

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

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

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		² OGRID Number 260297	
		³ Reason for Filing Code/ Effective Date NEW WELL	
⁴ API Number 30 – 025-48548	⁵ Pool Name OJO CHISO; BONE SPRING, SOUTH		⁶ Pool Code 97293
⁷ Property Code 327076	⁸ Property Name SOUTH RIDGE 8030 2-11 STATE COM		⁹ Well Number 5H

II. ¹⁰ Surface Location

UL or lot no. 3	Section 2	Township 23S	Range 34E	Lot Idn	Feet from the 518’	North/South Line NORTH	Feet from the 1726	East/West line WEST	County LEA
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¹¹ Bottom Hole Location

UL or lot no. M	Section 11	Township 23S	Range 34E	Lot Idn	Feet from the 60.6	North/South line SOUTH	Feet from the 1172.7	East/West line WEST	County LEA
¹² Lse Code F	¹³ Producing Method Code FLOWING		¹⁴ Gas Connection Date 03/07/2022		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date

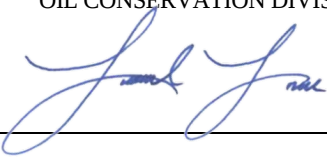
III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
195739	PLAINS PIPELINE, L.P.	O
24650	TARGA MIDSTREAM SERVICES LLC	G

IV. Well Completion Data

²¹ Spud Date 11/12/2021	²² Ready Date 03/07/2022	²³ TD 18,522’	²⁴ PBTD 18,514	²⁵ Perforations 10,760’-18,475’	²⁶ DHC, MC	
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set		³⁰ Sacks Cement
17 ½”		13 3/8”		1,757’		915
12 ¼”		9 5/8”		5,508’		1,415
8 ¾”		5 ½”		18,516’		2,465

V. Well Test Data

³¹ Date New Oil 03/07/2022	³² Gas Delivery Date 03/07/2022	³³ Test Date 03/14/2022	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure 300 psi	³⁶ Csg. Pressure
³⁷ Choke Size 64/64	³⁸ Oil 664 BO	³⁹ Water 2683 BW	⁴⁰ Gas 877 MCF		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: 		
Printed name: KATY REDDELL			Title: Petroleum Engineer		
Title: REGULATORY ANALYST			Approval Date: 05/04/22		
E-mail Address: kreddell@btaoil.com					
Date: 03/16/2022	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

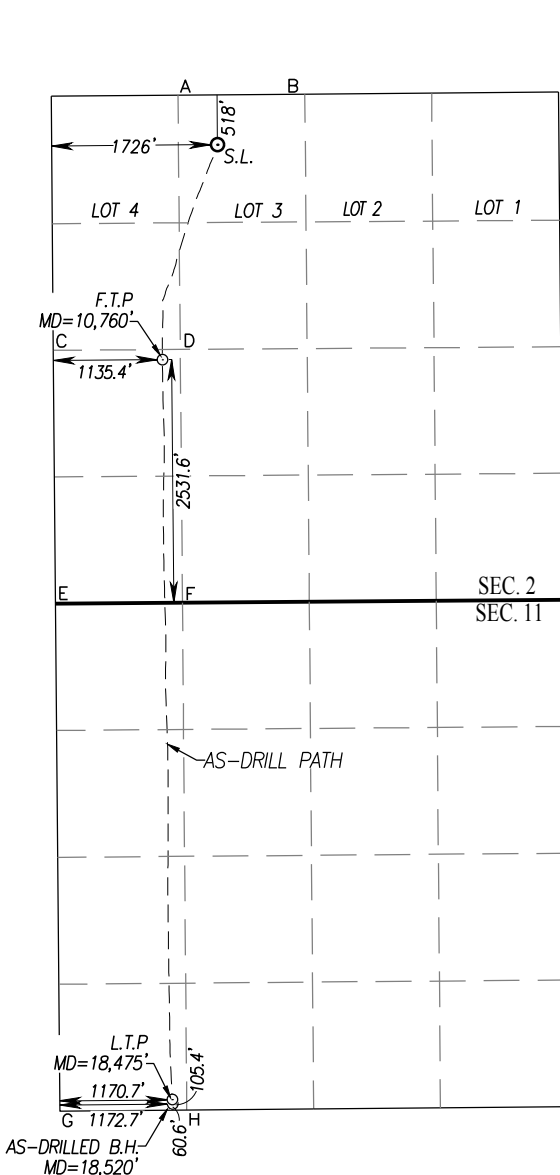
API Number 30-025-48548	Pool Code 97293	Pool Name OJO CHISO; BONE SPRING, SOUTH
Property Code 327076	Property Name SOUTH RIDGE 8030 2-11 STATE	Well Number 5H
OGRID No. 260297	Operator Name BTA OIL PRODUCERS, LLC	Elevation 3387'

Surface Location									
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
3	2	23-S	34-E		518	NORTH	1726	WEST	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
M	11	23-S	34-E		60.6	SOUTH	1172.7	WEST	LEA
Dedicated Acres 320	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



SCALE: 1"=2000'

GEODETIC COORDINATES NAD 83 NME SURFACE LOCATION Y= 488378.0 N X= 816055.4 E LAT.=32.339486° N LONG.=103.443835° W	GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 488317.8 N X= 774871.8 E LAT.=32.339362° N LONG.=103.443357° W
FIRST TAKE POINT NAD 83 NME Y= 486139.4 N X= 815483.1 E LAT.=32.333347° N LONG.=103.445748° W	FIRST TAKE POINT NAD 27 NME Y= 486079.4 N X= 774299.5 E LAT.=32.333222° N LONG.=103.445270° W

CORNER COORDINATES TABLE

NAD 27 NME

A - Y= 488832.4 N, X= 774462.3 E
B - Y= 488843.3 N, X= 775782.6 E
C - Y= 486176.1 N, X= 773163.4 E
D - Y= 486185.2 N, X= 774485.2 E
E - Y= 483539.8 N, X= 773186.4 E
F - Y= 483549.8 N, X= 774508.0 E
G - Y= 478255.9 N, X= 773233.1 E
H - Y= 478267.0 N, X= 774553.5 E

