

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 NW	
⁴ API Number 30 – 025-49294	⁵ Pool Name WC-025 G-09 S253236A; UPR WOLFCAMP		⁶ Pool Code 98158
⁷ Property Code 327174	⁸ Property Name MESA 8105 1-12 FEDERAL		⁹ Well Number 73H

II. ¹⁰ Surface Location

Ul or lot no D.	Section 1	26S	Range 32E	Lot Idn	Feet from the 680	North/South Line NORTH	Feet from the 960	East/West line WEST	County LEA
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¹¹ Bottom Hole Location

UL or lot no M.	Section 12	Township 26S	Range 32E	Lot Idn	Feet from the 57	North/South line SOUTH	Feet from the 355	East/West line WEST	County LEA
¹² Lse Code F	¹³ Producing Method Code p		¹⁴ Gas Connection Date 02/27/2023		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	
371058		ETC FIELD SERVICES LLC 8111 WESTCHESTER DR., STE 600 DALLAS, TX. 75225							G

IV. Well Completion Data

²¹ Spud Date 05/12/2022	²² Ready Date 02/27/2023	²³ TD 23,342	²⁴ PBTD 23,300	²⁵ Perforations 13,060 – 23,295	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
14 3/4		10 3/4		883	645
8 3/4		7 5/8		12,311	1895
6 3/4		5 1/2		12,096	1970
6 3/4		5		23,342	1970
		2 7/8		9,962	

V. Well Test Data

³¹ Date New Oil 02/27/2023	³² Gas Delivery Date 02/27/2023	³³ Test Date 03/09/2023	³⁴ Test Length 24	³⁵ Tbg. Pressure 3500	³⁶ Csg. Pressure
³⁷ Choke Size 20/64	³⁸ Oil 622	³⁹ Water 4354	⁴⁰ Gas 2596		⁴¹ Test Method GAS LIFT
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Katy Reddell			OIL CONSERVATION DIVISION		
Printed name: KATY REDDELL			Approved by:		
Title: REGULATORY ANALYST			Title:		
			Approval Date:		

E-mail Address: kreddell@btaoil.com		
Date: 04/10/2023	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

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

AS-DRILLED

X AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-49294	Pool Code 98158	Pool Name WC-025-G-09 S253236A; UPR WOLFCAMP
Property Code 32174	Property Name MESA 8105 1-12 FED	Well Number 73H
OGRID No. 260297	Operator Name BTA OIL PRODUCERS, LLC	Elevation 3336'

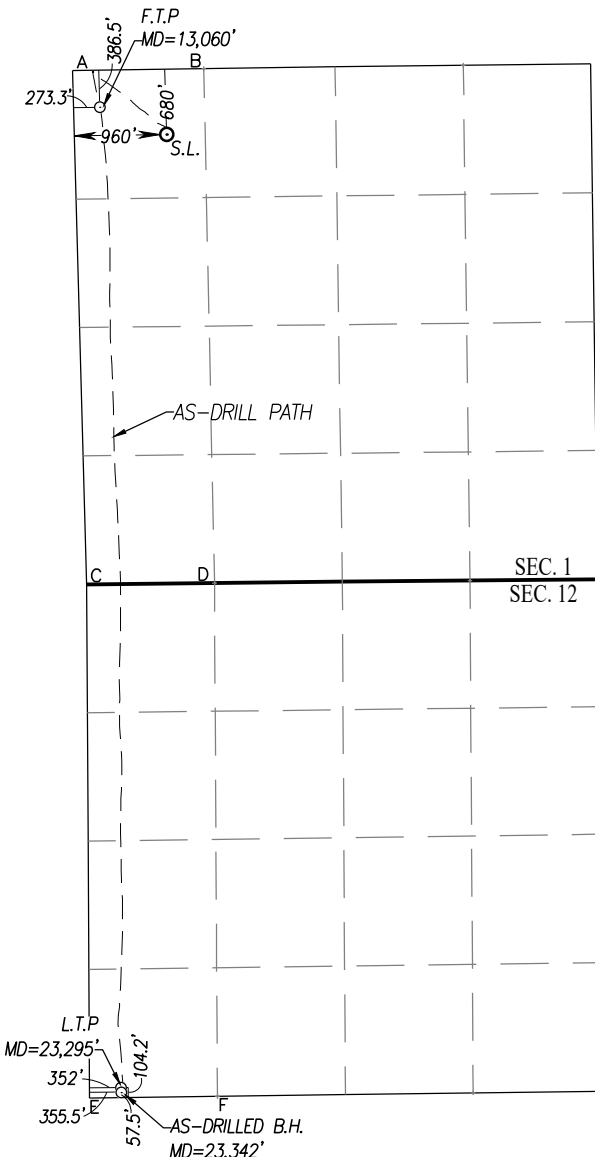
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	1	26-S	32-E		680	NORTH	960	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	12	26-S	32-E		57.5	SOUTH	355.5	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 27 NME
SURFACE LOCATION
Y= 392709.1 N
X= 716693.4 E
LAT.=32.077741° N
LONG.=103.633727° W

GEODETIC COORDINATES
NAD 83 NME
SURFACE LOCATION
Y= 392766.6 N
X= 757880.0 E
LAT.=32.077866° N
LONG.=103.634198° W

FIRST TAKE POINT
NAD 27 NME
Y= 392992.3 N
X= 715998.7 E
LAT.=32.078532° N
LONG.=103.635964° W

FIRST TAKE POINT
NAD 83 NME
Y= 393049.8 N
X= 757185.3 E
LAT.=32.078657° N
LONG.=103.636435° W

CORNER COORDINATES TABLE

NAD 27 NME
A - Y= 393374.5 N, X= 715714.9 E
B - Y= 393394.8 N, X= 717081.4 E
C - Y= 388025.8 N, X= 715861.6 E
D - Y= 388039.4 N, X= 717192.6 E
E - Y= 382677.2 N, X= 715890.2 E
F - Y= 382694.3 N, X= 717222.3 E

CORNER COORDINATES TABLE

NAD 83 NME
A - Y= 393432.1 N, X= 756901.4 E
B - Y= 393452.3 N, X= 758267.9 E
C - Y= 388083.2 N, X= 757048.4 E
D - Y= 388096.8 N, X= 758379.4 E
E - Y= 382734.5 N, X= 757077.2 E
F - Y= 382751.6 N, X= 758409.4 E

LAST TAKE POINT
NAD 27 NME
Y= 382785.9 N
X= 716241.5 E
LAT.=32.050472° N
LONG.=103.635393° W

LAST TAKE POINT
NAD 83 NME
Y= 382843.2 N
X= 757428.5 E
LAT.=32.050597° N
LONG.=103.635863° W

AS-DRILLED BOTTOM HOLE LOCATION
NAD 27 NME
Y= 382739.2 N
X= 716245.3 E
LAT.=32.050344° N
LONG.=103.635382° W

AS-DRILLED BOTTOM HOLE LOCATION
NAD 83 NME
Y= 382796.5 N
X= 757432.3 E
LAT.=32.050469° N
LONG.=103.635852° W

NOTE: AS-DRILLED BOTTOM HOLE, LAST TAKE POINT, AND FIRST TAKE POINT PLOTTED FROM DATA FURNISHED BY KLX DIRECTIONAL DRILLING ON AUGUST 07, 2022.

