

Well Name: LOST MINE 22302 26-23 FED COM	Well Location: T20S / R35E / SEC 26 / SWSW / 32.538229 / -103.433892	County or Parish/State: LEA / NM
Well Number: 8H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM27205	Unit or CA Name:	Unit or CA Number:
US Well Number:	Operator: BTA OIL PRODUCERS LLC	

Notice of Intent

Sundry ID: 2796796

Type of Submission: Notice of Intent	Type of Action: APD Change
Date Sundry Submitted: 06/24/2024	Time Sundry Submitted: 02:33
Date proposed operation will begin: 06/24/2024	

Procedure Description: BTA Oil Producers LLC respectfully requests the following footage, casing, cement, and drill plan changes to the original APD as approved. Please see attached documents for more details. The LOST MINE 22302 26-23 FED COM 7H IS NO LONGER THE DEFINING WELL FOR THIS WELL. OLD FOOTAGES: SHL: 490' FSL & 820' FWL (NO CHANGE) KOP: 50' FSL & 2146' FWL FTP: 100' FSL & 2146' FWL LTP: 100' FNL & 2146' FWL BHL: 50' FNL & 2146' FWL NEW FOOTAGES KOP: 50' FSL & 1980' FWL FTP: 100' FSL & 1980' FWL LTP: 100' FNL & 1980' FWL BHL: 50' FNL & 1980' FWL

NOI Attachments

Procedure Description

- Lost_Mine_26_23_Fed_Com__8H_DRILL_PLAN_20240624143208.pdf
- Lost_Mine_8H_Directional_plan_20240624143147.pdf
- Lost_Mine_8H_Wall_Plot_20240624143147.pdf
- Signed_C102_LOST_MINE_22302_26_23_FED_COM_8H__6_24_2024__20240624143131.pdf

Received by OCD: 7/2/2024 3:04:56 PM

Page 2 of 17

Well Name: LOST MINE 22302 26-23 FED COM	Well Location: T20S / R35E / SEC 26 / SWSW / 32.538229 / -103.433892	County or Parish/State: LEA / NM
Well Number: 8H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM27205	Unit or CA Name:	Unit or CA Number:
US Well Number:	Operator: BTA OIL PRODUCERS LLC	

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: SAMMY HAJAR	Signed on: JUN 24, 2024 02:32 PM
Name: BTA OIL PRODUCERS LLC	
Title: Regulatory Analyst	
Street Address: 104 S. Pecos	
City: Midland	State: TX
Phone: (432) 682-3753	
Email address: shajar@btaoil.com	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: ZOTA M STEVENS	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752345998	BLM POC Email Address: ZSTEVENS@BLM.GOV
Disposition: Approved	Disposition Date: 06/25/2024
Signature: Zota Stevens	

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.	
6. If Indian, Allottee or Tribe Name	
7. If Unit of CA/Agreement, Name and/or No.	
8. Well Name and No.	
9. API Well No.	
10. Field and Pool or Exploratory Area	11. Country or Parish, State

SUBMIT IN TRIPLICATE - Other instructions on page 2	
1. Type of Well ☐ Oil Well ☐ Gas Well ☐ Other	
2. Name of Operator	
3a. Address	3b. Phone No. (include area code)
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)	

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA				
TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

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

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)	Title
Signature	Date

THE SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Additional Remarks

KOP: 50 FSL & 1980 FWL

FTP: 100 FSL & 1980 FWL

LTP: 100 FNL & 1980 FWL

BHL: 50 FNL & 1980 FWL

Location of Well

0. SHL: SWSW / 490 FSL / 820 FWL / TWSP: 20S / RANGE: 35E / SECTION: 26 / LAT: 32.538229 / LONG: -103.433892 (TVD: 0 feet, MD: 0 feet)

PPP: SESW / 100 FSL / 2146 FWL / TWSP: 20S / RANGE: 35E / SECTION: 26 / LAT: 32.537155 / LONG: -103.429591 (TVD: 10186 feet, MD: 10300 feet)

PPP: NENW / 1322 FNL / 2146 FWL / TWSP: 20S / RANGE: 35E / SECTION: 23 / LAT: 32.562313 / LONG: -103.429561 (TVD: 10470 feet, MD: 19600 feet)

PPP: SENW / 2643 FNL / 2146 FWL / TWSP: 20S / RANGE: 35E / SECTION: 23 / LAT: 32.55868 / LONG: -103.429565 (TVD: 10470 feet, MD: 18200 feet)

BHL: NENW / 50 FNL / 2146 FWL / TWSP: 20S / RANGE: 35E / SECTION: 23 / LAT: 32.565808 / LONG: -103.429556 (TVD: 9461 feet, MD: 19709 feet)

CONFIDENTIAL



BTA Oil Producers, LLC
104 S Pecos
Midland, TX 79701

WELL: Lost Mine 22302 26-23 Fed Com #8H
TVD: 10421
MD: 20767

DRILLING PLAN

Casing Program

Hole Size	Csg.Size	From (MD)	To (MD)	From (TVD)	To (TVD)	Tapered String	Weight (lbs)	Grade	Conn.	Collapse	Burst	Body Tension	Joint Tension	Dry/Buoyant	Mud Weight (ppg)
17 1/2	13 3/8	0	2010	0	2010	No	54.5	J-55	STC	1.3	3.1	7.8	4.7	Dry	8.3
12 1/4	9 5/8	0	5791	0	5747	No	40	J-55	LTC	1.5	1.9	4.0	3.6	Dry	10
8 3/4	5.5	0	20767	0	10421	No	17	P110	Buttress	1.5	2.1	1.5	1.6	Dry	9.4

* 9 5/8" DV Tool @ 4,200'

KOP

9965

Cementing Program

Dv Tool Depth

4200

Csg. Size		Stage Tool Depth	Top MD of Segment	Bottom MD of Segment	Cement Type	Quantity (sk)	Yield (cu. Ft./sk)	Density (lbs. gal)	Volume (cu.ft.)	% Excess	Additives
13 3/8	Lead		0	1675	Class C	1350	1.73	13.5	2335.5	100%	2% CaCl2
	Tail		1675	2010	Class C	340	1.35	14.8	459	100%	2% CaCl2
9 5/8	Stg 2 Lead		0	3645	Class C	1075	2.46	12.8	2644.5	100%	0.5% CaCl2
	Stg 2 Tail		3645	4200	Class C	200	1.34	14.8	268	25%	1% CaCl2
	Stage 1 Lead		4200	5235	Class C	400	2.46	12.8	984	100%	0.5% CaCl2
	Stg 1 Tail		5235	5791	Class C	200	1.34	14.8	268	25%	1% CaCl2
5 1/2	Lead		4791	9965	25% Poz 75% Class C	500	3.9	10.5	1950	60%	0.4% Fluid Loss
	Tail		9965	20767	Class H	2730	1.25	14.4	3412.5	25%	0.2% LT Retarder

BTA Oil Producers, LLC

Lea County, NM (NAD 83)