CORNER COORDINATES TABLE

NAD 83 NME

A - Y= 488892.5 N, X= 815645.9 E
B - Y= 488903.5 N, X= 816966.2 E
C - Y= 486236.1 N, X= 814347.0 E
D - Y= 486245.3 N, X= 815668.8 E
E - Y= 483599.8 N, X= 814370.0 E
F - Y= 483609.8 N, X= 815691.7 E
G - Y= 478315.7 N, X= 814416.9 E
H - Y= 478326.8 N, X= 815737.3 E

LAST TAKE POINT NAD 83 NME Y= 478430.9 N X= 815586.3 E LAT.=32.312157° N LONG.=103.445620° W	LAST TAKE POINT NAD 27 NME Y= 478371.1 N X= 774402.5 E LAT.=32.312033° N LONG.=103.445143° W
AS-DRILLED BOTTOM HOLE LOCATION NAD 83 NME Y= 478386.2 N X= 815588.8 E LAT.=32.312034° N LONG.=103.445613° W	AS-DRILLED BOTTOM HOLE LOCATION NAD 27 NME Y= 478326.4 N X= 774405.0 E LAT.=32.311910° N LONG.=103.445136° W

NOTE: AS-DRILLED BOTTOM HOLE, LAST TAKE POINT
AND FIRST TAKE POINT PLOTTED FROM DATA FURNISHED
BY KLX DIRECTIONAL DRILLING ON NOVEMBER 29, 2021.

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 03/17/2022

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.

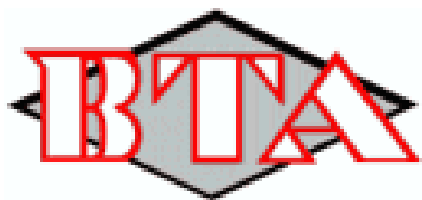
DECEMBER 16, 2020

Date of Survey
Signature Seal of Professional Surveyor

Ronald J. Eidson 03/03/2022

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

ACK REL. W.O.:20110570 JWSC W.O.: 22.13.0078



BTA Oil Producers, LLC

Lea County, NM (NAD 83)

Sec 2, T23-S, R34-E

South Ridge 8030 2-11 State #5H

Wellbore #1

Design: Wellbore #1

Survey Report - Geographic

29 November, 2021





Survey Report - Geographic



Company:	BTA Oil Producers, LLC	Local Co-ordinate Reference:	Well South Ridge 8030 2-11 State #5H
Project:	Lea County, NM (NAD 83)	TVD Reference:	WELL @ 3412.0usft (Patterson #566)
Site:	Sec 2, T23-S, R34-E	MD Reference:	WELL @ 3412.0usft (Patterson #566)
Well:	South Ridge 8030 2-11 State #5H	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 2, T23-S, R34-E		
Site Position:		Northing:	486,597.20 usft
From:	Map	Easting:	815,468.90 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 20' 4.579 N
		Longitude:	103° 26' 44.813 W
		Grid Convergence:	0.47 °

Well	South Ridge 8030 2-11 State #5H		
Well Position	+N/-S	0.0 usft	Northing: 488,378.00 usft
	+E/-W	0.0 usft	Easting: 816,055.40 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 20' 22.152 N
		Longitude:	103° 26' 37.805 W
		Ground Level:	3,387.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2021	10/28/2021	6.42	59.97	47,731.90000000

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)	Direction (°)	
	0.0	0.0	0.0		182.86

Survey Program	Date	11/29/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
182.0	18,520.0	KLX MWD (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	488,378.00	816,055.40	32° 20' 22.152 N	103° 26' 37.805 W
182.0	0.40	157.00	182.0	-0.6	0.2	488,377.42	816,055.65	32° 20' 22.146 N	103° 26' 37.802 W
First MWD Survey @ 182.0' MD / 182.0' TVD									
276.0	0.40	135.80	276.0	-1.1	0.6	488,376.88	816,056.00	32° 20' 22.141 N	103° 26' 37.798 W
388.0	0.60	165.40	388.0	-2.0	1.0	488,376.03	816,056.42	32° 20' 22.132 N	103° 26' 37.793 W
535.0	0.40	153.60	535.0	-3.2	1.4	488,374.83	816,056.85	32° 20' 22.120 N	103° 26' 37.789 W
628.0	0.20	162.60	628.0	-3.6	1.6	488,374.38	816,057.04	32° 20' 22.116 N	103° 26' 37.786 W
721.0	0.50	73.00	721.0	-3.7	2.1	488,374.34	816,057.48	32° 20' 22.115 N	103° 26' 37.781 W
814.0	1.50	55.90	814.0	-2.9	3.5	488,375.15	816,058.87	32° 20' 22.123 N	103° 26' 37.765 W
907.0	1.60	59.90	906.9	-1.5	5.6	488,376.48	816,061.00	32° 20' 22.136 N	103° 26' 37.740 W
999.0	1.70	56.80	998.9	-0.1	7.9	488,377.87	816,063.26	32° 20' 22.150 N	103° 26' 37.714 W
1,093.0	1.60	71.20	1,092.9	1.1	10.3	488,379.06	816,065.66	32° 20' 22.161 N	103° 26' 37.685 W