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 4/10/2023

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.

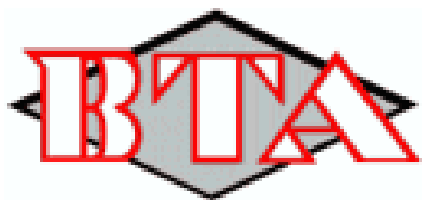
NOVEMBER 26 2019

Date of Survey 12641
Signature Seal of Professional Surveyor

ACK REL.W.O.: 19111264 JWSC W.O.: 23.13.0088

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

ACK REL.W.O.: 19111264 JWSC W.O.: 23.13.0088



BTA Oil Producers, LLC

Lea County, NM (NAD 83)

Sec 1, T26-S, R32-E

Mesa 8105 1-12 Fed #73H

Wellbore #1

Design: Wellbore #1

Survey Report - Geographic

07 August, 2022





KLX
Survey Report - Geographic



Company:	BTA Oil Producers, LLC	Local Co-ordinate Reference:	Well Mesa 8105 1-12 Fed #73H
Project:	Lea County, NM (NAD 83)	TVD Reference:	WELL @ 3361.0usft (Patterson #282)
Site:	Sec 1, T26-S, R32-E	MD Reference:	WELL @ 3361.0usft (Patterson #282)
Well:	Mesa 8105 1-12 Fed #73H	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 1, T26-S, R32-E			
Site Position:		Northing:	393,099.20 usft	Latitude:	32° 4' 43.446 N
From:	Map	Easting:	760,413.30 usft	Longitude:	103° 37' 33.646 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.38 °

Well		Mesa 8105 1-12 Fed #73H				
Well Position	+N/-S	0.0 usft	Northing:	392,766.60 usft	Latitude:	32° 4' 40.318 N
	+E/-W	0.0 usft	Easting:	757,880.00 usft	Longitude:	103° 38' 3.114 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,336.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2022	4/29/2022	6.37	59.63	47,467.00000000

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	182.72	

Survey Program	Date	8/7/2022			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
185.0	23,342.0	KLX 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	392,766.60	757,880.00	32° 4' 40.318 N	103° 38' 3.114 W
185.0	0.40	119.10	185.0	-0.3	0.6	392,766.28	757,880.56	32° 4' 40.315 N	103° 38' 3.108 W
First MWD Survey @ 185.0' MD / 185.0' TVD									
319.0	0.20	24.90	319.0	-0.3	1.1	392,766.27	757,881.07	32° 4' 40.315 N	103° 38' 3.102 W
502.0	0.40	358.60	502.0	0.6	1.2	392,767.20	757,881.19	32° 4' 40.324 N	103° 38' 3.100 W
597.0	0.70	356.10	597.0	1.5	1.1	392,768.11	757,881.14	32° 4' 40.333 N	103° 38' 3.101 W
691.0	0.50	335.20	691.0	2.5	0.9	392,769.05	757,880.93	32° 4' 40.343 N	103° 38' 3.103 W
785.0	0.50	8.60	785.0	3.2	0.8	392,769.83	757,880.82	32° 4' 40.350 N	103° 38' 3.104 W
859.0	0.60	356.80	859.0	3.9	0.8	392,770.54	757,880.84	32° 4' 40.357 N	103° 38' 3.104 W
931.0	0.40	34.10	931.0	4.5	1.0	392,771.12	757,880.96	32° 4' 40.363 N	103° 38' 3.103 W
1,025.0	0.30	12.90	1,025.0	5.0	1.2	392,771.63	757,881.20	32° 4' 40.368 N	103° 38' 3.100 W
1,120.0	2.80	1.60	1,119.9	7.6	1.3	392,774.20	757,881.32	32° 4' 40.394 N	103° 38' 3.098 W



