

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address BTA OIL PRODUCERS, LLC 104 S. PECOS MIDLAND, TX 79701		² OGRID Number 260297	
		³ Reason for Filing Code/ Effective Date NEW WELL	
⁴ API Number 30-025-51918	⁵ Pool Name WC-025 G-09 S173615C; UPPER PENN		⁶ Pool Code 98333
⁷ Property Code 334679	⁸ Property Name CAPITAN22301 32 5 STATE.COM		⁹ Well Number 6H

II. ¹⁰ Surface Location

UL or lot no. C	Section 32	Township 16S	Range 36E	Lot Idn	Feet from the 250	North/South L NORTH	Feet from the 1330	East/West line WEST	County LEA
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¹¹ Bottom Hole Location

UL or lot no. N	Section 5	Township 17S	Range 36E	Lot Idn	Feet from the 47	North/South line SOUTH	Feet from the 1934	East/West line WEST	County LEA
¹² Lse Code P	¹³ Producing Method FLOWING		¹⁴ Gas Connection DATE 2/27/2024		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
151618	ENTERPRISE FIELD SERVICES LLC P.O. BOX 4503 HOUSTON, TX.	O
246624	DCP MIDSTREAM, LP 10 DESTA DRIVE SUITE 400 Midland, Tx. 79705	G

IV. Well Completion Data

²¹ Spud Date 10/17/2023	²² Ready Date 2/27/2024	²³ TD 21652	²⁴ PBTD 21642	²⁵ Perforations 11500 - 21555	²⁶ DHC, MC	
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set		³⁰ Sacks Cement
17 ½		13 3/8		1935		1545
12 ¼		9 5/8		4859		1405
8 ¾		7 5/8		10763		305
6 3/4		5 ½ X 5		10410; 21642		2445

V. Well Test Data

³¹ Date New Oil 2/27/2024	³² Gas Delivery Date 2/27/2024	³³ Test Date 3/10/2024	³⁴ Test Length 24 HOURS	³⁵ Tbg. Pressure 260	³⁶ Csg. Pressure
³⁷ Choke Size 33/64	³⁸ Oil 360	³⁹ Water 2339	⁴⁰ Gas 9	260	⁴¹ Test Method FLOWING
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Katy Reddell</i>			OIL CONSERVATION DIVISION Approved by: Title: Approval Date:		
Printed name: KATY REDDELL					
Title: REGULATORY ANALYST					
E-mail Address: kreddell@btaoil.com					
Date: 3/15/2024		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, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

30-025-51918 ¹ API Number	98333 ² Pool Code	WC-025 G-09 S173615C ³ Pool Name
334679 ⁴ Property Code	CAPITAN 22301 32-5 STATE COM ⁵ Property Name	
260297 ⁶ OGRID No.	BTA OIL PRODUCERS, LLC ⁷ Operator Name	6H ⁸ Well Number
		3925' ⁹ Elevation

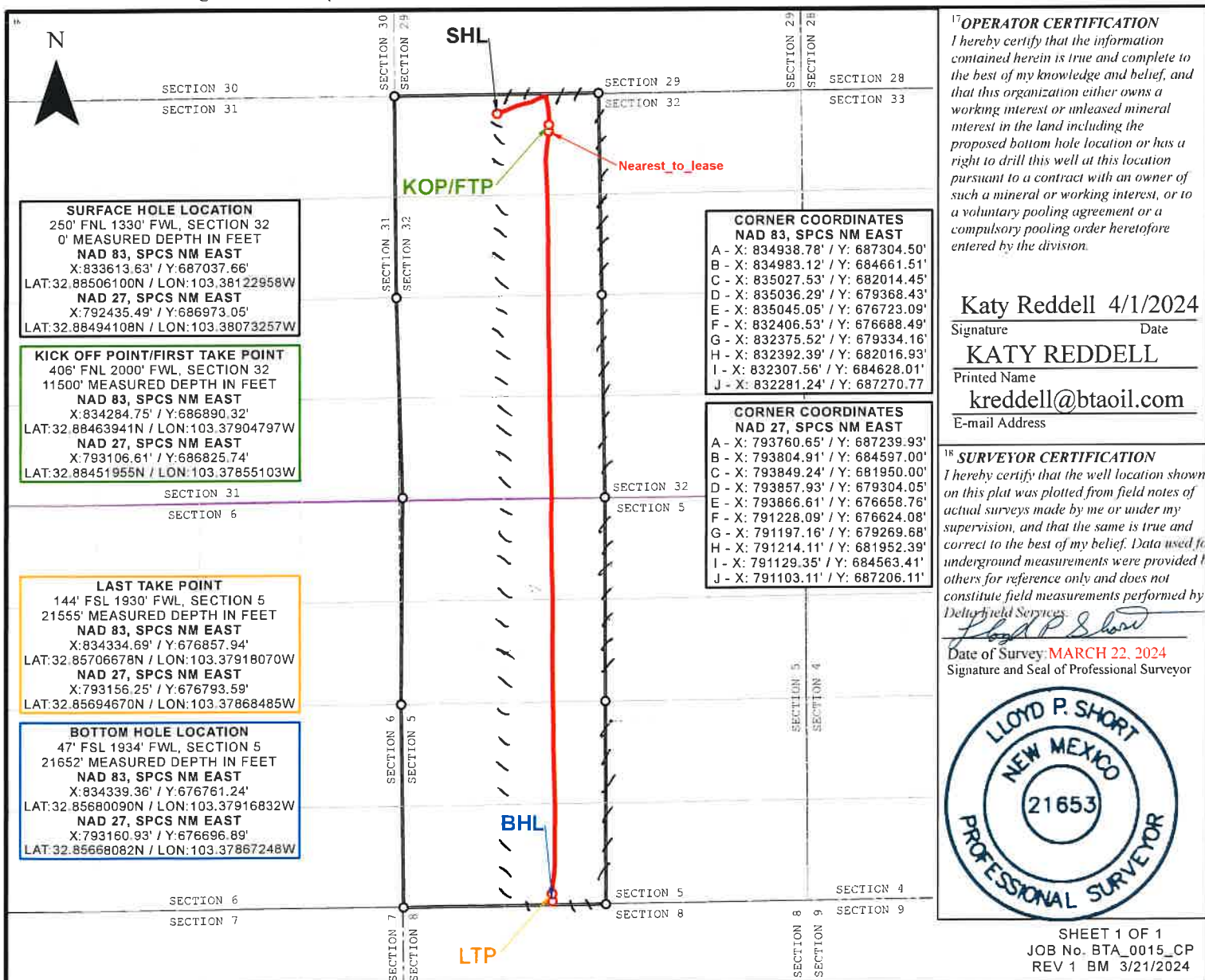
¹⁰ Surface Location

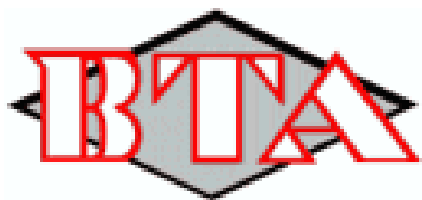
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	32	16S	36E		250	NORTH	1330	WEST	LEA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	5	17S	36E		47	SOUTH	1934	WEST	LEA
¹² Double or split acreage: 319.42 ¹³ Joint or Infill: ¹⁴ Consolidation Code: ¹⁵ Order No.:									

