

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address BTA OIL PRODUCERS, LLC		² OGRID Number 260297
		³ Reason for Filing Code/ Effective Date 98094NEW WELL
⁴ API Number 30 – 025-45494	⁵ Pool Name BOBCAT DRAW-UPPR WOLFCAMP	⁶ Pool Code 98094
⁷ Property Code 322775	⁸ Property Name ROJO 7811 22 FEDERAL COM	⁹ Well Number 24H

II. ¹⁰ Surface Location

UL or lot no. N M	Section 22	Township 25S	Range 33E	Lot Idn	Feet from the 220	North/South Line SOUTH LINE	Feet from the 1330	East/West line WEST LINE	County LEA
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¹¹ Bottom Hole Location

UL or lot no. C D	Section 22	Township 25S	Range 33E	Lot Idn	Feet from the 58	North/South line NORTH LINE	Feet from the 1685	East/West line WEST LINE	County LEA
¹² Lse Code	¹³ Producing Method Code F	¹⁴ Gas Connection Date 8/21/2020	¹⁵ C-129 Permit Nmber	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	
371058	ETC FIELD SERVICES LLC 8111 WESTCHESTER DR., STE 600 DALLAS, TX. 75225	

IV. Well Completion Data

²¹ Spud Date 12/10/2019	²² Ready Date 8/20/2020	²³ TD 17,369’	²⁴ PBSD 17,339’	²⁵ Perforations 12,450’-17,245’	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
14 ¾”	10 ¾”	1128’	760		
8 ¾”	7 5/8	11842’	1570		
6 ¾”	5 ½” X 5”	17364’	1275		

V. Well Test Data

³¹ Date New Oil 8/20/2020	³² Gas Delivery Date 8/21/2020	³³ Test Date 8/21/2020	³⁴ Test Length 24 HOURS	³⁵ Tbg. Pressure 4275 PSI 4100	³⁶ Csg. Pressure
³⁷ Choke Size 15/64”	³⁸ Oil 179	³⁹ Water 2298	⁴⁰ Gas 445		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: Katy Reddell			OIL CONSERVATION DIVISION Approved by: PATRICIA MARTINEZ		
Printed name: KATY REDDELL			Title: PETROLEUM SPECIALIST		
REGULATORY ANALYST			Approval Date: 5/18/2023		
E-mail Address: Kreddell@btaoil					
Date: 9/10/2020	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

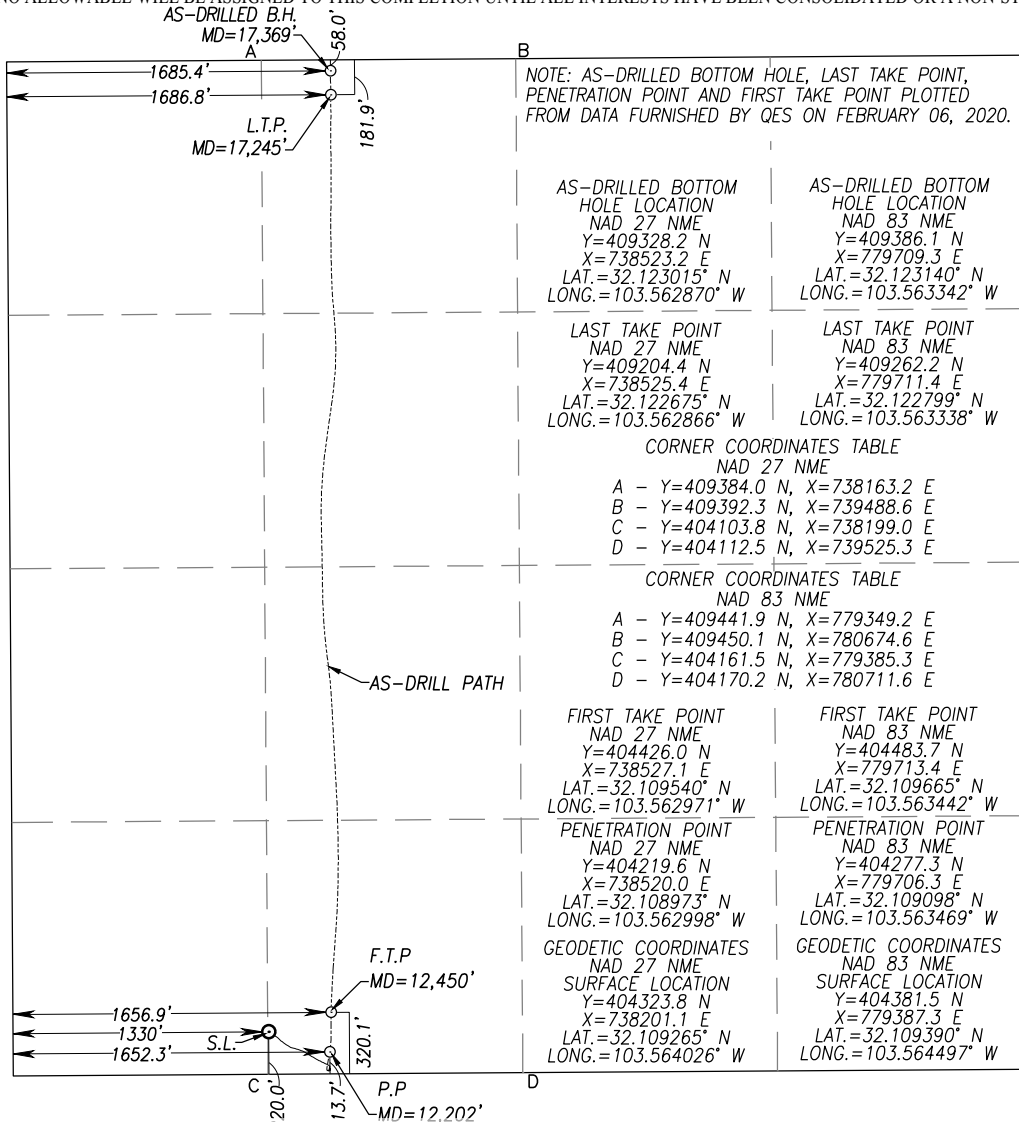
Submit one copy to appropriate
District Office

X ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT AS DRILLED PLAT

API Number 30-025-45494		Pool Code 98094		Pool Name BOBCAT DRAW - UPPER WOLFCAMP					
Property Code 322775		Property Name ROJO 7811 22 FEDERAL COM						Well Number 24H	
OGRID No. 260297		Operator Name BTA OIL PRODUCERS, LLC						Elevation 3347'	
Surface Location									
UL or lot No. N	Section 22	Township 25-S	Range 33-E	Lot Idn	Feet from the 220	North/South line SOUTH	Feet from the 1330	East/West line WEST	County LEA
Bottom Hole Location If Different From Surface									
UL or lot No. C	Section 22	Township 25-S	Range 33-E	Lot Idn	Feet from the 58	North/South line NORTH	Feet from the 1685.4	East/West line WEST	County LEA
Penetration Point Location									
UL or lot No. N	Section 22	Township 25-S	Range 33-E	Lot Idn	Feet from the 113.7	North/South line SOUTH	Feet from the 1652.3	East/West line WEST	County LEA
Dedicated Acres 160		Joint or Infill		Consolidation Code		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



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 9/10/20

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: JANUARY 10, 2017
3239
Date of Survey
Signature & Seal of Professional Surveyor:

Ronald J. Eidson 08/24/2020

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

ACK REL. W.O.:17.13.0499 JWSC W.O.: 20.13.0395



BTA Oil Producers, LLC

Lea County, NM (NAD 83)

Sec 22, T25-S, R33-E

Rojo 7811 22 Fed Com #24H

Wellbore #1

Design: Wellbore #1

Survey Report - Geographic

06 February, 2020





QES
Survey Report - Geographic



Company:	BTA Oil Producers, LLC	Local Co-ordinate Reference:	Well Rojo 7811 22 Fed Com #24H
Project:	Lea County, NM (NAD 83)	TVD Reference:	WELL @ 3372.0usft (Patterson #566)
Site:	Sec 22, T25-S, R33-E	MD Reference:	WELL @ 3372.0usft (Patterson #566)
Well:	Rojo 7811 22 Fed Com #24H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	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
From:	Map	Easting:	781,148.30 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 7' 21.790 N
		Longitude:	103° 33' 31.310 W
		Grid Convergence:	0.41 °

Well	Rojo 7811 22 Fed Com #24H		
Well Position	+N/-S	0.0 usft	Northing: 404,381.50 usft
	+E/-W	0.0 usft	Easting: 779,387.30 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 6' 33.805 N
		Longitude:	103° 33' 52.190 W
		Ground Level:	3,347.0 usft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination (°)
	HDGM2020	1/27/2020	6.57
			Dip Angle (°) 59.72
			Field Strength (nT) 47,706.20000000

Design	Wellbore #1		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.0	0.0	0.0
			Direction (°) 3.35

Survey Program	Date	2/6/2020		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
234.0	17,369.0	QES MWD Surveys (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	404,381.50	779,387.30	32° 6' 33.805 N	103° 33' 52.190 W
234.0	0.40	102.50	234.0	-0.2	0.8	404,381.32	779,388.09	32° 6' 33.803 N	103° 33' 52.180 W
First MWD Survey @ 234.0' MD / 234.0' TVD									
296.0	0.30	120.70	296.0	-0.3	1.1	404,381.19	779,388.45	32° 6' 33.801 N	103° 33' 52.176 W
357.0	0.40	102.00	357.0	-0.4	1.5	404,381.07	779,388.79	32° 6' 33.800 N	103° 33' 52.172 W
419.0	0.40	76.80	419.0	-0.4	1.9	404,381.07	779,389.21	32° 6' 33.800 N	103° 33' 52.167 W
480.0	0.60	71.90	480.0	-0.3	2.4	404,381.22	779,389.72	32° 6' 33.802 N	103° 33' 52.161 W
541.0	0.40	62.10	541.0	-0.1	2.9	404,381.42	779,390.22	32° 6' 33.804 N	103° 33' 52.156 W
603.0	0.40	2.80	603.0	0.2	3.1	404,381.74	779,390.42	32° 6' 33.807 N	103° 33' 52.153 W
664.0	0.40	325.60	664.0	0.6	3.0	404,382.12	779,390.31	32° 6' 33.810 N	103° 33' 52.154 W
725.0	0.70	298.50	725.0	1.0	2.6	404,382.48	779,389.86	32° 6' 33.814 N	103° 33' 52.160 W
824.0	1.30	292.20	824.0	1.7	1.0	404,383.19	779,388.29	32° 6' 33.821 N	103° 33' 52.178 W