Lost Mine 22302 26-23 Fed Com

Lost Mine 22302 26-23 Fed Com #8H

Wellbore #1

Plan: Design #1

Standard Planning Report - Geographic

18 June, 2024

Microsoft
Planning Report - Geographic

Database:	EDM5000_OLD	Local Co-ordinate Reference:	Well Lost Mine 22302 26-23 Fed Com #8H
Company:	BTA Oil Producers, LLC	TVD Reference:	GL @ 3681.0usft
Project:	Lea County, NM (NAD 83)	MD Reference:	GL @ 3681.0usft
Site:	Lost Mine 22302 26-23 Fed Com	North Reference:	Grid
Well:	Lost Mine 22302 26-23 Fed Com #8H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project	Lea County, NM (NAD 83), Lea County, NM		
Map System:	US State Plane 1983	System Datum:	Ground Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		Using geodetic scale factor

Site	Lost Mine 22302 26-23 Fed Com				
Site Position:	Northing:	818,427.34 usft	Latitude:	33° 14' 59.275 N	
From:	Map	Easting:	560,707.87 usft	Longitude:	104° 16' 11.897 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "		

Well	Lost Mine 22302 26-23 Fed Com #8H					
Well Position	+N/-S	0.0 usft	Northing:	560,708.70 usft	Latitude:	32° 32' 17.625 N
	+E/-W	0.0 usft	Easting:	818,517.27 usft	Longitude:	103° 26' 2.013 W
Position Uncertainty	818,517.3 usft	Wellhead Elevation:	usft	Ground Level:	3,681.0 usft	
Grid Convergence:	0.48 °					

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	7.71	60.56	48,996.60340279

Design	Design #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	6.17

Plan Survey Tool Program	Date	6/18/2024		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	20,767.3 Design #1 (Wellbore #1)		

Microsoft

Planning Report - Geographic

Database:	EDM5000_OLD	Local Co-ordinate Reference:	Well Lost Mine 22302 26-23 Fed Com #8H
Company:	BTA Oil Producers, LLC	TVD Reference:	GL @ 3681.0usft
Project:	Lea County, NM (NAD 83)	MD Reference:	GL @ 3681.0usft
Site:	Lost Mine 22302 26-23 Fed Com	North Reference:	Grid
Well:	Lost Mine 22302 26-23 Fed Com #8H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,275.0	11.00	110.31	2,273.3	-9.1	24.7	4.00	4.00	0.00	110.31	
8,499.4	11.00	110.31	8,383.4	-421.5	1,138.5	0.00	0.00	0.00	0.00	
8,774.4	0.00	0.00	8,656.7	-430.6	1,163.2	4.00	-4.00	0.00	180.00	
9,717.7	0.00	0.00	9,600.0	-430.6	1,163.2	0.00	0.00	0.00	0.00	Lost Mine #8H KOP
9,965.8	0.00	0.00	9,848.0	-430.6	1,163.2	0.00	0.00	0.00	0.00	
10,865.8	90.00	359.57	10,421.0	142.3	1,158.9	10.00	10.00	0.00	359.57	
20,767.3	90.00	359.57	10,421.0	10,043.6	1,085.0	0.00	0.00	0.00	0.00	Lost Mine #8 BHL