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





BTA Oil Producers, LLC

Lea County, NM (NAD 83)

Sec 32, T16S R36E

Capitan 22301 32-5 State Com #6H

Wellbore #1

Design: Wellbore #1

Survey Report - Geographic

04 December, 2023





KLX Directional Drilling

Survey Report - Geographic



Company:	BTA Oil Producers, LLC	Local Co-ordinate Reference:	Well Capitan 22301 32-5 State Com #6H
Project:	Lea County, NM (NAD 83)	TVD Reference:	WELL @ 3950.0usft (Patterson #288)
Site:	Sec 32, T16S R36E	MD Reference:	WELL @ 3950.0usft (Patterson #288)
Well:	Capitan 22301 32-5 State Com #6H	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 32, T16S R36E		
Site Position:		Northing:	687,037.28 usft
From:	Map	Easting:	833,583.63 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 53' 6.219 N
		Longitude:	103° 22' 52.778 W
		Grid Convergence:	0.52 °

Well	Capitan 22301 32-5 State Com #6H		
Well Position	+N/-S	0.0 usft	Northing: 687,037.66 usft
	+E/-W	0.0 usft	Easting: 833,613.63 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 53' 6.220 N
		Longitude:	103° 22' 52.426 W
		Ground Level:	3,925.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2023	11/18/2023	6.17	60.52	47,552.10000000

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		175.70

Survey Program	Date	12/4/2023			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
193.0	21,652.0	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	687,037.66	833,613.63	32° 53' 6.220 N	103° 22' 52.426 W
193.0	0.30	203.10	193.0	-0.5	-0.2	687,037.19	833,613.43	32° 53' 6.215 N	103° 22' 52.429 W
First MWD Survey @ 193.0' MD / 193.0' TVD									
364.0	0.30	247.80	364.0	-1.0	-0.8	687,036.61	833,612.84	32° 53' 6.209 N	103° 22' 52.436 W
536.0	0.40	200.80	536.0	-1.8	-1.4	687,035.88	833,612.21	32° 53' 6.202 N	103° 22' 52.443 W
630.0	0.30	161.50	630.0	-2.3	-1.5	687,035.34	833,612.17	32° 53' 6.197 N	103° 22' 52.444 W
725.0	0.30	111.70	725.0	-2.6	-1.1	687,035.01	833,612.48	32° 53' 6.194 N	103° 22' 52.440 W
819.0	0.60	84.70	819.0	-2.7	-0.4	687,034.96	833,613.20	32° 53' 6.193 N	103° 22' 52.432 W
914.0	0.70	97.20	914.0	-2.7	0.6	687,034.94	833,614.27	32° 53' 6.193 N	103° 22' 52.419 W
1,008.0	0.60	82.50	1,008.0	-2.7	1.7	687,034.93	833,615.33	32° 53' 6.192 N	103° 22' 52.407 W
1,103.0	0.50	71.80	1,103.0	-2.5	2.6	687,035.12	833,616.22	32° 53' 6.194 N	103° 22' 52.396 W
1,292.0	0.80	107.70	1,292.0	-2.7	4.6	687,034.98	833,618.26	32° 53' 6.193 N	103° 22' 52.373 W