QES

Survey Report - Geographic



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Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	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
911.0	1.50	298.70	910.9	2.6	-0.9	404,384.11	779,386.38	32° 6' 33.830 N	103° 33' 52.200 W
1,004.0	1.50	295.00	1,003.9	3.7	-3.1	404,385.21	779,384.21	32° 6' 33.841 N	103° 33' 52.225 W
1,108.0	0.60	291.60	1,107.9	4.5	-4.8	404,385.98	779,382.47	32° 6' 33.849 N	103° 33' 52.245 W
1,158.0	0.90	296.70	1,157.9	4.8	-5.4	404,386.26	779,381.87	32° 6' 33.852 N	103° 33' 52.252 W
1,251.0	0.60	287.20	1,250.9	5.2	-6.5	404,386.73	779,380.75	32° 6' 33.857 N	103° 33' 52.265 W
1,344.0	2.60	137.10	1,343.9	3.8	-5.6	404,385.33	779,381.72	32° 6' 33.843 N	103° 33' 52.254 W
1,437.0	6.00	116.90	1,436.6	0.1	0.2	404,381.58	779,387.50	32° 6' 33.805 N	103° 33' 52.187 W
1,530.0	6.40	119.50	1,529.0	-4.7	9.0	404,376.83	779,396.34	32° 6' 33.758 N	103° 33' 52.085 W
1,623.0	6.30	120.30	1,621.5	-9.8	18.0	404,371.70	779,405.26	32° 6' 33.706 N	103° 33' 51.981 W
1,716.0	6.20	122.40	1,713.9	-15.1	26.6	404,366.44	779,413.91	32° 6' 33.654 N	103° 33' 51.881 W
1,809.0	5.80	124.50	1,806.4	-20.4	34.7	404,361.09	779,422.02	32° 6' 33.600 N	103° 33' 51.788 W
1,902.0	5.50	128.00	1,899.0	-25.8	42.1	404,355.68	779,429.40	32° 6' 33.546 N	103° 33' 51.702 W
1,995.0	5.20	131.20	1,991.5	-31.3	48.8	404,350.16	779,436.09	32° 6' 33.491 N	103° 33' 51.625 W
2,088.0	4.70	133.30	2,084.2	-36.7	54.7	404,344.77	779,442.03	32° 6' 33.437 N	103° 33' 51.556 W
2,181.0	4.70	133.30	2,176.9	-42.0	60.3	404,339.55	779,447.58	32° 6' 33.385 N	103° 33' 51.492 W
2,275.0	4.50	129.60	2,270.6	-46.9	65.9	404,334.55	779,453.22	32° 6' 33.335 N	103° 33' 51.427 W
2,368.0	4.50	129.40	2,363.3	-51.6	71.6	404,329.91	779,458.85	32° 6' 33.289 N	103° 33' 51.362 W
2,461.0	4.30	126.80	2,456.0	-56.0	77.2	404,325.51	779,464.46	32° 6' 33.245 N	103° 33' 51.297 W
2,554.0	4.30	124.30	2,548.8	-60.0	82.8	404,321.45	779,470.13	32° 6' 33.205 N	103° 33' 51.231 W
2,647.0	4.30	123.60	2,641.5	-63.9	88.6	404,317.56	779,475.92	32° 6' 33.166 N	103° 33' 51.164 W
2,740.0	4.10	123.20	2,734.3	-67.7	94.3	404,313.81	779,481.60	32° 6' 33.128 N	103° 33' 51.099 W
2,833.0	4.10	122.70	2,827.0	-71.3	99.9	404,310.19	779,487.18	32° 6' 33.092 N	103° 33' 51.034 W
2,926.0	3.80	122.20	2,919.8	-74.7	105.3	404,306.76	779,492.59	32° 6' 33.057 N	103° 33' 50.972 W
3,019.0	3.80	118.50	3,012.6	-77.9	110.6	404,303.64	779,497.91	32° 6' 33.026 N	103° 33' 50.910 W
3,112.0	3.80	112.50	3,105.4	-80.5	116.2	404,300.99	779,503.46	32° 6' 33.000 N	103° 33' 50.846 W
3,206.0	4.20	106.20	3,199.2	-82.7	122.3	404,298.84	779,509.64	32° 6' 32.978 N	103° 33' 50.774 W
3,299.0	4.50	99.50	3,291.9	-84.2	129.2	404,297.29	779,516.51	32° 6' 32.962 N	103° 33' 50.694 W
3,392.0	5.30	107.60	3,384.5	-86.1	136.9	404,295.39	779,524.21	32° 6' 32.943 N	103° 33' 50.605 W
3,485.0	5.40	109.50	3,477.1	-88.9	145.1	404,292.63	779,532.42	32° 6' 32.915 N	103° 33' 50.510 W
3,579.0	5.40	107.90	3,570.7	-91.7	153.5	404,289.79	779,540.80	32° 6' 32.886 N	103° 33' 50.412 W
3,672.0	5.50	109.20	3,663.3	-94.5	161.9	404,286.98	779,549.18	32° 6' 32.858 N	103° 33' 50.315 W
3,765.0	5.10	109.20	3,755.9	-97.3	170.0	404,284.16	779,557.29	32° 6' 32.829 N	103° 33' 50.221 W
3,858.0	4.60	108.30	3,848.6	-99.9	177.4	404,281.63	779,564.73	32° 6' 32.804 N	103° 33' 50.135 W
3,951.0	4.10	108.80	3,941.3	-102.1	184.1	404,279.38	779,571.42	32° 6' 32.781 N	103° 33' 50.057 W
4,044.0	5.00	127.50	4,034.0	-105.7	190.5	404,275.85	779,577.78	32° 6' 32.746 N	103° 33' 49.984 W
4,137.0	4.70	128.20	4,126.7	-110.5	196.7	404,271.02	779,583.99	32° 6' 32.697 N	103° 33' 49.912 W
4,230.0	4.80	122.00	4,219.4	-114.9	203.0	404,266.60	779,590.29	32° 6' 32.653 N	103° 33' 49.839 W
4,324.0	5.20	121.30	4,313.0	-119.2	210.0	404,262.31	779,597.26	32° 6' 32.610 N	103° 33' 49.758 W
4,417.0	4.90	117.80	4,405.6	-123.2	217.1	404,258.26	779,604.38	32° 6' 32.570 N	103° 33' 49.676 W
4,510.0	5.50	117.30	4,498.3	-127.1	224.6	404,254.37	779,611.85	32° 6' 32.531 N	103° 33' 49.589 W
4,603.0	6.20	120.60	4,590.8	-131.7	232.8	404,249.77	779,620.13	32° 6' 32.485 N	103° 33' 49.493 W
4,696.0	6.90	121.30	4,683.2	-137.2	241.9	404,244.31	779,629.23	32° 6' 32.430 N	103° 33' 49.388 W
4,790.0	4.90	120.80	4,776.7	-142.2	250.2	404,239.32	779,637.50	32° 6' 32.380 N	103° 33' 49.292 W
4,883.0	4.50	118.30	4,869.4	-145.9	256.8	404,235.56	779,644.13	32° 6' 32.342 N	103° 33' 49.216 W
4,976.0	3.70	116.90	4,962.1	-149.0	262.7	404,232.47	779,650.02	32° 6' 32.311 N	103° 33' 49.147 W
5,069.0	3.80	115.00	5,054.9	-151.7	268.2	404,229.81	779,655.49	32° 6' 32.285 N	103° 33' 49.084 W
5,162.0	3.70	115.00	5,147.7	-154.3	273.7	404,227.24	779,661.00	32° 6' 32.259 N	103° 33' 49.020 W
5,255.0	4.00	114.50	5,240.5	-156.9	279.4	404,224.62	779,666.67	32° 6' 32.232 N	103° 33' 48.955 W
5,348.0	4.00	115.30	5,333.3	-159.6	285.3	404,221.89	779,672.55	32° 6' 32.205 N	103° 33' 48.886 W
5,441.0	4.00	116.90	5,426.1	-162.5	291.1	404,219.04	779,678.38	32° 6' 32.176 N	103° 33' 48.819 W
5,534.0	3.70	119.00	5,518.8	-165.4	296.6	404,216.12	779,683.90	32° 6' 32.147 N	103° 33' 48.755 W
5,627.0	3.50	113.90	5,611.7	-168.0	301.8	404,213.51	779,689.12	32° 6' 32.121 N	103° 33' 48.694 W
5,721.0	3.50	116.90	5,705.5	-170.4	307.0	404,211.05	779,694.30	32° 6' 32.096 N	103° 33' 48.634 W
5,814.0	3.70	115.90	5,798.3	-173.0	312.2	404,208.46	779,699.53	32° 6' 32.070 N	103° 33' 48.574 W
5,907.0	2.00	133.60	5,891.2	-175.5	316.1	404,206.03	779,703.40	32° 6' 32.046 N	103° 33' 48.529 W



