

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	C-104 Revised July 9, 2024 Submit Electronically Via OCD Permitting
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REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Section 1 - Operator and Well Information

Submittal Type: ☐ Test Allowable (C-104RT) ☒ New Well (C-104NW) ☐ Recomplete (C-104RC) ☐ Pay Add (C-104RC) ☐ Amended	
Operator Name: BTA OIL PRODUCERS, LLC	OGRID:260297
Property Name and Well Number: CRAZY GOAT 8711 14 11 STATE COM 3H	Property Code: 333897
Mineral Owner: X ☐ State ☐ Fee ☐ Tribal ☐ Federal	API Number: 30-025-51283
Pool Name: OJO CHISO;BONE SPRING	Pool Code: 96553

Section 2 – Surface Location

UL O	Section 14	Township 22S	Range 34E	Lot O	Ft. from N/S 285 from S	Ft. from E/W 1680 from E	Latitude 32.385237	Longitude -103.437642	County LEA
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Section 3 – Completion Information

Producing Method FLOW FROM WELL	Ready Date 09/26/2024	Perforations MD 11,300 – 20,235	Perforations TVD 10,085 – 10,011
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Section 4 – Action IDs for Submissions and Order Numbers

List Action IDs for Drilling Sundries	Was an Order required / needed (Y/N), if yes list Order number:
C-104 RT Action ID (if C-104NW):	Communitization Agreement ☐ Yes X ☐ No, Order No.
Surface Casing Action ID: 353093	Unit: ☐ Yes X ☐ No, Order No.
Intermediate 1 Casing Action ID: 353093	Compulsory Pooling: ☐ Yes X ☐ No, Order No.
Intermediate 2 Casing Action ID: 353093	Down Hole Commingling: ☐ Yes X ☐ No, Order No.
Production Casing Action ID: 353093	Surface Commingling: ☐ Yes X ☐ No, Order No.
All casing was pressure tested in accordance with NMAC X Yes ☐ No	Non-standard Location: ☐ Yes X ☐ No ☐ Common ownership Order No.
Liner 1 Action ID: 353093	Non-standard Proration: ☐ Yes X ☐ No, Order No.
Casing was installed prior to OCD's Action ID system (Y/N): N	Simultaneous Dedication: ☐ Yes X ☐ No, Order No.

Section 5 - Operator Signature and Certification

XI hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion.	
XI hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well's completion.	
XI 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.	
Name KATY REDDELL	
Title REGULATORY ANALYST	Date 10/17/2024

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
		☒ As Drilled	

WELL LOCATION INFORMATION

API Number 30-025-51283	Pool Code 93553	Pool Name OJO CHISO; BONE SPRING
Property Code 333897	Property Name CRAZY GOAT 8711 14-11 STATE COM	Well Number 3H
OGRID No. 260297	Operator Name BTA OIL PRODUCERS, LLC	Ground Level Elevation 3471'
Surface Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
O	14	22-S	34-E	-	285 FSL	1680 FEL	32.385237°	103.437642°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
B	11	22-S	34-E	-	48.8 FNL	1868.4 FEL	32.413341°	103.438177°	LEA

Dedicated Acres 320	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers:			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
J	14	22-S	34-E	-	1530.7 FSL	1823.8 FEL	32.388661°	103.438098°	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
B	11	22-S	34-E	-	103.5 FNL	1868.0 FEL	32.413191°	103.438176°	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Signature

Date

KATY REDDELL

Printed Name

KREDDELL@BTAOIL.COM

E-mail Address

SURVEYOR CERTIFICATIONS

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.



Signature and Seal of Professional Surveyor

Gary G. Eidson 12641

DECEMBER 18, 2020

Certificate Number

Date of Survey

PAGE 1 OF 2

ACK REL W.O.: 24130195

JWSC W.O. 24.13.0305

SCALE: 1"=2000'

BOTTOM HOLE LOCATION

NAD 27 NME
Y= 515200.6 N
X= 776395.0 E
LAT.=32.413217° N
LONG.=103.437697° W

48.8' FNL-1868.4' FEL
SEC. 11

LAST TAKE POINT

NAD 27 NME
Y= 515145.9 N
X= 776395.7 E
LAT.=32.413066° N
LONG.=103.437696° W

103.5' FNL-1868.0' FEL
SEC. 11

BOTTOM HOLE LOCATION

NAD 83 NME
Y= 515261.5 N
X= 817578.1 E
LAT.=32.413341° N
LONG.=103.438177° W

LAST TAKE POINT

NAD 83 NME
Y= 515206.8 N
X= 817578.9 E
LAT.=32.413191° N
LONG.=103.438176° W

FIRST TAKE POINT

NAD 27 NME
Y= 506222.0 N
X= 776494.2 E
LAT.=32.388536° N
LONG.=103.437619° W

1530.7' FSL-1823.8' FEL
SEC. 14

SURFACE LOCATION

GEODETIC COORDINATES
NAD 27 NME
Y= 504977.6 N
X= 776645.5 E
LAT.=32.385112° N
LONG.=103.437163° W

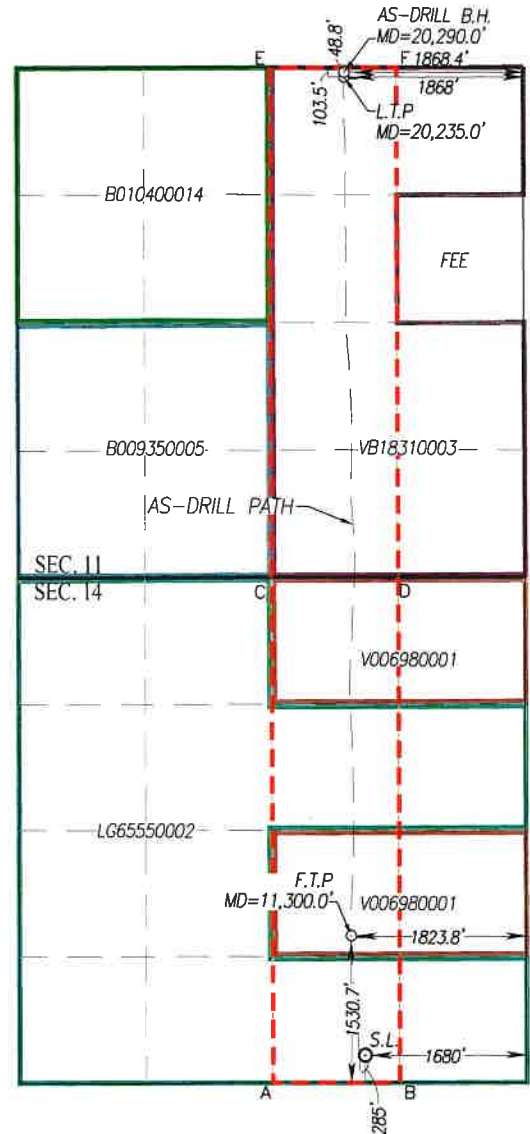
285' FSL-1680' FEL
SEC. 14

FIRST TAKE POINT

NAD 83 NME
Y= 506282.7 N
X= 817677.5 E
LAT.=32.388661° N
LONG.=103.438098° W

SURFACE LOCATION

GEODETIC COORDINATES
NAD 83 NME
Y= 505038.3 N
X= 817828.8 E
LAT.=32.385237° N
LONG.=103.437642° W



CORNER COORDINATES TABLE

NAD 27 NME
A - Y= 504685.3 N, X= 775688.3 E
B - Y= 504695.5 N, X= 777007.6 E
C - Y= 509963.0 N, X= 775656.5 E
D - Y= 509974.0 N, X= 776975.8 E
E - Y= 515243.1 N, X= 775624.5 E
F - Y= 515253.9 N, X= 776943.6 E