Microsoft
Planning Report - Geographic

Database:	EDM5000_OLD	Local Co-ordinate Reference:	Well Lost Mine 22302 26-23 Fed Com #8H
Company:	BTA Oil Producers, LLC	TVD Reference:	GL @ 3681.0usft
Project:	Lea County, NM (NAD 83)	MD Reference:	GL @ 3681.0usft
Site:	Lost Mine 22302 26-23 Fed Com	North Reference:	Grid
Well:	Lost Mine 22302 26-23 Fed Com #8H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned 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	560,708.70	818,517.27	32° 32' 17.625 N	103° 26' 2.013 W	
100.0	0.00	0.00	100.0	0.0	0.0	560,708.70	818,517.27	32° 32' 17.625 N	103° 26' 2.013 W	
200.0	0.00	0.00	200.0	0.0	0.0	560,708.70	818,517.27	32° 32' 17.625 N	103° 26' 2.013 W	
300.0	0.00	0.00	300.0	0.0	0.0	560,708.70	818,517.27	32° 32' 17.625 N	103° 26' 2.013 W	
400.0	0.00	0.00	400.0	0.0	0.0	560,708.70	818,517.27	32° 32' 17.625 N	103° 26' 2.013 W	
500.0	0.00	0.00	500.0	0.0	0.0	560,708.70	818,517.27	32° 32' 17.625 N	103° 26' 2.013 W	
600.0	0.00	0.00	600.0	0.0	0.0	560,708.70	818,517.27	32° 32' 17.625 N	103° 26' 2.013 W	
700.0	0.00	0.00	700.0	0.0	0.0	560,708.70	818,517.27	32° 32' 17.625 N	103° 26' 2.013 W	
800.0	0.00	0.00	800.0	0.0	0.0	560,708.70	818,517.27	32° 32' 17.625 N	103° 26' 2.013 W	
900.0	0.00	0.00	900.0	0.0	0.0	560,708.70	818,517.27	32° 32' 17.625 N	103° 26' 2.013 W	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	560,708.70	818,517.27	32° 32' 17.625 N	103° 26' 2.013 W	
1,100.0	0.00	0.00	1,100.0	0.0	0.0	560,708.70	818,517.27	32° 32' 17.625 N	103° 26' 2.013 W	
1,200.0	0.00	0.00	1,200.0	0.0	0.0	560,708.70	818,517.27	32° 32' 17.625 N	103° 26' 2.013 W	
1,300.0	0.00	0.00	1,300.0	0.0	0.0	560,708.70	818,517.27	32° 32' 17.625 N	103° 26' 2.013 W	
1,400.0	0.00	0.00	1,400.0	0.0	0.0	560,708.70	818,517.27	32° 32' 17.625 N	103° 26' 2.013 W	
1,500.0	0.00	0.00	1,500.0	0.0	0.0	560,708.70	818,517.27	32° 32' 17.625 N	103° 26' 2.013 W	
1,600.0	0.00	0.00	1,600.0	0.0	0.0	560,708.70	818,517.27	32° 32' 17.625 N	103° 26' 2.013 W	
1,700.0	0.00	0.00	1,700.0	0.0	0.0	560,708.70	818,517.27	32° 32' 17.625 N	103° 26' 2.013 W	
1,800.0	0.00	0.00	1,800.0	0.0	0.0	560,708.70	818,517.27	32° 32' 17.625 N	103° 26' 2.013 W	
1,900.0	0.00	0.00	1,900.0	0.0	0.0	560,708.70	818,517.27	32° 32' 17.625 N	103° 26' 2.013 W	
2,000.0	0.00	0.00	2,000.0	0.0	0.0	560,708.70	818,517.27	32° 32' 17.625 N	103° 26' 2.013 W	
2,100.0	4.00	110.31	2,099.9	-1.2	3.3	560,707.49	818,520.54	32° 32' 17.613 N	103° 26' 1.974 W	
2,200.0	8.00	110.31	2,199.4	-4.8	13.1	560,703.86	818,530.34	32° 32' 17.576 N	103° 26' 1.860 W	
2,275.0	11.00	110.31	2,273.3	-9.1	24.7	560,699.57	818,541.95	32° 32' 17.533 N	103° 26' 1.725 W	
2,300.0	11.00	110.31	2,297.9	-10.8	29.2	560,697.91	818,546.42	32° 32' 17.516 N	103° 26' 1.673 W	
2,400.0	11.00	110.31	2,396.0	-17.4	47.0	560,691.29	818,564.32	32° 32' 17.449 N	103° 26' 1.465 W	
2,500.0	11.00	110.31	2,494.2	-24.0	64.9	560,684.66	818,582.21	32° 32' 17.382 N	103° 26' 1.256 W	
2,600.0	11.00	110.31	2,592.3	-30.7	82.8	560,678.04	818,600.10	32° 32' 17.315 N	103° 26' 1.048 W	
2,700.0	11.00	110.31	2,690.5	-37.3	100.7	560,671.41	818,618.00	32° 32' 17.248 N	103° 26' 0.840 W	
2,800.0	11.00	110.31	2,788.7	-43.9	118.6	560,664.79	818,635.89	32° 32' 17.181 N	103° 26' 0.631 W	
2,900.0	11.00	110.31	2,886.8	-50.5	136.5	560,658.16	818,653.79	32° 32' 17.114 N	103° 26' 0.423 W	
3,000.0	11.00	110.31	2,985.0	-57.2	154.4	560,651.54	818,671.68	32° 32' 17.047 N	103° 26' 0.215 W	
3,100.0	11.00	110.31	3,083.2	-63.8	172.3	560,644.92	818,689.57	32° 32' 16.980 N	103° 26' 0.006 W	
3,200.0	11.00	110.31	3,181.3	-70.4	190.2	560,638.29	818,707.47	32° 32' 16.912 N	103° 25' 59.798 W	
3,300.0	11.00	110.31	3,279.5	-77.0	208.1	560,631.67	818,725.36	32° 32' 16.845 N	103° 25' 59.589 W	
3,400.0	11.00	110.31	3,377.6	-83.7	226.0	560,625.04	818,743.26	32° 32' 16.778 N	103° 25' 59.381 W	
3,500.0	11.00	110.31	3,475.8	-90.3	243.9	560,618.42	818,761.15	32° 32' 16.711 N	103° 25' 59.173 W	
3,600.0	11.00	110.31	3,574.0	-96.9	261.8	560,611.79	818,779.04	32° 32' 16.644 N	103° 25' 58.964 W	
3,700.0	11.00	110.31	3,672.1	-103.5	279.7	560,605.17	818,796.94	32° 32' 16.577 N	103° 25' 58.756 W	
3,800.0	11.00	110.31	3,770.3	-110.2	297.6	560,598.54	818,814.83	32° 32' 16.510 N	103° 25' 58.548 W	
3,900.0	11.00	110.31	3,868.5	-116.8	315.5	560,591.92	818,832.73	32° 32' 16.443 N	103° 25' 58.339 W	
4,000.0	11.00	110.31	3,966.6	-123.4	333.4	560,585.30	818,850.62	32° 32' 16.376 N	103° 25' 58.131 W	
4,100.0	11.00	110.31	4,064.8	-130.0	351.2	560,578.67	818,868.51	32° 32' 16.309 N	103° 25' 57.923 W	
4,200.0	11.00	110.31	4,162.9	-136.7	369.1	560,572.05	818,886.41	32° 32' 16.242 N	103° 25' 57.714 W	
4,300.0	11.00	110.31	4,261.1	-143.3	387.0	560,565.42	818,904.30	32° 32' 16.175 N	103° 25' 57.506 W	
4,400.0	11.00	110.31	4,359.3	-149.9	404.9	560,558.80	818,922.20	32° 32' 16.108 N	103° 25' 57.298 W	
4,500.0	11.00	110.31	4,457.4	-156.5	422.8	560,552.17	818,940.09	32° 32' 16.041 N	103° 25' 57.089 W	
4,600.0	11.00	110.31	4,555.6	-163.2	440.7	560,545.55	818,957.98	32° 32' 15.974 N	103° 25' 56.881 W	
4,700.0	11.00	110.31	4,653.8	-169.8	458.6	560,538.93	818,975.88	32° 32' 15.907 N	103° 25' 56.672 W	
4,800.0	11.00	110.31	4,751.9	-176.4	476.5	560,532.30	818,993.77	32° 32' 15.840 N	103° 25' 56.464 W	
4,900.0	11.00	110.31	4,850.1	-183.0	494.4	560,525.68	819,011.67	32° 32' 15.773 N	103° 25' 56.256 W	
5,000.0	11.00	110.31	4,948.2	-189.7	512.3	560,519.05	819,029.56	32° 32' 15.706 N	103° 25' 56.047 W	
5,100.0	11.00	110.31	5,046.4	-196.3	530.2	560,512.43	819,047.46	32° 32' 15.639 N	103° 25' 55.839 W	
5,200.0	11.00	110.31	5,144.6	-202.9	548.1	560,505.80	819,065.35	32° 32' 15.572 N	103° 25' 55.631 W	
5,300.0	11.00	110.31	5,242.7	-209.5	566.0	560,499.18	819,083.24	32° 32' 15.505 N	103° 25' 55.422 W	