QES

Survey Report - Geographic



Company:	BTA Oil Producers, LLC	Local Co-ordinate Reference:	Well Rojo 7811 22 Fed Com #24H
Project:	Lea County, NM (NAD 83)	TVD Reference:	WELL @ 3372.0usft (Patterson #566)
Site:	Sec 22, T25-S, R33-E	MD Reference:	WELL @ 3372.0usft (Patterson #566)
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Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	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
6,000.0	1.80	143.60	5,984.1	-177.8	318.1	404,203.73	779,705.45	32° 6' 32.023 N	103° 33' 48.505 W
6,093.0	1.40	154.50	6,077.1	-180.0	319.5	404,201.53	779,706.80	32° 6' 32.001 N	103° 33' 48.490 W
6,186.0	1.50	149.30	6,170.1	-182.0	320.6	404,199.46	779,707.91	32° 6' 31.981 N	103° 33' 48.477 W
6,279.0	0.40	240.70	6,263.1	-183.2	321.0	404,198.25	779,708.25	32° 6' 31.969 N	103° 33' 48.473 W
6,372.0	0.60	252.30	6,356.1	-183.6	320.2	404,197.95	779,707.50	32° 6' 31.966 N	103° 33' 48.482 W
6,465.0	0.60	268.80	6,449.1	-183.7	319.3	404,197.79	779,706.55	32° 6' 31.964 N	103° 33' 48.493 W
6,558.0	0.60	259.10	6,542.0	-183.8	318.3	404,197.69	779,705.59	32° 6' 31.963 N	103° 33' 48.504 W
6,652.0	0.70	260.70	6,636.0	-184.0	317.2	404,197.50	779,704.54	32° 6' 31.961 N	103° 33' 48.517 W
6,745.0	1.10	167.00	6,729.0	-185.0	316.9	404,196.54	779,704.18	32° 6' 31.952 N	103° 33' 48.521 W
6,838.0	1.60	173.70	6,822.0	-187.1	317.2	404,194.38	779,704.52	32° 6' 31.930 N	103° 33' 48.517 W
6,931.0	0.70	118.00	6,915.0	-188.7	317.9	404,192.82	779,705.17	32° 6' 31.915 N	103° 33' 48.510 W
7,024.0	0.70	105.80	7,008.0	-189.1	318.9	404,192.40	779,706.21	32° 6' 31.911 N	103° 33' 48.497 W
7,117.0	0.60	115.00	7,101.0	-189.5	319.9	404,192.04	779,707.20	32° 6' 31.907 N	103° 33' 48.486 W
7,210.0	0.60	125.70	7,194.0	-190.0	320.7	404,191.55	779,708.04	32° 6' 31.902 N	103° 33' 48.476 W
7,304.0	0.60	149.80	7,288.0	-190.7	321.4	404,190.84	779,708.69	32° 6' 31.895 N	103° 33' 48.469 W
7,397.0	0.60	156.80	7,381.0	-191.5	321.8	404,189.97	779,709.12	32° 6' 31.887 N	103° 33' 48.464 W
7,490.0	0.50	176.00	7,474.0	-192.4	322.0	404,189.12	779,709.34	32° 6' 31.878 N	103° 33' 48.461 W
7,583.0	0.70	199.90	7,567.0	-193.3	321.9	404,188.18	779,709.18	32° 6' 31.869 N	103° 33' 48.463 W
7,670.0	0.90	221.00	7,653.9	-194.3	321.3	404,187.16	779,708.55	32° 6' 31.859 N	103° 33' 48.471 W
7,763.0	1.00	218.30	7,746.9	-195.5	320.3	404,185.97	779,707.57	32° 6' 31.847 N	103° 33' 48.482 W
7,856.0	1.00	227.50	7,839.9	-196.7	319.2	404,184.79	779,706.47	32° 6' 31.835 N	103° 33' 48.495 W
7,949.0	1.00	211.50	7,932.9	-198.0	318.1	404,183.55	779,705.44	32° 6' 31.823 N	103° 33' 48.507 W
8,042.0	1.00	211.00	8,025.9	-199.3	317.3	404,182.16	779,704.60	32° 6' 31.810 N	103° 33' 48.517 W
8,135.0	1.10	211.80	8,118.9	-200.8	316.4	404,180.71	779,703.71	32° 6' 31.795 N	103° 33' 48.527 W
8,228.0	0.70	325.60	8,211.9	-201.1	315.6	404,180.42	779,702.92	32° 6' 31.792 N	103° 33' 48.537 W
8,321.0	0.80	321.90	8,304.9	-200.1	314.9	404,181.40	779,702.20	32° 6' 31.802 N	103° 33' 48.545 W
8,414.0	1.10	22.50	8,397.8	-198.8	314.8	404,182.73	779,702.14	32° 6' 31.815 N	103° 33' 48.546 W
8,507.0	1.30	30.30	8,490.8	-197.0	315.7	404,184.47	779,703.01	32° 6' 31.833 N	103° 33' 48.535 W
8,600.0	1.30	40.10	8,583.8	-195.3	316.9	404,186.18	779,704.23	32° 6' 31.849 N	103° 33' 48.521 W
8,693.0	1.10	38.90	8,676.8	-193.8	318.2	404,187.69	779,705.47	32° 6' 31.864 N	103° 33' 48.507 W
8,786.0	0.70	31.80	8,769.8	-192.6	319.0	404,188.86	779,706.33	32° 6' 31.876 N	103° 33' 48.496 W
8,879.0	0.60	13.20	8,862.8	-191.7	319.4	404,189.82	779,706.74	32° 6' 31.885 N	103° 33' 48.492 W
8,973.0	0.40	10.60	8,956.8	-190.9	319.6	404,190.62	779,706.91	32° 6' 31.893 N	103° 33' 48.490 W
9,066.0	0.90	135.00	9,049.8	-191.1	320.2	404,190.42	779,707.49	32° 6' 31.891 N	103° 33' 48.483 W
9,159.0	1.10	172.30	9,142.7	-192.5	320.8	404,189.02	779,708.12	32° 6' 31.877 N	103° 33' 48.476 W
9,252.0	0.70	205.20	9,235.7	-193.9	320.7	404,187.62	779,708.00	32° 6' 31.863 N	103° 33' 48.477 W
9,345.0	1.30	226.80	9,328.7	-195.1	319.7	404,186.39	779,706.99	32° 6' 31.851 N	103° 33' 48.489 W
9,438.0	1.10	229.80	9,421.7	-196.4	318.2	404,185.09	779,705.54	32° 6' 31.839 N	103° 33' 48.506 W
9,531.0	0.70	199.90	9,514.7	-197.5	317.4	404,183.98	779,704.66	32° 6' 31.828 N	103° 33' 48.516 W
9,624.0	0.20	218.00	9,607.7	-198.2	317.1	404,183.32	779,704.37	32° 6' 31.821 N	103° 33' 48.520 W
9,717.0	0.40	40.30	9,700.7	-198.1	317.2	404,183.44	779,704.48	32° 6' 31.822 N	103° 33' 48.518 W
9,810.0	0.40	70.20	9,793.7	-197.7	317.7	404,183.80	779,704.99	32° 6' 31.826 N	103° 33' 48.512 W
9,904.0	0.40	331.00	9,887.7	-197.3	317.8	404,184.19	779,705.14	32° 6' 31.830 N	103° 33' 48.511 W
9,997.0	1.00	272.50	9,980.7	-197.0	316.9	404,184.51	779,704.18	32° 6' 31.833 N	103° 33' 48.522 W
10,090.0	1.00	345.10	10,073.7	-196.2	315.9	404,185.33	779,703.16	32° 6' 31.841 N	103° 33' 48.534 W
10,182.0	1.00	343.10	10,165.6	-194.6	315.4	404,186.88	779,702.72	32° 6' 31.856 N	103° 33' 48.539 W
10,276.0	1.10	32.40	10,259.6	-193.1	315.7	404,188.42	779,702.96	32° 6' 31.872 N	103° 33' 48.536 W
10,369.0	0.60	30.80	10,352.6	-191.9	316.4	404,189.59	779,703.69	32° 6' 31.883 N	103° 33' 48.527 W
10,463.0	0.30	337.50	10,446.6	-191.3	316.5	404,190.24	779,703.85	32° 6' 31.890 N	103° 33' 48.525 W
10,556.0	0.40	88.30	10,539.6	-191.0	316.8	404,190.48	779,704.08	32° 6' 31.892 N	103° 33' 48.522 W
10,649.0	0.60	118.50	10,632.6	-191.2	317.5	404,190.26	779,704.83	32° 6' 31.890 N	103° 33' 48.514 W
10,743.0	1.10	159.80	10,726.6	-192.3	318.3	404,189.18	779,705.58	32° 6' 31.879 N	103° 33' 48.505 W
10,836.0	1.10	190.40	10,819.6	-194.0	318.4	404,187.46	779,705.72	32° 6' 31.862 N	103° 33' 48.504 W
10,929.0	0.40	164.90	10,912.6	-195.2	318.3	404,186.27	779,705.65	32° 6' 31.850 N	103° 33' 48.505 W
11,023.0	0.40	114.10	11,006.6	-195.7	318.7	404,185.82	779,706.03	32° 6' 31.846 N	103° 33' 48.500 W