Survey Report - Geographic



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Project:	Lea County, NM (NAD 83)	TVD Reference:	WELL @ 3412.0usft (Patterson #566)
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Well:	South Ridge 8030 2-11 State #5H	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
1,185.0	2.10	74.00	1,184.8	1.9	13.1	488,379.94	816,068.50	32° 20' 22.170 N	103° 26' 37.652 W
1,279.0	3.00	84.00	1,278.7	2.7	17.2	488,380.67	816,072.60	32° 20' 22.177 N	103° 26' 37.604 W
1,373.0	2.70	91.80	1,372.6	2.9	21.9	488,380.86	816,077.26	32° 20' 22.178 N	103° 26' 37.550 W
1,466.0	2.10	103.90	1,465.5	2.4	25.7	488,380.38	816,081.11	32° 20' 22.173 N	103° 26' 37.505 W
1,559.0	1.60	103.20	1,558.5	1.7	28.6	488,379.67	816,084.02	32° 20' 22.166 N	103° 26' 37.471 W
1,652.0	1.70	88.60	1,651.4	1.4	31.3	488,379.41	816,086.67	32° 20' 22.163 N	103° 26' 37.440 W
1,730.0	2.80	89.80	1,729.4	1.4	34.3	488,379.44	816,089.73	32° 20' 22.163 N	103° 26' 37.405 W
1,779.0	3.10	88.80	1,778.3	1.5	36.9	488,379.48	816,092.25	32° 20' 22.163 N	103° 26' 37.375 W
1,842.0	3.10	91.30	1,841.2	1.5	40.3	488,379.47	816,095.66	32° 20' 22.163 N	103° 26' 37.336 W
1,935.0	2.20	138.70	1,934.1	0.1	44.0	488,378.07	816,099.35	32° 20' 22.149 N	103° 26' 37.293 W
2,028.0	3.60	201.60	2,027.0	-4.0	44.1	488,374.02	816,099.45	32° 20' 22.109 N	103° 26' 37.292 W
2,121.0	5.10	219.30	2,119.8	-9.9	40.4	488,368.10	816,095.76	32° 20' 22.050 N	103° 26' 37.336 W
2,215.0	7.80	218.40	2,213.2	-18.1	33.8	488,359.87	816,089.15	32° 20' 21.969 N	103° 26' 37.413 W
2,308.0	9.70	216.40	2,305.1	-29.4	25.2	488,348.62	816,080.58	32° 20' 21.859 N	103° 26' 37.514 W
2,401.0	12.20	214.60	2,396.4	-43.8	15.0	488,334.22	816,070.35	32° 20' 21.717 N	103° 26' 37.635 W
2,494.0	11.70	214.20	2,487.3	-59.7	4.1	488,318.33	816,059.47	32° 20' 21.561 N	103° 26' 37.763 W
2,587.0	12.70	214.30	2,578.2	-75.9	-7.0	488,302.09	816,048.41	32° 20' 21.401 N	103° 26' 37.894 W
2,680.0	15.70	213.20	2,668.4	-94.9	-19.6	488,283.11	816,035.75	32° 20' 21.214 N	103° 26' 38.043 W
2,773.0	15.30	211.80	2,758.0	-115.8	-33.0	488,262.15	816,022.40	32° 20' 21.008 N	103° 26' 38.201 W
2,867.0	15.50	206.70	2,848.6	-137.6	-45.2	488,240.39	816,010.22	32° 20' 20.794 N	103° 26' 38.345 W
2,960.0	14.90	206.20	2,938.4	-159.4	-56.0	488,218.56	815,999.36	32° 20' 20.579 N	103° 26' 38.474 W
3,053.0	14.20	205.10	3,028.4	-180.5	-66.2	488,197.50	815,989.24	32° 20' 20.371 N	103° 26' 38.594 W
3,146.0	14.40	202.60	3,118.5	-201.5	-75.4	488,176.49	815,979.95	32° 20' 20.164 N	103° 26' 38.704 W
3,239.0	15.90	201.60	3,208.3	-224.0	-84.6	488,153.97	815,970.82	32° 20' 19.942 N	103° 26' 38.813 W
3,333.0	15.30	200.90	3,298.8	-247.6	-93.7	488,130.41	815,961.66	32° 20' 19.710 N	103° 26' 38.922 W
3,426.0	14.90	200.20	3,388.6	-270.3	-102.2	488,107.73	815,953.15	32° 20' 19.486 N	103° 26' 39.023 W
3,520.0	14.40	199.20	3,479.6	-292.7	-110.3	488,085.35	815,945.13	32° 20' 19.265 N	103° 26' 39.119 W
3,613.0	14.20	197.90	3,569.7	-314.4	-117.6	488,063.57	815,937.82	32° 20' 19.050 N	103° 26' 39.206 W
3,706.0	13.60	197.20	3,660.0	-335.7	-124.3	488,042.27	815,931.08	32° 20' 18.840 N	103° 26' 39.286 W
3,800.0	13.20	198.90	3,751.4	-356.4	-131.1	488,021.56	815,924.34	32° 20' 18.636 N	103° 26' 39.367 W
3,893.0	14.30	206.00	3,841.7	-376.8	-139.5	488,001.19	815,915.87	32° 20' 18.435 N	103° 26' 39.468 W
3,955.0	13.90	206.00	3,901.9	-390.4	-146.2	487,987.62	815,909.24	32° 20' 18.301 N	103° 26' 39.546 W
4,048.0	14.50	201.10	3,992.0	-411.3	-155.2	487,966.71	815,900.16	32° 20' 18.095 N	103° 26' 39.654 W
4,142.0	14.10	201.80	4,083.1	-432.9	-163.7	487,945.10	815,891.67	32° 20' 17.882 N	103° 26' 39.755 W
4,235.0	13.70	203.10	4,173.4	-453.5	-172.3	487,924.46	815,883.14	32° 20' 17.678 N	103° 26' 39.857 W
4,328.0	13.40	204.00	4,263.8	-473.5	-181.0	487,904.48	815,874.44	32° 20' 17.481 N	103° 26' 39.960 W
4,422.0	13.60	203.40	4,355.2	-493.6	-189.8	487,884.39	815,865.62	32° 20' 17.283 N	103° 26' 40.065 W
4,515.0	14.60	202.50	4,445.4	-514.5	-198.6	487,863.52	815,856.79	32° 20' 17.077 N	103° 26' 40.170 W
4,608.0	14.50	202.20	4,535.4	-536.1	-207.5	487,841.91	815,847.90	32° 20' 16.864 N	103° 26' 40.275 W
4,702.0	14.50	202.00	4,626.4	-557.9	-216.4	487,820.11	815,839.05	32° 20' 16.649 N	103° 26' 40.381 W
4,795.0	14.20	200.80	4,716.5	-579.4	-224.8	487,798.65	815,830.64	32° 20' 16.438 N	103° 26' 40.481 W
4,888.0	14.20	197.30	4,806.7	-600.9	-232.2	487,777.10	815,823.19	32° 20' 16.225 N	103° 26' 40.570 W
4,981.0	13.80	198.50	4,896.9	-622.3	-239.1	487,755.69	815,816.28	32° 20' 16.014 N	103° 26' 40.652 W
5,074.0	13.70	198.90	4,987.3	-643.3	-246.2	487,734.75	815,809.19	32° 20' 15.807 N	103° 26' 40.737 W
5,167.0	13.60	198.90	5,077.6	-664.0	-253.3	487,713.98	815,802.09	32° 20' 15.602 N	103° 26' 40.822 W
5,260.0	13.40	200.00	5,168.1	-684.5	-260.5	487,693.51	815,794.86	32° 20' 15.400 N	103° 26' 40.908 W
5,354.0	13.10	200.00	5,259.6	-704.7	-267.9	487,673.27	815,787.49	32° 20' 15.201 N	103° 26' 40.996 W
5,434.0	12.70	200.90	5,337.5	-721.5	-274.1	487,656.53	815,781.25	32° 20' 15.035 N	103° 26' 41.070 W
5,602.0	12.50	201.30	5,501.5	-755.7	-287.3	487,622.34	815,768.06	32° 20' 14.698 N	103° 26' 41.227 W
5,695.0	14.10	196.30	5,592.0	-775.9	-294.2	487,602.09	815,761.22	32° 20' 14.498 N	103° 26' 41.309 W
5,788.0	14.30	196.50	5,682.2	-797.8	-300.6	487,580.21	815,754.78	32° 20' 14.282 N	103° 26' 41.386 W
5,881.0	14.60	196.60	5,772.2	-820.0	-307.2	487,557.96	815,748.17	32° 20' 14.063 N	103° 26' 41.465 W
5,974.0	14.50	197.90	5,862.2	-842.4	-314.2	487,535.65	815,741.24	32° 20' 13.843 N	103° 26' 41.548 W
6,067.0	14.90	198.20	5,952.2	-864.8	-321.5	487,513.21	815,733.93	32° 20' 13.621 N	103° 26' 41.635 W
6,160.0	15.90	197.80	6,041.9	-888.3	-329.1	487,489.72	815,726.30	32° 20' 13.389 N	103° 26' 41.727 W