CORNER COORDINATES TABLE

NAD 83 NME
A - Y= 504745.9 N, X= 816871.6 E
B - Y= 504756.1 N, X= 818190.9 E
C - Y= 510023.8 N, X= 816839.8 E
D - Y= 510034.7 N, X= 818159.0 E
E - Y= 515304.0 N, X= 816807.7 E
F - Y= 515314.8 N, X= 818126.8 E

NOTE: AS-DRILLED BOTTOM HOLE, LAST TAKE POINT AND FIRST TAKE POINT PLOTTED FROM DATA FURNISHED BY KLX DIRECTIONAL DRILLING DATED JUNE 02, 2024



BTA Oil Producers, LLC

Lea County, NM (NAD 83)

Sec 14, T22-S, R34-E

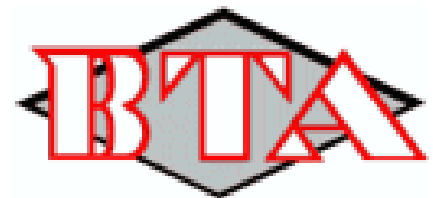
Crazy Goat 8711 14-11 State Com #3H

Wellbore #1

Design: Wellbore #1

Survey Report - Geographic

02 June, 2024





KLX Directional Drilling

Survey Report - Geographic



Company:	BTA Oil Producers, LLC	Local Co-ordinate Reference:	Well Crazy Goat 8711 14-11 State Com #3H
Project:	Lea County, NM (NAD 83)	TVD Reference:	WELL @ 3496.0usft (Patterson #288)
Site:	Sec 14, T22-S, R34-E	MD Reference:	WELL @ 3496.0usft (Patterson #288)
Well:	Crazy Goat 8711 14-11 State Com #3H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	KLXDirectional-AD

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 14, T22-S, R34-E		
Site Position:		Northing:	505,038.30 usft
From:	Map	Easting:	817,828.80 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 23' 6.853 N
		Longitude:	103° 26' 15.511 W
		Grid Convergence:	0.48 °

Well	Crazy Goat 8711 14-11 State Com #3H		
Well Position	+N/-S	0.0 usft	Northing: 505,038.30 usft
	+E/-W	0.0 usft	Easting: 817,828.80 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 23' 6.853 N
		Longitude:	103° 26' 15.511 W
		Ground Level:	3,471.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2024	2/9/2024	6.25	59.97	47,504.10000000

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		358.89

Survey Program	Date	6/2/2024			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
138.0	20,290.0	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	505,038.30	817,828.80	32° 23' 6.853 N	103° 26' 15.511 W
138.0	0.20	327.60	138.0	0.2	-0.1	505,038.50	817,828.67	32° 23' 6.855 N	103° 26' 15.512 W
First MWD Survey @ 138.0' MD / 138.0' TVD									
225.0	0.40	293.70	225.0	0.5	-0.5	505,038.75	817,828.31	32° 23' 6.858 N	103° 26' 15.517 W
317.0	0.40	246.70	317.0	0.5	-1.1	505,038.76	817,827.72	32° 23' 6.858 N	103° 26' 15.524 W
409.0	0.60	242.90	409.0	0.1	-1.8	505,038.41	817,827.00	32° 23' 6.854 N	103° 26' 15.532 W
499.0	0.70	209.40	499.0	-0.6	-2.5	505,037.72	817,826.31	32° 23' 6.847 N	103° 26' 15.540 W
591.0	0.70	194.50	591.0	-1.6	-2.9	505,036.68	817,825.89	32° 23' 6.837 N	103° 26' 15.545 W
678.0	0.70	188.60	678.0	-2.7	-3.1	505,035.64	817,825.68	32° 23' 6.827 N	103° 26' 15.548 W
772.0	0.70	185.50	772.0	-3.8	-3.3	505,034.50	817,825.54	32° 23' 6.816 N	103° 26' 15.549 W
867.0	0.90	176.30	867.0	-5.1	-3.3	505,033.18	817,825.53	32° 23' 6.803 N	103° 26' 15.550 W
962.0	1.10	175.90	961.9	-6.8	-3.2	505,031.53	817,825.64	32° 23' 6.786 N	103° 26' 15.548 W



KLX Directional Drilling

Survey Report - Geographic



Company:	BTA Oil Producers, LLC	Local Co-ordinate Reference:	Well Crazy Goat 8711 14-11 State Com #3H
Project:	Lea County, NM (NAD 83)	TVD Reference:	WELL @ 3496.0usft (Patterson #288)
Site:	Sec 14, T22-S, R34-E	MD Reference:	WELL @ 3496.0usft (Patterson #288)
Well:	Crazy Goat 8711 14-11 State Com #3H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	KLXDirectional-AD