KLX Directional Drilling

Survey Report - Geographic



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Site:	Sec 32, T16S R36E	MD Reference:	WELL @ 3950.0usft (Patterson #288)
Well:	Capitan 22301 32-5 State Com #6H	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
1,482.0	0.80	85.80	1,481.9	-3.0	7.2	687,034.67	833,620.84	32° 53' 6.189 N	103° 22' 52.342 W
1,577.0	0.80	88.30	1,576.9	-2.9	8.5	687,034.74	833,622.17	32° 53' 6.190 N	103° 22' 52.327 W
1,670.0	0.80	78.60	1,669.9	-2.8	9.8	687,034.89	833,623.45	32° 53' 6.191 N	103° 22' 52.312 W
1,765.0	0.80	75.50	1,764.9	-2.5	11.1	687,035.19	833,624.74	32° 53' 6.194 N	103° 22' 52.296 W
1,884.0	1.00	73.60	1,883.9	-2.0	12.9	687,035.69	833,626.55	32° 53' 6.199 N	103° 22' 52.275 W
1,951.0	0.90	63.30	1,950.9	-1.6	13.9	687,036.09	833,627.58	32° 53' 6.203 N	103° 22' 52.263 W
2,046.0	2.10	61.80	2,045.9	-0.4	16.1	687,037.25	833,629.78	32° 53' 6.214 N	103° 22' 52.237 W
2,141.0	5.10	63.00	2,140.7	2.3	21.4	687,039.99	833,635.07	32° 53' 6.241 N	103° 22' 52.175 W
2,235.0	5.00	61.20	2,234.3	6.2	28.8	687,043.86	833,642.39	32° 53' 6.278 N	103° 22' 52.089 W
2,330.0	4.70	61.70	2,329.0	10.0	35.8	687,047.70	833,649.44	32° 53' 6.316 N	103° 22' 52.005 W
2,424.0	4.50	62.50	2,422.7	13.6	42.5	687,051.23	833,656.10	32° 53' 6.350 N	103° 22' 51.927 W
2,519.0	5.90	67.50	2,517.3	17.2	50.3	687,054.82	833,663.92	32° 53' 6.385 N	103° 22' 51.835 W
2,613.0	7.70	69.00	2,610.6	21.3	60.6	687,058.92	833,674.26	32° 53' 6.425 N	103° 22' 51.713 W
2,708.0	7.50	69.70	2,704.8	25.7	72.4	687,063.35	833,686.02	32° 53' 6.467 N	103° 22' 51.575 W
2,802.0	7.30	69.60	2,798.0	29.9	83.7	687,067.56	833,697.37	32° 53' 6.508 N	103° 22' 51.441 W
2,897.0	7.20	69.60	2,892.2	34.1	95.0	687,071.74	833,708.61	32° 53' 6.548 N	103° 22' 51.309 W
2,991.0	7.10	69.70	2,985.5	38.2	105.9	687,075.81	833,719.58	32° 53' 6.588 N	103° 22' 51.180 W
3,086.0	6.70	69.60	3,079.8	42.1	116.7	687,079.78	833,730.28	32° 53' 6.626 N	103° 22' 51.054 W
3,181.0	6.50	68.90	3,174.2	46.0	126.9	687,083.65	833,740.49	32° 53' 6.663 N	103° 22' 50.934 W
3,275.0	6.00	67.90	3,267.6	49.8	136.4	687,087.41	833,750.01	32° 53' 6.700 N	103° 22' 50.822 W
3,369.0	5.40	65.80	3,361.1	53.4	145.0	687,091.07	833,758.59	32° 53' 6.735 N	103° 22' 50.721 W
3,464.0	4.80	64.30	3,455.8	57.0	152.6	687,094.63	833,766.25	32° 53' 6.770 N	103° 22' 50.631 W
3,559.0	4.30	64.00	3,550.5	60.3	159.4	687,097.91	833,773.03	32° 53' 6.802 N	103° 22' 50.551 W
3,654.0	4.60	64.40	3,645.2	63.5	166.0	687,101.12	833,779.67	32° 53' 6.833 N	103° 22' 50.473 W
3,748.0	5.00	67.00	3,738.9	66.7	173.2	687,104.35	833,786.84	32° 53' 6.864 N	103° 22' 50.388 W
3,842.0	4.50	66.60	3,832.5	69.8	180.4	687,107.42	833,793.99	32° 53' 6.894 N	103° 22' 50.304 W
3,936.0	5.20	65.90	3,926.2	73.0	187.6	687,110.62	833,801.27	32° 53' 6.925 N	103° 22' 50.219 W
4,031.0	6.80	65.50	4,020.7	77.1	196.7	687,114.71	833,810.32	32° 53' 6.964 N	103° 22' 50.112 W
4,126.0	6.20	64.90	4,115.1	81.6	206.5	687,119.22	833,820.08	32° 53' 7.008 N	103° 22' 49.997 W
4,221.0	5.40	65.60	4,209.6	85.6	215.2	687,123.24	833,828.80	32° 53' 7.047 N	103° 22' 49.894 W
4,316.0	4.90	65.90	4,304.2	89.1	222.9	687,126.75	833,836.57	32° 53' 7.081 N	103° 22' 49.803 W
4,411.0	4.30	67.30	4,398.9	92.1	229.9	687,129.78	833,843.56	32° 53' 7.110 N	103° 22' 49.721 W
4,505.0	3.60	67.90	4,492.7	94.6	235.9	687,132.25	833,849.55	32° 53' 7.134 N	103° 22' 49.650 W
4,600.0	3.20	68.50	4,587.5	96.7	241.1	687,134.34	833,854.78	32° 53' 7.155 N	103° 22' 49.589 W
4,695.0	2.80	66.90	4,682.4	98.6	245.7	687,136.22	833,859.38	32° 53' 7.173 N	103° 22' 49.534 W
4,797.0	2.50	67.20	4,784.2	100.4	250.1	687,138.06	833,863.72	32° 53' 7.191 N	103° 22' 49.483 W
4,913.0	2.20	67.30	4,900.1	102.2	254.5	687,139.90	833,868.11	32° 53' 7.208 N	103° 22' 49.432 W
5,007.0	4.00	80.00	4,994.0	103.5	259.4	687,141.17	833,873.00	32° 53' 7.221 N	103° 22' 49.374 W
5,101.0	5.80	79.00	5,087.7	105.0	267.3	687,142.64	833,880.89	32° 53' 7.234 N	103° 22' 49.282 W
5,119.0	6.14	78.13	5,105.6	105.4	269.1	687,143.01	833,882.73	32° 53' 7.238 N	103° 22' 49.260 W
Producing Area Crossed @ 5119.0'MD / 5105.6'TVD									
5,196.0	7.60	75.30	5,182.0	107.5	278.1	687,145.15	833,891.68	32° 53' 7.258 N	103° 22' 49.155 W
5,290.0	8.30	75.70	5,275.1	110.8	290.6	687,148.41	833,904.27	32° 53' 7.289 N	103° 22' 49.007 W
5,385.0	8.30	77.10	5,369.1	114.0	304.0	687,151.63	833,917.60	32° 53' 7.320 N	103° 22' 48.850 W
5,480.0	8.40	72.80	5,463.1	117.6	317.3	687,155.21	833,930.91	32° 53' 7.354 N	103° 22' 48.694 W
5,575.0	8.60	72.80	5,557.1	121.7	330.7	687,159.37	833,944.32	32° 53' 7.394 N	103° 22' 48.536 W
5,669.0	8.50	74.30	5,650.0	125.7	344.1	687,163.32	833,957.72	32° 53' 7.432 N	103° 22' 48.378 W
5,766.0	8.80	74.60	5,745.9	129.6	358.2	687,167.23	833,971.78	32° 53' 7.470 N	103° 22' 48.213 W
5,861.0	8.90	75.50	5,839.8	133.3	372.3	687,171.00	833,985.90	32° 53' 7.506 N	103° 22' 48.047 W
5,955.0	9.20	77.20	5,932.6	136.8	386.6	687,174.49	834,000.27	32° 53' 7.539 N	103° 22' 47.878 W
6,050.0	9.50	78.70	6,026.3	140.1	401.7	687,177.71	834,015.36	32° 53' 7.569 N	103° 22' 47.701 W
6,143.0	8.30	74.80	6,118.2	143.3	415.7	687,180.97	834,029.37	32° 53' 7.600 N	103° 22' 47.536 W
6,237.0	8.20	73.70	6,211.3	147.0	428.7	687,184.63	834,042.35	32° 53' 7.635 N	103° 22' 47.384 W
6,332.0	8.10	74.90	6,305.3	150.6	441.7	687,188.28	834,055.31	32° 53' 7.670 N	103° 22' 47.231 W
6,427.0	7.90	76.10	6,399.4	153.9	454.5	687,191.59	834,068.11	32° 53' 7.702 N	103° 22' 47.081 W