KLX
Survey Report - Geographic



Company:	BTA Oil Producers, LLC	Local Co-ordinate Reference:	Well Mesa 8105 1-12 Fed #73H
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Well:	Mesa 8105 1-12 Fed #73H	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
1,214.0	4.00	8.50	1,213.8	13.1	1.9	392,779.73	757,881.87	32° 4' 40.448 N	103° 38' 3.091 W
1,309.0	4.10	9.00	1,308.5	19.8	2.9	392,786.36	757,882.89	32° 4' 40.514 N	103° 38' 3.079 W
1,403.0	4.20	9.30	1,402.3	26.5	4.0	392,793.08	757,883.98	32° 4' 40.580 N	103° 38' 3.066 W
1,498.0	4.00	13.50	1,497.0	33.1	5.3	392,799.74	757,885.31	32° 4' 40.646 N	103° 38' 3.050 W
1,592.0	4.00	13.60	1,590.8	39.5	6.9	392,806.11	757,886.85	32° 4' 40.709 N	103° 38' 3.032 W
1,687.0	4.80	353.20	1,685.5	46.7	7.2	392,813.28	757,887.16	32° 4' 40.780 N	103° 38' 3.027 W
1,781.0	6.10	345.30	1,779.1	55.4	5.4	392,822.01	757,885.42	32° 4' 40.866 N	103° 38' 3.047 W
1,876.0	6.50	332.20	1,873.5	65.1	1.6	392,831.65	757,881.63	32° 4' 40.962 N	103° 38' 3.090 W
1,970.0	6.50	312.70	1,966.9	73.4	-4.8	392,839.97	757,875.24	32° 4' 41.045 N	103° 38' 3.164 W
2,064.0	7.30	298.50	2,060.3	79.8	-13.9	392,846.43	757,866.08	32° 4' 41.109 N	103° 38' 3.270 W
2,158.0	7.80	299.30	2,153.5	85.8	-24.7	392,852.40	757,855.27	32° 4' 41.169 N	103° 38' 3.395 W
2,253.0	8.80	299.60	2,247.5	92.5	-36.7	392,859.14	757,843.33	32° 4' 41.237 N	103° 38' 3.533 W
2,347.0	6.90	296.70	2,340.6	98.6	-48.0	392,865.23	757,832.03	32° 4' 41.298 N	103° 38' 3.664 W
2,442.0	5.20	289.90	2,435.0	102.7	-57.1	392,869.26	757,822.89	32° 4' 41.338 N	103° 38' 3.770 W
2,536.0	5.40	291.60	2,528.6	105.7	-65.2	392,872.34	757,814.77	32° 4' 41.369 N	103° 38' 3.864 W
2,630.0	5.60	293.80	2,622.2	109.2	-73.5	392,875.82	757,806.46	32° 4' 41.404 N	103° 38' 3.961 W
2,724.0	5.90	296.00	2,715.7	113.2	-82.1	392,879.79	757,797.92	32° 4' 41.444 N	103° 38' 4.060 W
2,818.0	6.30	295.00	2,809.2	117.5	-91.1	392,884.09	757,788.90	32° 4' 41.487 N	103° 38' 4.164 W
2,913.0	6.90	297.80	2,903.6	122.4	-100.9	392,888.95	757,779.13	32° 4' 41.536 N	103° 38' 4.277 W
3,007.0	6.80	301.70	2,996.9	127.9	-110.6	392,894.51	757,769.40	32° 4' 41.591 N	103° 38' 4.390 W
3,101.0	6.80	301.60	3,090.2	133.7	-120.1	392,900.35	757,759.93	32° 4' 41.650 N	103° 38' 4.500 W
3,195.0	7.20	305.80	3,183.5	140.1	-129.6	392,906.71	757,750.41	32° 4' 41.713 N	103° 38' 4.610 W
3,289.0	6.90	311.80	3,276.8	147.3	-138.6	392,913.92	757,741.42	32° 4' 41.785 N	103° 38' 4.714 W
3,383.0	6.20	319.10	3,370.2	154.9	-146.1	392,921.52	757,733.89	32° 4' 41.861 N	103° 38' 4.801 W
3,478.0	6.00	328.80	3,464.7	163.0	-152.0	392,929.65	757,727.96	32° 4' 41.942 N	103° 38' 4.869 W
3,572.0	7.80	320.00	3,558.0	172.1	-158.7	392,938.73	757,721.31	32° 4' 42.032 N	103° 38' 4.945 W
3,667.0	8.70	323.50	3,652.0	182.9	-167.1	392,949.45	757,712.90	32° 4' 42.139 N	103° 38' 5.042 W
3,761.0	9.30	313.50	3,744.9	193.8	-176.8	392,960.39	757,703.16	32° 4' 42.247 N	103° 38' 5.155 W
3,856.0	9.50	309.00	3,838.6	204.0	-188.5	392,970.61	757,691.50	32° 4' 42.349 N	103° 38' 5.290 W
3,950.0	9.40	309.10	3,931.3	213.7	-200.5	392,980.33	757,679.51	32° 4' 42.446 N	103° 38' 5.428 W
4,045.0	8.90	311.50	4,025.1	223.5	-212.0	392,990.10	757,667.99	32° 4' 42.544 N	103° 38' 5.561 W
4,139.0	7.20	316.70	4,118.2	232.6	-221.5	392,999.20	757,658.50	32° 4' 42.634 N	103° 38' 5.671 W
4,234.0	8.30	306.80	4,212.3	241.0	-231.1	393,007.64	757,648.92	32° 4' 42.719 N	103° 38' 5.782 W
4,328.0	8.80	301.00	4,305.3	248.8	-242.7	393,015.41	757,637.33	32° 4' 42.796 N	103° 38' 5.916 W
4,422.0	7.60	297.80	4,398.3	255.4	-254.3	393,022.01	757,625.67	32° 4' 42.862 N	103° 38' 6.051 W
4,516.0	7.80	298.00	4,491.5	261.3	-265.5	393,027.91	757,614.54	32° 4' 42.921 N	103° 38' 6.180 W
4,610.0	10.90	308.00	4,584.2	269.8	-278.1	393,036.38	757,601.90	32° 4' 43.006 N	103° 38' 6.326 W
4,705.0	11.40	309.80	4,677.4	281.3	-292.4	393,047.92	757,587.60	32° 4' 43.121 N	103° 38' 6.491 W
4,799.0	11.60	311.90	4,769.5	293.6	-306.6	393,060.17	757,573.43	32° 4' 43.243 N	103° 38' 6.655 W
4,893.0	12.00	312.90	4,861.5	306.5	-320.8	393,073.14	757,559.24	32° 4' 43.372 N	103° 38' 6.819 W
4,987.0	12.90	312.80	4,953.3	320.3	-335.6	393,086.92	757,544.38	32° 4' 43.510 N	103° 38' 6.991 W
5,081.0	13.70	313.40	5,044.8	335.1	-351.4	393,101.70	757,528.60	32° 4' 43.657 N	103° 38' 7.173 W
5,176.0	11.50	312.30	5,137.5	349.2	-366.6	393,115.80	757,513.42	32° 4' 43.797 N	103° 38' 7.348 W
5,270.0	10.50	311.10	5,229.8	361.1	-380.0	393,127.74	757,500.03	32° 4' 43.916 N	103° 38' 7.503 W
5,364.0	10.50	309.80	5,322.2	372.3	-393.0	393,138.85	757,487.00	32° 4' 44.027 N	103° 38' 7.654 W
5,458.0	10.90	309.90	5,414.6	383.4	-406.4	393,150.03	757,473.60	32° 4' 44.139 N	103° 38' 7.809 W
5,552.0	11.50	309.10	5,506.8	395.0	-420.5	393,161.65	757,459.51	32° 4' 44.255 N	103° 38' 7.971 W
5,646.0	12.10	308.90	5,598.8	407.1	-435.4	393,173.74	757,444.57	32° 4' 44.375 N	103° 38' 8.144 W
5,740.0	12.00	307.30	5,690.7	419.3	-450.9	393,185.85	757,429.13	32° 4' 44.496 N	103° 38' 8.323 W
5,834.0	12.40	305.40	5,782.6	431.0	-466.9	393,197.62	757,413.13	32° 4' 44.614 N	103° 38' 8.508 W
5,929.0	12.50	304.90	5,875.4	442.8	-483.6	393,209.41	757,396.38	32° 4' 44.731 N	103° 38' 8.702 W
6,023.0	13.10	305.10	5,967.0	454.8	-500.7	393,221.35	757,379.32	32° 4' 44.851 N	103° 38' 8.899 W
6,117.0	11.70	305.40	6,058.8	466.4	-517.2	393,233.00	757,362.84	32° 4' 44.967 N	103° 38' 9.090 W
6,212.0	10.30	304.70	6,152.1	476.8	-532.0	393,243.42	757,348.00	32° 4' 45.071 N	103° 38' 9.261 W
6,306.0	10.80	305.10	6,244.5	486.7	-546.1	393,253.27	757,333.89	32° 4' 45.169 N	103° 38' 9.425 W



