

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 <i>Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.</i>		5. Lease Serial No. NMNM0077002
		6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2		7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		8. Well Name and No. BEL-AIR FED COM/114H
2. Name of Operator EARTHSTONE OPERATING LLC		9. API Well No. 3002550977
3a. Address 1400 WOODLOCH FOREST DRIVE SUITE 300,	3b. Phone No. (include area code) (281) 298-4240	10. Field and Pool or Exploratory Area CORBIN SOUTH BONE SPRING/1ST BONE SPRING
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) SEC 32/T18S/R33E/NMP		11. Country or Parish, State LEA/NM

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 recompleation 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.)

****SUNDRY NOTIFICATION TO REVISE WELL NUMBER, TVD, FTP, LTP, BHL****

WELL NUMBER
FROM: BEL AIR 5 8 FED COM 114H
TO: BEL AIR 5 8 FED COM 244H

TVD
FROM: 9106'
TO: 10021'

FTP
FROM: LOT 1-5-19S-33E; 100 FNL, 920 FEL
TO: LOT 1-5-19S-33E; 100 FNL 620 FEL

Continued on page 3 additional information

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) JENNIFER ELROD / Ph: (817) 953-3728	Title Senior Regulatory Technician
Signature (Electronic Submission)	Date 08/07/2023

THE SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by CHRISTOPHER WALLS / Ph: (575) 234-2234 / Approved	Title Petroleum Engineer	Date 09/19/2023
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 CARLSBAD	

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

LTP

FROM: P-8-19S-33E; 100 FSL 920 FEL

TO: P-8-19S-33E; 100 FSL, 620 FEL

BHL

FROM: P-8-19S-33E; 50 FSL, 920 FEL

TO: P-8-19S-33E; 50 FSL, 620 FEL

Location of Well

0. SHL: SWSE / 162 FSL / 1705 FEL / TWSP: 18S / RANGE: 33E / SECTION: 32 / LAT: 32.6970463 / LONG: -103.6819748 (TVD: 0 feet, MD: 0 feet)

PPP: LOT 1 / 100 FNL / 920 FEL / TWSP: 19S / RANGE: 33E / SECTION: 5 / LAT: 32.6964361 / LONG: -103.6795847 (TVD: 8902 feet, MD: 9279 feet)

PPP: NESE / 2579 FSL / 920 FEL / TWSP: 19S / RANGE: 33E / SECTION: 8 / LAT: 32.674634 / LONG: -103.679686 (TVD: 9057 feet, MD: 17200 feet)

BHL: SESE / 50 FSL / 920 FEL / TWSP: 19S / RANGE: 33E / SECTION: 8 / LAT: 32.667821 / LONG: -103.6796043 (TVD: 9106 feet, MD: 19751 feet)

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 NUMBER, FTP, LTP, BHL

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-50977	² Pool Code 13160	³ Pool Name CORBIN; BONE SPRING
⁴ Property Code 332054	⁵ Property Name BEL AIR FED COM	⁶ Well Number 244H
⁷ OGRID No. 331165	⁸ Operator Name EARTHSTONE OPERATING, LLC	⁹ Elevation 3724.8

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
O	32	18 S	33 E		162	SOUTH	1705	EAST	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
P	8	19 S	33 E		50	SOUTH	620	EAST	LEA