KLX Directional Drilling

Survey Report - Geographic



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Project:	Lea County, NM (NAD 83)	TVD Reference:	WELL @ 3950.0usft (Patterson #288)
Site:	Sec 32, T16S R36E	MD Reference:	WELL @ 3950.0usft (Patterson #288)
Well:	Capitan 22301 32-5 State Com #6H	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
6,460.5	7.97	70.12	6,432.6	155.3	458.9	687,192.93	834,072.53	32° 53' 7.715 N	103° 22' 47.029 W
100' HL Crossed @ 6460.5'MD / 6432.6'TVD									
6,521.0	8.30	59.80	6,492.4	158.9	466.6	687,196.55	834,080.25	32° 53' 7.750 N	103° 22' 46.938 W
6,616.0	8.40	57.60	6,586.4	166.1	478.4	687,203.72	834,092.03	32° 53' 7.820 N	103° 22' 46.799 W
6,710.0	8.20	59.40	6,679.5	173.2	490.0	687,210.81	834,103.60	32° 53' 7.889 N	103° 22' 46.663 W
6,804.0	8.10	58.30	6,772.5	180.1	501.4	687,217.71	834,115.00	32° 53' 7.956 N	103° 22' 46.528 W
6,899.0	8.00	59.40	6,866.6	186.9	512.8	687,224.59	834,126.39	32° 53' 8.023 N	103° 22' 46.394 W
6,993.0	8.70	69.20	6,959.6	192.8	525.0	687,230.44	834,138.66	32° 53' 8.080 N	103° 22' 46.250 W
7,088.0	8.60	69.90	7,053.5	197.8	538.4	687,235.43	834,152.05	32° 53' 8.128 N	103° 22' 46.092 W
7,182.0	8.70	71.60	7,146.4	202.4	551.8	687,240.09	834,165.40	32° 53' 8.173 N	103° 22' 45.935 W
7,277.0	8.70	71.90	7,240.3	206.9	565.4	687,244.59	834,179.04	32° 53' 8.216 N	103° 22' 45.775 W
7,371.0	8.40	73.00	7,333.3	211.2	578.7	687,248.81	834,192.37	32° 53' 8.257 N	103° 22' 45.618 W
7,466.0	8.10	72.60	7,427.3	215.2	591.8	687,252.84	834,205.39	32° 53' 8.296 N	103° 22' 45.465 W
7,561.0	8.10	73.50	7,521.4	219.1	604.6	687,256.74	834,218.19	32° 53' 8.333 N	103° 22' 45.314 W
7,656.0	6.00	92.00	7,615.6	220.8	615.9	687,258.47	834,229.58	32° 53' 8.349 N	103° 22' 45.181 W
7,750.0	3.70	110.10	7,709.3	219.6	623.7	687,257.26	834,237.34	32° 53' 8.337 N	103° 22' 45.090 W
7,844.0	1.00	142.60	7,803.2	217.9	627.1	687,255.56	834,240.68	32° 53' 8.319 N	103° 22' 45.051 W
7,939.0	1.10	173.90	7,898.2	216.3	627.7	687,254.00	834,241.28	32° 53' 8.304 N	103° 22' 45.044 W
8,034.0	1.20	164.00	7,993.2	214.5	628.0	687,252.13	834,241.65	32° 53' 8.285 N	103° 22' 45.040 W
8,128.0	1.10	162.20	8,087.2	212.7	628.6	687,250.33	834,242.20	32° 53' 8.268 N	103° 22' 45.033 W
8,222.0	1.10	163.50	8,181.2	210.9	629.1	687,248.60	834,242.73	32° 53' 8.250 N	103° 22' 45.027 W
8,317.0	0.90	33.80	8,276.1	210.7	629.8	687,248.35	834,243.41	32° 53' 8.248 N	103° 22' 45.020 W
8,411.0	1.10	39.60	8,370.1	212.0	630.8	687,249.66	834,244.39	32° 53' 8.261 N	103° 22' 45.008 W
8,506.0	0.80	36.10	8,465.1	213.2	631.7	687,250.90	834,245.37	32° 53' 8.273 N	103° 22' 44.996 W
8,600.0	0.70	38.90	8,559.1	214.2	632.5	687,251.87	834,246.11	32° 53' 8.282 N	103° 22' 44.987 W
8,695.0	0.60	66.60	8,654.1	214.9	633.3	687,252.52	834,246.93	32° 53' 8.289 N	103° 22' 44.978 W
8,790.0	0.70	61.10	8,749.1	215.3	634.3	687,253.00	834,247.90	32° 53' 8.293 N	103° 22' 44.966 W
8,885.0	0.80	46.80	8,844.1	216.1	635.3	687,253.74	834,248.89	32° 53' 8.301 N	103° 22' 44.955 W
8,979.0	0.70	54.30	8,938.1	216.9	636.2	687,254.52	834,249.83	32° 53' 8.308 N	103° 22' 44.943 W
9,074.0	0.70	49.70	9,033.1	217.6	637.1	687,255.23	834,250.75	32° 53' 8.315 N	103° 22' 44.933 W
9,169.0	0.40	80.10	9,128.1	218.0	637.9	687,255.67	834,251.52	32° 53' 8.320 N	103° 22' 44.924 W
9,264.0	0.20	49.60	9,223.1	218.2	638.3	687,255.83	834,251.97	32° 53' 8.321 N	103° 22' 44.918 W
9,358.0	0.40	84.30	9,317.1	218.3	638.8	687,255.97	834,252.42	32° 53' 8.322 N	103° 22' 44.913 W
9,452.0	0.40	8.30	9,411.1	218.7	639.2	687,256.33	834,252.80	32° 53' 8.326 N	103° 22' 44.909 W
9,548.0	0.40	12.30	9,507.1	219.3	639.3	687,256.99	834,252.91	32° 53' 8.332 N	103° 22' 44.907 W
9,642.0	0.40	308.30	9,601.1	219.9	639.1	687,257.51	834,252.73	32° 53' 8.338 N	103° 22' 44.909 W
9,737.0	0.40	350.20	9,696.1	220.4	638.8	687,258.04	834,252.41	32° 53' 8.343 N	103° 22' 44.913 W
9,832.0	0.20	230.60	9,791.1	220.6	638.6	687,258.26	834,252.23	32° 53' 8.345 N	103° 22' 44.915 W
9,926.0	0.40	218.00	9,885.1	220.2	638.3	687,257.90	834,251.90	32° 53' 8.342 N	103° 22' 44.919 W
10,020.0	0.30	216.70	9,979.1	219.8	637.9	687,257.45	834,251.55	32° 53' 8.337 N	103° 22' 44.923 W
10,115.0	1.20	215.40	10,074.0	218.8	637.2	687,256.44	834,250.82	32° 53' 8.327 N	103° 22' 44.932 W
10,209.0	1.50	193.40	10,168.0	216.8	636.3	687,254.44	834,249.97	32° 53' 8.307 N	103° 22' 44.942 W
10,304.0	0.50	327.80	10,263.0	215.9	635.8	687,253.58	834,249.46	32° 53' 8.299 N	103° 22' 44.948 W
10,399.0	0.70	303.20	10,358.0	216.6	635.1	687,254.25	834,248.75	32° 53' 8.306 N	103° 22' 44.956 W
10,494.0	1.50	349.20	10,453.0	218.1	634.4	687,255.79	834,248.03	32° 53' 8.321 N	103° 22' 44.964 W
10,588.0	1.90	354.60	10,547.0	220.9	634.0	687,258.55	834,247.66	32° 53' 8.348 N	103° 22' 44.969 W
10,683.0	2.10	352.60	10,641.9	224.2	633.7	687,261.84	834,247.28	32° 53' 8.381 N	103° 22' 44.973 W
10,714.0	2.10	344.60	10,672.9	225.3	633.4	687,262.95	834,247.06	32° 53' 8.392 N	103° 22' 44.975 W
10,838.0	1.60	338.10	10,796.8	229.1	632.2	687,266.75	834,245.81	32° 53' 8.430 N	103° 22' 44.989 W
10,932.0	15.30	175.10	10,889.8	217.9	632.8	687,255.53	834,246.39	32° 53' 8.319 N	103° 22' 44.984 W
11,027.0	27.00	164.30	10,978.3	184.5	639.7	687,222.15	834,253.32	32° 53' 7.988 N	103° 22' 44.906 W
11,083.9	31.05	167.66	11,028.0	157.7	646.3	687,195.37	834,259.95	32° 53' 7.722 N	103° 22' 44.831 W
100' HL Crossed @ 11083.9'MD / 11028.0'TVD									
11,122.0	33.80	169.50	11,060.2	137.7	650.4	687,175.35	834,263.98	32° 53' 7.524 N	103° 22' 44.786 W
11,217.0	42.00	173.00	11,135.1	80.1	659.1	687,117.71	834,272.69	32° 53' 6.953 N	103° 22' 44.690 W