KLX
Survey Report - Geographic



Company:	BTA Oil Producers, LLC	Local Co-ordinate Reference:	Well Mesa 8105 1-12 Fed #73H
Project:	Lea County, NM (NAD 83)	TVD Reference:	WELL @ 3361.0usft (Patterson #282)
Site:	Sec 1, T26-S, R32-E	MD Reference:	WELL @ 3361.0usft (Patterson #282)
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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
6,401.0	11.70	305.20	6,337.7	497.3	-561.3	393,263.94	757,318.73	32° 4' 45.276 N	103° 38' 9.600 W
6,495.0	12.50	306.50	6,429.6	508.9	-577.2	393,275.48	757,302.77	32° 4' 45.391 N	103° 38' 9.785 W
6,589.0	10.80	307.10	6,521.7	520.2	-592.4	393,286.84	757,287.57	32° 4' 45.505 N	103° 38' 9.960 W
6,683.0	9.50	304.10	6,614.2	529.9	-605.9	393,296.51	757,274.12	32° 4' 45.601 N	103° 38' 10.116 W
6,777.0	9.70	302.50	6,706.9	538.5	-619.0	393,305.11	757,261.02	32° 4' 45.687 N	103° 38' 10.268 W
6,871.0	9.90	302.30	6,799.5	547.1	-632.5	393,313.68	757,247.51	32° 4' 45.773 N	103° 38' 10.424 W
6,965.0	10.10	302.20	6,892.1	555.8	-646.3	393,322.39	757,233.70	32° 4' 45.860 N	103° 38' 10.584 W
7,059.0	10.10	300.30	6,984.6	564.3	-660.4	393,330.94	757,219.61	32° 4' 45.945 N	103° 38' 10.747 W
7,119.6	9.69	306.04	7,044.3	570.0	-669.1	393,336.63	757,210.90	32° 4' 46.002 N	103° 38' 10.848 W
100' PA Crossed @ 7119.6' MD / 7044.3' TVD									
7,154.0	9.50	309.50	7,078.2	573.5	-673.6	393,340.13	757,206.37	32° 4' 46.037 N	103° 38' 10.900 W
7,248.0	9.70	312.90	7,170.9	583.9	-685.4	393,350.46	757,194.58	32° 4' 46.140 N	103° 38' 11.036 W
7,342.0	10.20	312.60	7,263.5	594.9	-697.3	393,361.48	757,182.65	32° 4' 46.250 N	103° 38' 11.174 W
7,436.0	10.70	311.80	7,355.9	606.3	-710.0	393,372.93	757,170.02	32° 4' 46.364 N	103° 38' 11.320 W
7,530.0	8.40	310.70	7,448.6	616.6	-721.7	393,383.23	757,158.31	32° 4' 46.467 N	103° 38' 11.456 W
7,624.0	5.50	310.10	7,541.9	624.0	-730.3	393,390.61	757,149.66	32° 4' 46.540 N	103° 38' 11.556 W
7,719.0	3.90	321.90	7,636.6	629.5	-735.8	393,396.08	757,144.18	32° 4' 46.595 N	103° 38' 11.619 W
7,813.0	2.80	332.40	7,730.4	634.0	-738.9	393,400.63	757,141.14	32° 4' 46.640 N	103° 38' 11.654 W
7,907.0	2.60	331.10	7,824.3	637.9	-740.9	393,404.54	757,139.05	32° 4' 46.679 N	103° 38' 11.678 W
8,001.0	2.70	328.30	7,918.2	641.7	-743.1	393,408.29	757,136.86	32° 4' 46.716 N	103° 38' 11.703 W
8,095.0	2.60	325.70	8,012.1	645.3	-745.5	393,411.93	757,134.49	32° 4' 46.752 N	103° 38' 11.730 W
8,189.0	1.60	324.70	8,106.1	648.2	-747.5	393,414.76	757,132.53	32° 4' 46.780 N	103° 38' 11.753 W
8,283.0	1.20	329.70	8,200.0	650.1	-748.7	393,416.68	757,131.28	32° 4' 46.799 N	103° 38' 11.767 W
8,377.0	1.20	319.20	8,294.0	651.7	-749.9	393,418.28	757,130.14	32° 4' 46.815 N	103° 38' 11.780 W
8,471.0	0.70	325.30	8,388.0	652.9	-750.8	393,419.50	757,129.17	32° 4' 46.827 N	103° 38' 11.792 W
8,566.0	0.70	321.80	8,483.0	653.8	-751.5	393,420.43	757,128.48	32° 4' 46.837 N	103° 38' 11.799 W
8,660.0	0.70	316.30	8,577.0	654.7	-752.3	393,421.30	757,127.73	32° 4' 46.845 N	103° 38' 11.808 W
8,755.0	0.90	306.10	8,672.0	655.6	-753.3	393,422.16	757,126.72	32° 4' 46.854 N	103° 38' 11.820 W
8,849.0	1.00	301.60	8,766.0	656.4	-754.6	393,423.02	757,125.43	32° 4' 46.862 N	103° 38' 11.835 W
8,943.0	0.90	295.60	8,860.0	657.2	-755.9	393,423.77	757,124.06	32° 4' 46.870 N	103° 38' 11.851 W
9,038.0	0.90	295.50	8,955.0	657.8	-757.3	393,424.41	757,122.72	32° 4' 46.876 N	103° 38' 11.866 W
9,133.0	0.90	306.20	9,049.9	658.6	-758.6	393,425.17	757,121.44	32° 4' 46.884 N	103° 38' 11.881 W
9,228.0	0.70	291.60	9,144.9	659.2	-759.7	393,425.83	757,120.30	32° 4' 46.891 N	103° 38' 11.894 W
9,322.0	1.10	291.10	9,238.9	659.8	-761.1	393,426.36	757,118.92	32° 4' 46.896 N	103° 38' 11.910 W
9,417.0	0.70	306.10	9,333.9	660.4	-762.4	393,427.03	757,117.60	32° 4' 46.903 N	103° 38' 11.925 W
9,511.0	1.00	259.60	9,427.9	660.6	-763.7	393,427.23	757,116.33	32° 4' 46.905 N	103° 38' 11.940 W
9,605.0	1.80	142.90	9,521.9	659.3	-763.6	393,425.90	757,116.42	32° 4' 46.891 N	103° 38' 11.939 W
9,699.0	1.40	90.50	9,615.8	658.1	-761.5	393,424.71	757,118.46	32° 4' 46.880 N	103° 38' 11.916 W
9,794.0	0.70	38.10	9,710.8	658.6	-760.0	393,425.16	757,119.97	32° 4' 46.884 N	103° 38' 11.898 W
9,888.0	0.80	80.80	9,804.8	659.1	-759.0	393,425.72	757,120.98	32° 4' 46.889 N	103° 38' 11.886 W
9,983.0	1.20	274.20	9,899.8	659.3	-759.4	393,425.89	757,120.64	32° 4' 46.891 N	103° 38' 11.890 W
10,077.0	1.40	273.60	9,993.8	659.4	-761.5	393,426.04	757,118.51	32° 4' 46.893 N	103° 38' 11.915 W
10,172.0	0.30	168.20	10,088.8	659.3	-762.6	393,425.87	757,117.40	32° 4' 46.891 N	103° 38' 11.928 W
10,266.0	0.50	195.50	10,182.8	658.6	-762.7	393,425.23	757,117.34	32° 4' 46.885 N	103° 38' 11.928 W
10,361.0	0.70	204.40	10,277.8	657.7	-763.0	393,424.30	757,116.99	32° 4' 46.876 N	103° 38' 11.933 W
10,455.0	0.80	163.10	10,371.8	656.6	-763.0	393,423.15	757,116.95	32° 4' 46.864 N	103° 38' 11.933 W
10,549.0	1.20	137.00	10,465.8	655.2	-762.2	393,421.81	757,117.81	32° 4' 46.851 N	103° 38' 11.923 W
10,644.0	1.30	139.80	10,560.7	653.7	-760.8	393,420.25	757,119.18	32° 4' 46.835 N	103° 38' 11.907 W
10,738.0	0.90	139.20	10,654.7	652.3	-759.6	393,418.88	757,120.35	32° 4' 46.822 N	103° 38' 11.894 W
10,832.0	1.40	225.60	10,748.7	650.9	-760.0	393,417.52	757,120.02	32° 4' 46.808 N	103° 38' 11.898 W
10,927.0	1.40	266.90	10,843.7	650.0	-762.0	393,416.64	757,118.03	32° 4' 46.800 N	103° 38' 11.921 W
11,021.0	2.00	293.70	10,937.6	650.6	-764.6	393,417.24	757,115.38	32° 4' 46.806 N	103° 38' 11.952 W
11,116.0	1.40	321.40	11,032.6	652.2	-766.9	393,418.81	757,113.14	32° 4' 46.822 N	103° 38' 11.978 W
11,210.0	1.20	31.00	11,126.6	654.0	-767.1	393,420.56	757,112.93	32° 4' 46.839 N	103° 38' 11.980 W
11,305.0	1.70	26.80	11,221.5	656.1	-765.9	393,422.67	757,114.08	32° 4' 46.860 N	103° 38' 11.967 W