Microsoft
Planning Report - Geographic

Database:	EDM5000_OLD	Local Co-ordinate Reference:	Well Lost Mine 22302 26-23 Fed Com #8H
Company:	BTA Oil Producers, LLC	TVD Reference:	GL @ 3681.0usft
Project:	Lea County, NM (NAD 83)	MD Reference:	GL @ 3681.0usft
Site:	Lost Mine 22302 26-23 Fed Com	North Reference:	Grid
Well:	Lost Mine 22302 26-23 Fed Com #8H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
5,400.0	11.00	110.31	5,340.9	-216.1	583.9	560,492.56	819,101.14	32° 32' 15.438 N	103° 25' 55.214 W	
5,500.0	11.00	110.31	5,439.1	-222.8	601.8	560,485.93	819,119.03	32° 32' 15.371 N	103° 25' 55.006 W	
5,600.0	11.00	110.31	5,537.2	-229.4	619.7	560,479.31	819,136.93	32° 32' 15.303 N	103° 25' 54.797 W	
5,700.0	11.00	110.31	5,635.4	-236.0	637.6	560,472.68	819,154.82	32° 32' 15.236 N	103° 25' 54.589 W	
5,800.0	11.00	110.31	5,733.5	-242.6	655.4	560,466.06	819,172.71	32° 32' 15.169 N	103° 25' 54.381 W	
5,900.0	11.00	110.31	5,831.7	-249.3	673.3	560,459.43	819,190.61	32° 32' 15.102 N	103° 25' 54.172 W	
6,000.0	11.00	110.31	5,929.9	-255.9	691.2	560,452.81	819,208.50	32° 32' 15.035 N	103° 25' 53.964 W	
6,100.0	11.00	110.31	6,028.0	-262.5	709.1	560,446.18	819,226.40	32° 32' 14.968 N	103° 25' 53.755 W	
6,200.0	11.00	110.31	6,126.2	-269.1	727.0	560,439.56	819,244.29	32° 32' 14.901 N	103° 25' 53.547 W	
6,300.0	11.00	110.31	6,224.4	-275.8	744.9	560,432.94	819,262.18	32° 32' 14.834 N	103° 25' 53.339 W	
6,400.0	11.00	110.31	6,322.5	-282.4	762.8	560,426.31	819,280.08	32° 32' 14.767 N	103° 25' 53.130 W	
6,500.0	11.00	110.31	6,420.7	-289.0	780.7	560,419.69	819,297.97	32° 32' 14.700 N	103° 25' 52.922 W	
6,600.0	11.00	110.31	6,518.9	-295.6	798.6	560,413.06	819,315.87	32° 32' 14.633 N	103° 25' 52.714 W	
6,700.0	11.00	110.31	6,617.0	-302.3	816.5	560,406.44	819,333.76	32° 32' 14.566 N	103° 25' 52.505 W	
6,800.0	11.00	110.31	6,715.2	-308.9	834.4	560,399.81	819,351.65	32° 32' 14.499 N	103° 25' 52.297 W	
6,900.0	11.00	110.31	6,813.3	-315.5	852.3	560,393.19	819,369.55	32° 32' 14.432 N	103° 25' 52.089 W	
7,000.0	11.00	110.31	6,911.5	-322.1	870.2	560,386.57	819,387.44	32° 32' 14.365 N	103° 25' 51.880 W	
7,100.0	11.00	110.31	7,009.7	-328.8	888.1	560,379.94	819,405.34	32° 32' 14.298 N	103° 25' 51.672 W	
7,200.0	11.00	110.31	7,107.8	-335.4	906.0	560,373.32	819,423.23	32° 32' 14.231 N	103° 25' 51.464 W	
7,300.0	11.00	110.31	7,206.0	-342.0	923.9	560,366.69	819,441.12	32° 32' 14.164 N	103° 25' 51.255 W	
7,400.0	11.00	110.31	7,304.2	-348.6	941.8	560,360.07	819,459.02	32° 32' 14.097 N	103° 25' 51.047 W	
7,500.0	11.00	110.31	7,402.3	-355.3	959.6	560,353.44	819,476.91	32° 32' 14.030 N	103° 25' 50.838 W	
7,600.0	11.00	110.31	7,500.5	-361.9	977.5	560,346.82	819,494.81	32° 32' 13.963 N	103° 25' 50.630 W	
7,700.0	11.00	110.31	7,598.6	-368.5	995.4	560,340.20	819,512.70	32° 32' 13.896 N	103° 25' 50.422 W	
7,800.0	11.00	110.31	7,696.8	-375.1	1,013.3	560,333.57	819,530.59	32° 32' 13.829 N	103° 25' 50.213 W	
7,900.0	11.00	110.31	7,795.0	-381.8	1,031.2	560,326.95	819,548.49	32° 32' 13.762 N	103° 25' 50.005 W	
8,000.0	11.00	110.31	7,893.1	-388.4	1,049.1	560,320.32	819,566.38	32° 32' 13.694 N	103° 25' 49.797 W	
8,100.0	11.00	110.31	7,991.3	-395.0	1,067.0	560,313.70	819,584.28	32° 32' 13.627 N	103° 25' 49.588 W	
8,200.0	11.00	110.31	8,089.5	-401.6	1,084.9	560,307.07	819,602.17	32° 32' 13.560 N	103° 25' 49.380 W	
8,300.0	11.00	110.31	8,187.6	-408.3	1,102.8	560,300.45	819,620.06	32° 32' 13.493 N	103° 25' 49.172 W	
8,400.0	11.00	110.31	8,285.8	-414.9	1,120.7	560,293.82	819,637.96	32° 32' 13.426 N	103° 25' 48.963 W	
8,499.4	11.00	110.31	8,383.4	-421.5	1,138.5	560,287.24	819,655.75	32° 32' 13.360 N	103° 25' 48.756 W	
8,500.0	10.98	110.31	8,383.9	-421.5	1,138.6	560,287.20	819,655.85	32° 32' 13.359 N	103° 25' 48.755 W	
8,600.0	6.98	110.31	8,482.7	-426.9	1,153.2	560,281.78	819,670.48	32° 32' 13.304 N	103° 25' 48.585 W	
8,700.0	2.98	110.31	8,582.3	-429.9	1,161.4	560,278.77	819,678.62	32° 32' 13.274 N	103° 25' 48.490 W	
8,774.4	0.00	0.00	8,656.7	-430.6	1,163.2	560,278.10	819,680.43	32° 32' 13.267 N	103° 25' 48.469 W	
8,800.0	0.00	0.00	8,682.3	-430.6	1,163.2	560,278.10	819,680.43	32° 32' 13.267 N	103° 25' 48.469 W	
8,900.0	0.00	0.00	8,782.3	-430.6	1,163.2	560,278.10	819,680.43	32° 32' 13.267 N	103° 25' 48.469 W	
9,000.0	0.00	0.00	8,882.3	-430.6	1,163.2	560,278.10	819,680.43	32° 32' 13.267 N	103° 25' 48.469 W	
9,100.0	0.00	0.00	8,982.3	-430.6	1,163.2	560,278.10	819,680.43	32° 32' 13.267 N	103° 25' 48.469 W	
9,200.0	0.00	0.00	9,082.3	-430.6	1,163.2	560,278.10	819,680.43	32° 32' 13.267 N	103° 25' 48.469 W	
9,300.0	0.00	0.00	9,182.3	-430.6	1,163.2	560,278.10	819,680.43	32° 32' 13.267 N	103° 25' 48.469 W	
9,400.0	0.00	0.00	9,282.3	-430.6	1,163.2	560,278.10	819,680.43	32° 32' 13.267 N	103° 25' 48.469 W	
9,500.0	0.00	0.00	9,382.3	-430.6	1,163.2	560,278.10	819,680.43	32° 32' 13.267 N	103° 25' 48.469 W	
9,600.0	0.00	0.00	9,482.3	-430.6	1,163.2	560,278.10	819,680.43	32° 32' 13.267 N	103° 25' 48.469 W	
9,700.0	0.00	0.00	9,582.3	-430.6	1,163.2	560,278.10	819,680.43	32° 32' 13.267 N	103° 25' 48.469 W	
9,717.7	0.00	0.00	9,600.0	-430.6	1,163.2	560,278.10	819,680.43	32° 32' 13.267 N	103° 25' 48.469 W	
9,800.0	0.00	0.00	9,682.3	-430.6	1,163.2	560,278.10	819,680.43	32° 32' 13.267 N	103° 25' 48.469 W	
9,900.0	0.00	0.00	9,782.3	-430.6	1,163.2	560,278.10	819,680.43	32° 32' 13.267 N	103° 25' 48.469 W	
9,965.8	0.00	0.00	9,848.0	-430.6	1,163.2	560,278.10	819,680.43	32° 32' 13.267 N	103° 25' 48.469 W	
10,000.0	3.42	359.57	9,882.2	-429.6	1,163.2	560,279.12	819,680.42	32° 32' 13.277 N	103° 25' 48.469 W	
10,100.0	13.42	359.57	9,981.0	-415.0	1,163.0	560,293.75	819,680.31	32° 32' 13.422 N	103° 25' 48.469 W	
10,200.0	23.42	359.57	10,075.8	-383.4	1,162.8	560,325.31	819,680.08	32° 32' 13.734 N	103° 25' 48.468 W	
10,300.0	33.42	359.57	10,163.6	-335.9	1,162.5	560,372.85	819,679.72	32° 32' 14.205 N	103° 25' 48.468 W	
10,400.0	43.42	359.57	10,241.9	-273.8	1,162.0	560,434.91	819,679.26	32° 32' 14.819 N	103° 25' 48.467 W	