KLX Directional Drilling

Survey Report - Geographic



Company:	BTA Oil Producers, LLC	Local Co-ordinate Reference:	Well Capitan 22301 32-5 State Com #6H
Project:	Lea County, NM (NAD 83)	TVD Reference:	WELL @ 3950.0usft (Patterson #288)
Site:	Sec 32, T16S R36E	MD Reference:	WELL @ 3950.0usft (Patterson #288)
Well:	Capitan 22301 32-5 State Com #6H	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
11,311.0	49.80	172.60	11,200.4	13.1	667.5	687,050.79	834,281.16	32° 53' 6.290 N	103° 22' 44.598 W
11,405.0	58.80	179.80	11,255.3	-62.9	672.3	686,974.77	834,285.93	32° 53' 5.537 N	103° 22' 44.550 W
11,499.0	66.80	181.70	11,298.2	-146.4	671.2	686,891.25	834,284.79	32° 53' 4.711 N	103° 22' 44.572 W
11,594.0	70.70	183.40	11,332.7	-234.8	667.2	686,802.82	834,280.84	32° 53' 3.837 N	103° 22' 44.628 W
11,689.0	81.00	186.10	11,355.9	-326.5	659.5	686,711.15	834,273.17	32° 53' 2.930 N	103° 22' 44.727 W
11,783.0	88.20	186.90	11,364.7	-419.4	649.0	686,618.23	834,262.58	32° 53' 2.012 N	103° 22' 44.862 W
11,878.0	92.70	185.70	11,363.9	-513.8	638.5	686,523.84	834,252.16	32° 53' 1.079 N	103° 22' 44.994 W
11,973.0	90.80	181.30	11,361.0	-608.6	632.7	686,429.08	834,246.36	32° 53' 0.142 N	103° 22' 45.072 W
12,067.0	90.00	177.50	11,360.4	-702.5	633.7	686,335.11	834,247.35	32° 52' 59.212 N	103° 22' 45.070 W
12,161.0	92.10	177.70	11,358.7	-796.4	637.7	686,241.21	834,251.28	32° 52' 58.283 N	103° 22' 45.034 W
12,256.0	94.00	177.70	11,353.6	-891.2	641.5	686,146.43	834,255.09	32° 52' 57.345 N	103° 22' 44.999 W
12,351.0	90.00	176.40	11,350.3	-986.0	646.3	686,051.63	834,259.98	32° 52' 56.406 N	103° 22' 44.952 W
12,446.0	88.80	177.70	11,351.3	-1,080.9	651.2	685,956.77	834,264.87	32° 52' 55.467 N	103° 22' 44.905 W
12,541.0	88.20	179.30	11,353.8	-1,175.8	653.7	685,861.84	834,267.35	32° 52' 54.528 N	103° 22' 44.886 W
12,635.0	87.70	178.60	11,357.1	-1,269.7	655.4	685,767.91	834,269.07	32° 52' 53.599 N	103° 22' 44.876 W
12,730.0	89.30	178.70	11,359.6	-1,364.7	657.7	685,672.98	834,271.31	32° 52' 52.659 N	103° 22' 44.859 W
12,838.0	87.50	178.10	11,362.6	-1,472.6	660.7	685,565.07	834,274.32	32° 52' 51.591 N	103° 22' 44.835 W
12,933.0	87.00	178.80	11,367.2	-1,567.4	663.3	685,470.21	834,276.89	32° 52' 50.653 N	103° 22' 44.815 W
13,028.0	87.80	179.90	11,371.5	-1,662.3	664.3	685,375.32	834,277.97	32° 52' 49.714 N	103° 22' 44.813 W
13,123.0	86.80	181.70	11,376.0	-1,757.2	663.0	685,280.44	834,276.64	32° 52' 48.775 N	103° 22' 44.838 W
13,218.0	85.50	178.90	11,382.4	-1,852.0	662.5	685,185.66	834,276.15	32° 52' 47.837 N	103° 22' 44.854 W
13,312.0	84.60	179.90	11,390.5	-1,945.6	663.5	685,092.02	834,277.13	32° 52' 46.911 N	103° 22' 44.853 W
13,407.0	84.40	179.90	11,399.6	-2,040.2	663.7	684,997.46	834,277.29	32° 52' 45.975 N	103° 22' 44.861 W
13,502.0	85.20	179.50	11,408.2	-2,134.8	664.2	684,902.85	834,277.79	32° 52' 45.039 N	103° 22' 44.865 W
13,596.0	85.60	179.80	11,415.7	-2,228.5	664.7	684,809.16	834,278.36	32° 52' 44.112 N	103° 22' 44.868 W
13,691.0	85.30	178.50	11,423.3	-2,323.2	666.1	684,714.47	834,279.76	32° 52' 43.175 N	103° 22' 44.862 W
13,785.0	84.70	179.50	11,431.5	-2,416.8	667.8	684,620.84	834,281.40	32° 52' 42.249 N	103° 22' 44.853 W
13,879.0	84.70	179.80	11,440.1	-2,510.4	668.3	684,527.25	834,281.97	32° 52' 41.323 N	103° 22' 44.856 W
13,974.0	84.80	179.60	11,448.8	-2,605.0	668.8	684,432.65	834,282.47	32° 52' 40.387 N	103° 22' 44.860 W
14,068.0	85.90	180.20	11,456.5	-2,698.7	669.0	684,338.96	834,282.63	32° 52' 39.460 N	103° 22' 44.868 W
14,163.0	86.20	179.60	11,463.0	-2,793.5	669.2	684,244.18	834,282.79	32° 52' 38.522 N	103° 22' 44.876 W
14,258.0	87.00	178.10	11,468.6	-2,888.3	671.1	684,149.37	834,284.70	32° 52' 37.584 N	103° 22' 44.864 W
14,352.0	87.10	178.50	11,473.5	-2,982.1	673.9	684,055.54	834,287.48	32° 52' 36.655 N	103° 22' 44.841 W
14,447.0	87.10	178.80	11,478.3	-3,077.0	676.1	683,960.69	834,289.72	32° 52' 35.717 N	103° 22' 44.825 W
14,541.0	87.10	178.20	11,483.0	-3,170.8	678.5	683,866.84	834,292.18	32° 52' 34.788 N	103° 22' 44.806 W
14,636.0	88.90	179.20	11,486.4	-3,265.7	680.7	683,771.93	834,294.33	32° 52' 33.849 N	103° 22' 44.791 W
14,731.0	88.60	178.30	11,488.4	-3,360.7	682.8	683,676.97	834,296.40	32° 52' 32.909 N	103° 22' 44.777 W
14,826.0	88.80	180.30	11,490.6	-3,455.6	683.9	683,582.01	834,297.56	32° 52' 31.970 N	103° 22' 44.773 W
14,920.0	88.60	179.90	11,492.7	-3,549.6	683.8	683,488.04	834,297.40	32° 52' 31.040 N	103° 22' 44.785 W
15,015.0	88.70	179.50	11,494.9	-3,644.6	684.3	683,393.06	834,297.89	32° 52' 30.100 N	103° 22' 44.789 W
15,110.0	89.90	179.50	11,496.1	-3,739.6	685.1	683,298.08	834,298.72	32° 52' 29.160 N	103° 22' 44.790 W
15,204.0	92.40	179.80	11,494.2	-3,833.6	685.7	683,204.10	834,299.30	32° 52' 28.230 N	103° 22' 44.793 W
15,298.0	92.70	179.10	11,490.0	-3,927.5	686.6	683,110.20	834,300.20	32° 52' 27.301 N	103° 22' 44.792 W
15,393.0	92.70	178.60	11,485.6	-4,022.3	688.5	683,015.33	834,302.10	32° 52' 26.363 N	103° 22' 44.780 W
15,488.0	92.70	179.40	11,481.1	-4,117.2	690.1	682,920.45	834,303.76	32° 52' 25.424 N	103° 22' 44.771 W
15,582.0	92.80	179.20	11,476.6	-4,211.1	691.3	682,826.56	834,304.91	32° 52' 24.495 N	103° 22' 44.767 W
15,677.0	92.60	178.40	11,472.1	-4,306.0	693.3	682,731.69	834,306.89	32° 52' 23.556 N	103° 22' 44.754 W
15,771.0	91.20	177.90	11,469.0	-4,399.9	696.3	682,637.79	834,309.93	32° 52' 22.627 N	103° 22' 44.728 W
15,865.0	90.50	179.10	11,467.6	-4,493.8	698.8	682,543.84	834,312.39	32° 52' 21.697 N	103° 22' 44.709 W
15,960.0	90.70	179.10	11,466.6	-4,588.8	700.3	682,448.86	834,313.88	32° 52' 20.757 N	103° 22' 44.702 W
16,055.0	90.50	178.00	11,465.6	-4,683.8	702.7	682,353.89	834,316.28	32° 52' 19.817 N	103° 22' 44.684 W
16,156.0	91.10	178.80	11,464.2	-4,784.7	705.5	682,252.94	834,319.10	32° 52' 18.818 N	103° 22' 44.662 W
16,250.0	91.10	179.00	11,462.4	-4,878.7	707.3	682,158.98	834,320.91	32° 52' 17.888 N	103° 22' 44.650 W
16,345.0	90.80	179.10	11,460.8	-4,973.7	708.9	682,064.00	834,322.48	32° 52' 16.949 N	103° 22' 44.642 W
16,439.0	90.50	181.10	11,459.7	-5,067.6	708.7	681,970.02	834,322.32	32° 52' 16.019 N	103° 22' 44.654 W



