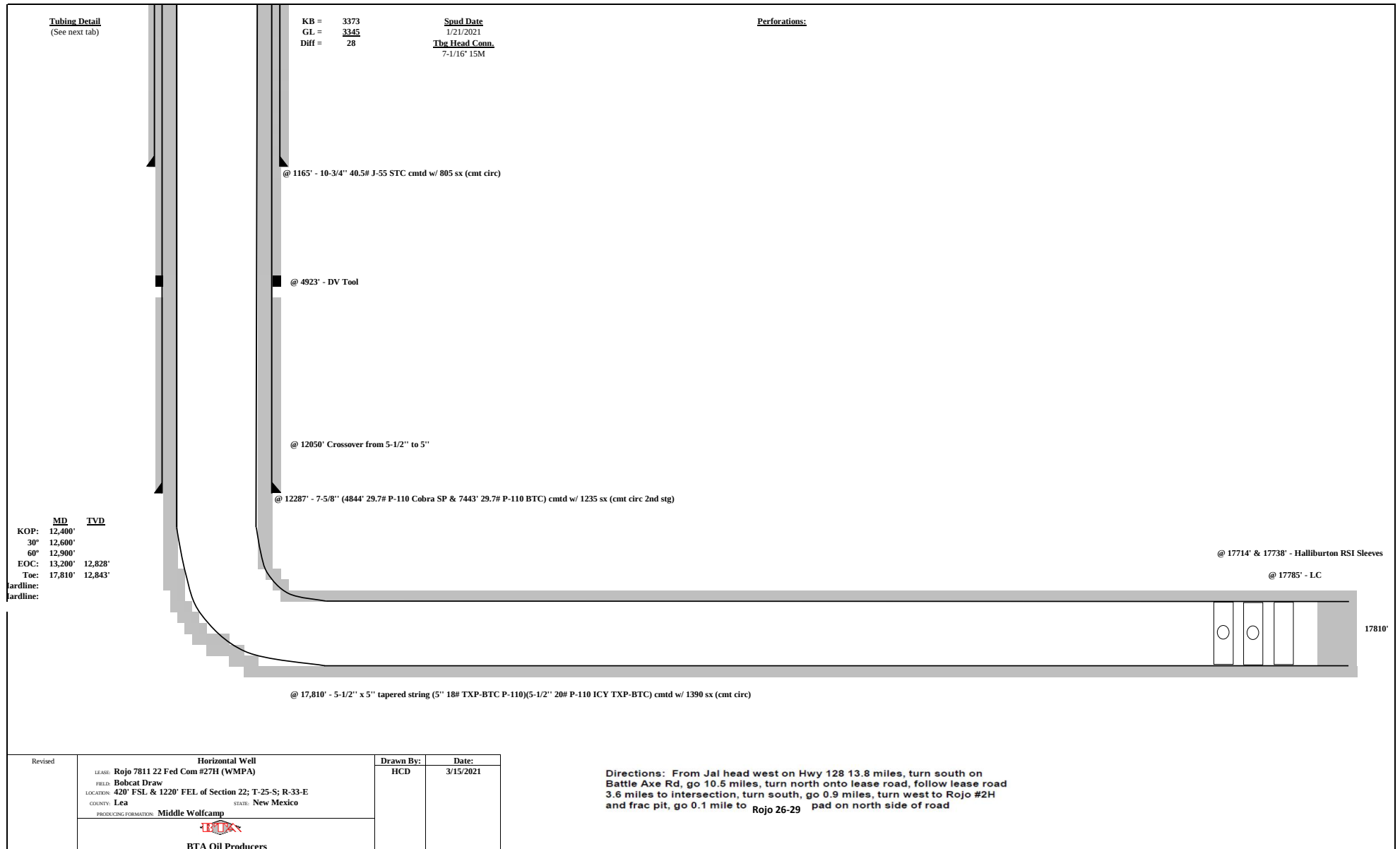
Operator Electronic Signature: KATY REDDELL	Signed on: JUL 08, 2021 03:11 PM
Name: BTA OIL PRODUCERS LLC	
Title: Regulatory Analyst	
Street Address: 104 S Pecos	
City: Midland	State: TX
Phone: (432) 682-3753	
Email address: Kredell@btaoil.com	

Field Representative

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

Well Name: ROJO 7811 22 FEDERAL COM	Well Location: T25S / R33E / SEC 22 / SESE / 32.109935 / -103.555792	County or Parish/State: LEA / NM
Well Number: 27H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM015091, NMNM15091	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002546089	Well Status: Drilling Well	Operator: BTA OIL PRODUCERS LLC

CONFIDENTIAL



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 41047

ACKNOWLEDGMENTS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 41047
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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CONDITIONS

Action 41047

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 41047
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	9/20/2021