KLX
Survey Report - Geographic



Company:	BTA Oil Producers, LLC	Local Co-ordinate Reference:	Well Mesa 8105 1-12 Fed #73H
Project:	Lea County, NM (NAD 83)	TVD Reference:	WELL @ 3361.0usft (Patterson #282)
Site:	Sec 1, T26-S, R32-E	MD Reference:	WELL @ 3361.0usft (Patterson #282)
Well:	Mesa 8105 1-12 Fed #73H	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
11,399.0	1.30	75.40	11,315.5	657.6	-764.3	393,424.18	757,115.74	32° 4' 46.874 N	103° 38' 11.947 W
11,493.0	0.70	77.10	11,409.5	658.0	-762.7	393,424.58	757,117.33	32° 4' 46.878 N	103° 38' 11.929 W
11,588.0	0.40	76.00	11,504.5	658.2	-761.8	393,424.79	757,118.22	32° 4' 46.880 N	103° 38' 11.918 W
11,682.0	0.10	287.20	11,598.5	658.3	-761.5	393,424.89	757,118.46	32° 4' 46.881 N	103° 38' 11.916 W
11,777.0	0.60	312.70	11,693.5	658.7	-762.0	393,425.25	757,118.01	32° 4' 46.885 N	103° 38' 11.921 W
11,871.0	0.80	265.00	11,787.5	658.9	-763.0	393,425.53	757,117.00	32° 4' 46.888 N	103° 38' 11.933 W
11,965.0	1.10	191.60	11,881.5	658.0	-763.8	393,424.59	757,116.16	32° 4' 46.878 N	103° 38' 11.942 W
12,059.0	1.50	188.00	11,975.5	655.9	-764.2	393,422.49	757,115.81	32° 4' 46.858 N	103° 38' 11.947 W
12,154.0	1.60	193.30	12,070.4	653.4	-764.7	393,419.96	757,115.33	32° 4' 46.833 N	103° 38' 11.952 W
12,248.0	1.50	194.30	12,164.4	650.9	-765.3	393,417.49	757,114.72	32° 4' 46.808 N	103° 38' 11.960 W
12,261.0	1.60	193.80	12,177.4	650.6	-765.4	393,417.15	757,114.64	32° 4' 46.805 N	103° 38' 11.961 W
12,410.0	1.60	205.10	12,326.3	646.7	-766.7	393,413.25	757,113.26	32° 4' 46.766 N	103° 38' 11.977 W
12,504.0	11.20	173.50	12,419.6	636.4	-766.3	393,402.96	757,113.74	32° 4' 46.665 N	103° 38' 11.972 W
12,599.0	23.10	164.50	12,510.3	609.1	-760.2	393,375.74	757,119.78	32° 4' 46.395 N	103° 38' 11.904 W
12,694.0	33.50	171.50	12,593.8	565.1	-751.3	393,331.72	757,128.67	32° 4' 45.959 N	103° 38' 11.804 W
12,788.0	46.60	168.80	12,665.6	505.7	-740.8	393,272.30	757,139.18	32° 4' 45.370 N	103° 38' 11.686 W
12,882.0	54.20	169.10	12,725.5	434.7	-727.0	393,201.26	757,153.04	32° 4' 44.666 N	103° 38' 11.530 W
12,976.0	59.30	167.50	12,777.0	357.7	-711.0	393,124.32	757,169.01	32° 4' 43.904 N	103° 38' 11.351 W
13,071.0	71.20	168.00	12,816.7	273.6	-692.7	393,040.16	757,187.26	32° 4' 43.070 N	103° 38' 11.145 W
13,103.8	73.51	168.85	12,826.7	242.9	-686.5	393,009.54	757,193.53	32° 4' 42.766 N	103° 38' 11.074 W
280' HL Crossed @ 13103.8' MD / 12826.7' TVD									
13,166.0	77.90	170.40	12,842.0	183.7	-675.6	392,950.27	757,204.38	32° 4' 42.179 N	103° 38' 10.953 W
13,261.0	84.20	176.00	12,856.8	90.6	-664.6	392,857.17	757,215.44	32° 4' 41.257 N	103° 38' 10.831 W
13,294.0	88.10	177.90	12,859.0	57.7	-662.8	392,824.30	757,217.19	32° 4' 40.932 N	103° 38' 10.813 W
13,389.0	89.10	174.20	12,861.3	-37.0	-656.3	392,729.57	757,223.73	32° 4' 39.994 N	103° 38' 10.744 W
13,484.0	89.00	172.40	12,862.9	-131.4	-645.2	392,635.23	757,234.82	32° 4' 39.060 N	103° 38' 10.622 W
13,577.0	88.60	175.00	12,864.9	-223.8	-635.0	392,542.82	757,245.02	32° 4' 38.145 N	103° 38' 10.511 W
13,672.0	89.30	175.20	12,866.6	-318.4	-626.9	392,448.19	757,253.13	32° 4' 37.208 N	103° 38' 10.424 W
13,765.0	89.70	177.40	12,867.4	-411.2	-620.9	392,355.39	757,259.13	32° 4' 36.289 N	103° 38' 10.361 W
13,860.0	90.70	177.10	12,867.1	-506.1	-616.3	392,260.50	757,263.69	32° 4' 35.350 N	103° 38' 10.315 W
13,955.0	92.80	176.70	12,864.2	-600.9	-611.2	392,165.69	757,268.82	32° 4' 34.411 N	103° 38' 10.263 W
14,050.0	91.90	178.00	12,860.3	-695.7	-606.8	392,070.87	757,273.21	32° 4' 33.473 N	103° 38' 10.219 W
14,143.0	93.60	178.20	12,855.8	-788.6	-603.7	391,978.04	757,276.29	32° 4' 32.554 N	103° 38' 10.190 W
14,239.0	91.10	177.10	12,851.9	-884.4	-599.8	391,882.21	757,280.23	32° 4' 31.605 N	103° 38' 10.151 W
14,333.0	89.10	176.80	12,851.7	-978.3	-594.8	391,788.34	757,285.23	32° 4' 30.676 N	103° 38' 10.100 W
14,427.0	87.80	178.20	12,854.3	-1,072.1	-590.7	391,694.47	757,289.33	32° 4' 29.747 N	103° 38' 10.060 W
14,521.0	88.40	178.60	12,857.4	-1,166.0	-588.0	391,600.56	757,291.95	32° 4' 28.818 N	103° 38' 10.036 W
14,616.0	88.40	180.30	12,860.0	-1,261.0	-587.1	391,505.61	757,292.86	32° 4' 27.878 N	103° 38' 10.033 W
14,710.0	90.10	180.50	12,861.3	-1,355.0	-587.8	391,411.62	757,292.20	32° 4' 26.948 N	103° 38' 10.047 W
14,805.0	92.00	180.70	12,859.5	-1,450.0	-588.8	391,316.65	757,291.21	32° 4' 26.008 N	103° 38' 10.066 W
14,899.0	93.70	180.60	12,854.9	-1,543.8	-589.9	391,222.77	757,290.14	32° 4' 25.079 N	103° 38' 10.086 W
14,993.0	95.90	180.30	12,847.0	-1,637.5	-590.6	391,129.11	757,289.41	32° 4' 24.152 N	103° 38' 10.101 W
15,088.0	94.50	179.20	12,838.4	-1,732.1	-590.2	391,034.51	757,289.82	32° 4' 23.216 N	103° 38' 10.103 W
15,182.0	91.90	177.80	12,833.1	-1,825.9	-587.7	390,940.70	757,292.28	32° 4' 22.288 N	103° 38' 10.082 W
15,276.0	88.40	178.20	12,832.9	-1,919.8	-584.4	390,846.77	757,295.56	32° 4' 21.358 N	103° 38' 10.051 W
15,371.0	91.80	180.70	12,832.7	-2,014.8	-583.5	390,751.79	757,296.47	32° 4' 20.418 N	103° 38' 10.047 W
15,466.0	93.20	179.30	12,828.6	-2,109.7	-583.5	390,656.89	757,296.47	32° 4' 19.479 N	103° 38' 10.054 W
15,561.0	92.60	177.10	12,823.8	-2,204.5	-580.5	390,562.06	757,299.45	32° 4' 18.540 N	103° 38' 10.027 W
15,655.0	91.10	176.10	12,820.7	-2,298.3	-575.0	390,468.28	757,305.02	32° 4' 17.612 N	103° 38' 9.969 W
15,749.0	90.50	177.00	12,819.4	-2,392.1	-569.3	390,374.46	757,310.68	32° 4' 16.683 N	103° 38' 9.911 W
15,843.0	90.50	177.70	12,818.6	-2,486.0	-565.0	390,280.57	757,315.03	32° 4' 15.754 N	103° 38' 9.867 W
15,938.0	92.90	178.10	12,815.8	-2,580.9	-561.5	390,185.68	757,318.51	32° 4' 14.815 N	103° 38' 9.834 W
16,032.0	90.00	177.70	12,813.4	-2,674.8	-558.0	390,091.78	757,321.95	32° 4' 13.885 N	103° 38' 9.801 W
16,127.0	86.20	178.60	12,816.6	-2,769.7	-555.0	389,996.90	757,325.01	32° 4' 12.946 N	103° 38' 9.772 W
16,221.0	85.90	178.70	12,823.0	-2,863.4	-552.8	389,903.15	757,327.22	32° 4' 12.018 N	103° 38' 9.754 W