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
1,057.0	1.00	168.70	1,056.9	-8.5	-2.9	505,029.81	817,825.87	32° 23' 6.769 N	103° 26' 15.546 W
1,151.0	0.90	139.80	1,150.9	-9.9	-2.3	505,028.44	817,826.51	32° 23' 6.756 N	103° 26' 15.539 W
1,246.0	0.40	107.60	1,245.9	-10.5	-1.5	505,027.77	817,827.31	32° 23' 6.749 N	103° 26' 15.529 W
1,341.0	0.60	122.90	1,340.9	-10.9	-0.8	505,027.40	817,828.04	32° 23' 6.745 N	103° 26' 15.521 W
1,436.0	0.40	122.80	1,435.9	-11.4	-0.1	505,026.95	817,828.74	32° 23' 6.741 N	103° 26' 15.513 W
1,530.0	0.10	131.50	1,529.9	-11.6	0.3	505,026.71	817,829.07	32° 23' 6.738 N	103° 26' 15.509 W
1,625.0	0.20	49.10	1,624.9	-11.5	0.5	505,026.77	817,829.26	32° 23' 6.739 N	103° 26' 15.507 W
1,688.0	0.30	358.80	1,687.9	-11.3	0.5	505,027.00	817,829.34	32° 23' 6.741 N	103° 26' 15.506 W
1,841.0	0.30	251.20	1,840.9	-11.0	0.2	505,027.28	817,828.95	32° 23' 6.744 N	103° 26' 15.510 W
1,936.0	0.50	263.60	1,935.9	-11.2	-0.5	505,027.15	817,828.31	32° 23' 6.743 N	103° 26' 15.518 W
2,030.0	0.50	261.70	2,029.9	-11.3	-1.3	505,027.05	817,827.49	32° 23' 6.742 N	103° 26' 15.527 W
2,125.0	0.40	282.60	2,124.9	-11.2	-2.0	505,027.06	817,826.76	32° 23' 6.742 N	103° 26' 15.536 W
2,220.0	0.50	287.30	2,219.9	-11.0	-2.8	505,027.25	817,826.04	32° 23' 6.744 N	103° 26' 15.544 W
2,314.0	0.60	291.20	2,313.9	-10.7	-3.6	505,027.55	817,825.19	32° 23' 6.747 N	103° 26' 15.554 W
2,409.0	0.50	292.70	2,408.9	-10.4	-4.5	505,027.89	817,824.34	32° 23' 6.750 N	103° 26' 15.564 W
2,503.0	0.60	298.90	2,502.9	-10.0	-5.3	505,028.29	817,823.53	32° 23' 6.754 N	103° 26' 15.573 W
2,599.0	0.80	302.90	2,598.9	-9.4	-6.3	505,028.90	817,822.53	32° 23' 6.761 N	103° 26' 15.585 W
2,693.0	0.80	313.20	2,692.9	-8.6	-7.3	505,029.70	817,821.50	32° 23' 6.769 N	103° 26' 15.597 W
2,788.0	0.80	331.00	2,787.8	-7.6	-8.1	505,030.74	817,820.70	32° 23' 6.779 N	103° 26' 15.606 W
2,882.0	1.10	357.40	2,881.8	-6.1	-8.5	505,032.21	817,820.34	32° 23' 6.793 N	103° 26' 15.610 W
2,977.0	1.60	20.40	2,976.8	-3.9	-8.0	505,034.37	817,820.76	32° 23' 6.815 N	103° 26' 15.605 W
3,072.0	2.10	53.10	3,071.8	-1.6	-6.2	505,036.65	817,822.61	32° 23' 6.837 N	103° 26' 15.583 W
3,166.0	2.80	74.90	3,165.7	0.0	-2.6	505,038.29	817,826.21	32° 23' 6.853 N	103° 26' 15.541 W
3,260.0	3.50	85.70	3,259.5	0.8	2.5	505,039.10	817,831.28	32° 23' 6.861 N	103° 26' 15.482 W
3,353.0	3.70	98.20	3,352.4	0.6	8.3	505,038.88	817,837.09	32° 23' 6.858 N	103° 26' 15.414 W
3,448.0	3.80	109.70	3,447.2	-0.9	14.3	505,037.39	817,843.08	32° 23' 6.843 N	103° 26' 15.345 W
3,543.0	4.20	134.30	3,541.9	-4.4	19.7	505,033.89	817,848.54	32° 23' 6.808 N	103° 26' 15.281 W
3,637.0	4.50	145.60	3,635.7	-9.9	24.3	505,028.45	817,853.08	32° 23' 6.754 N	103° 26' 15.229 W
3,731.0	5.70	159.50	3,729.3	-17.3	28.0	505,021.03	817,856.80	32° 23' 6.680 N	103° 26' 15.186 W
3,826.0	6.30	164.40	3,823.8	-26.7	31.1	505,011.59	817,859.86	32° 23' 6.586 N	103° 26' 15.151 W
3,920.0	6.30	171.70	3,917.2	-36.8	33.2	505,001.52	817,861.99	32° 23' 6.486 N	103° 26' 15.128 W
4,015.0	6.50	179.10	4,011.6	-47.3	34.0	504,990.99	817,862.82	32° 23' 6.382 N	103° 26' 15.119 W
4,109.0	7.20	182.60	4,104.9	-58.5	33.8	504,979.78	817,862.64	32° 23' 6.271 N	103° 26' 15.122 W
4,204.0	8.00	183.00	4,199.1	-71.1	33.2	504,967.23	817,862.02	32° 23' 6.147 N	103° 26' 15.130 W
4,298.0	7.70	187.50	4,292.2	-83.8	32.1	504,954.46	817,860.86	32° 23' 6.021 N	103° 26' 15.145 W
4,393.0	8.10	189.80	4,386.3	-96.7	30.1	504,941.55	817,858.89	32° 23' 5.893 N	103° 26' 15.170 W
4,487.0	8.20	192.80	4,479.4	-109.8	27.5	504,928.49	817,856.28	32° 23' 5.764 N	103° 26' 15.201 W
4,581.0	6.40	199.50	4,572.6	-121.3	24.2	504,917.01	817,853.04	32° 23' 5.651 N	103° 26' 15.240 W
4,677.0	5.90	209.90	4,668.1	-130.6	20.0	504,907.69	817,848.80	32° 23' 5.559 N	103° 26' 15.291 W
4,772.0	5.50	212.90	4,762.6	-138.7	15.1	504,899.64	817,843.89	32° 23' 5.480 N	103° 26' 15.349 W
4,867.0	4.10	215.80	4,857.3	-145.2	10.6	504,893.06	817,839.43	32° 23' 5.415 N	103° 26' 15.401 W
4,961.0	4.60	219.70	4,951.0	-150.9	6.3	504,887.43	817,835.06	32° 23' 5.360 N	103° 26' 15.453 W
5,056.0	4.80	226.60	5,045.7	-156.5	0.9	504,881.77	817,829.74	32° 23' 5.304 N	103° 26' 15.515 W
5,150.0	3.60	236.10	5,139.4	-160.9	-4.4	504,877.42	817,824.43	32° 23' 5.262 N	103° 26' 15.578 W
5,245.0	3.80	242.60	5,234.2	-164.0	-9.6	504,874.31	817,819.16	32° 23' 5.231 N	103° 26' 15.639 W
5,340.0	4.10	238.20	5,329.0	-167.2	-15.3	504,871.07	817,813.48	32° 23' 5.200 N	103° 26' 15.706 W
5,434.0	4.20	241.30	5,422.7	-170.7	-21.2	504,867.65	817,807.60	32° 23' 5.166 N	103° 26' 15.775 W
5,529.0	3.50	239.00	5,517.5	-173.8	-26.7	504,864.48	817,802.07	32° 23' 5.135 N	103° 26' 15.840 W
5,662.0	2.80	238.20	5,650.3	-177.6	-33.0	504,860.68	817,795.82	32° 23' 5.098 N	103° 26' 15.913 W
5,770.0	3.10	237.70	5,758.2	-180.6	-37.7	504,857.73	817,791.11	32° 23' 5.069 N	103° 26' 15.968 W
5,864.0	3.60	210.20	5,852.0	-184.5	-41.3	504,853.82	817,787.48	32° 23' 5.031 N	103° 26' 16.011 W
5,878.8	3.60	205.47	5,866.8	-185.3	-41.8	504,853.00	817,787.05	32° 23' 5.023 N	103° 26' 16.016 W
100' Prod. Area Crossed @ 5878.8' MD / 5866.8' TVD									
5,958.0	4.00	182.10	5,945.8	-190.3	-42.9	504,847.99	817,785.88	32° 23' 4.974 N	103° 26' 16.030 W
6,052.0	4.00	176.70	6,039.6	-196.9	-42.9	504,841.44	817,785.95	32° 23' 4.909 N	103° 26' 16.030 W