KLX Directional Drilling

Survey Report - Geographic



Company:	BTA Oil Producers, LLC	Local Co-ordinate Reference:	Well Capitan 22301 32-5 State Com #6H
Project:	Lea County, NM (NAD 83)	TVD Reference:	WELL @ 3950.0usft (Patterson #288)
Site:	Sec 32, T16S R36E	MD Reference:	WELL @ 3950.0usft (Patterson #288)
Well:	Capitan 22301 32-5 State Com #6H	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
16,533.0	91.10	182.20	11,458.4	-5,161.6	706.0	681,876.07	834,319.61	32° 52' 15.089 N	103° 22' 44.696 W
16,628.0	90.80	180.10	11,456.9	-5,256.6	704.1	681,781.10	834,317.71	32° 52' 14.150 N	103° 22' 44.728 W
16,723.0	90.50	179.30	11,455.8	-5,351.5	704.6	681,686.11	834,318.20	32° 52' 13.210 N	103° 22' 44.732 W
16,817.0	90.20	178.50	11,455.2	-5,445.5	706.4	681,592.13	834,320.01	32° 52' 12.280 N	103° 22' 44.721 W
16,912.0	90.40	178.70	11,454.7	-5,540.5	708.7	681,497.16	834,322.33	32° 52' 11.340 N	103° 22' 44.704 W
17,007.0	90.60	178.60	11,453.9	-5,635.5	710.9	681,402.19	834,324.57	32° 52' 10.401 N	103° 22' 44.688 W
17,102.0	91.90	179.60	11,451.8	-5,730.4	712.4	681,307.23	834,326.06	32° 52' 9.461 N	103° 22' 44.680 W
17,196.0	90.50	179.00	11,449.8	-5,824.4	713.6	681,213.26	834,327.21	32° 52' 8.531 N	103° 22' 44.677 W
17,291.0	89.70	178.50	11,449.7	-5,919.4	715.7	681,118.28	834,329.28	32° 52' 7.591 N	103° 22' 44.663 W
17,384.0	89.90	178.10	11,450.0	-6,012.3	718.4	681,025.32	834,332.04	32° 52' 6.671 N	103° 22' 44.640 W
17,479.0	89.80	178.30	11,450.2	-6,107.3	721.4	680,930.37	834,335.02	32° 52' 5.732 N	103° 22' 44.615 W
17,573.0	91.50	179.30	11,449.2	-6,201.3	723.4	680,836.40	834,336.99	32° 52' 4.802 N	103° 22' 44.602 W
17,667.0	90.00	178.70	11,448.0	-6,295.2	725.0	680,742.43	834,338.63	32° 52' 3.872 N	103° 22' 44.593 W
17,761.0	91.10	180.40	11,447.0	-6,389.2	725.7	680,648.44	834,339.37	32° 52' 2.942 N	103° 22' 44.594 W
17,855.0	91.30	180.30	11,445.1	-6,483.2	725.2	680,554.46	834,338.80	32° 52' 2.012 N	103° 22' 44.611 W
17,950.0	91.50	179.90	11,442.8	-6,578.2	725.0	680,459.49	834,338.63	32° 52' 1.073 N	103° 22' 44.623 W
18,045.0	91.60	180.20	11,440.2	-6,673.1	724.9	680,364.53	834,338.55	32° 52' 0.133 N	103° 22' 44.634 W
18,139.0	92.00	180.70	11,437.2	-6,767.1	724.2	680,270.58	834,337.81	32° 51' 59.204 N	103° 22' 44.652 W
18,234.0	91.50	180.30	11,434.3	-6,862.0	723.4	680,175.62	834,336.98	32° 51' 58.264 N	103° 22' 44.672 W
18,328.0	90.20	180.10	11,432.9	-6,956.0	723.0	680,081.64	834,336.65	32° 51' 57.334 N	103° 22' 44.686 W
18,423.0	90.20	179.50	11,432.6	-7,051.0	723.4	679,986.64	834,336.98	32° 51' 56.395 N	103° 22' 44.692 W
18,518.0	90.00	179.10	11,432.4	-7,146.0	724.5	679,891.65	834,338.14	32° 51' 55.455 N	103° 22' 44.689 W
18,613.0	90.00	179.00	11,432.4	-7,241.0	726.1	679,796.66	834,339.72	32° 51' 54.515 N	103° 22' 44.680 W
18,708.0	90.60	178.80	11,431.9	-7,336.0	727.9	679,701.68	834,341.54	32° 51' 53.575 N	103° 22' 44.669 W
18,802.0	90.10	179.50	11,431.4	-7,430.0	729.3	679,607.69	834,342.94	32° 51' 52.645 N	103° 22' 44.662 W
18,896.0	90.20	179.30	11,431.1	-7,524.0	730.3	679,513.70	834,343.92	32° 51' 51.715 N	103° 22' 44.661 W