KLX
Survey Report - Geographic



Company:	BTA Oil Producers, LLC	Local Co-ordinate Reference:	Well Mesa 8105 1-12 Fed #73H
Project:	Lea County, NM (NAD 83)	TVD Reference:	WELL @ 3361.0usft (Patterson #282)
Site:	Sec 1, T26-S, R32-E	MD Reference:	WELL @ 3361.0usft (Patterson #282)
Well:	Mesa 8105 1-12 Fed #73H	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
16,316.0	87.30	178.60	12,828.7	-2,958.2	-550.5	389,808.35	757,329.46	32° 4' 11.080 N	103° 38' 9.735 W
16,411.0	89.10	179.00	12,831.7	-3,053.2	-548.6	389,713.42	757,331.45	32° 4' 10.141 N	103° 38' 9.719 W
16,506.0	90.30	179.80	12,832.1	-3,148.2	-547.6	389,618.43	757,332.44	32° 4' 9.201 N	103° 38' 9.714 W
16,599.0	92.40	178.80	12,830.0	-3,241.1	-546.4	389,525.47	757,333.58	32° 4' 8.281 N	103° 38' 9.708 W
16,693.0	89.10	177.70	12,828.7	-3,335.1	-543.6	389,431.54	757,336.45	32° 4' 7.351 N	103° 38' 9.682 W
16,787.0	91.30	177.50	12,828.4	-3,429.0	-539.6	389,337.62	757,340.38	32° 4' 6.421 N	103° 38' 9.643 W
16,881.0	90.80	176.90	12,826.7	-3,522.8	-535.0	389,243.75	757,344.97	32° 4' 5.492 N	103° 38' 9.597 W
16,975.0	90.20	175.90	12,825.9	-3,616.7	-529.1	389,149.94	757,350.88	32° 4' 4.563 N	103° 38' 9.535 W
17,069.0	86.30	176.60	12,828.7	-3,710.4	-523.0	389,056.21	757,357.02	32° 4' 3.636 N	103° 38' 9.471 W
17,164.0	86.90	177.10	12,834.4	-3,805.1	-517.8	388,961.52	757,362.23	32° 4' 2.698 N	103° 38' 9.418 W
17,258.0	88.00	176.90	12,838.5	-3,898.9	-512.9	388,867.74	757,367.15	32° 4' 1.770 N	103° 38' 9.368 W
17,352.0	89.50	177.20	12,840.6	-3,992.7	-508.0	388,773.89	757,371.98	32° 4' 0.841 N	103° 38' 9.318 W
17,447.0	91.50	177.50	12,839.8	-4,087.6	-503.6	388,679.00	757,376.37	32° 3' 59.902 N	103° 38' 9.274 W
17,541.0	93.40	177.30	12,835.7	-4,181.4	-499.4	388,585.19	757,380.63	32° 3' 58.973 N	103° 38' 9.232 W
17,636.0	91.60	177.60	12,831.6	-4,276.2	-495.1	388,490.38	757,384.86	32° 3' 58.035 N	103° 38' 9.190 W
17,730.0	89.50	177.40	12,830.7	-4,370.1	-491.0	388,396.48	757,388.96	32° 3' 57.105 N	103° 38' 9.149 W
17,824.0	89.20	177.10	12,831.8	-4,464.0	-486.5	388,302.59	757,393.47	32° 3' 56.176 N	103° 38' 9.104 W
17,919.0	88.00	177.00	12,834.1	-4,558.9	-481.6	388,207.75	757,398.35	32° 3' 55.237 N	103° 38' 9.054 W
18,014.0	86.30	179.70	12,838.8	-4,653.7	-478.9	388,112.92	757,401.09	32° 3' 54.298 N	103° 38' 9.030 W
18,108.0	86.80	179.60	12,844.5	-4,747.5	-478.3	388,019.09	757,401.66	32° 3' 53.370 N	103° 38' 9.030 W
18,203.0	88.00	179.90	12,848.8	-4,842.4	-477.9	387,924.19	757,402.07	32° 3' 52.431 N	103° 38' 9.033 W
18,297.0	89.80	180.30	12,850.6	-4,936.4	-478.1	387,830.21	757,401.91	32° 3' 51.501 N	103° 38' 9.041 W
18,391.0	91.20	180.70	12,849.8	-5,030.4	-478.9	387,736.22	757,401.09	32° 3' 50.571 N	103° 38' 9.058 W
18,485.0	85.20	179.10	12,852.7	-5,124.3	-478.7	387,642.31	757,401.25	32° 3' 49.641 N	103° 38' 9.063 W
18,580.0	87.60	181.50	12,858.7	-5,219.1	-479.2	387,547.51	757,400.75	32° 3' 48.703 N	103° 38' 9.076 W
18,675.0	89.80	182.00	12,860.8	-5,314.0	-482.1	387,452.59	757,397.85	32° 3' 47.764 N	103° 38' 9.117 W
18,769.0	90.80	182.00	12,860.3	-5,407.9	-485.4	387,358.65	757,394.57	32° 3' 46.835 N	103° 38' 9.162 W
18,863.0	91.10	181.80	12,858.8	-5,501.9	-488.5	387,264.71	757,391.46	32° 3' 45.905 N	103° 38' 9.205 W
18,958.0	92.10	181.00	12,856.1	-5,596.8	-490.9	387,169.78	757,389.13	32° 3' 44.966 N	103° 38' 9.240 W
19,052.0	90.70	178.50	12,853.8	-5,690.8	-490.5	387,075.82	757,389.55	32° 3' 44.036 N	103° 38' 9.242 W
19,147.0	89.80	177.70	12,853.4	-5,785.7	-487.3	386,980.88	757,392.70	32° 3' 43.097 N	103° 38' 9.212 W
19,241.0	91.10	181.50	12,852.7	-5,879.7	-486.6	386,886.90	757,393.35	32° 3' 42.167 N	103° 38' 9.212 W
19,336.0	92.80	181.10	12,849.4	-5,974.6	-488.8	386,791.98	757,391.20	32° 3' 41.228 N	103° 38' 9.244 W
19,430.0	93.20	180.40	12,844.5	-6,068.5	-490.0	386,698.12	757,389.97	32° 3' 40.299 N	103° 38' 9.265 W
19,524.0	91.70	177.00	12,840.5	-6,162.4	-487.9	386,604.25	757,392.10	32° 3' 39.370 N	103° 38' 9.248 W
19,618.0	91.00	176.00	12,838.3	-6,256.1	-482.2	386,510.45	757,397.84	32° 3' 38.441 N	103° 38' 9.188 W
19,713.0	87.50	175.60	12,839.5	-6,350.9	-475.2	386,415.73	757,404.79	32° 3' 37.503 N	103° 38' 9.114 W
19,808.0	87.00	177.00	12,844.1	-6,445.6	-469.1	386,321.04	757,410.92	32° 3' 36.566 N	103° 38' 9.050 W
19,902.0	87.10	178.40	12,848.9	-6,539.4	-465.3	386,227.24	757,414.68	32° 3' 35.638 N	103° 38' 9.013 W
19,996.0	87.00	180.00	12,853.8	-6,633.2	-464.0	386,133.38	757,415.99	32° 3' 34.709 N	103° 38' 9.005 W
20,091.0	87.10	182.00	12,858.7	-6,728.1	-465.7	386,038.52	757,414.34	32° 3' 33.770 N	103° 38' 9.032 W
20,184.0	90.70	183.50	12,860.4	-6,820.9	-470.1	385,945.66	757,409.88	32° 3' 32.852 N	103° 38' 9.090 W
20,279.0	89.00	181.20	12,860.7	-6,915.8	-474.0	385,850.76	757,405.98	32° 3' 31.913 N	103° 38' 9.143 W
20,373.0	90.90	181.00	12,860.8	-7,009.8	-475.8	385,756.78	757,404.18	32° 3' 30.983 N	103° 38' 9.171 W
20,467.0	93.80	181.50	12,856.9	-7,103.7	-477.9	385,662.89	757,402.13	32° 3' 30.054 N	103° 38' 9.202 W
20,561.0	94.10	179.40	12,850.4	-7,197.5	-478.6	385,569.12	757,401.39	32° 3' 29.126 N	103° 38' 9.217 W
20,655.0	94.50	178.60	12,843.4	-7,291.2	-477.0	385,475.40	757,403.03	32° 3' 28.198 N	103° 38' 9.205 W
20,749.0	92.00	179.10	12,838.1	-7,385.0	-475.1	385,381.58	757,404.91	32° 3' 27.270 N	103° 38' 9.190 W
20,843.0	92.50	178.50	12,834.4	-7,478.9	-473.1	385,287.67	757,406.88	32° 3' 26.340 N	103° 38' 9.175 W
20,938.0	89.90	179.70	12,832.4	-7,573.9	-471.6	385,192.71	757,408.37	32° 3' 25.401 N	103° 38' 9.164 W
21,032.0	87.60	179.80	12,834.4	-7,667.9	-471.2	385,098.74	757,408.78	32° 3' 24.471 N	103° 38' 9.167 W
21,126.0	88.80	177.30	12,837.4	-7,761.8	-468.8	385,004.83	757,411.16	32° 3' 23.541 N	103° 38' 9.146 W
21,221.0	90.00	177.20	12,838.4	-7,856.7	-464.3	384,909.95	757,415.72	32° 3' 22.602 N	103° 38' 9.100 W
21,316.0	88.60	177.20	12,839.6	-7,951.5	-459.6	384,815.07	757,420.36	32° 3' 21.663 N	103° 38' 9.054 W
21,410.0	87.40	180.00	12,842.8	-8,045.4	-457.3	384,721.16	757,422.65	32° 3' 20.734 N	103° 38' 9.034 W