Survey Report - Geographic



Company:	BTA Oil Producers, LLC	Local Co-ordinate Reference:	Well South Ridge 8030 2-11 State #5H
Project:	Lea County, NM (NAD 83)	TVD Reference:	WELL @ 3412.0usft (Patterson #566)
Site:	Sec 2, T23-S, R34-E	MD Reference:	WELL @ 3412.0usft (Patterson #566)
Well:	South Ridge 8030 2-11 State #5H	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
6,254.0	15.60	197.90	6,132.3	-912.6	-336.9	487,465.43	815,718.48	32° 20' 13.150 N	103° 26' 41.820 W
6,347.0	13.80	195.70	6,222.3	-935.1	-343.8	487,442.86	815,711.64	32° 20' 12.927 N	103° 26' 41.902 W
6,440.0	14.10	195.50	6,312.5	-956.7	-349.8	487,421.26	815,705.61	32° 20' 12.714 N	103° 26' 41.974 W
6,534.0	14.70	195.80	6,403.6	-979.2	-356.1	487,398.75	815,699.30	32° 20' 12.492 N	103° 26' 42.050 W
6,627.0	14.30	196.20	6,493.6	-1,001.6	-362.5	487,376.37	815,692.88	32° 20' 12.271 N	103° 26' 42.127 W
6,720.0	13.60	197.80	6,583.9	-1,023.1	-369.1	487,354.93	815,686.34	32° 20' 12.059 N	103° 26' 42.205 W
6,813.0	14.00	198.40	6,674.2	-1,044.2	-376.0	487,333.84	815,679.44	32° 20' 11.851 N	103° 26' 42.288 W
6,906.0	14.20	199.30	6,764.4	-1,065.6	-383.3	487,312.40	815,672.12	32° 20' 11.639 N	103° 26' 42.375 W
6,999.0	14.90	200.50	6,854.4	-1,087.6	-391.2	487,290.44	815,664.16	32° 20' 11.423 N	103° 26' 42.470 W
7,092.0	14.90	196.90	6,944.3	-1,110.2	-398.9	487,267.80	815,656.50	32° 20' 11.199 N	103° 26' 42.562 W
7,185.0	14.50	194.10	7,034.2	-1,132.9	-405.2	487,245.06	815,650.19	32° 20' 10.975 N	103° 26' 42.637 W
7,278.0	14.80	195.20	7,124.2	-1,155.7	-411.2	487,222.31	815,644.24	32° 20' 10.750 N	103° 26' 42.709 W
7,371.0	12.40	196.00	7,214.6	-1,176.8	-417.0	487,201.25	815,638.37	32° 20' 10.542 N	103° 26' 42.779 W
7,464.0	11.80	195.90	7,305.5	-1,195.5	-422.4	487,182.50	815,633.01	32° 20' 10.357 N	103° 26' 42.844 W
7,558.0	10.30	191.80	7,397.8	-1,213.0	-426.7	487,165.03	815,628.66	32° 20' 10.185 N	103° 26' 42.896 W
7,651.0	12.00	192.40	7,489.0	-1,230.6	-430.5	487,147.45	815,624.88	32° 20' 10.011 N	103° 26' 42.942 W
7,744.0	11.90	192.00	7,580.0	-1,249.4	-434.6	487,128.63	815,620.81	32° 20' 9.825 N	103° 26' 42.991 W
7,837.0	12.40	196.90	7,670.9	-1,268.3	-439.5	487,109.69	815,615.92	32° 20' 9.638 N	103° 26' 43.050 W
7,930.0	12.30	198.90	7,761.8	-1,287.2	-445.6	487,090.77	815,609.81	32° 20' 9.451 N	103° 26' 43.123 W
8,023.0	12.10	198.20	7,852.7	-1,305.9	-451.8	487,072.14	815,603.55	32° 20' 9.268 N	103° 26' 43.198 W
8,116.0	11.30	197.50	7,943.7	-1,323.8	-457.6	487,054.19	815,597.77	32° 20' 9.090 N	103° 26' 43.267 W
8,209.0	11.80	201.10	8,034.9	-1,341.4	-463.8	487,036.62	815,591.61	32° 20' 8.917 N	103° 26' 43.340 W
8,302.0	13.50	200.60	8,125.6	-1,360.4	-471.0	487,017.59	815,584.36	32° 20' 8.729 N	103° 26' 43.426 W
8,395.0	13.80	201.40	8,216.0	-1,380.9	-478.9	486,997.10	815,576.50	32° 20' 8.527 N	103° 26' 43.520 W
8,488.0	11.90	202.60	8,306.6	-1,400.1	-486.6	486,977.92	815,568.76	32° 20' 8.338 N	103° 26' 43.612 W
8,581.0	12.90	201.10	8,397.5	-1,418.6	-494.1	486,959.38	815,561.34	32° 20' 8.155 N	103° 26' 43.700 W
8,675.0	14.40	199.70	8,488.8	-1,439.4	-501.8	486,938.59	815,553.62	32° 20' 7.950 N	103° 26' 43.792 W
8,768.0	13.70	200.90	8,579.0	-1,460.6	-509.6	486,917.41	815,545.80	32° 20' 7.741 N	103° 26' 43.886 W
8,861.0	11.20	205.30	8,669.8	-1,479.0	-517.4	486,898.96	815,538.01	32° 20' 7.559 N	103° 26' 43.978 W
8,954.0	11.60	203.70	8,761.0	-1,495.8	-525.0	486,882.23	815,530.39	32° 20' 7.395 N	103° 26' 44.069 W
9,048.0	13.00	201.50	8,852.8	-1,514.3	-532.7	486,863.74	815,522.71	32° 20' 7.212 N	103° 26' 44.160 W
9,141.0	13.40	194.20	8,943.4	-1,534.4	-539.2	486,843.56	815,516.24	32° 20' 7.013 N	103° 26' 44.237 W
9,234.0	12.90	194.90	9,034.0	-1,554.9	-544.5	486,823.08	815,510.92	32° 20' 6.811 N	103° 26' 44.301 W
9,327.0	12.80	197.50	9,124.6	-1,574.8	-550.2	486,803.22	815,505.16	32° 20' 6.615 N	103° 26' 44.370 W
9,420.0	9.70	195.30	9,215.8	-1,592.2	-555.4	486,785.83	815,499.99	32° 20' 6.443 N	103° 26' 44.432 W
9,514.0	5.30	200.00	9,309.0	-1,603.9	-559.0	486,774.11	815,496.41	32° 20' 6.328 N	103° 26' 44.475 W
9,607.0	3.90	215.60	9,401.7	-1,610.5	-562.3	486,767.50	815,493.10	32° 20' 6.262 N	103° 26' 44.514 W
9,643.0	4.00	220.40	9,437.6	-1,612.5	-563.8	486,765.55	815,491.58	32° 20' 6.243 N	103° 26' 44.532 W
9,730.0	1.80	240.10	9,524.5	-1,615.4	-567.0	486,762.56	815,488.43	32° 20' 6.214 N	103° 26' 44.569 W
9,823.0	2.20	237.80	9,617.4	-1,617.1	-569.7	486,760.88	815,485.65	32° 20' 6.197 N	103° 26' 44.602 W
9,916.0	10.50	172.20	9,709.9	-1,626.5	-570.1	486,751.51	815,485.29	32° 20' 6.105 N	103° 26' 44.607 W
10,009.0	21.50	173.80	9,799.1	-1,651.9	-567.1	486,726.09	815,488.29	32° 20' 5.853 N	103° 26' 44.574 W
10,102.0	28.00	179.10	9,883.5	-1,690.7	-564.9	486,687.27	815,490.47	32° 20' 5.469 N	103° 26' 44.553 W
10,195.0	35.70	180.50	9,962.5	-1,739.8	-564.8	486,638.24	815,490.58	32° 20' 4.984 N	103° 26' 44.556 W
10,288.0	45.60	181.60	10,033.0	-1,800.3	-566.0	486,577.74	815,489.41	32° 20' 4.385 N	103° 26' 44.576 W
10,381.0	57.40	183.00	10,090.7	-1,872.8	-569.0	486,505.15	815,486.42	32° 20' 3.667 N	103° 26' 44.617 W
10,474.0	70.60	181.50	10,131.4	-1,956.2	-572.2	486,421.82	815,483.21	32° 20' 2.843 N	103° 26' 44.663 W
10,567.0	82.10	179.80	10,153.3	-2,046.4	-573.2	486,331.60	815,482.22	32° 20' 1.950 N	103° 26' 44.683 W
10,655.1	87.12	179.89	10,161.6	-2,134.1	-572.9	486,243.92	815,482.45	32° 20' 1.083 N	103° 26' 44.689 W
LL Crossed @ 10655.1'MD / 10161.6' TVD									
10,660.0	87.40	179.90	10,161.8	-2,139.0	-572.9	486,239.03	815,482.46	32° 20' 1.034 N	103° 26' 44.689 W
10,753.0	88.30	179.50	10,165.3	-2,231.9	-572.4	486,146.09	815,482.95	32° 20' 0.115 N	103° 26' 44.693 W
10,755.1	88.33	179.49	10,165.4	-2,234.0	-572.4	486,144.00	815,482.97	32° 20' 0.094 N	103° 26' 44.693 W
100' HL Crossed @ 10755.1'MD / 10165.4' TVD									
10,810.0	89.00	179.30	10,166.7	-2,288.9	-571.9	486,089.11	815,483.55	32° 19' 59.551 N	103° 26' 44.691 W