KLX Directional Drilling

Survey Report - Geographic



Company:	BTA Oil Producers, LLC	Local Co-ordinate Reference:	Well Crazy Goat 8711 14-11 State Com #3H
Project:	Lea County, NM (NAD 83)	TVD Reference:	WELL @ 3496.0usft (Patterson #288)
Site:	Sec 14, T22-S, R34-E	MD Reference:	WELL @ 3496.0usft (Patterson #288)
Well:	Crazy Goat 8711 14-11 State Com #3H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	KLXDirectional-AD

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
6,147.0	3.90	177.80	6,134.4	-203.4	-42.5	504,834.91	817,786.26	32° 23' 4.844 N	103° 26' 16.027 W
6,241.0	3.90	177.10	6,228.2	-209.8	-42.3	504,828.52	817,786.54	32° 23' 4.781 N	103° 26' 16.024 W
6,336.0	3.80	177.20	6,322.9	-216.2	-41.9	504,822.15	817,786.86	32° 23' 4.718 N	103° 26' 16.021 W
6,429.0	3.80	177.40	6,415.7	-222.3	-41.6	504,815.99	817,787.15	32° 23' 4.657 N	103° 26' 16.018 W
6,524.0	3.70	176.90	6,510.5	-228.5	-41.3	504,809.79	817,787.46	32° 23' 4.595 N	103° 26' 16.015 W
6,619.0	3.50	177.80	6,605.3	-234.5	-41.1	504,803.83	817,787.74	32° 23' 4.536 N	103° 26' 16.013 W
6,713.0	3.30	176.20	6,699.2	-240.0	-40.8	504,798.26	817,788.03	32° 23' 4.481 N	103° 26' 16.010 W
6,808.0	3.30	174.80	6,794.0	-245.5	-40.3	504,792.81	817,788.46	32° 23' 4.427 N	103° 26' 16.005 W
6,902.0	3.10	175.20	6,887.9	-250.7	-39.9	504,787.58	817,788.91	32° 23' 4.376 N	103° 26' 16.001 W
6,997.0	2.10	174.30	6,982.8	-255.0	-39.5	504,783.29	817,789.30	32° 23' 4.333 N	103° 26' 15.996 W
7,091.0	1.60	175.60	7,076.7	-258.0	-39.2	504,780.27	817,789.57	32° 23' 4.303 N	103° 26' 15.994 W
7,186.0	1.80	181.00	7,171.7	-260.8	-39.1	504,777.46	817,789.65	32° 23' 4.275 N	103° 26' 15.993 W
7,281.0	1.60	184.60	7,266.6	-263.7	-39.3	504,774.64	817,789.52	32° 23' 4.248 N	103° 26' 15.995 W
7,375.0	0.80	219.90	7,360.6	-265.5	-39.8	504,772.83	817,788.99	32° 23' 4.230 N	103° 26' 16.001 W
7,469.0	0.90	218.80	7,454.6	-266.5	-40.7	504,771.75	817,788.11	32° 23' 4.219 N	103° 26' 16.012 W
7,564.0	1.00	214.90	7,549.6	-267.8	-41.6	504,770.49	817,787.17	32° 23' 4.207 N	103° 26' 16.023 W
7,658.0	0.50	206.00	7,643.6	-268.9	-42.3	504,769.45	817,786.52	32° 23' 4.196 N	103° 26' 16.030 W
7,752.0	0.40	206.50	7,737.6	-269.5	-42.6	504,768.79	817,786.19	32° 23' 4.190 N	103° 26' 16.034 W
7,847.0	0.40	218.90	7,832.6	-270.1	-43.0	504,768.23	817,785.83	32° 23' 4.184 N	103° 26' 16.038 W
7,941.0	0.40	222.40	7,926.6	-270.6	-43.4	504,767.73	817,785.41	32° 23' 4.179 N	103° 26' 16.043 W
8,035.0	0.40	238.00	8,020.6	-271.0	-43.9	504,767.32	817,784.91	32° 23' 4.175 N	103° 26' 16.049 W
8,129.0	0.40	252.00	8,114.6	-271.3	-44.5	504,767.04	817,784.32	32° 23' 4.173 N	103° 26' 16.056 W
8,224.0	0.50	255.60	8,209.6	-271.5	-45.2	504,766.84	817,783.60	32° 23' 4.171 N	103° 26' 16.065 W
8,318.0	0.20	309.40	8,303.6	-271.5	-45.7	504,766.84	817,783.08	32° 23' 4.171 N	103° 26' 16.071 W
8,412.0	0.40	284.60	8,397.6	-271.3	-46.2	504,767.03	817,782.63	32° 23' 4.173 N	103° 26' 16.076 W
8,506.0	0.90	266.80	8,491.6	-271.2	-47.2	504,767.07	817,781.58	32° 23' 4.173 N	103° 26' 16.088 W
8,601.0	0.40	115.20	8,586.6	-271.4	-47.7	504,766.89	817,781.13	32° 23' 4.171 N	103° 26' 16.093 W
8,696.0	0.70	169.70	8,681.6	-272.1	-47.3	504,766.17	817,781.54	32° 23' 4.164 N	103° 26' 16.089 W
8,790.0	0.60	320.90	8,775.6	-272.3	-47.5	504,765.99	817,781.33	32° 23' 4.163 N	103° 26' 16.091 W
8,884.0	0.20	246.50	8,869.6	-272.0	-47.9	504,766.31	817,780.87	32° 23' 4.166 N	103° 26' 16.096 W
8,979.0	0.20	249.40	8,964.6	-272.1	-48.2	504,766.18	817,780.56	32° 23' 4.165 N	103° 26' 16.100 W
9,072.0	0.10	190.80	9,057.6	-272.3	-48.4	504,766.05	817,780.39	32° 23' 4.163 N	103° 26' 16.102 W
9,167.0	0.60	2.70	9,152.6	-271.8	-48.4	504,766.46	817,780.40	32° 23' 4.167 N	103° 26' 16.102 W
9,261.0	2.00	296.50	9,246.5	-270.6	-49.8	504,767.68	817,778.96	32° 23' 4.180 N	103° 26' 16.119 W
9,356.0	0.90	332.70	9,341.5	-269.2	-51.7	504,769.09	817,777.13	32° 23' 4.194 N	103° 26' 16.140 W
9,450.0	1.20	295.30	9,435.5	-268.1	-52.9	504,770.16	817,775.90	32° 23' 4.204 N	103° 26' 16.154 W
9,578.0	9.40	1.40	9,562.9	-257.1	-53.9	504,781.21	817,774.94	32° 23' 4.314 N	103° 26' 16.164 W
9,672.0	32.90	359.80	9,649.9	-223.4	-53.8	504,814.89	817,775.04	32° 23' 4.647 N	103° 26' 16.160 W
9,739.5	35.70	358.62	9,705.7	-185.4	-54.3	504,852.91	817,774.50	32° 23' 5.023 N	103° 26' 16.162 W
100' Prod. Area Crossed @ 9739.5' MD / 9705.7' TVD									
9,766.0	36.80	358.20	9,727.1	-169.7	-54.7	504,868.58	817,774.07	32° 23' 5.178 N	103° 26' 16.166 W
9,861.0	37.40	356.40	9,802.8	-112.5	-57.4	504,925.81	817,771.36	32° 23' 5.745 N	103° 26' 16.192 W
9,956.0	47.40	356.30	9,872.9	-48.6	-61.5	504,989.66	817,767.29	32° 23' 6.377 N	103° 26' 16.233 W
10,050.0	59.30	358.30	9,928.9	26.6	-65.0	505,064.85	817,763.84	32° 23' 7.121 N	103° 26' 16.266 W
10,143.0	64.90	357.60	9,972.4	108.7	-67.9	505,146.96	817,760.89	32° 23' 7.934 N	103° 26' 16.292 W
10,237.0	68.70	355.50	10,009.4	194.9	-73.1	505,233.18	817,755.67	32° 23' 8.787 N	103° 26' 16.345 W
10,332.0	71.60	355.20	10,041.7	283.9	-80.4	505,322.23	817,748.42	32° 23' 9.669 N	103° 26' 16.421 W
10,427.0	78.90	354.20	10,065.9	375.3	-88.9	505,413.64	817,739.93	32° 23' 10.574 N	103° 26' 16.511 W
10,521.0	84.50	355.80	10,079.4	468.0	-97.0	505,506.26	817,731.84	32° 23' 11.491 N	103° 26' 16.596 W
10,615.0	88.20	355.90	10,085.4	561.5	-103.7	505,599.81	817,725.05	32° 23' 12.418 N	103° 26' 16.666 W
10,710.0	89.80	355.20	10,087.1	656.2	-111.1	505,694.51	817,717.68	32° 23' 13.355 N	103° 26' 16.743 W
10,804.0	91.20	354.70	10,086.2	749.8	-119.4	505,788.13	817,709.41	32° 23' 14.282 N	103° 26' 16.830 W
10,934.0	90.20	354.60	10,084.7	879.3	-131.5	505,917.56	817,697.29	32° 23' 15.564 N	103° 26' 16.959 W
11,028.0	89.90	355.80	10,084.6	972.9	-139.4	506,011.23	817,689.42	32° 23' 16.491 N	103° 26' 17.041 W
11,122.0	90.20	357.20	10,084.5	1,066.7	-145.1	506,105.05	817,683.68	32° 23' 17.420 N	103° 26' 17.099 W