¹² Dedicated Acres 161.48	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

	BEL AIR FED COM 244H EL. = 3724.8'		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.	
	GEODETIC COORDINATES NAD 27 NMSP EAST SURFACE LOCATION N. = 617904.40 E. = 700480.76 LAT. = 32.6970243°N LONG. = 103.6816379°W		GEODETIC COORDINATES NAD 83 NMSP EAST SURFACE LOCATION N. = 617967.95 E. = 741660.06 LAT. = 32.6971460°N LONG. = 103.6821371°W	
	FIRST TAKE POINT 100' FNL, 620' FEL NAD 27 NMSP EAST N. = 617654.10 E. = 701567.47 LAT. = 32.6963180°N LONG. = 103.6781106°W		FIRST TAKE POINT 100' FNL, 620' FEL NAD 83 NMSP EAST N. = 617717.66 E. = 742746.79 LAT. = 32.6964397°N LONG. = 103.6786097°W	
	LAST TAKE POINT 100' FSL, 620' FEL NAD 27 NMSP EAST N. = 607242.59 E. = 701625.15 LAT. = 32.6676998°N LONG. = 103.6781321°W		LAST TAKE POINT 100' FSL, 620' FEL NAD 83 NMSP EAST N. = 607305.87 E. = 742804.75 LAT. = 32.6678216°N LONG. = 103.6786301°W	
BOTTOM OF HOLE 50' FSL, 620' FEL NAD 27 NMSP EAST N. = 607192.61 E. = 701625.42 LAT. = 32.6675624°N LONG. = 103.6781323°W		BOTTOM OF HOLE 50' FSL, 620' FEL NAD 83 NMSP EAST N. = 607255.88 E. = 742805.02 LAT. = 32.6676842°N LONG. = 103.6786302°W		Signature _____ Date 08/07/2023 JENNIFER ELROD Printed Name JELROD@EARTHSTONEENERGY.COM E-mail Address
PPP 2 2592' FSL, 621' FEL NAD 27 NMSP EAST N. = 609734.06 E. = 701611.35 LAT. = 32.6745481°N LONG. = 103.6781270°W		PPP 2 2592' FSL, 621' FEL NAD 83 NMSP EAST N. = 609797.40 E. = 742790.88 LAT. = 32.6746699°N LONG. = 103.6786252°W		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. AUGUST 1, 2023 Date of Survey Signature and Seal of Professional Surveyor: Certificate Number: 12797 SURVEY NO. 8599C
PPP 3 1271' FSL, 620' FEL NAD 27 NMSP EAST N. = 608413.35 E. = 701618.66 LAT. = 32.6709178°N LONG. = 103.6781297°W		PPP 3 1271' FSL, 620' FEL NAD 83 NMSP EAST N. = 608476.65 E. = 742798.24 LAT. = 32.6710396°N LONG. = 103.6786278°W		
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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
P	8	19 S	33 E		50	SOUTH	620	EAST	LEA

¹² Dedicated Acres 160.0	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

	BEL AIR FED COM 244H EL. = 3724.8'		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.	
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Well Name: BEL-AIR 5 8 FED COM	Well Location: T18S / R33E / SEC 32 / SWSE / 32.6970463 / -103.6819748	County or Parish/State: LEA / NM
Well Number: 244H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0077002	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002550977	Well Status: Drilling Well	Operator: EARTHSTONE OPERATING LLC

Notice of Intent

Sundry ID: 2744748

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 08/07/2023

Time Sundry Submitted: 11:23

Date proposed operation will begin: 08/07/2023

Procedure Description: **SUNDRY NOTIFICATION TO REVISE WELL NUMBER, TVD, FTP, LTP, BHL** WELL NUMBER FROM: BEL AIR 5 8 FED COM 114H TO: BEL AIR 5 8 FED COM 244H TVD FROM: 9106' TO: 10021' FTP FROM: LOT 1-5-19S-33E; 100 FNL, 920 FEL TO: LOT 1-5-19S-33E; 100 FNL 620 FEL LTP FROM: P-8-19S-33E; 100 FSL 920 FEL TO: P-8-19S-33E; 100 FSL, 620 FEL BHL FROM: P-8-19S-33E; 50 FSL, 920 FEL TO: P-8-19S-33E; 50 FSL, 620 FEL

NOI Attachments

Procedure Description

BEL_AIR_FED_COM_244H_blm_sundry_attachments_20230807112240.pdf

Well Name: BEL-AIR 5 8 FED COM	Well Location: T18S / R33E / SEC 32 / SWSE / 32.6970463 / -103.6819748	County or Parish/State: LEA / NM
Well Number: 244H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0077002	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002550977	Well Status: Drilling Well	Operator: EARTHSTONE OPERATING 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: JENNIFER ELROD	Signed on: AUG 07, 2023 11:22 AM
Name: EARTHSTONE OPERATING LLC	
Title: Senior Regulatory Technician	
Street Address: 1400 WOODLOCH FOREST DR STE 300	
City: THE WOODLANDS	State: TX
Phone: (817) 953-3728	
Email address: JELROD@EARTHSTONEENERGY.COM	

Field

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

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752342234	BLM POC Email Address: cwalls@blm.gov
Disposition: Approved	Disposition Date: 09/19/2023
Signature: Chris Walls	



Earthstone Operating, LLC

Lea County, NM (Nad 83 NME)

Bel Air Fed Com

Bel Air Fed Com 244H

OH

Plan 1 08-04-23

Anticollision Report

04 August, 2023





Phoenix Anticollision Report



Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well Bel Air Fed Com 244H
Project:	Lea County, NM (Nad 83 NME)	TVD Reference:	RKB @ 3752.30usft (Scandrell Star)
Reference Site:	Bel Air Fed Com	MD Reference:	RKB @ 3752.30usft (Scandrell Star)
Site Error:	0.00	North Reference:	Grid
Reference Well:	Bel Air Fed Com 244H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	USAEDMDB
Reference Design:	Plan 1 08-04-23	Offset TVD Reference:	Offset Datum