Survey Report - Geographic



Company:	BTA Oil Producers, LLC	Local Co-ordinate Reference:	Well South Ridge 8030 2-11 State #5H
Project:	Lea County, NM (NAD 83)	TVD Reference:	WELL @ 3412.0usft (Patterson #566)
Site:	Sec 2, T23-S, R34-E	MD Reference:	WELL @ 3412.0usft (Patterson #566)
Well:	South Ridge 8030 2-11 State #5H	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
10,903.0	90.70	179.40	10,166.9	-2,381.9	-570.8	485,996.12	815,484.60	32° 19' 58.631 N	103° 26' 44.688 W
10,995.0	92.80	179.40	10,164.1	-2,473.8	-569.8	485,904.18	815,485.56	32° 19' 57.721 N	103° 26' 44.685 W
11,088.0	91.60	178.30	10,160.5	-2,566.7	-568.0	485,811.27	815,487.43	32° 19' 56.801 N	103° 26' 44.673 W
11,181.0	89.20	178.20	10,159.9	-2,659.7	-565.1	485,718.32	815,490.27	32° 19' 55.881 N	103° 26' 44.649 W
11,274.0	90.00	178.10	10,160.5	-2,752.6	-562.1	485,625.37	815,493.27	32° 19' 54.961 N	103° 26' 44.623 W
11,367.0	88.60	178.30	10,161.7	-2,845.6	-559.2	485,532.43	815,496.19	32° 19' 54.041 N	103° 26' 44.598 W
11,460.0	88.40	178.30	10,164.1	-2,938.5	-556.4	485,439.50	815,498.95	32° 19' 53.122 N	103° 26' 44.574 W
11,553.0	90.10	177.80	10,165.3	-3,031.4	-553.3	485,346.56	815,502.11	32° 19' 52.202 N	103° 26' 44.546 W
11,646.0	89.00	180.00	10,166.1	-3,124.4	-551.5	485,253.59	815,503.90	32° 19' 51.282 N	103° 26' 44.535 W
11,740.0	89.10	181.00	10,167.6	-3,218.4	-552.3	485,159.61	815,503.08	32° 19' 50.352 N	103° 26' 44.553 W
11,833.0	87.50	181.50	10,170.4	-3,311.3	-554.3	485,066.68	815,501.05	32° 19' 49.433 N	103° 26' 44.586 W
11,926.0	86.90	181.50	10,174.9	-3,404.2	-556.8	484,973.82	815,498.62	32° 19' 48.514 N	103° 26' 44.623 W
12,019.0	88.40	181.30	10,178.7	-3,497.1	-559.0	484,880.93	815,496.35	32° 19' 47.595 N	103° 26' 44.659 W
12,112.0	90.10	181.00	10,180.0	-3,590.0	-560.9	484,787.96	815,494.48	32° 19' 46.675 N	103° 26' 44.689 W
12,205.0	89.10	180.90	10,180.6	-3,683.0	-562.5	484,694.97	815,492.94	32° 19' 45.755 N	103° 26' 44.716 W
12,298.0	89.60	180.80	10,181.7	-3,776.0	-563.8	484,601.99	815,491.56	32° 19' 44.835 N	103° 26' 44.741 W
12,391.0	89.10	180.10	10,182.7	-3,869.0	-564.6	484,509.00	815,490.83	32° 19' 43.915 N	103° 26' 44.759 W
12,485.0	89.30	177.90	10,184.0	-3,963.0	-562.9	484,415.03	815,492.47	32° 19' 42.985 N	103° 26' 44.749 W
12,578.0	91.20	179.90	10,183.6	-4,055.9	-561.1	484,322.06	815,494.26	32° 19' 42.065 N	103° 26' 44.737 W
12,671.0	89.70	179.20	10,182.9	-4,148.9	-560.4	484,229.07	815,494.99	32° 19' 41.145 N	103° 26' 44.737 W
12,764.0	88.70	179.30	10,184.2	-4,241.9	-559.2	484,136.08	815,496.20	32° 19' 40.225 N	103° 26' 44.732 W
12,857.0	90.80	178.70	10,184.6	-4,334.9	-557.6	484,043.10	815,497.83	32° 19' 39.305 N	103° 26' 44.722 W
12,950.0	89.10	178.70	10,184.7	-4,427.9	-555.5	483,950.13	815,499.94	32° 19' 38.385 N	103° 26' 44.707 W
13,043.0	88.40	178.50	10,186.7	-4,520.8	-553.2	483,857.18	815,502.21	32° 19' 37.465 N	103° 26' 44.689 W
13,136.0	89.80	178.60	10,188.2	-4,613.8	-550.8	483,764.23	815,504.56	32° 19' 36.545 N	103° 26' 44.671 W
13,230.0	91.70	178.50	10,186.9	-4,707.7	-548.5	483,670.27	815,506.94	32° 19' 35.615 N	103° 26' 44.652 W