KLX Directional Drilling

Survey Report - Geographic



Company:	BTA Oil Producers, LLC	Local Co-ordinate Reference:	Well Crazy Goat 8711 14-11 State Com #3H
Project:	Lea County, NM (NAD 83)	TVD Reference:	WELL @ 3496.0usft (Patterson #288)
Site:	Sec 14, T22-S, R34-E	MD Reference:	WELL @ 3496.0usft (Patterson #288)
Well:	Crazy Goat 8711 14-11 State Com #3H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	KLXDirectional-AD

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
11,217.0	89.90	358.00	10,084.4	1,161.7	-149.1	506,199.96	817,679.70	32° 23' 18.360 N	103° 26' 17.136 W
11,313.0	89.20	358.90	10,085.2	1,257.6	-151.7	506,295.92	817,677.11	32° 23' 19.309 N	103° 26' 17.157 W
11,407.0	89.10	359.90	10,086.6	1,351.6	-152.7	506,389.91	817,676.12	32° 23' 20.239 N	103° 26' 17.159 W
11,501.0	89.30	0.90	10,087.9	1,445.6	-152.0	506,483.89	817,676.78	32° 23' 21.169 N	103° 26' 17.143 W
11,595.0	89.00	1.90	10,089.3	1,539.6	-149.7	506,577.85	817,679.07	32° 23' 22.099 N	103° 26' 17.107 W
11,689.0	89.90	2.40	10,090.2	1,633.5	-146.2	506,671.78	817,682.60	32° 23' 23.028 N	103° 26' 17.056 W
11,782.0	91.00	2.40	10,089.4	1,726.4	-142.3	506,764.70	817,686.50	32° 23' 23.947 N	103° 26' 17.002 W
11,877.0	92.30	2.70	10,086.7	1,821.3	-138.1	506,859.56	817,690.72	32° 23' 24.885 N	103° 26' 16.943 W
11,971.0	92.70	2.50	10,082.6	1,915.1	-133.8	506,953.38	817,694.98	32° 23' 25.813 N	103° 26' 16.885 W
12,065.0	92.70	2.20	10,078.2	2,008.9	-130.0	507,047.19	817,698.83	32° 23' 26.741 N	103° 26' 16.830 W
12,160.0	92.80	1.50	10,073.6	2,103.7	-126.9	507,142.03	817,701.89	32° 23' 27.679 N	103° 26' 16.785 W
12,255.0	92.90	0.90	10,068.9	2,198.6	-124.9	507,236.89	817,703.88	32° 23' 28.618 N	103° 26' 16.753 W
12,349.0	92.70	0.20	10,064.3	2,292.5	-124.0	507,330.78	817,704.78	32° 23' 29.546 N	103° 26' 16.733 W
12,443.0	92.40	0.00	10,060.1	2,386.4	-123.9	507,424.68	817,704.95	32° 23' 30.476 N	103° 26' 16.722 W
12,537.0	90.50	358.70	10,057.7	2,480.3	-124.9	507,518.64	817,703.88	32° 23' 31.405 N	103° 26' 16.726 W
12,631.0	90.50	358.60	10,056.9	2,574.3	-127.1	507,612.61	817,701.66	32° 23' 32.335 N	103° 26' 16.742 W
12,726.0	90.40	359.00	10,056.2	2,669.3	-129.1	507,707.59	817,699.68	32° 23' 33.275 N	103° 26' 16.756 W
12,821.0	90.50	358.90	10,055.4	2,764.3	-130.9	507,802.57	817,697.93	32° 23' 34.215 N	103° 26' 16.767 W
12,915.0	89.90	358.40	10,055.1	2,858.2	-133.1	507,896.54	817,695.72	32° 23' 35.145 N	103° 26' 16.784 W
13,009.0	90.30	358.70	10,054.9	2,952.2	-135.5	507,990.51	817,693.34	32° 23' 36.075 N	103° 26' 16.802 W
13,103.0	90.40	358.30	10,054.4	3,046.2	-137.9	508,084.48	817,690.88	32° 23' 37.005 N	103° 26' 16.822 W
13,198.0	89.80	357.80	10,054.2	3,141.1	-141.2	508,179.42	817,687.65	32° 23' 37.945 N	103° 26' 16.850 W
13,293.0	90.20	357.80	10,054.2	3,236.0	-144.8	508,274.35	817,684.00	32° 23' 38.884 N	103° 26' 16.884 W
13,387.0	90.10	357.50	10,054.0	3,330.0	-148.7	508,368.27	817,680.15	32° 23' 39.814 N	103° 26' 16.919 W
13,481.0	90.10	357.20	10,053.8	3,423.9	-153.0	508,462.17	817,675.80	32° 23' 40.743 N	103° 26' 16.961 W
13,575.0	90.40	356.70	10,053.4	3,517.7	-158.0	508,556.03	817,670.80	32° 23' 41.673 N	103° 26' 17.010 W
13,670.0	89.90	356.70	10,053.1	3,612.6	-163.5	508,650.88	817,665.33	32° 23' 42.612 N	103° 26' 17.065 W