18,991.0	89.80	179.40	11,431.1	-7,619.0	731.4	679,418.70	834,345.00	32° 51' 50.775 N	103° 22' 44.658 W
19,085.0	90.30	179.00	11,431.0	-7,712.9	732.7	679,324.71	834,346.31	32° 51' 49.845 N	103° 22' 44.653 W
19,179.0	90.20	179.10	11,430.6	-7,806.9	734.2	679,230.73	834,347.87	32° 51' 48.915 N	103° 22' 44.645 W
19,274.0	90.20	179.40	11,430.3	-7,901.9	735.5	679,135.74	834,349.11	32° 51' 47.975 N	103° 22' 44.640 W
19,369.0	90.90	179.30	11,429.4	-7,996.9	736.6	679,040.75	834,350.19	32° 51' 47.035 N	103° 22' 44.637 W
19,463.0	90.30	180.40	11,428.4	-8,090.9	736.8	678,946.75	834,350.44	32° 51' 46.105 N	103° 22' 44.645 W
19,559.0	90.50	179.80	11,427.7	-8,186.9	736.6	678,850.76	834,350.27	32° 51' 45.155 N	103° 22' 44.657 W
19,653.0	90.00	178.90	11,427.3	-8,280.9	737.7	678,756.77	834,351.34	32° 51' 44.225 N	103° 22' 44.654 W
19,748.0	89.50	178.70	11,427.7	-8,375.9	739.7	678,661.79	834,353.33	32° 51' 43.285 N	103° 22' 44.641 W
19,843.0	91.60	177.90	11,426.8	-8,470.8	742.5	678,566.84	834,356.14	32° 51' 42.346 N	103° 22' 44.618 W
19,938.0	92.00	178.00	11,423.8	-8,565.7	745.9	678,471.95	834,359.54	32° 51' 41.407 N	103° 22' 44.588 W
20,032.0	91.60	177.80	11,420.9	-8,659.6	749.4	678,378.06	834,362.98	32° 51' 40.477 N	103° 22' 44.558 W
20,127.0	91.90	178.50	11,418.0	-8,754.5	752.4	678,283.15	834,366.05	32° 51' 39.538 N	103° 22' 44.532 W
20,221.0	91.80	178.60	11,415.0	-8,848.4	754.8	678,189.23	834,368.43	32° 51' 38.609 N	103° 22' 44.514 W
20,316.0	90.70	179.10	11,412.9	-8,943.4	756.7	678,094.28	834,370.33	32° 51' 37.669 N	103° 22' 44.502 W
20,410.0	89.50	178.80	11,412.7	-9,037.4	758.4	678,000.29	834,372.05	32° 51' 36.739 N	103° 22' 44.491 W
20,504.0	90.70	180.00	11,412.6	-9,131.4	759.4	677,906.30	834,373.04	32° 51' 35.809 N	103° 22' 44.490 W
20,599.0	91.30	180.70	11,410.9	-9,226.3	758.8	677,811.32	834,372.46	32° 51' 34.869 N	103° 22' 44.507 W
20,694.0	91.40	180.70	11,408.7	-9,321.3	757.7	677,716.35	834,371.30	32° 51' 33.930 N	103° 22' 44.530 W
20,788.0	91.70	179.70	11,406.1	-9,415.3	757.3	677,622.39	834,370.97	32° 51' 33.000 N	103° 22' 44.544 W
20,883.0	92.80	180.20	11,402.4	-9,510.2	757.4	677,527.46	834,371.05	32° 51' 32.061 N	103° 22' 44.553 W
20,977.0	92.40	180.00	11,398.1	-9,604.1	757.3	677,433.56	834,370.89	32° 51' 31.132 N	103° 22' 44.565 W
21,072.0	91.60	180.10	11,394.8	-9,699.0	757.2	677,338.62	834,370.81	32° 51' 30.193 N	103° 22' 44.576 W
21,166.0	91.50	181.80	11,392.3	-9,793.0	755.6	677,244.67	834,369.25	32° 51' 29.264 N	103° 22' 44.604 W
21,261.0	91.80	184.70	11,389.5	-9,887.8	750.2	677,149.87	834,363.87	32° 51' 28.326 N	103° 22' 44.678 W
21,356.0	91.40	187.40	11,386.9	-9,982.2	740.2	677,055.45	834,353.86	32° 51' 27.393 N	103° 22' 44.805 W
21,430.0	93.20	188.60	11,383.9	-10,055.4	729.9	676,982.23	834,343.57	32° 51' 26.669 N	103° 22' 44.933 W
21,524.0	93.30	182.60	11,378.6	-10,148.8	720.8	676,888.87	834,334.41	32° 51' 25.746 N	103° 22' 45.050 W
21,581.0	93.10	176.40	11,375.4	-10,205.7	721.3	676,831.99	834,334.91	32° 51' 25.184 N	103° 22' 45.051 W