Microsoft
Planning Report - Geographic

Database:	EDM5000_OLD	Local Co-ordinate Reference:	Well Lost Mine 22302 26-23 Fed Com #8H
Company:	BTA Oil Producers, LLC	TVD Reference:	GL @ 3681.0usft
Project:	Lea County, NM (NAD 83)	MD Reference:	GL @ 3681.0usft
Site:	Lost Mine 22302 26-23 Fed Com	North Reference:	Grid
Well:	Lost Mine 22302 26-23 Fed Com #8H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
10,500.0	53.42	359.57	10,308.2	-199.1	1,161.4	560,509.62	819,678.70	32° 32' 15.558 N	103° 25' 48.466 W	
10,600.0	63.42	359.57	10,360.5	-114.0	1,160.8	560,594.70	819,678.06	32° 32' 16.400 N	103° 25' 48.465 W	
10,700.0	73.42	359.57	10,397.2	-21.1	1,160.1	560,687.58	819,677.37	32° 32' 17.319 N	103° 25' 48.464 W	
10,800.0	83.42	359.57	10,417.2	76.7	1,159.4	560,785.41	819,676.64	32° 32' 18.287 N	103° 25' 48.463 W	
10,865.8	90.00	359.57	10,421.0	142.3	1,158.9	560,851.04	819,676.15	32° 32' 18.936 N	103° 25' 48.462 W	
10,900.0	90.00	359.57	10,421.0	176.6	1,158.6	560,885.27	819,675.89	32° 32' 19.275 N	103° 25' 48.462 W	
11,000.0	90.00	359.57	10,421.0	276.6	1,157.9	560,985.26	819,675.15	32° 32' 20.264 N	103° 25' 48.460 W	
11,100.0	90.00	359.57	10,421.0	376.6	1,157.1	561,085.26	819,674.40	32° 32' 21.254 N	103° 25' 48.459 W	
11,200.0	90.00	359.57	10,421.0	476.6	1,156.4	561,185.26	819,673.65	32° 32' 22.243 N	103° 25' 48.458 W	
11,300.0	90.00	359.57	10,421.0	576.6	1,155.6	561,285.25	819,672.91	32° 32' 23.233 N	103° 25' 48.457 W	
11,400.0	90.00	359.57	10,421.0	676.6	1,154.9	561,385.25	819,672.16	32° 32' 24.222 N	103° 25' 48.456 W	
11,500.0	90.00	359.57	10,421.0	776.5	1,154.1	561,485.25	819,671.41	32° 32' 25.212 N	103° 25' 48.454 W	
11,600.0	90.00	359.57	10,421.0	876.5	1,153.4	561,585.25	819,670.67	32° 32' 26.201 N	103° 25' 48.453 W	
11,700.0	90.00	359.57	10,421.0	976.5	1,152.7	561,685.24	819,669.92	32° 32' 27.191 N	103° 25' 48.452 W	
11,800.0	90.00	359.57	10,421.0	1,076.5	1,151.9	561,785.24	819,669.17	32° 32' 28.180 N	103° 25' 48.451 W	
11,900.0	90.00	359.57	10,421.0	1,176.5	1,151.2	561,885.24	819,668.43	32° 32' 29.170 N	103° 25' 48.450 W	
12,000.0	90.00	359.57	10,421.0	1,276.5	1,150.4	561,985.23	819,667.68	32° 32' 30.159 N	103° 25' 48.449 W	
12,100.0	90.00	359.57	10,421.0	1,376.5	1,149.7	562,085.23	819,666.93	32° 32' 31.149 N	103° 25' 48.447 W	
12,200.0	90.00	359.57	10,421.0	1,476.5	1,148.9	562,185.23	819,666.19	32° 32' 32.138 N	103° 25' 48.446 W	
12,300.0	90.00	359.57	10,421.0	1,576.5	1,148.2	562,285.22	819,665.44	32° 32' 33.128 N	103° 25' 48.445 W	
12,400.0	90.00	359.57	10,421.0	1,676.5	1,147.4	562,385.22	819,664.69	32° 32' 34.117 N	103° 25' 48.444 W	
12,500.0	90.00	359.57	10,421.0	1,776.5	1,146.7	562,485.22	819,663.95	32° 32' 35.106 N	103° 25' 48.443 W	
12,600.0	90.00	359.57	10,421.0	1,876.5	1,145.9	562,585.21	819,663.20	32° 32' 36.096 N	103° 25' 48.441 W	
12,700.0	90.00	359.57	10,421.0	1,976.5	1,145.2	562,685.21	819,662.45	32° 32' 37.085 N	103° 25' 48.440 W	
12,800.0	90.00	359.57	10,421.0	2,076.5	1,144.4	562,785.21	819,661.71	32° 32' 38.075 N	103° 25' 48.439 W	
12,900.0	90.00	359.57	10,421.0	2,176.5	1,143.7	562,885.21	819,660.96	32° 32' 39.064 N	103° 25' 48.438 W	
13,000.0	90.00	359.57	10,421.0	2,276.5	1,142.9	562,985.20	819,660.21	32° 32' 40.054 N	103° 25' 48.437 W	
13,100.0	90.00	359.57	10,421.0	2,376.5	1,142.2	563,085.20	819,659.47	32° 32' 41.043 N	103° 25' 48.436 W	
13,200.0	90.00	359.57	10,421.0	2,476.5	1,141.5	563,185.20	819,658.72	32° 32' 42.033 N	103° 25' 48.434 W	
13,300.0	90.00	359.57	10,421.0	2,576.5	1,140.7	563,285.19	819,657.97	32° 32' 43.022 N	103° 25' 48.433 W	
13,400.0	90.00	359.57	10,421.0	2,676.5	1,140.0	563,385.19	819,657.23	32° 32' 44.012 N	103° 25' 48.432 W	
13,500.0	90.00	359.57	10,421.0	2,776.5	1,139.2	563,485.19	819,656.48	32° 32' 45.001 N	103° 25' 48.431 W	
13,600.0	90.00	359.57	10,421.0	2,876.5	1,138.5	563,585.18	819,655.73	32° 32' 45.991 N	103° 25' 48.430 W	
13,700.0	90.00	359.57	10,421.0	2,976.5	1,137.7	563,685.18	819,654.99	32° 32' 46.980 N	103° 25' 48.428 W	
13,800.0	90.00	359.57	10,421.0	3,076.5	1,137.0	563,785.18	819,654.24	32° 32' 47.970 N	103° 25' 48.427 W	
13,900.0	90.00	359.57	10,421.0	3,176.5	1,136.2	563,885.17	819,653.49	32° 32' 48.959 N	103° 25' 48.426 W	
14,000.0	90.00	359.57	10,421.0	3,276.5	1,135.5	563,985.17	819,652.75	32° 32' 49.948 N	103° 25' 48.425 W	
14,100.0	90.00	359.57	10,421.0	3,376.5	1,134.7	564,085.17	819,652.00	32° 32' 50.938 N	103° 25' 48.424 W	
14,200.0	90.00	359.57	10,421.0	3,476.5	1,134.0	564,185.17	819,651.25	32° 32' 51.927 N	103° 25' 48.422 W	
14,300.0	90.00	359.57	10,421.0	3,576.5	1,133.2	564,285.16	819,650.51	32° 32' 52.917 N	103° 25' 48.421 W	
14,400.0	90.00	359.57	10,421.0	3,676.5	1,132.5	564,385.16	819,649.76	32° 32' 53.906 N	103° 25' 48.420 W	
14,500.0	90.00	359.57	10,421.0	3,776.5	1,131.7	564,485.16	819,649.01	32° 32' 54.896 N	103° 25' 48.419 W	
14,600.0	90.00	359.57	10,421.0	3,876.5	1,131.0	564,585.15	819,648.27	32° 32' 55.885 N	103° 25' 48.418 W	
14,700.0	90.00	359.57	10,421.0	3,976.5	1,130.3	564,685.15	819,647.52	32° 32' 56.875 N	103° 25' 48.417 W	
14,800.0	90.00	359.57	10,421.0	4,076.5	1,129.5	564,785.15	819,646.77	32° 32' 57.864 N	103° 25' 48.415 W	
14,900.0	90.00	359.57	10,421.0	4,176.5	1,128.8	564,885.14	819,646.03	32° 32' 58.854 N	103° 25' 48.414 W	
15,000.0	90.00	359.57	10,421.0	4,276.5	1,128.0	564,985.14	819,645.28	32° 32' 59.843 N	103° 25' 48.413 W	
15,100.0	90.00	359.57	10,421.0	4,376.4	1,127.3	565,085.14	819,644.53	32° 33' 0.833 N	103° 25' 48.412 W	
15,200.0	90.00	359.57	10,421.0	4,476.4	1,126.5	565,185.13	819,643.79	32° 33' 1.822 N	103° 25' 48.411 W	
15,300.0	90.00	359.57	10,421.0	4,576.4	1,125.8	565,285.13	819,643.04	32° 33' 2.811 N	103° 25' 48.409 W	
15,400.0	90.00	359.57	10,421.0	4,676.4	1,125.0	565,385.13	819,642.29	32° 33' 3.801 N	103° 25' 48.408 W	
15,500.0	90.00	359.57	10,421.0	4,776.4	1,124.3	565,485.13	819,641.55	32° 33' 4.790 N	103° 25' 48.407 W	
15,600.0	90.00	359.57	10,421.0	4,876.4	1,123.5	565,585.12	819,640.80	32° 33' 5.780 N	103° 25' 48.406 W	
15,700.0	90.00	359.57	10,421.0	4,976.4	1,122.8	565,685.12	819,640.05	32° 33' 6.769 N	103° 25' 48.405 W	
15,800.0	90.00	359.57	10,421.0	5,076.4	1,122.0	565,785.12	819,639.31	32° 33' 7.759 N	103° 25' 48.404 W	