13,763.0	90.40	357.90	10,052.9	3,705.5	-167.8	508,743.77	817,660.95	32° 23' 43.531 N	103° 26' 17.107 W
13,857.0	90.10	359.10	10,052.5	3,799.4	-170.3	508,837.74	817,658.49	32° 23' 44.461 N	103° 26' 17.126 W
13,952.0	90.30	359.90	10,052.1	3,894.4	-171.1	508,932.73	817,657.66	32° 23' 45.401 N	103° 26' 17.126 W
14,045.0	90.30	1.10	10,051.7	3,987.4	-170.3	509,025.72	817,658.47	32° 23' 46.321 N	103° 26' 17.108 W
14,140.0	89.60	1.60	10,051.7	4,082.4	-168.1	509,120.70	817,660.71	32° 23' 47.261 N	103° 26' 17.073 W
14,234.0	90.50	2.80	10,051.7	4,176.3	-164.5	509,214.63	817,664.32	32° 23' 48.190 N	103° 26' 17.021 W
14,329.0	89.90	2.70	10,051.3	4,271.2	-159.9	509,309.52	817,668.88	32° 23' 49.128 N	103° 26' 16.959 W
14,424.0	90.00	2.60	10,051.4	4,366.1	-155.5	509,404.41	817,673.27	32° 23' 50.067 N	103° 26' 16.898 W
14,518.0	89.90	2.60	10,051.5	4,460.0	-151.3	509,498.32	817,677.53	32° 23' 50.996 N	103° 26' 16.839 W
14,612.0	90.30	2.70	10,051.3	4,553.9	-146.9	509,592.22	817,681.88	32° 23' 51.924 N	103° 26' 16.780 W
14,706.0	90.80	2.90	10,050.4	4,647.8	-142.3	509,686.10	817,686.47	32° 23' 52.853 N	103° 26' 16.717 W
14,801.0	90.20	2.90	10,049.6	4,742.7	-137.5	509,780.97	817,691.28	32° 23' 53.791 N	103° 26' 16.652 W
14,896.0	90.80	3.00	10,048.8	4,837.5	-132.6	509,875.84	817,696.17	32° 23' 54.730 N	103° 26' 16.585 W
14,990.0	92.20	3.00	10,046.3	4,931.4	-127.7	509,969.68	817,701.08	32° 23' 55.658 N	103° 26' 16.519 W
15,084.0	92.10	1.50	10,042.8	5,025.2	-124.0	510,063.54	817,704.77	32° 23' 56.586 N	103° 26' 16.467 W
15,179.0	93.30	359.50	10,038.3	5,120.1	-123.2	510,158.42	817,705.60	32° 23' 57.525 N	103° 26' 16.448 W
15,273.0	93.50	357.90	10,032.7	5,213.9	-125.3	510,252.23	817,703.47	32° 23' 58.453 N	103° 26' 16.463 W
15,367.0	93.40	357.10	10,027.1	5,307.7	-129.4	510,345.97	817,699.38	32° 23' 59.381 N	103° 26' 16.502 W
15,462.0	92.90	356.10	10,021.9	5,402.4	-135.0	510,440.66	817,693.75	32° 24' 0.318 N	103° 26' 16.558 W
15,556.0	92.00	355.80	10,017.8	5,496.0	-141.7	510,534.34	817,687.12	32° 24' 1.246 N	103° 26' 16.627 W
15,650.0	92.30	355.80	10,014.3	5,589.7	-148.6	510,628.02	817,680.24	32° 24' 2.173 N	103° 26' 16.698 W
15,744.0	91.90	355.80	10,010.9	5,683.4	-155.4	510,721.70	817,673.36	32° 24' 3.101 N	103° 26' 16.769 W
15,838.0	91.70	356.50	10,007.9	5,777.1	-161.7	510,815.44	817,667.05	32° 24' 4.029 N	103° 26' 16.833 W
15,933.0	91.40	358.90	10,005.3	5,872.0	-165.6	510,910.32	817,663.24	32° 24' 4.968 N	103° 26' 16.868 W
16,027.0	91.00	0.80	10,003.4	5,966.0	-165.8	511,004.30	817,663.00	32° 24' 5.898 N	103° 26' 16.862 W
16,121.0	91.10	1.60	10,001.6	6,060.0	-163.8	511,098.26	817,664.96	32° 24' 6.827 N	103° 26' 16.830 W
16,216.0	91.50	1.30	9,999.5	6,154.9	-161.4	511,193.21	817,667.37	32° 24' 7.767 N	103° 26' 16.793 W
16,310.0	90.40	0.40	9,997.9	6,248.9	-160.0	511,287.18	817,668.76	32° 24' 8.696 N	103° 26' 16.767 W



KLX Directional Drilling

Survey Report - Geographic



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Project:	Lea County, NM (NAD 83)	TVD Reference:	WELL @ 3496.0usft (Patterson #288)
Site:	Sec 14, T22-S, R34-E	MD Reference:	WELL @ 3496.0usft (Patterson #288)
Well:	Crazy Goat 8711 14-11 State Com #3H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	KLXDirectional-AD