QES

Survey Report - Geographic



Company:	BTA Oil Producers, LLC	Local Co-ordinate Reference:	Well Rojo 7811 22 Fed Com #24H
Project:	Lea County, NM (NAD 83)	TVD Reference:	WELL @ 3372.0usft (Patterson #566)
Site:	Sec 22, T25-S, R33-E	MD Reference:	WELL @ 3372.0usft (Patterson #566)
Well:	Rojo 7811 22 Fed Com #24H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	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
11,116.0	1.30	113.70	11,099.6	-196.2	320.0	404,185.26	779,707.29	32° 6' 31.840 N	103° 33' 48.485 W
11,209.0	1.70	139.60	11,192.5	-197.7	321.9	404,183.79	779,709.15	32° 6' 31.825 N	103° 33' 48.464 W
11,302.0	0.20	145.00	11,285.5	-198.9	322.8	404,182.60	779,710.14	32° 6' 31.814 N	103° 33' 48.453 W
11,395.0	1.80	234.50	11,378.5	-199.9	321.7	404,181.62	779,709.04	32° 6' 31.804 N	103° 33' 48.465 W
11,488.0	3.40	242.80	11,471.4	-202.0	318.1	404,179.51	779,705.40	32° 6' 31.783 N	103° 33' 48.508 W
11,581.0	1.80	277.20	11,564.3	-203.1	314.2	404,178.43	779,701.50	32° 6' 31.773 N	103° 33' 48.553 W
11,674.0	2.00	295.90	11,657.3	-202.2	311.3	404,179.33	779,698.59	32° 6' 31.782 N	103° 33' 48.587 W
11,767.0	2.20	297.30	11,750.2	-200.6	308.2	404,180.85	779,695.54	32° 6' 31.797 N	103° 33' 48.622 W
11,789.0	2.10	289.40	11,772.2	-200.3	307.5	404,181.18	779,694.79	32° 6' 31.801 N	103° 33' 48.631 W
11,852.0	2.20	279.70	11,835.1	-199.7	305.2	404,181.77	779,692.51	32° 6' 31.807 N	103° 33' 48.658 W
11,909.0	2.60	310.80	11,892.1	-198.7	303.2	404,182.80	779,690.45	32° 6' 31.817 N	103° 33' 48.681 W
12,004.0	11.80	12.10	11,986.3	-187.8	303.6	404,193.74	779,690.86	32° 6' 31.925 N	103° 33' 48.676 W
12,098.0	24.50	10.60	12,075.5	-159.1	309.2	404,222.41	779,696.48	32° 6' 32.208 N	103° 33' 48.608 W
12,193.0	38.30	10.60	12,156.4	-110.6	318.3	404,270.94	779,705.56	32° 6' 32.688 N	103° 33' 48.498 W
12,288.0	52.80	3.50	12,222.7	-43.5	326.0	404,338.05	779,713.34	32° 6' 33.352 N	103° 33' 48.403 W
12,383.0	67.50	357.40	12,269.9	38.7	326.4	404,420.16	779,713.66	32° 6' 34.164 N	103° 33' 48.392 W
12,460.8	74.45	1.28	12,295.3	112.1	325.6	404,493.64	779,712.86	32° 6' 34.891 N	103° 33' 48.395 W
Cross 330' FSL@ 12460.8' MD / 12295.3' TVD									
12,478.0	76.00	2.10	12,299.7	128.8	326.1	404,510.27	779,713.35	32° 6' 35.056 N	103° 33' 48.388 W
12,573.0	86.60	3.20	12,314.0	222.4	330.4	404,603.94	779,717.70	32° 6' 35.982 N	103° 33' 48.330 W
12,668.0	88.80	3.70	12,317.8	317.2	336.1	404,698.68	779,723.41	32° 6' 36.919 N	103° 33' 48.255 W
12,695.0	88.80	3.50	12,318.4	344.1	337.8	404,725.62	779,725.11	32° 6' 37.186 N	103° 33' 48.233 W
12,789.0	89.10	4.10	12,320.1	437.9	344.0	404,819.40	779,731.34	32° 6' 38.113 N	103° 33' 48.153 W
12,884.0	88.20	4.10	12,322.4	532.6	350.8	404,914.13	779,738.13	32° 6' 39.050 N	103° 33' 48.066 W
12,978.0	87.70	3.00	12,325.7	626.4	356.6	405,007.89	779,743.95	32° 6' 39.978 N	103° 33' 47.991 W
13,073.0	87.10	1.90	12,330.0	721.2	360.7	405,102.70	779,748.00	32° 6' 40.916 N	103° 33' 47.936 W