Microsoft
Planning Report - Geographic

Database:	EDM5000_OLD	Local Co-ordinate Reference:	Well Lost Mine 22302 26-23 Fed Com #8H
Company:	BTA Oil Producers, LLC	TVD Reference:	GL @ 3681.0usft
Project:	Lea County, NM (NAD 83)	MD Reference:	GL @ 3681.0usft
Site:	Lost Mine 22302 26-23 Fed Com	North Reference:	Grid
Well:	Lost Mine 22302 26-23 Fed Com #8H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

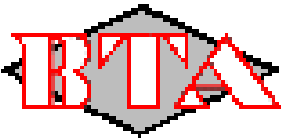
Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
15,900.0	90.00	359.57	10,421.0	5,176.4	1,121.3	565,885.11	819,638.56	32° 33' 8.748 N	103° 25' 48.402 W	
16,000.0	90.00	359.57	10,421.0	5,276.4	1,120.5	565,985.11	819,637.81	32° 33' 9.738 N	103° 25' 48.401 W	
16,100.0	90.00	359.57	10,421.0	5,376.4	1,119.8	566,085.11	819,637.07	32° 33' 10.727 N	103° 25' 48.400 W	
16,200.0	90.00	359.57	10,421.0	5,476.4	1,119.1	566,185.10	819,636.32	32° 33' 11.717 N	103° 25' 48.399 W	
16,300.0	90.00	359.57	10,421.0	5,576.4	1,118.3	566,285.10	819,635.57	32° 33' 12.706 N	103° 25' 48.398 W	
16,400.0	90.00	359.57	10,421.0	5,676.4	1,117.6	566,385.10	819,634.83	32° 33' 13.696 N	103° 25' 48.396 W	
16,500.0	90.00	359.57	10,421.0	5,776.4	1,116.8	566,485.09	819,634.08	32° 33' 14.685 N	103° 25' 48.395 W	
16,600.0	90.00	359.57	10,421.0	5,876.4	1,116.1	566,585.09	819,633.33	32° 33' 15.675 N	103° 25' 48.394 W	
16,700.0	90.00	359.57	10,421.0	5,976.4	1,115.3	566,685.09	819,632.59	32° 33' 16.664 N	103° 25' 48.393 W	
16,800.0	90.00	359.57	10,421.0	6,076.4	1,114.6	566,785.09	819,631.84	32° 33' 17.653 N	103° 25' 48.392 W	
16,900.0	90.00	359.57	10,421.0	6,176.4	1,113.8	566,885.08	819,631.09	32° 33' 18.643 N	103° 25' 48.390 W	
17,000.0	90.00	359.57	10,421.0	6,276.4	1,113.1	566,985.08	819,630.35	32° 33' 19.632 N	103° 25' 48.389 W	
17,100.0	90.00	359.57	10,421.0	6,376.4	1,112.3	567,085.08	819,629.60	32° 33' 20.622 N	103° 25' 48.388 W	
17,200.0	90.00	359.57	10,421.0	6,476.4	1,111.6	567,185.07	819,628.85	32° 33' 21.611 N	103° 25' 48.387 W	
17,300.0	90.00	359.57	10,421.0	6,576.4	1,110.8	567,285.07	819,628.11	32° 33' 22.601 N	103° 25' 48.386 W	
17,400.0	90.00	359.57	10,421.0	6,676.4	1,110.1	567,385.07	819,627.36	32° 33' 23.590 N	103° 25' 48.385 W	
17,500.0	90.00	359.57	10,421.0	6,776.4	1,109.3	567,485.06	819,626.61	32° 33' 24.580 N	103° 25' 48.383 W	
17,600.0	90.00	359.57	10,421.0	6,876.4	1,108.6	567,585.06	819,625.87	32° 33' 25.569 N	103° 25' 48.382 W	
17,700.0	90.00	359.57	10,421.0	6,976.4	1,107.9	567,685.06	819,625.12	32° 33' 26.559 N	103° 25' 48.381 W	
17,800.0	90.00	359.57	10,421.0	7,076.4	1,107.1	567,785.05	819,624.37	32° 33' 27.548 N	103° 25' 48.380 W	
17,900.0	90.00	359.57	10,421.0	7,176.4	1,106.4	567,885.05	819,623.63	32° 33' 28.538 N	103° 25' 48.379 W	
18,000.0	90.00	359.57	10,421.0	7,276.4	1,105.6	567,985.05	819,622.88	32° 33' 29.527 N	103° 25' 48.377 W	
18,100.0	90.00	359.57	10,421.0	7,376.4	1,104.9	568,085.05	819,622.13	32° 33' 30.516 N	103° 25' 48.376 W	
18,200.0	90.00	359.57	10,421.0	7,476.4	1,104.1	568,185.04	819,621.39	32° 33' 31.506 N	103° 25' 48.375 W	
18,300.0	90.00	359.57	10,421.0	7,576.4	1,103.4	568,285.04	819,620.64	32° 33' 32.495 N	103° 25' 48.374 W	
18,400.0	90.00	359.57	10,421.0	7,676.4	1,102.6	568,385.04	819,619.89	32° 33' 33.485 N	103° 25' 48.373 W	
18,500.0	90.00	359.57	10,421.0	7,776.4	1,101.9	568,485.03	819,619.15	32° 33' 34.474 N	103° 25' 48.371 W	
18,600.0	90.00	359.57	10,421.0	7,876.4	1,101.1	568,585.03	819,618.40	32° 33' 35.464 N	103° 25' 48.370 W	
18,700.0	90.00	359.57	10,421.0	7,976.3	1,100.4	568,685.03	819,617.65	32° 33' 36.453 N	103° 25' 48.369 W	
18,800.0	90.00	359.57	10,421.0	8,076.3	1,099.6	568,785.02	819,616.91	32° 33' 37.443 N	103° 25' 48.368 W	
18,900.0	90.00	359.57	10,421.0	8,176.3	1,098.9	568,885.02	819,616.16	32° 33' 38.432 N	103° 25' 48.367 W	
19,000.0	90.00	359.57	10,421.0	8,276.3	1,098.1	568,985.02	819,615.41	32° 33' 39.422 N	103° 25' 48.365 W	
19,100.0	90.00	359.57	10,421.0	8,376.3	1,097.4	569,085.01	819,614.67	32° 33' 40.411 N	103° 25' 48.364 W	
19,200.0	90.00	359.57	10,421.0	8,476.3	1,096.7	569,185.01	819,613.92	32° 33' 41.401 N	103° 25' 48.363 W	
19,300.0	90.00	359.57	10,421.0	8,576.3	1,095.9	569,285.01	819,613.17	32° 33' 42.390 N	103° 25' 48.362 W	
19,400.0	90.00	359.57	10,421.0	8,676.3	1,095.2	569,385.01	819,612.43	32° 33' 43.379 N	103° 25' 48.361 W	
19,500.0	90.00	359.57	10,421.0	8,776.3	1,094.4	569,485.00	819,611.68	32° 33' 44.369 N	103° 25' 48.360 W	
19,600.0	90.00	359.57	10,421.0	8,876.3	1,093.7	569,585.00	819,610.93	32° 33' 45.358 N	103° 25' 48.358 W	
19,700.0	90.00	359.57	10,421.0	8,976.3	1,092.9	569,685.00	819,610.19	32° 33' 46.348 N	103° 25' 48.357 W	
19,800.0	90.00	359.57	10,421.0	9,076.3	1,092.2	569,784.99	819,609.44	32° 33' 47.337 N	103° 25' 48.356 W	
19,900.0	90.00	359.57	10,421.0	9,176.3	1,091.4	569,884.99	819,608.69	32° 33' 48.327 N	103° 25' 48.355 W	
20,000.0	90.00	359.57	10,421.0	9,276.3	1,090.7	569,984.99	819,607.95	32° 33' 49.316 N	103° 25' 48.354 W	
20,100.0	90.00	359.57	10,421.0	9,376.3	1,089.9	570,084.98	819,607.20	32° 33' 50.306 N	103° 25' 48.352 W	
20,200.0	90.00	359.57	10,421.0	9,476.3	1,089.2	570,184.98	819,606.45	32° 33' 51.295 N	103° 25' 48.351 W	
20,300.0	90.00	359.57	10,421.0	9,576.3	1,088.4	570,284.98	819,605.71	32° 33' 52.285 N	103° 25' 48.350 W	
20,400.0	90.00	359.57	10,421.0	9,676.3	1,087.7	570,384.97	819,604.96	32° 33' 53.274 N	103° 25' 48.349 W	
20,500.0	90.00	359.57	10,421.0	9,776.3	1,086.9	570,484.97	819,604.21	32° 33' 54.264 N	103° 25' 48.348 W	
20,600.0	90.00	359.57	10,421.0	9,876.3	1,086.2	570,584.97	819,603.47	32° 33' 55.253 N	103° 25' 48.346 W	
20,700.0	90.00	359.57	10,421.0	9,976.3	1,085.5	570,684.97	819,602.72	32° 33' 56.242 N	103° 25' 48.345 W	
20,767.3	90.00	359.57	10,421.0	10,043.6	1,085.0	570,752.28	819,602.22	32° 33' 56.909 N	103° 25' 48.344 W	