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
16,404.0	89.40	0.10	9,998.1	6,342.9	-159.6	511,381.18	817,669.17	32° 24' 9.626 N	103° 26' 16.753 W
16,498.0	89.30	0.10	9,999.2	6,436.9	-159.5	511,475.17	817,669.34	32° 24' 10.556 N	103° 26' 16.742 W
16,593.0	89.50	359.70	10,000.2	6,531.9	-159.6	511,570.17	817,669.17	32° 24' 11.496 N	103° 26' 16.735 W
16,687.0	89.40	358.70	10,001.1	6,625.9	-160.9	511,664.15	817,667.86	32° 24' 12.426 N	103° 26' 16.741 W
16,781.0	89.30	357.80	10,002.1	6,719.8	-163.8	511,758.10	817,664.99	32° 24' 13.356 N	103° 26' 16.765 W
16,875.0	89.50	357.40	10,003.1	6,813.7	-167.7	511,852.01	817,661.05	32° 24' 14.286 N	103° 26' 16.802 W
16,969.0	89.30	357.10	10,004.1	6,907.6	-172.3	511,945.90	817,656.54	32° 24' 15.215 N	103° 26' 16.845 W
17,062.0	89.30	357.00	10,005.2	7,000.5	-177.0	512,038.77	817,651.76	32° 24' 16.134 N	103° 26' 16.892 W
17,157.0	89.80	356.80	10,006.0	7,095.3	-182.2	512,133.63	817,646.62	32° 24' 17.073 N	103° 26' 16.943 W
17,251.0	89.60	355.90	10,006.5	7,189.1	-188.2	512,227.43	817,640.63	32° 24' 18.002 N	103° 26' 17.003 W
17,346.0	89.10	355.30	10,007.5	7,283.8	-195.5	512,322.15	817,633.35	32° 24' 18.940 N	103° 26' 17.079 W
17,440.0	88.70	355.80	10,009.4	7,377.5	-202.7	512,415.85	817,626.05	32° 24' 19.868 N	103° 26' 17.155 W
17,534.0	88.00	356.70	10,012.1	7,471.3	-208.9	512,509.61	817,619.91	32° 24' 20.796 N	103° 26' 17.217 W
17,629.0	87.60	357.80	10,015.7	7,566.1	-213.4	512,604.42	817,615.35	32° 24' 21.734 N	103° 26' 17.261 W
17,722.0	87.60	358.90	10,019.6	7,659.0	-216.1	512,697.30	817,612.68	32° 24' 22.654 N	103° 26' 17.283 W
17,816.0	87.40	359.80	10,023.7	7,752.9	-217.2	512,791.21	817,611.61	32° 24' 23.583 N	103° 26' 17.287 W
17,911.0	87.30	0.80	10,028.1	7,847.8	-216.7	512,886.10	817,612.11	32° 24' 24.522 N	103° 26' 17.272 W
18,005.0	87.90	0.10	10,032.0	7,941.7	-216.0	512,980.02	817,612.85	32° 24' 25.451 N	103° 26' 17.254 W
18,099.0	87.90	359.00	10,035.5	8,035.6	-216.7	513,073.95	817,612.11	32° 24' 26.380 N	103° 26' 17.253 W
18,193.0	89.60	359.40	10,037.5	8,129.6	-218.0	513,167.91	817,610.80	32° 24' 27.310 N	103° 26' 17.259 W
18,288.0	90.30	359.20	10,037.6	8,224.6	-219.2	513,262.91	817,609.64	32° 24' 28.250 N	103° 26' 17.264 W
18,381.0	90.20	358.50	10,037.2	8,317.6	-221.0	513,355.89	817,607.77	32° 24' 29.170 N	103° 26' 17.276 W
18,475.0	90.50	358.90	10,036.6	8,411.6	-223.2	513,449.86	817,605.64	32° 24' 30.100 N	103° 26' 17.292 W
18,569.0	90.40	358.50	10,035.9	8,505.5	-225.3	513,543.83	817,603.51	32° 24' 31.030 N	103° 26' 17.308 W
18,663.0	90.50	357.80	10,035.2	8,599.5	-228.3	513,637.78	817,600.47	32° 24' 31.960 N	103° 26' 17.334 W
18,757.0	89.90	357.90	10,034.8	8,693.4	-231.9	513,731.71	817,596.94	32° 24' 32.890 N	103° 26' 17.366 W
18,851.0	90.20	359.30	10,034.7	8,787.4	-234.2	513,825.68	817,594.65	32° 24' 33.820 N	103° 26' 17.384 W
18,945.0	90.30	359.80	10,034.3	8,881.4	-234.9	513,919.68	817,593.91	32° 24' 34.750 N	103° 26' 17.383 W
19,039.0	90.20	359.60	10,033.9	8,975.4	-235.4	514,013.67	817,593.42	32° 24' 35.680 N	103° 26' 17.380 W
19,133.0	89.80	0.70	10,033.9	9,069.4	-235.1	514,107.67	817,593.66	32° 24' 36.610 N	103° 26' 17.368 W
19,228.0	90.20	2.20	10,033.9	9,164.3	-232.7	514,202.64	817,596.07	32° 24' 37.550 N	103° 26' 17.330 W
19,322.0	91.10	1.00	10,032.9	9,258.3	-230.1	514,296.59	817,598.69	32° 24' 38.479 N	103° 26' 17.290 W
19,416.0	89.60	359.40	10,032.3	9,352.3	-229.8	514,390.59	817,599.02	32° 24' 39.409 N	103° 26' 17.277 W
19,509.0	90.90	359.10	10,031.9	9,445.3	-231.0	514,483.58	817,597.80	32° 24' 40.329 N	103° 26' 17.283 W
19,604.0	90.20	355.70	10,031.0	9,540.2	-235.3	514,578.46	817,593.49	32° 24' 41.268 N	103° 26' 17.323 W
19,689.0	90.50	356.10	10,030.4	9,624.9	-241.4	514,663.24	817,587.42	32° 24' 42.108 N	103° 26' 17.386 W
19,783.0	91.60	358.10	10,028.7	9,718.8	-246.1	514,757.10	817,582.66	32° 24' 43.037 N	103° 26' 17.432 W
19,878.0	91.00	0.40	10,026.6	9,813.8	-247.4	514,852.06	817,581.42	32° 24' 43.977 N	103° 26' 17.438 W
19,973.0	89.90	359.90	10,025.8	9,908.8	-247.1	514,947.05	817,581.67	32° 24' 44.916 N	103° 26' 17.425 W
20,067.0	92.30	359.10	10,024.0	10,002.7	-248.0	515,041.02	817,580.85	32° 24' 45.846 N	103° 26' 17.426 W
20,162.0	94.80	359.50	10,018.1	10,097.5	-249.1	515,135.83	817,579.69	32° 24' 46.784 N	103° 26' 17.430 W
20,227.0	95.40	359.20	10,012.4	10,162.3	-249.8	515,200.56	817,578.95	32° 24' 47.425 N	103° 26' 17.432 W
20,236.8	95.40	359.20	10,011.4	10,172.0	-250.0	515,210.32	817,578.82	32° 24' 47.522 N	103° 26' 17.433 W
100' Prod. Area Crossed @ 20236.8' MD / 10011.4' TVD									
20,290.0	95.40	359.20	10,006.4	10,225.0	-250.7	515,263.28	817,578.08	32° 24' 48.046 N	103° 26' 17.436 W
TD @ 20290.0' MD / 10006.4' TVD									