13,167.0	86.00	0.70	12,335.7	815.0	362.8	405,196.50	779,750.13	32° 6' 41.844 N	103° 33' 47.903 W
13,262.0	86.40	359.80	12,342.0	909.8	363.2	405,291.29	779,750.54	32° 6' 42.782 N	103° 33' 47.891 W
13,357.0	87.20	358.80	12,347.3	1,004.6	362.1	405,386.14	779,749.39	32° 6' 43.720 N	103° 33' 47.896 W
13,452.0	91.50	358.20	12,348.4	1,099.6	359.6	405,481.07	779,746.90	32° 6' 44.660 N	103° 33' 47.917 W
13,546.0	91.00	357.90	12,346.3	1,193.5	356.4	405,575.00	779,743.70	32° 6' 45.589 N	103° 33' 47.947 W
13,641.0	90.60	356.70	12,345.0	1,288.4	351.9	405,669.88	779,739.23	32° 6' 46.529 N	103° 33' 47.991 W
13,736.0	91.00	356.80	12,343.7	1,383.2	346.5	405,764.72	779,733.84	32° 6' 47.467 N	103° 33' 48.046 W
13,831.0	90.90	357.20	12,342.1	1,478.1	341.6	405,859.57	779,728.87	32° 6' 48.406 N	103° 33' 48.096 W
13,926.0	89.00	356.80	12,342.2	1,572.9	336.6	405,954.44	779,723.90	32° 6' 49.346 N	103° 33' 48.145 W
14,021.0	89.80	357.20	12,343.2	1,667.8	331.6	406,049.30	779,718.93	32° 6' 50.285 N	103° 33' 48.195 W
14,115.0	89.40	356.10	12,343.8	1,761.6	326.1	406,143.14	779,713.43	32° 6' 51.214 N	103° 33' 48.251 W
14,210.0	88.20	354.00	12,345.8	1,856.3	317.9	406,237.76	779,705.24	32° 6' 52.150 N	103° 33' 48.339 W
14,305.0	87.10	351.90	12,349.7	1,950.5	306.3	406,331.95	779,693.59	32° 6' 53.083 N	103° 33' 48.467 W
14,400.0	89.20	354.40	12,352.8	2,044.7	295.0	406,426.21	779,682.27	32° 6' 54.017 N	103° 33' 48.590 W
14,495.0	88.90	356.30	12,354.3	2,139.4	287.3	406,520.88	779,674.57	32° 6' 54.954 N	103° 33' 48.672 W
14,591.0	88.90	358.60	12,356.2	2,235.3	283.0	406,616.76	779,670.30	32° 6' 55.903 N	103° 33' 48.714 W
14,686.0	89.30	359.00	12,357.7	2,330.2	281.0	406,711.73	779,668.31	32° 6' 56.843 N	103° 33' 48.729 W
14,781.0	89.90	359.30	12,358.3	2,425.2	279.6	406,806.72	779,666.90	32° 6' 57.783 N	103° 33' 48.737 W
14,875.0	89.30	358.80	12,359.0	2,519.2	278.0	406,900.70	779,665.34	32° 6' 58.713 N	103° 33' 48.748 W
14,971.0	90.00	358.40	12,359.6	2,615.2	275.7	406,996.67	779,663.00	32° 6' 59.663 N	103° 33' 48.767 W
15,066.0	90.70	359.50	12,359.0	2,710.2	274.0	407,091.65	779,661.26	32° 7' 0.603 N	103° 33' 48.779 W
15,161.0	92.60	2.30	12,356.3	2,805.1	275.4	407,186.59	779,662.75	32° 7' 1.542 N	103° 33' 48.754 W
15,256.0	92.00	5.10	12,352.5	2,899.8	281.6	407,281.30	779,668.87	32° 7' 2.479 N	103° 33' 48.675 W
15,351.0	90.50	6.50	12,350.4	2,994.3	291.2	407,375.79	779,678.47	32° 7' 3.413 N	103° 33' 48.556 W
15,446.0	88.50	7.90	12,351.2	3,088.5	303.1	407,470.03	779,690.37	32° 7' 4.345 N	103° 33' 48.409 W
15,540.0	88.40	8.30	12,353.8	3,181.6	316.3	407,563.06	779,703.61	32° 7' 5.265 N	103° 33' 48.248 W
15,635.0	86.90	7.90	12,357.7	3,275.5	329.7	407,657.03	779,716.99	32° 7' 6.194 N	103° 33' 48.084 W
15,730.0	85.50	5.80	12,364.0	3,369.6	341.0	407,751.13	779,728.29	32° 7' 7.124 N	103° 33' 47.945 W
15,824.0	83.40	3.20	12,373.0	3,462.9	348.3	407,844.39	779,735.64	32° 7' 8.046 N	103° 33' 47.852 W