Microsoft
Planning Report - Geographic

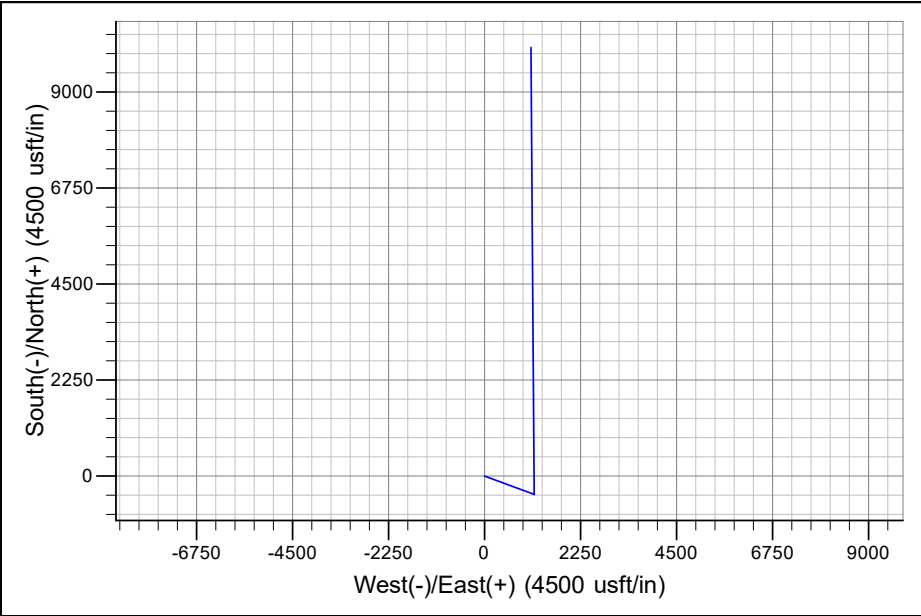
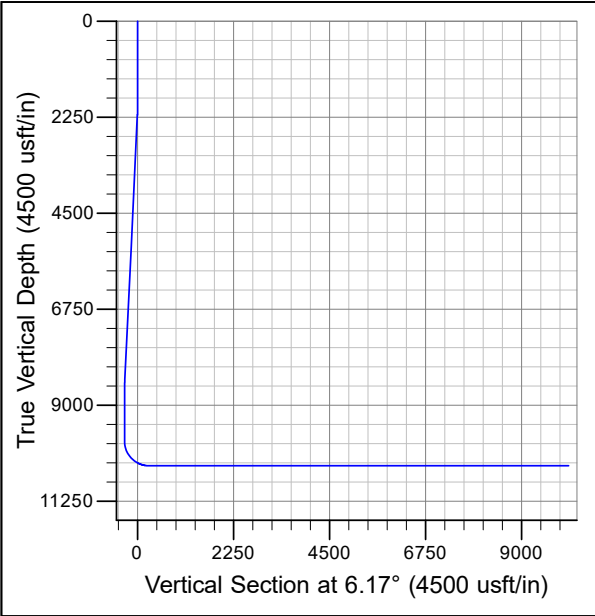
Database:	EDM5000_OLD	Local Co-ordinate Reference:	Well Lost Mine 22302 26-23 Fed Com #8H
Company:	BTA Oil Producers, LLC	TVD Reference:	GL @ 3681.0usft
Project:	Lea County, NM (NAD 83)	MD Reference:	GL @ 3681.0usft
Site:	Lost Mine 22302 26-23 Fed Com	North Reference:	Grid
Well:	Lost Mine 22302 26-23 Fed Com #8H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Design Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
Lost Mine #8H KOP	0.00	0.00	9,600.0	-430.6	1,163.2	560,278.10	819,680.43	32° 32' 13.267 N	103° 25' 48.469 W
- plan hits target center									
- Point									
Lost Mine #8 BHL	0.00	0.00	10,421.0	10,043.6	1,085.0	570,752.28	819,602.22	32° 33' 56.909 N	103° 25' 48.344 W
- plan hits target center									
- Point									