KLX
Survey Report - Geographic



Company:	BTA Oil Producers, LLC	Local Co-ordinate Reference:	Well Mesa 8105 1-12 Fed #73H
Project:	Lea County, NM (NAD 83)	TVD Reference:	WELL @ 3361.0usft (Patterson #282)
Site:	Sec 1, T26-S, R32-E	MD Reference:	WELL @ 3361.0usft (Patterson #282)
Well:	Mesa 8105 1-12 Fed #73H	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
21,504.0	89.50	180.60	12,845.4	-8,139.4	-457.8	384,627.21	757,422.16	32° 3' 19.804 N	103° 38' 9.047 W
21,598.0	91.50	179.40	12,844.6	-8,233.4	-457.8	384,533.22	757,422.16	32° 3' 18.874 N	103° 38' 9.054 W
21,692.0	88.40	181.10	12,844.6	-8,327.4	-458.2	384,439.23	757,421.75	32° 3' 17.944 N	103° 38' 9.066 W
21,786.0	87.00	182.70	12,848.4	-8,421.2	-461.4	384,345.36	757,418.64	32° 3' 17.015 N	103° 38' 9.109 W
21,881.0	88.70	182.30	12,852.0	-8,516.1	-465.5	384,250.53	757,414.50	32° 3' 16.077 N	103° 38' 9.164 W
21,975.0	90.50	182.10	12,852.6	-8,610.0	-469.1	384,156.60	757,410.89	32° 3' 15.148 N	103° 38' 9.213 W
22,070.0	92.10	181.90	12,850.5	-8,704.9	-472.4	384,061.69	757,407.57	32° 3' 14.209 N	103° 38' 9.259 W
22,163.0	88.40	182.00	12,850.1	-8,797.8	-475.6	383,968.76	757,404.41	32° 3' 13.289 N	103° 38' 9.302 W
22,258.0	88.60	182.40	12,852.6	-8,892.7	-479.2	383,873.86	757,400.76	32° 3' 12.350 N	103° 38' 9.352 W
22,352.0	89.20	181.60	12,854.4	-8,986.7	-482.5	383,779.94	757,397.48	32° 3' 11.421 N	103° 38' 9.397 W
22,446.0	90.10	187.40	12,854.9	-9,080.3	-489.9	383,686.27	757,390.11	32° 3' 10.495 N	103° 38' 9.490 W
22,541.0	89.40	186.50	12,855.3	-9,174.6	-501.4	383,591.97	757,378.62	32° 3' 9.562 N	103° 38' 9.630 W
22,636.0	88.20	177.00	12,857.3	-9,269.5	-504.3	383,497.14	757,375.72	32° 3' 8.624 N	103° 38' 9.671 W
22,730.0	88.70	173.30	12,859.9	-9,363.1	-496.3	383,403.53	757,383.66	32° 3' 7.697 N	103° 38' 9.586 W
22,824.0	89.80	173.60	12,861.1	-9,456.4	-485.6	383,310.16	757,394.38	32° 3' 6.773 N	103° 38' 9.468 W
22,919.0	91.20	173.40	12,860.3	-9,550.8	-474.9	383,215.77	757,405.14	32° 3' 5.838 N	103° 38' 9.350 W
23,014.0	88.30	177.00	12,860.7	-9,645.5	-466.9	383,121.13	757,413.08	32° 3' 4.901 N	103° 38' 9.265 W
23,108.0	86.80	178.40	12,864.7	-9,739.3	-463.1	383,027.30	757,416.85	32° 3' 3.972 N	103° 38' 9.228 W
23,202.0	85.00	176.00	12,871.4	-9,832.9	-458.6	382,933.66	757,421.43	32° 3' 3.045 N	103° 38' 9.182 W
23,282.0	84.70	175.40	12,878.6	-9,912.4	-452.6	382,854.21	757,427.40	32° 3' 2.259 N	103° 38' 9.119 W
23,298.0	84.70	175.40	12,880.1	-9,928.3	-451.3	382,838.33	757,428.68	32° 3' 2.101 N	103° 38' 9.105 W
100' FSL Crossed @ 23298.0' MD / 12880.1' TVD									
23,342.0	84.70	175.40	12,884.2	-9,971.9	-447.8	382,794.66	757,432.20	32° 3' 1.669 N	103° 38' 9.068 W
TD @ 23342.0' MD / 12884.2' TVD									