QES
Survey Report - Geographic



Company:	BTA Oil Producers, LLC	Local Co-ordinate Reference:	Well Rojo 7811 22 Fed Com #24H
Project:	Lea County, NM (NAD 83)	TVD Reference:	WELL @ 3372.0usft (Patterson #566)
Site:	Sec 22, T25-S, R33-E	MD Reference:	WELL @ 3372.0usft (Patterson #566)
Well:	Rojo 7811 22 Fed Com #24H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	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
15,919.0	83.70	359.80	12,383.7	3,557.2	350.8	407,938.74	779,738.11	32° 7' 8.980 N	103° 33' 47.815 W
16,015.0	85.70	356.50	12,392.6	3,652.8	347.7	408,034.26	779,735.02	32° 7' 9.925 N	103° 33' 47.843 W
16,110.0	89.90	354.20	12,396.2	3,747.4	340.0	408,128.85	779,727.32	32° 7' 10.862 N	103° 33' 47.925 W
16,204.0	89.80	356.50	12,396.5	3,841.0	332.4	408,222.54	779,719.70	32° 7' 11.789 N	103° 33' 48.006 W
16,300.0	89.30	358.40	12,397.2	3,936.9	328.1	408,318.43	779,715.43	32° 7' 12.739 N	103° 33' 48.048 W
16,369.0	90.50	359.00	12,397.4	4,005.9	326.6	408,387.41	779,713.87	32° 7' 13.421 N	103° 33' 48.060 W
16,464.0	91.00	359.10	12,396.1	4,100.9	325.0	408,482.39	779,712.29	32° 7' 14.361 N	103° 33' 48.070 W
16,559.0	91.80	0.20	12,393.8	4,195.9	324.4	408,577.36	779,711.71	32° 7' 15.301 N	103° 33' 48.069 W
16,654.0	92.80	0.20	12,390.0	4,290.8	324.7	408,672.28	779,712.04	32° 7' 16.240 N	103° 33' 48.058 W
16,748.0	91.80	359.80	12,386.2	4,384.7	324.7	408,766.21	779,712.04	32° 7' 17.170 N	103° 33' 48.050 W
16,843.0	91.60	0.20	12,383.4	4,479.7	324.7	408,861.16	779,712.04	32° 7' 18.109 N	103° 33' 48.042 W
16,938.0	89.80	359.80	12,382.2	4,574.7	324.7	408,956.15	779,712.04	32° 7' 19.049 N	103° 33' 48.034 W
17,033.0	90.00	359.80	12,382.4	4,669.7	324.4	409,051.15	779,711.71	32° 7' 19.989 N	103° 33' 48.030 W
17,095.9	90.47	0.40	12,382.1	4,732.6	324.5	409,114.05	779,711.82	32° 7' 20.612 N	103° 33' 48.023 W
Cross 330' FNL@ 17095.9' MD / 12382.1' TVD									
17,127.0	90.70	0.70	12,381.8	4,763.6	324.8	409,145.15	779,712.12	32° 7' 20.919 N	103° 33' 48.017 W
17,222.0	87.70	359.00	12,383.1	4,858.6	324.6	409,240.12	779,711.87	32° 7' 21.859 N	103° 33' 48.012 W
17,317.0	87.80	359.00	12,386.9	4,953.5	322.9	409,335.04	779,710.22	32° 7' 22.799 N	103° 33' 48.024 W
17,369.0	87.80	359.00	12,388.9	5,005.5	322.0	409,386.99	779,709.31	32° 7' 23.313 N	103° 33' 48.030 W
TD @ 17369.0' MD / 12388.9' TVD									

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
234.0	234.0	-0.2	0.8	First MWD Survey @ 234.0' MD / 234.0' TVD	
12,460.8	12,295.3	112.1	325.6	Cross 330' FSL@ 12460.8' MD / 12295.3' TVD	
17,095.9	12,382.1	4,732.6	324.5	Cross 330' FNL@ 17095.9' MD / 12382.1' TVD	
17,369.0	12,388.9	5,005.5	322.0	TD @ 17369.0' MD / 12388.9' TVD	

Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Form 3160-5
(June 2015)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use form 3160-3 (APD) for such proposals.5. Lease Serial No.
NMNM15091

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
ROJO 7811 22 FEDERAL COM 24H9. API Well No.
30-025-45494-00-X110. Field and Pool or Exploratory Area
BOBCAT DRAW-UPR WOLFCAMP

11. County or Parish, State

LEA COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
BTA OIL PRODUCERSContact: KATY REDDELL
E-Mail: kreddell@btaoil.com3a. Address
104 SOUTH PECOS STREET
MIDLAND, TX 797013b. Phone No. (include area code)
Ph: 432-682-3753 Ext: 139

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 22 T25S R33E SESW 220FSL 1330FWL
32.109390 N Lat, 103.564499 W Lon

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off	
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity	
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other	
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Hydraulic Fracture	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

TD @17,369' REACHED: 2/06/2020.

7/20/2020 THRU 7/27/2020:

PERFORATE AND FRAC UPPER WOLFCAMP: 12,450'-17,245' WITH 251456 TOTAL FLUID.

11,490,920 100 MESH SAND.

8/10/2020: COMPLETE DRILLOUT.

8/20/2020: START FLOWING BACK AND TESTING.

2 7/8" 6.4# TUBING @ 10,007'. ASIX PACKER @ 10,002'.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #529555 verified by the BLM Well Information System**For BTA OIL PRODUCERS, sent to the Hobbs****Committed to AFMSS for processing by PRISCILLA PEREZ on 09/11/2020 (20PP3648SE)**

Name (Printed/Typed) KATY REDDELL

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 09/10/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTEDJONATHON SHEPARD
Title PETROELUM ENGINEER

Date 09/16/2020

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Hobbs

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.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Revisions to Operator-Submitted EC Data for Sundry Notice #529555