KLX Directional Drilling

Survey Report - Geographic



Company:	BTA Oil Producers, LLC	Local Co-ordinate Reference:	Well Capitan 22301 32-5 State Com #6H
Project:	Lea County, NM (NAD 83)	TVD Reference:	WELL @ 3950.0usft (Patterson #288)
Site:	Sec 32, T16S R36E	MD Reference:	WELL @ 3950.0usft (Patterson #288)
Well:	Capitan 22301 32-5 State Com #6H	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
21,600.1	93.10	176.40	11,374.4	-10,224.7	722.5	676,812.96	834,336.11	32° 51' 24.995 N	103° 22' 45.039 W
100' HL Crossed @ 21600.1'MD / 11374.4'TVD									
21,652.0	93.10	176.40	11,371.5	-10,276.4	725.7	676,761.24	834,339.36	32° 51' 24.483 N	103° 22' 45.006 W
TD @ 21652.0'MD / 11371.5'TVD									

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
193.0	193.0	-0.5	-0.2	First MWD Survey @ 193.0' MD / 193.0' TVD	
5,119.0	5,105.6	105.4	269.1	Producing Area Crossed @ 5119.0'MD / 5105.6'TVD	
6,460.5	6,432.6	155.3	458.9	100' HL Crossed @ 6460.5'MD / 6432.6'TVD	
11,083.9	11,028.0	157.7	646.3	100' HL Crossed @ 11083.9'MD / 11028.0'TVD	
21,600.1	11,374.4	-10,224.7	722.5	100' HL Crossed @ 21600.1'MD / 11374.4'TVD	
21,652.0	11,371.5	-10,276.4	725.7	TD @ 21652.0'MD / 11371.5'TVD	

Checked By: _____ Approved By: _____ Date: _____

Submit a 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

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

Form C-103
 Revised July 18, 2013

WELL API NO. 30-025-51918	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No. 98333	
7. Lease Name or Unit Agreement Name CAPTAN 22301 32 5 STATE COM	
8. Well Number 6H	
9. OGRID Number 260297	
10. Pool name or Wildcat WC-025 G-09 S173615C; UPPER PENN	
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 <u>C</u> 250 feet from the NORTH line and 1330 feet from the WEST line Section 32 Township 16S Range 36E County LEA	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3925	

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 OPN P AND A ☐
 CASING/CEMENT JOB ☐
 OTHER: COMPLETION FRAC SUNDRY ☒

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.

SEE ATTACHED.

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 3/12/2024

Type or print name KATY REDDELL_ E-mail address: kreddell@btaoil.com PHONE: 432-628-3753

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

CAPITAN 22301 32 5 STATE COM 6H												
30-025-51918												
<u>TD / DATE REACHED</u>	<u>PBTD</u>	<u>PT CSG PSI</u>	<u>LENGTH OF TEST AND RESULT</u>	<u>PERF & FRAC DATE</u>	<u>ZONE & INTERVAL</u>	<u>TOTAL FLUID</u>	<u>TOTAL SAND MM#</u>	<u>DATE DRILLOUT COMPLETE</u>	<u>GLV'S & TUBING DATE</u>	<u>TUBING DETAIL</u>	<u>PACKER DETAIL</u>	<u>DATE FLOWBACK AND TESTING FIRST PROD.</u>
21,652 : 12/04/2023	21,642	9,500	30 min. passed	1/17 - 2/10/2024	11,500 - 21,555	550,205	20.06	2/17/2024	2/19/2024	2-7/8" L-80 IPC @10373	10373	2/27/2024

CAPITAN 22301 32 5 STATE COM 6H												
30-025-51918												
<u>TD / DATE REACHED</u>	<u>PBTD</u>	<u>PT CSG PSI</u>	<u>LENGTH OF TEST AND RESULT</u>	<u>PERF & FRAC DATE</u>	<u>ZONE & INTERVAL</u>	<u>TOTAL FLUID</u>	<u>TOTAL SAND MM#</u>	<u>DATE DRILLOUT COMPLETE</u>	<u>GLV'S & TUBING DATE</u>	<u>TUBING DETAIL</u>	<u>PACKER DETAIL</u>	<u>DATE FLOWBACK AND TESTING FIRST PROD.</u>
21,652 : 12/04/2023	21,642	9,500	30 min. passed	1/17 - 2/10/2024	11,500 - 21,555	550,205	20.06	2/17/2024	2/19/2024	2-7/8" L-80 IPC @10373	10373	2/27/2024

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. 30-025-51918 2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN 2. State Oil & Gas Lease No. 334679					
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 CAPITAN 22301 32 5 STATE COM 6. Well Number: 6H					
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 S173615C; UPPER PENN					
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County	
Surface:	C	32	16S	36E		250	N	1330	W	LEA	
BH:	N	5	17S	36E		47	S	1934	W	LEA	
13. Date Spudded 10/17/2023	14. Date T.D. Reached 12/04/2023		15. Date Rig Released 12/07/2023			16. Date Completed (Ready to Produce) 2/27/2024			17. Elevations (DF and RKB, RT, GR, etc.) 3925		
18. Total Measured Depth of Well 21652			19. Plug Back Measured Depth 21642			20. Was Directional Survey Made? YES			21. Type Electric and Other Logs Run MWD		
22. Producing Interval(s), of this completion - Top, Bottom, Name 11500 - 21555											
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		1935		17 1/2		35% B_Poz+65% Class C 1545 SKS			
9 5/8		40		4859		12 1/4		35% B_Poz+65% Class C 1405 SKS			
7 5/8		29.7		10763		8 3/4		100% ProLite 305 SKS			
5 1/2 / 5		20 / 18		10410 / 21642		6 3/4		50% B_Poz+50% Class H 2445			
24. LINER RECORD											
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN			
25. TUBING RECORD											
SIZE		DEPTH SET		PACKER SET							
2 7/8		10373		10373							
26. Perforation record (interval, size, and number) 11500 – 21555 SZE 40 2304 HOLES						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
						21555		550,205 bbls slickwater, 20.06 MM#s of 100 mesh native sand.			
28. PRODUCTION											
Date First Production 2/27/2024		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING					Well Status (Prod. or Shut-in) PROD				
Date of Test 3/10/2024	Hours Tested 24	Choke Size 33/64	Prod'n For Test Period	Oil - Bbl 360	Gas - MCF 9	Water - Bbl. 2339	Gas - Oil Ratio				
Flow Tubing Press. 260	Casing Pressure	Calculated 24- Hour Rate YES	Oil - Bbl. 360	Gas - MCF 9	Water - Bbl. 2339	Oil Gravity - API - (Corr.) 49					
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 3/15/2024	
E-mail Address: kreddel@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	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates_3312	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_6315	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	T. Morrison	
T. Drinkard	T. Bone Springs	T.Todilto	
T. Abo_8244	T.	T. Entrada	
T. Wolfcamp 9509	T.	T. Wingate	
T. Penn_11040	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS
SANDS OR ZONES

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

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

No. 3, 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 344761

ACKNOWLEDGMENTS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 344761
	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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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 344761

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 344761
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	None	5/16/2024