KLX Directional Drilling

Survey Report - Geographic



Company:	BTA Oil Producers, LLC	Local Co-ordinate Reference:	Well Crazy Goat 8711 14-11 State Com #3H
Project:	Lea County, NM (NAD 83)	TVD Reference:	WELL @ 3496.0usft (Patterson #288)
Site:	Sec 14, T22-S, R34-E	MD Reference:	WELL @ 3496.0usft (Patterson #288)
Well:	Crazy Goat 8711 14-11 State Com #3H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	KLXDirectional-AD

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
138.0	138.0	0.2	-0.1	First MWD Survey @ 138.0' MD / 138.0' TVD
5,878.8	5,866.8	-185.3	-41.8	100' Prod. Area Crossed @ 5878.8' MD / 5866.8' TVD
9,739.5	9,705.7	-185.4	-54.3	100' Prod. Area Crossed @ 9739.5' MD / 9705.7' TVD
20,236.8	10,011.4	10,172.0	-250.0	100' Prod. Area Crossed @ 20236.8' MD / 10011.4' TVD
20,290.0	10,006.4	10,225.0	-250.7	TD @ 20290.0' MD / 10006.4' TVD

C-105	State of New Mexico	Revised July 9, 2024
Submit Electronically Via OCD Permitting	Energy, Minerals & Natural Resources Department	
OIL CONSERVATION DIVISION		

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Section 1 - Operator and Well Information

Submittal Type: ☒ New Well ☐ Workover ☐ Deepening ☐ Plugback ☐ Different Reservoir ☐ C-144 Closure Attachment ☐ Other	
Operator Name: BTA OIL PRODUCERS, LLC	OGRID: 260297
Property Name and Well Number: CRAZY GOAT 8711 14 11 STATE COM 3H	Property Code: 333897
Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal	API Number: 30-025-51283
Pool Name: OJO CHISO; BONE SPRING	Pool Code: 93553

Section 2 – Well Location

	UI or lot no.	Section	Township	Range	Lot Id	Feet from	N/S Line	Feet from	E/W Line	County
SHL:	O	14	22S	34E		285	S	1680	E	LEA
BHL	B	11	22S	34E		48.8	N	1868.4	E	

Section 3 – Completion Information

Date T.D. Reached 06/03/2024	Total Measured Depth of Well 20289	Acid Volume (bbls)	☒ Directional Survey Submitted ☐ Deviation Survey Submitted
Date Rig Released 06/06/2024	Plug-Back Measured Depth 20278	Completion Fluid Used (bbls) 596213	Were Logs Ran (Y/N) Y
Completion Date 09/26/2024	Perforations (MD and TVD) 11300 - 20235	Completion Proppant Used (lbs) 24.79 MM	List Type of Logs Ran if applicable: MWD

Section 4 – Action IDs for Submissions and Order Numbers

Surface Casing Action ID: 353093	UIC Permit/Order (UIC wells only) ☐ Yes ☐ No, Order No.
Intermediate 1 Casing Action ID: 353093	NOI Recomplete Action ID (if applicable):
Intermediate 2 Casing Action ID: 353093	NOI Plugback Action ID (if applicable):
Production Casing Action ID: 353093	Cement Squeeze Action ID (if applicable):
Tubing Action ID:	All casing was pressure tested in accordance with NMAC ☒ Yes ☐ No
Liner 1 Action ID: 353093	Casing was installed prior to Action ID system (Y/N): Y

Section 5 – Test Data

Date First Production 09/26/2024	Production Method FLOWING	Well Status PRODUCING	Gas – Oil Ratio 1,210
Date of Test 09/29/2024	Choke Size 64/64	Flowing Tubing Pressure 400	Casing Pressure 150
24 hr Oil (bbls) 880	24 hr Gas (MCF) 1065	24 hr Water (bbls) 2975	Oil Gravity - API 50
Disposition of Gas: SOLD			

Section 6 – Pits

☐ A temporary pit was used at the well. If so, attach a plat with the location of the temporary pit.
☒ A Closed Loop System was used.
☐ If an on-site burial was used at the well, report the exact location of the on-site burial: LAT: _____ LONG: _____

Section 7 - Operator Signature and Certification

☒ I hereby certify that the required Water Use Report has been, or will be, submitted for this well’s completion.	
☒ I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well’s completion.	
☒ 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.	
Name KATY REDDELL	
Title REGULATORY ANALYST	Date 10/17/2024

South Formations				North Formations			
Formation/Zone	MD	TVD	W/O/G	Formation/Zone	MD	TVD	W/O/G
T. Anhy				T. San Jose			
T. Salt	2008	2008		T. Nacimiento			
B. Salt	3067	3067		T. Ojo Alamo			
T. Yates				T. Kirtland			
T. 7 Rivers				T. Fruitland			
T. Queen				T. Pictured Cliffs			
T. Grayburg				T. Lewis Shale			
T. San Andres				T. Chacra			
T. Glorieta				T. Cliff House			
T. Yeso				T. Menefee			
T. Paddock				T. Point Lookout			
T. Blinebry				T. Mancos			
T.Tubb				T. Gallup			
T. Drinkard				T. Greenhorn			
T. Abo				T. Graneros			
T. Wolfcamp				T. Dakota			
T. Penn				T. Morrison			
T. Cisco				T. Bluff			
T. Canyon				T.Todilto			
T. Strawn				T. Entrada			
T. Atoka				T. Wingate			
T. Morrow				T. Chinle			
T. Barnett Shale				T. Permian			
T. Miss				T. Penn A"			
T. Woodford Shale				T. Penn. "B"			
T. Devonian				T. Penn. "C"			
T. Silurian				T. Penn. "D"			
T. Fusselman				T. Leadville			
T. Montoya				T. Madison			
T. Simpson				T. Elbert			
T. McKee				T. McCracken			
T. Waddell				T. Ignacio Otzte			
T. Connel				T. Granite			
T. Ellenburger				T. Hermosa			
T. Gr. Wash				T. De Chelly			
T. Delaware Sand	5830	5830		T. Pinkerton			
T. Lamar Lime							
T. Bell Canyon	5876	5876					
T. Cherry Canyon	6166	6176					
T. Brushy Canyon	7145	7145					
T. Bone Springs	8492	8492					
T. 1st BS Sand	9620	9620					
T. 2nd BS Carbonate							
T. 2nd BS Sand							
T. 3rd BS Carbonate							
T. 3rd BS Sand							

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/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 393493

ACKNOWLEDGMENTS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 393493
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

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.
☒	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.

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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 393493

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 393493
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	7/30/2025