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	HF NOI	HF SR
Lease:	NMNM15091	NMNM15091
Agreement:		
Operator:	BTA OIL PRODUCERS, LLC 104 S. PECOS MIDLAND, TX 79701 Ph: 432-682-3753	BTA OIL PRODUCERS 104 SOUTH PECOS STREET MIDLAND, TX 79701 Ph: 432.682.3753 Fx: 432.683.0325
Admin Contact:	KATY REDDELL REGULATORY ANALYST E-Mail: kreddell@btaoil.com Ph: 432-682-3753	KATY REDDELL REGULATORY ANALYST E-Mail: kreddell@btaoil.com Ph: 432-682-3753 Ext: 139
Tech Contact:	KATY REDDELL REGULATORY ANALYST E-Mail: kreddell@btaoil.com Ph: 432-682-3753	KATY REDDELL REGULATORY ANALYST E-Mail: kreddell@btaoil.com Ph: 432-682-3753 Ext: 139
Location:		
State:	NM	NM
County:	LEA	LEA
Field/Pool:	BOBCAT DRAW; UPPER WOLF	BOBCAT DRAW-UPR WOLFCAMP
Well/Facility:	ROJO 7811 22 FEDERAL COM 24H Sec 22 T25S R33E SESW 220FNL 1330FWL 32.109390 N Lat, 103.564499 W Lon	ROJO 7811 22 FEDERAL COM 24H Sec 22 T25S R33E SESW 220FSL 1330FWL 32.109390 N Lat, 103.564499 W Lon

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other			5. Lease Serial No. NMNM15091		
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator BTA OIL PRODUCERS			Contact: KATY REDDELL E-Mail: kreddell@btaoil.com		
3. Address 104 SOUTH PECOS STREET MIDLAND, TX 79701			3a. Phone No. (include area code) Ph: 432-682-3753 Ext: 139		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SESW 220FSL 1330FWL 32.109390 N Lat, 103.564499 W Lon At top prod interval reported below SWSW 330FSL 990FWL 32.109692 N Lat, 103.563438 W Lon At total depth NENW 50FNL 1657FEL 32.123161 N Lat, 103.563431 W Lon			8. Lease Name and Well No. ROJO 7811 22 FEDERAL COM 24H		
14. Date Spudded 12/10/2020 12/10/2019			15. Date T.D. Reached 02/06/2020		
16. Date Completed ☐ D & A ☐ Ready to Prod. 08/20/2020			9. API Well No. 30-025-45494-00-S1		
18. Total Depth: MD 17369 TVD 12398			19. Plug Back T.D.: MD 17339 TVD		
20. Depth Bridge Plug Set: MD TVD			10. Field and Pool, or Exploratory BOBCAT DRAW-UPR WOLFCAMP		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MWDGAMMARAY			11. Sec., T., R., M., or Block and Survey or Area Sec 22 T25S R33E Mer NMP		
22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☐ No ☒ Yes (Submit analysis)			12. County or Parish LEA		
23. Casing and Liner Record (Report all strings set in well)			13. State NM		
17. Elevations (DF, KB, RT, GL)* 3347 GL					

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14.750	10.750 J-55	40.5		1128		760		0	
9.875	7.625 P-110	29.7		11842		505		0	
8.750	7.625 P-110	29.7		11842		1065		0	
6.750	5.000 P-110	18.0		17364		1275		0	
6.750	5.500 P-110	20.0		17364		1275		0	

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	10007	10002						

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	12202		12450 TO 17245			PERF AND FRAC COMPLETE
B)						
C)						
D)						

Depth Interval	Amount and Type of Material
12450 TO 17245	251456 TOTAL FLUID. 11,490,920 100 MESH SAND.

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/20/2020	08/21/2020	24	→	179.0	445.0	2298.0	45.0		FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
15/64	SI		→	179	445	2298		POW	

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #529674 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(*Sold, used for fuel, vented, etc.*)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
WOLFCAMP	12202			RUSTLER TOP SALT BASE OF SALT DELAWARE BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING LIME	2595 2693 4699 4949 5189 6277 7535 9073

32. Additional remarks (include plugging procedure):
FIRST BONESPRING SAND:10088
SECOND BONESPRING SAND: 10633
THIRD BONESPRING CARBONATE: 11073
THIRD BONESPRING SAND: 11725
WOLFCAMP: 12202

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7 Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #529674 Verified by the BLM Well Information System.

For BTA OIL PRODUCERS, sent to the Hobbs

Committed to AFMSS for processing by CHRISTOPHER WALLS on 12/31/2020 (21CRW0005SE)

Name (*please print*) KATY REDDELL

Title REGULATORY ANALYST

Signature _____ (Electronic Submission)

Date 09/11/2020

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Revisions to Operator-Submitted EC Data for Well Completion #529674

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM15091	NMNM15091
Agreement:		
Operator:	BTA OIL PRODUCERS, LLC 104 S. PECOS MIDLAND, TX 79701 Ph: 432-682-3753	BTA OIL PRODUCERS 104 SOUTH PECOS STREET MIDLAND, TX 79701 Ph: 432.682.3753
Admin Contact:	KATY REDDELL REGULATORY ANALYST E-Mail: kreddell@btaoil.com Ph: 432-682-3753 Ext: 139	KATY REDDELL REGULATORY ANALYST E-Mail: kreddell@btaoil.com Ph: 432-682-3753 Ext: 139
Tech Contact:	KATY REDDELL REGULATORY ANALYST E-Mail: kreddell@btaoil.com Ph: 432-682-3753 Ext: 139	KATY REDDELL REGULATORY ANALYST E-Mail: kreddell@btaoil.com Ph: 432-682-3753 Ext: 139
Well Name: Number:	ROJO 7811 22 FEDERAL COM 24H	ROJO 7811 22 FEDERAL COM 24H
Location:		
State:	NM	NM
County:	LEA	LEA
S/T/R:	Sec 22 T25S R33E Mer	Sec 22 T25S R33E Mer NMP
Surf Loc:	Lot N 220FSL 1300FWL 32.109390 N Lat, 103.564497 W Lon	Lot N 220FSL 1330FWL 32.109390 N Lat, 103.564499 W Lon
Field/Pool:	BOBCAT DRAW; UPPER WOLF	BOBCAT DRAW-UPR WOLFCAMP
Logs Run:	MWD GAMMA RAY	MWDGAMMARAY
Producing Intervals - Formations:	WOLFCAMP	WOLFCAMP
Porous Zones:	WOLFCAMP	WOLFCAMP
Markers:	RUSTLER TOP SALT BASE SALT DELAWARE BELL CANYON CHERRY CANYON BRUSHY CANYON BONESPRING LIME	RUSTLER TOP SALT BASE OF SALT DELAWARE BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING LIME

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 201677

ACKNOWLEDGMENTS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 201677
	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.

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 201677

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 201677
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	5/18/2023