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
185.0	185.0	-0.3	0.6	First MWD Survey @ 185.0' MD / 185.0' TVD
7,119.6	7,044.3	570.0	-669.1	100' PA Crossed @ 7119.6' MD / 7044.3' TVD
13,103.8	12,826.7	242.9	-686.5	280' HL Crossed @ 13103.8' MD / 12826.7' TVD
23,298.0	12,880.1	-9,928.3	-451.3	100' FSL Crossed @ 23298.0' MD / 12880.1' TVD
23,342.0	12,884.2	-9,971.9	-447.8	TD @ 23342.0' MD / 12884.2' TVD

Intent ☐ As Drilled ☒

API # 30-025-49294		
Operator Name: BTA OIL PRODUCERS, LLC	Property Name: MESA 8105 1-12 FEDERAL	Well Number 73H

Kick Off Point (KOP)

UL	Section 1	Township 26S	Range 32E	Lot	Feet 538	From N/S N	Feet 374	From E/W W	County LEA
Latitude 32.077876					Longitude -103.634198				NAD 83

First Take Point (FTP)

UL	Section 1	Township 26S	Range 32E	Lot	Feet 538	From N/S N	Feet 374	From E/W W	County LEA
Latitude 32.078657					Longitude -103.636435				NAD 83

Last Take Point (LTP)

UL	Section 12	Township 26S	Range 32E	Lot	Feet 102	From N/S S	Feet 372	From E/W W	County LEA
Latitude 32.050597					Longitude -103.635863				NAD 83

Is this well the defining well for the Horizontal Spacing Unit? ☐ NOIs 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 # 30-025-48960		
Operator Name: BTA OIL PRODUCERS, LLC	Property Name: MESA 8105 1-12 FEDERAL	Well Number 57H

KZ 06/29/2018

WELL NAME AND API		MESA 8105 1-12 73H 30-025-49294										
<u>TD / DATE</u> <u>REACHED</u>	<u>PBTD</u>	<u>PT CSG</u> <u>PSI</u>	<u>LENGTH</u> <u>OF TEST</u> <u>AND</u> <u>RESULT</u>	<u>PERF &</u> <u>FRAC DATE</u>	<u>ZONE &</u> <u>INTERVAL</u>	<u>TOTAL</u> <u>FLUID</u>	<u>TOTAL</u> <u>SAND MM#</u>	<u>DATE</u> <u>DRILLOUT</u> <u>COMPLETE</u>	<u>GLV'S &</u> <u>TUBING</u> <u>DATE</u>	<u>TUBING DETAIL</u>	<u>PACKER</u> <u>DETAIL</u>	<u>DATE</u> <u>FLOWBACK AND</u> <u>TESTING FIRST</u> <u>PROD.</u>
08/08/2022 @23,342'	23,300'	9,500 psi	30 min. GOOD TEST.	01/17/2023 - 02/01/2023	WOLFCAMP 13,060' - 23,295'	611,673 slickwater	24.07 MM#	2/12/2023	2/17/2023	299 jts L-80 2 7/8"tbg @9,962.15'	5.5"AS1-X @9,957.45	2/27/2023

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 Revised April 3, 2017
	1. WELL API NO. 30-025-49294	
	2. Type of Lease ☐ STATE ☐ FEE ☒ FED/INDIAN	
2. State Oil & Gas Lease No. NMNM014492		

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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)	5. Lease Name or Unit Agreement Name MESA 8105 1-12 FED 6. Well Number: 73H
---	--

7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____

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 WC-025 G-09 S253236A; UPR WOLFCAMP
--	---

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	D	1	26S	32E		680	N	960	W	LEA
BH:	M	12	26S	32E		57	S	355	W	LEA

13. Date Spudded 05/12/2022	14. Date T.D. Reached 08/08/2022	15. Date Rig Released 08/10/2022	16. Date Completed (Ready to Produce) 02/27/2023	17. Elevations (DF and RKB, RT, GR, etc.) 3336' GR
18. Total Measured Depth of Well 23,342'		19. Plug Back Measured Depth 23,300'	20. Was Directional Survey Made? YES	21. Type Electric and Other Logs Run MWD

22. Producing Interval(s), of this completion - Top, Bottom, Name 13,060-23,295'	
---	--

23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10 3/4	40.5	883	14 3/4	645	
7 5/8	29.7	12,311'	8 3/4	1895	
5 1/2	20	12,096'	6 3/4	1970	
5	18	23,342'	6 3/4	1970	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8:	9,962'	9,957'

26. Perforation record (interval, size, and number) 13,060' – 23,295' 0.42 PERF HOLE 2,304 HOLES	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	23,295'	611,673 BBLS SLICK WATER, 23.83MM#s mesh native sand.

28. PRODUCTION							
Date First Production 02/27/2023		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING			Well Status (Prod. or Shut-in) PROD		
Date of Test 03/09/2023	Hours Tested 24	Choke Size 20/64	Prod'n For Test Period	Oil - Bbl 622	Gas - MCF 2596	Water - Bbl. 4354	Gas - Oil Ratio 417.36
Flow Tubing Press. 3500	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 622	Gas - MCF 2596	Water - Bbl. 4354	Oil Gravity - API - (Corr.) 46	

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 *Katy Reddell* Name KATY REDDELL Title REGULATORY ANALYST Date 04/10/2023

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 4949	T. Ojo Alamo	T. Penn A"
T. Salt 2562	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 4375	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 4754	T. Morrison	
T. Drinkard	T. Bone Springs 8966	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp 12158	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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Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 206092

ACKNOWLEDGMENTS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 206092
	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.

Sante Fe Main Office
Phone: (505) 476-3441

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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 206092

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 206092
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	None	10/8/2025