13,323.0	93.60	178.20	10,182.6	-4,800.6	-545.8	483,577.41	815,509.62	32° 19' 34.696 N	103° 26' 44.630 W
13,416.0	93.80	177.90	10,176.6	-4,893.3	-542.6	483,484.66	815,512.77	32° 19' 33.778 N	103° 26' 44.602 W
13,509.0	93.20	177.60	10,171.0	-4,986.1	-539.0	483,391.90	815,516.42	32° 19' 32.860 N	103° 26' 44.568 W
13,603.0	92.00	179.30	10,166.7	-5,080.0	-536.4	483,298.04	815,518.96	32° 19' 31.931 N	103° 26' 44.548 W
13,696.0	91.10	180.10	10,164.2	-5,172.9	-536.0	483,205.08	815,519.44	32° 19' 31.011 N	103° 26' 44.551 W
13,789.0	89.00	180.60	10,164.1	-5,265.9	-536.5	483,112.08	815,518.88	32° 19' 30.091 N	103° 26' 44.567 W
13,883.0	88.90	180.70	10,165.8	-5,359.9	-537.6	483,018.11	815,517.81	32° 19' 29.161 N	103° 26' 44.588 W
13,976.0	90.70	180.60	10,166.1	-5,452.9	-538.6	482,925.12	815,516.75	32° 19' 28.241 N	103° 26' 44.610 W
14,069.0	90.80	180.40	10,164.9	-5,545.9	-539.5	482,832.13	815,515.94	32° 19' 27.321 N	103° 26' 44.628 W
14,162.0	90.50	179.30	10,163.9	-5,638.9	-539.2	482,739.14	815,516.19	32° 19' 26.401 N	103° 26' 44.634 W
14,256.0	88.10	178.40	10,165.0	-5,732.8	-537.3	482,645.17	815,518.07	32° 19' 25.471 N	103° 26' 44.621 W
14,349.0	88.50	178.20	10,167.8	-5,825.7	-534.6	482,552.25	815,520.83	32° 19' 24.551 N	103° 26' 44.598 W
14,442.0	90.00	177.80	10,169.0	-5,918.7	-531.3	482,459.32	815,524.08	32° 19' 23.632 N	103° 26' 44.569 W
14,535.0	88.60	178.00	10,170.1	-6,011.6	-527.9	482,366.39	815,527.48	32° 19' 22.712 N	103° 26' 44.539 W
14,628.0	89.50	178.00	10,171.7	-6,104.5	-524.7	482,273.46	815,530.73	32° 19' 21.792 N	103° 26' 44.510 W
14,722.0	91.40	177.90	10,170.9	-6,198.5	-521.3	482,179.53	815,534.09	32° 19' 20.862 N	103° 26' 44.480 W
14,815.0	89.70	177.80	10,170.0	-6,291.4	-517.8	482,086.60	815,537.58	32° 19' 19.943 N	103° 26' 44.448 W
14,908.0	87.20	179.00	10,172.6	-6,384.3	-515.2	481,993.68	815,540.18	32° 19' 19.023 N	103° 26' 44.427 W
15,001.0	87.80	179.00	10,176.6	-6,477.2	-513.6	481,900.78	815,541.80	32° 19' 18.104 N	103° 26' 44.417 W
15,094.0	86.80	180.00	10,181.0	-6,570.1	-512.8	481,807.89	815,542.61	32° 19' 17.184 N	103° 26' 44.416 W
15,188.0	87.70	180.00	10,185.5	-6,664.0	-512.8	481,714.00	815,542.61	32° 19' 16.255 N	103° 26' 44.425 W
15,281.0	89.50	179.80	10,187.8	-6,757.0	-512.6	481,621.03	815,542.77	32° 19' 15.336 N	103° 26' 44.432 W
15,374.0	88.30	180.10	10,189.6	-6,849.9	-512.5	481,528.05	815,542.85	32° 19' 14.416 N	103° 26' 44.440 W
15,468.0	88.60	180.30	10,192.1	-6,943.9	-512.9	481,434.09	815,542.52	32° 19' 13.486 N	103° 26' 44.453 W
15,561.0	90.60	180.40	10,192.8	-7,036.9	-513.4	481,341.10	815,541.96	32° 19' 12.566 N	103° 26' 44.469 W
15,654.0	89.30	180.30	10,192.8	-7,129.9	-514.0	481,248.10	815,541.39	32° 19' 11.646 N	103° 26' 44.484 W
15,747.0	89.20	179.70	10,194.1	-7,222.9	-514.0	481,155.11	815,541.39	32° 19' 10.725 N	103° 26' 44.493 W
15,841.0	87.60	179.80	10,196.7	-7,316.9	-513.6	481,061.15	815,541.80	32° 19' 9.796 N	103° 26' 44.498 W
15,934.0	86.80	180.40	10,201.2	-7,409.7	-513.8	480,968.26	815,541.63	32° 19' 8.877 N	103° 26' 44.509 W