BTA Oil Producers, LLC



WELL DETAILS: Lost Mine 22302 26-23 Fed Com #8H						
				3681.0		
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0.0	0.0	560708.70	818517.27	32° 32' 17.625 N	103° 26' 2.013 W	





Azimuths to Grid North
True North: -0.48°
Magnetic North: 7.22°

Magnetic Field
Strength: 48996.6nT
Dip Angle: 60.56°
Date: 12/31/2009
Model: IGRF200510

PROJECT DETAILS: Lea County, NM (NAD 83)	
Geodetic System:	US State Plane 1983
Datum:	North American Datum 1983
Ellipsoid:	GRS 1980
Zone:	New Mexico Eastern Zone
System Datum:	Ground Level

SECTION DETAILS											
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target	Annotation
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0		
2	2000.0	0.00	0.00	2000.0	0.0	0.0	0.00	0.00	0.0		
3	2275.0	11.00	110.31	2273.3	-9.1	24.7	4.00	110.31	-6.4		
4	8499.4	11.00	110.31	8383.4	-421.5	1138.5	0.00	0.00	-296.8		
5	8774.4	0.00	0.00	8656.7	-430.6	1163.2	4.00	180.00	-303.2		
6	9717.7	0.00	0.00	9600.0	-430.6	1163.2	0.00	0.00	-303.2	Lost Mine #8H KOP	
7	9965.8	0.00	0.00	9848.0	-430.6	1163.2	0.00	0.00	-303.2		
8	10865.8	90.00	359.57	10421.0	142.3	1158.9	10.00	359.57	266.0		
9	20767.3	90.00	359.57	10421.0	10043.6	1085.0	0.00	0.00	10102.0	Lost Mine #8 BHL	

Released to Imaging: 8/20/2024 10:16:47 AM

Received by OCD: 7/2/2024 3:04:56 PM

District I
625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
311 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
220 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 PLAT

1 APT Number		2 Pool Code		3 Well Name Featherstone ; Bonespring	
4 Property Code		5 Property Name LOST MINE 22302 26-23 FED COM			6 Well Number 8H
7 OGRID No. 260297		8 Operator Name BTA OIL PRODUCERS, LLC			9 Elevation 3681'

10 Surface Location

UT or lot no. M	Section 26	Township 20S	Range 35E	Lot Idn	Feet from the 490'	North/South line SOUTH	Feet from the 820'	East/West line WEST	County LEA
--------------------	---------------	-----------------	--------------	---------	-----------------------	---------------------------	-----------------------	------------------------	---------------

11 Bottom Hole Location If Different From Surface

UT or lot no. C	Section 23	Township 20S	Range 35E	Lot Idn	Feet from the 50'	North/South line NORTH	Feet from the 1980'	East/West line WEST	County LEA
12 Dedicated Acres 640		13 Joint or Infill		14 Consolidation Code		15 Order No. NSP PENDING			

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.

BHL
FNL 50' FWL 1980', SECTION 23
NAD 83, SPCS NM EAST
X:819602.22' / Y:570752.28'
LAT:32.56580794 / LON:-103.43009568
NAD 27, SPCS NM EAST
X:778420.48' / Y:570689.86'
LAT:32.56568436 / LON:-103.42961093

LTP
FNL 100' FWL 1980', SECTION 23
NAD 83, SPCS NM EAST
X:819602.60' / Y:570702.28'
LAT:32.56567051 / LON:-103.43009584
NAD 27, SPCS NM EAST
X:778420.86' / Y:570639.86'
LAT:32.56554693 / LON:-103.42961108

PPP-3
FNL 1322' FWL 1980', SECTION 23
NAD 83, SPCS NM EAST
X:819611.72' / Y:569480.46'
LAT:32.56231223 / LON:-103.43009987
NAD 27, SPCS NM EAST
X:778429.94' / Y:569418.07'
LAT:32.56218862 / LON:-103.42961528

PPP-2
FSL 2642' FWL 1980', SECTION 23
NAD 83, SPCS NM EAST
X:819621.59' / Y:568158.65'
LAT:32.55867911 / LON:-103.43010424
NAD 27, SPCS NM EAST
X:778439.76' / Y:568096.29'
LAT:32.55855548 / LON:-103.42961981

FTP/PPP-1
FSL 100' FWL 1980', SECTION 26
NAD 83, SPCS NM EAST
X:819680.07' / Y:560328.10'
LAT:32.53715610 / LON:-103.43013001
NAD 27, SPCS NM EAST
X:778497.97' / Y:560265.93'
LAT:32.53703231 / LON:-103.42964654

KOP
FSL 50' FWL 1980', SECTION 26
NAD 83, SPCS NM EAST
X:819680.43' / Y:560278.10'
LAT:32.53701867 / LON:-103.43013022
NAD 27, SPCS NM EAST
X:778498.33' / Y:560215.93'
LAT:32.53689487 / LON:-103.42964676

SHL
FSL 490' FWL 820', SECTION 26
NAD 83, SPCS NM EAST
X:818517.27' / Y:560708.70'
LAT:32.53822919 / LON:-103.43389237
NAD 27, SPCS NM EAST
X:777335.22' / Y:560646.52'
LAT:32.53810542 / LON:-103.43340868

17 OPERATOR CERTIFICATION
I hereby certify that the information contained 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.
Signature: *Sammy Hajar* Date: 6/24/24
Printed Name: **Sammy Hajar**
E-mail Address: **Shajar@btaoil.com**

18 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.
Signature and Seal of Professional Surveyor: *Lloyd P. Short*
Date of Survey: **JUNE 13, 2024**

FEDERAL LEASE ID **LENGTH**
NMNM027205 1321.85'
NMNM016835 1221.85'
TOTAL 2543.70'

PRODUCTION LINE **BEARING/LENGTH**
1.1 N 00°25'40" W ~ 10374.47'

***FTP TO LTP LINE BEARINGS**
FTP/PPP-1 FSL 100' FWL 1980'
SHL FSL 490' FWL 820'

Legend:
● Drill Line Events ● Section Corners — Drill Line — Dimension Lines ■ Federal Leases ■ HSU ● HSU Corners

All bearings and coordinates refer to New Mexico State Plane coordinate system, East Zone, U.S. Survey Feet.
Distances/areas relative to NAD 83 grid measurements. Combined Scale Factor: 0.99981955 and a Convergence Angle: 0.50466944°

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 360632

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 360632
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	ALL PREVIOUS COA's APPLY	8/20/2024