Survey Report - Geographic



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Site:	Sec 2, T23-S, R34-E	MD Reference:	WELL @ 3412.0usft (Patterson #566)
Well:	South Ridge 8030 2-11 State #5H	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
16,027.0	88.20	180.70	10,205.3	-7,502.6	-514.7	480,875.36	815,540.74	32° 19' 7.957 N	103° 26' 44.528 W
16,120.0	90.10	180.50	10,206.7	-7,595.6	-515.6	480,782.38	815,539.77	32° 19' 7.038 N	103° 26' 44.548 W
16,213.0	92.00	180.00	10,205.0	-7,688.6	-516.0	480,689.40	815,539.36	32° 19' 6.118 N	103° 26' 44.562 W
16,306.0	90.20	179.40	10,203.2	-7,781.6	-515.5	480,596.42	815,539.85	32° 19' 5.198 N	103° 26' 44.565 W
16,400.0	90.40	178.90	10,202.7	-7,875.6	-514.2	480,502.43	815,541.24	32° 19' 4.267 N	103° 26' 44.558 W
16,493.0	89.70	179.90	10,202.6	-7,968.6	-513.2	480,409.44	815,542.22	32° 19' 3.347 N	103° 26' 44.556 W
16,586.0	88.70	179.30	10,203.9	-8,061.5	-512.5	480,316.45	815,542.87	32° 19' 2.427 N	103° 26' 44.557 W
16,679.0	89.90	179.30	10,205.0	-8,154.5	-511.4	480,223.47	815,544.00	32° 19' 1.507 N	103° 26' 44.553 W
16,773.0	91.20	179.10	10,204.1	-8,248.5	-510.1	480,129.48	815,545.32	32° 19' 0.577 N	103° 26' 44.547 W
16,866.0	90.30	179.70	10,202.9	-8,341.5	-509.1	480,036.50	815,546.29	32° 18' 59.657 N	103° 26' 44.544 W
16,959.0	90.60	179.50	10,202.2	-8,434.5	-508.5	479,943.50	815,546.94	32° 18' 58.737 N	103° 26' 44.546 W
17,052.0	92.40	178.70	10,199.7	-8,527.4	-507.0	479,850.55	815,548.40	32° 18' 57.817 N	103° 26' 44.538 W
17,146.0	90.90	179.10	10,197.0	-8,621.4	-505.2	479,756.61	815,550.20	32° 18' 56.887 N	103° 26' 44.526 W
17,239.0	90.40	178.60	10,196.0	-8,714.4	-503.3	479,663.64	815,552.07	32° 18' 55.967 N	103° 26' 44.513 W
17,332.0	88.90	179.30	10,196.5	-8,807.3	-501.6	479,570.66	815,553.77	32° 18' 55.047 N	103° 26' 44.502 W
17,425.0	88.30	179.30	10,198.8	-8,900.3	-500.5	479,477.69	815,554.91	32° 18' 54.127 N	103° 26' 44.498 W
17,518.0	90.40	179.30	10,199.9	-8,993.3	-499.4	479,384.71	815,556.05	32° 18' 53.207 N	103° 26' 44.494 W
17,611.0	92.10	179.00	10,197.8	-9,086.3	-498.0	479,291.75	815,557.42	32° 18' 52.287 N	103° 26' 44.486 W
17,704.0	91.10	179.30	10,195.2	-9,179.2	-496.6	479,198.79	815,558.80	32° 18' 51.367 N	103° 26' 44.479 W
17,798.0	91.90	179.20	10,192.8	-9,273.2	-495.4	479,104.83	815,560.03	32° 18' 50.437 N	103° 26' 44.474 W
17,891.0	90.90	179.40	10,190.5	-9,366.1	-494.2	479,011.87	815,561.17	32° 18' 49.517 N	103° 26' 44.470 W
17,984.0	90.70	177.90	10,189.2	-9,459.1	-492.0	478,918.91	815,563.36	32° 18' 48.597 N	103° 26' 44.453 W
18,077.0	92.80	177.20	10,186.4	-9,552.0	-488.1	478,826.04	815,567.33	32° 18' 47.678 N	103° 26' 44.416 W
18,170.0	92.70	177.20	10,181.9	-9,644.7	-483.5	478,733.26	815,571.87	32° 18' 46.759 N	103° 26' 44.372 W
18,263.0	92.10	177.80	10,178.0	-9,737.6	-479.5	478,640.43	815,575.92	32° 18' 45.841 N	103° 26' 44.334 W
18,356.0	94.00	177.20	10,173.1	-9,830.3	-475.4	478,547.66	815,579.97	32° 18' 44.922 N	103° 26' 44.295 W
18,459.0	95.90	176.80	10,164.2	-9,932.8	-470.1	478,445.19	815,585.34	32° 18' 43.908 N	103° 26' 44.243 W
18,478.8	95.90	176.80	10,162.2	-9,952.5	-469.0	478,425.52	815,586.44	32° 18' 43.713 N	103° 26' 44.232 W
100' HL Crossed @ 18478.8'MD / 10162.2' TVD									
18,520.0	95.90	176.80	10,157.9	-9,993.4	-466.7	478,384.60	815,588.73	32° 18' 43.308 N	103° 26' 44.209 W
TD @ 18520.0' MD / 10157.9' TVD									

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
182.0	182.0	-0.6	0.2	First MWD Survey @ 182.0' MD / 182.0' TVD
10,655.1	10,161.6	-2,134.1	-572.9	LL Crossed @ 10655.1'MD / 10161.6' TVD
10,755.1	10,165.4	-2,234.0	-572.4	100' HL Crossed @ 10755.1'MD / 10165.4' TVD
18,478.8	10,162.2	-9,952.5	-469.0	100' HL Crossed @ 18478.8'MD / 10162.2' TVD
18,520.0	10,157.9	-9,993.4	-466.7	TD @ 18520.0' MD / 10157.9' TVD

Checked By: _____ Approved By: _____ Date: _____

Intent ☐ As Drilled ☒

API # 30-025-48548		
Operator Name: BTA OIL PRODUCERS, LLC	Property Name: SOUTH RIDGE 8030 2-11 STATE	Well Number 5H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
3	2	23S	34E		2531.6	S	1135.4	W	LEA
Latitude 32.333347					Longitude -103.445748				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
3	2	23S	34E		2531.6	S	1135.4	W	LEA
Latitude 32.333347					Longitude -103.445748				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
N	11	23S	34E		105.4	S	1170.7	W	LEA
Latitude 32.312157					Longitude -103.445620				NAD 83

Is this well the defining well for the Horizontal Spacing Unit?

☐ NO

Is this well an infill well?

☐ YES

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

API # 30-025-48541		
Operator Name: BTA OIL PRODUCERS, LLC	Property Name: SOUTH RIDGE 8030 2-11 STATE COM	Well Number 4H

KZ 06/29/2018

Submit 1 Copy To Appropriate District
Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-48548
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. 97293
7. Lease Name or Unit Agreement Name SOUTH RIDGE 8030 2-11 STATE COM
8. Well Number 5H
9. OGRID Number 260297
10. Pool name or Wildcat OJO CHISO; BONE SPRING, SOUTH

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
BTA OIL PRODUCERS, LLC

3. Address of Operator
104 S. PECOS; MIDLAND, TX 79701

4. Well Location

Unit Letter_3 518 feet from the NORTH line and 1726 feet from the WEST line

Section 2 Township 23S Range 34E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3388'

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: COMPLETION FRAC ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

TD @ 18,522' REACHED: 11/29/2021.
02/06/2022 THRU 02/21/2022: PERFORATE AND FRAC BONESPRING: 10,760" – 18,475' WITH 408,700 TOTAL BBLS FLUID; 18.82 MM #S 100 MESH SAND.
3/7/2022: COMPLETE DRILLOUT. START FLOWING BACK AND TESTING.
PBTD= 18,514'

Spud Date: 11/12/2021

Rig Release Date: 11/30/2021

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: *Katy Reddell*

TITLE: REGULATORY ANALYST

DATE: 02/22/2022

Type or print name KATY REDDELL__ E-mail address: kreddell@btaoil.com PHONE: 432-682-3753

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

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					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG								1. WELL API NO. 30-025-48548		
4. Reason for filing: ☐ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ 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)								2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN		
								3. State Oil & Gas Lease No. 97293		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER								5. Lease Name or Unit Agreement Name SOUTH RIDGE 8030 2-11 STATE COM		
8. Name of Operator BTA OIL PRODUCERS, LLC.						9. OGRID 260297				
10. Address of Operator 104 S. PECOS; MIDLAND, TX. 79701						11. Pool name or Wildcat OJO CHISO; BONE SPRING, SOUTH				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	3	2	22S	34E		518	N	1726	W	LEA
BH:	M	11	23S	34E		60.6	S	1172.7	W	LEA
13. Date Spudded 11/12/2021	14. Date T.D. Reached 12/29/2021		15. Date Rig Released 12/30/2021			16. Date Completed (Ready to Produce) 3/7/2022		17. Elevations (DF and RKB, RT, GR, etc.) 3388		
18. Total Measured Depth of Well 18,522'			19. Plug Back Measured Depth 18,514'			20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run MWD GAMMA RAY		
22. Producing Interval(s), of this completion - Top, Bottom, Name 10,760 – 18,475 BONESPRING										
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		54.5		1,757		17 1/2		915		
9 5/8		40		5,508		12 3/4		1,415		
5 1/2		17		18,516		8 3/4		2,465		
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN						
26. Perforation record (interval, size, and number) 10,760 – 18,475						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						11,760 – 18,475		408,700 TOTAL BBLS FLUID; 18.82 MM #'S 100 MESH SAND.		
28. PRODUCTION										
Date First Production 3/7/2022		Production Method (Flowing, gas lift, pumping - Size and type pump) GAS LIFT					Well Status (Prod. or Shut-in) PROD			
Date of Test 3/14/2022	24	Choke Size 64/64	Prod'n For Test Period 24 HR	Oil - Bbl 664	Gas - MCF 877	Water - Bbl. 2683	Gas - Oil Ratio			
Flow Tubing Press. 300	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 664	Gas - MCF 877	Water - Bbl. 2683	Oil Gravity - API - (Corr.) 38				
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:										
Latitude _____ Longitude _____ NAD83										
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 Printed _____ Signature <i>Katy Reddell</i> Name KATY REDDELL REGULATORY ANALYST 4/1/2022 E-mail Address kreddell@btaoil.com										

INSTRUCTIONS

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.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon 5545	T. Ojo Alamo	T. Penn A"
T. Salt 1987	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 3212	T. Atoka	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. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand 5379	T. Morrison	
T. Drinkard	T. Bone Springs 8448	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

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

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

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

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

IMPORTANT WATER SANDS

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.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
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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 95242

ACKNOWLEDGMENTS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 95242
	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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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 95242

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 95242
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
Ilowe	None	5/4/2022