Reference	Plan 1 08-04-23		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD + Stations Interval 100.00usft	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Max. Cent. Dist. of 1,000.00usft or Max. SF of 4	Error Surface:	Pedal Curve
Warning Levels Evaluated at:	2.00 Sigma	Casing Method:	Not applied

Survey Tool Program	Date	8/04/23		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	20,754.27	Plan 1 08-04-23 (OH)	MWD+HRGM	OWSG MWD + HRGM

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centers (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Bel Air Fed Com Offsets						
Eland 32 18 33 RN State Com 124H - OH - Surveys	5,761.33	5,669.45	221.07	184.48	6.041 CC, ES	
Eland 32 18 33 RN State Com 124H - OH - Surveys	9,807.00	9,750.86	285.97	224.89	4.682 SF	
Jones Federal 002 - OH - Assumed Inc Only Surveys	5,000.00	4,795.00	435.68	317.55	3.688 ES, SF	
Jones Federal 002 - OH - Assumed Inc Only Surveys	5,011.13	4,795.00	435.54	317.90	3.702 CC	
Nellis C Federal Gas Com 1 - OH - Inc Only Surveys	17,500.00	9,891.13	37.01	-354.67	0.094 Level 1, ES, SF	
Nellis C Federal Gas Com 1 - OH - Inc Only Surveys	17,504.45	9,891.21	37.01	-353.37	0.095 Level 1, CC	
Nellis Federal 1 - OH - Assumed Inc Only Surveys					Out of range	
Bel-Air 5-8 Fed						
Bel-Air 5-8 Fed 1BS Com 3H - OH - Plan 2 09-02-22	1,876.70	1,877.80	33.48	22.73	3.115 CC, ES	
Bel-Air 5-8 Fed 1BS Com 3H - OH - Plan 2 09-02-22	1,900.00	1,900.79	33.75	22.91	3.114 SF	
Bel-Air 5-8 Fed 1BS Com 4H - OH - Plan 2 09-02-22	2,634.00	2,626.38	29.59	15.98	2.174 CC	
Bel-Air 5-8 Fed 1BS Com 4H - OH - Plan 2 09-02-22	2,700.00	2,692.03	30.34	15.95	2.108 ES, SF	
DeLorean 9-10 Fed Com						
DeLorean 9-10 Fed Com 1BS 1H - OH - Plan 1 12-06-22					Out of range	
DeLorean 9-10 Fed Com 1BS 2H - OH - Plan 1 12-06-22					Out of range	
DeLorean 9-10 Fed Com 1BS 3H - OH - Plan 1 12-06-22					Out of range	
DeLorean 9-10 Fed Com 1BS 4H - OH - Plan 1 12-06-22					Out of range	
DeLorean 9-10 Fed Com 2BS 5H - OH - Plan 1 12-06-22	16,242.50	9,669.40	753.14	640.55	6.689 CC, ES	
DeLorean 9-10 Fed Com 2BS 5H - OH - Plan 1 12-06-22	16,300.00	9,668.85	755.33	641.66	6.645 SF	
DeLorean 9-10 Fed Com 2BS 6H - OH - Plan 1 12-06-22	17,434.00	9,700.00	747.52	619.96	5.860 CC, ES	
DeLorean 9-10 Fed Com 2BS 6H - OH - Plan 1 12-06-22	17,500.00	9,700.00	750.36	620.76	5.790 SF	
DeLorean 9-10 Fed Com 2BS 7H - OH - Plan 1 12-06-22	18,817.92	9,720.50	749.04	602.63	5.116 CC, ES	
DeLorean 9-10 Fed Com 2BS 7H - OH - Plan 1 12-06-22	18,900.00	9,721.10	753.53	604.86	5.068 SF	
DeLorean 9-10 Fed Com 2BS 88H - OH - Plan 1 12-06-2	20,137.71	9,650.00	756.65	594.52	4.667 CC, ES	
DeLorean 9-10 Fed Com 2BS 88H - OH - Plan 1 12-06-2	20,200.00	9,650.00	759.21	595.75	4.645 SF	

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 199-MWD												Offset Well Error:	1.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Center		Distance			Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centers (usft)	Between Ellipses (usft)	Minimum Separation (usft)		
0.00	0.00	5.22	5.22	0.00	1.00	60.50	305.55	539.97	620.43				
100.00	100.00	105.61	105.61	0.82	1.45	60.49	305.57	539.92	620.39	618.12	2.27	273.354	

CC - Min center to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Phoenix Anticollision Report



Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well Bel Air Fed Com 244H
Project:	Lea County, NM (Nad 83 NME)	TVD Reference:	RKB @ 3752.30usft (Scandril Star)
Reference Site:	Bel Air Fed Com	MD Reference:	RKB @ 3752.30usft (Scandril Star)
Site Error:	0.00	North Reference:	Grid
Reference Well:	Bel Air Fed Com 244H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	USAEDMDB
Reference Design:	Plan 1 08-04-23	Offset TVD Reference:	Offset Datum

Offset Design Eland 32 18 33 RN State Com 124H - OH - Surveys												Offset Site Error:	0.00 usft
Survey Program: 199-MWD												Offset Well Error:	1.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Center		Distance			Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centers (usft)	Between Ellipses (usft)	Minimum Separation (usft)		
200.00	200.00	205.99	205.99	1.47	2.24	60.48	305.60	539.79	620.29	616.59	3.70	167.464	
300.00	300.00	306.21	306.21	1.91	2.70	60.46	305.78	539.52	620.15	615.55	4.60	134.897	
392.07	392.07	397.14	397.13	2.24	2.92	60.42	306.12	539.20	620.04	614.90	5.14	120.549	
400.00	400.00	404.48	404.48	2.27	2.94	60.41	306.14	539.20	620.05	614.85	5.20	119.286	
500.00	500.00	497.51	497.50	2.58	3.36	60.47	305.96	540.06	620.75	614.92	5.83	106.427	
600.00	600.00	593.21	593.16	2.86	3.54	60.69	304.64	542.53	622.32	616.02	6.30	98.763	
700.00	700.00	687.47	687.30	3.12	3.71	61.05	302.23	546.46	624.73	617.99	6.74	92.751	
800.00	800.00	782.23	781.88	3.36	3.88	61.52	299.29	551.62	628.02	620.86	7.16	87.769	
900.00	900.00	877.89	877.31	3.58	4.04	62.01	296.39	557.63	632.12	624.55	7.57	83.545	
1,000.00	1,000.00	975.01	974.16	3.80	4.22	62.51	293.58	564.13	636.71	628.72	7.99	79.683	
1,100.00	1,100.00	1,071.59	1,070.44	4.00	4.47	63.02	290.85	571.28	641.99	633.59	8.41	76.378	
1,200.00	1,200.00	1,175.59	1,174.15	4.20	4.77	63.53	288.14	578.56	647.09	638.25	8.84	73.194	
1,300.00	1,300.00	1,276.42	1,274.78	4.39	5.07	63.93	286.14	584.73	651.70	642.43	9.27	70.324	
1,400.00	1,400.00	1,375.89	1,374.07	4.57	5.37	64.23	285.13	590.53	656.50	646.80	9.70	67.658	
1,500.00	1,500.00	1,478.92	1,476.94	4.75	5.77	64.49	284.46	596.04	661.04	650.80	10.25	64.518	
1,600.00	1,600.00	1,583.00	1,580.92	4.92	6.27	64.68	284.22	600.72	665.01	654.11	10.89	61.038	
1,700.00	1,699.98	1,676.68	1,674.51	5.18	6.58	-9.09	284.20	604.82	667.24	655.81	11.43	58.380	
1,800.00	1,799.84	1,762.52	1,760.17	5.44	6.91	-8.90	283.52	610.40	667.64	655.70	11.94	55.894	
1,900.00	1,899.45	1,847.25	1,844.44	5.71	7.30	-8.51	281.18	618.82	666.91	654.40	12.51	53.325	
2,000.00	1,998.70	1,937.52	1,933.76	6.00	7.67	-7.84	276.35	630.84	664.80	651.71	13.09	50.786	
2,100.00	2,097.47	2,034.05	2,029.00	6.31	8.03	-7.01	269.76	645.14	660.17	646.47	13.70	48.172	
2,200.00	2,195.62	2,132.71	2,126.31	6.64	8.39	-6.17	263.02	659.96	652.44	638.08	14.36	45.429	
2,300.00	2,293.06	2,232.62	2,224.85	6.99	8.77	-5.33	256.16	674.96	641.37	626.32	15.06	42.594	
2,329.10	2,321.25	2,261.71	2,253.54	7.06	8.88	-5.08	254.12	679.30	637.49	622.27	15.23	41.868	
2,400.00	2,389.87	2,330.17	2,321.05	7.25	9.14	-4.47	249.31	689.58	627.79	612.13	15.66	40.084	
2,500.00	2,486.65	2,427.11	2,416.63	7.57	9.52	-3.57	242.63	704.35	614.50	598.15	16.34	37.600	
2,600.00	2,583.43	2,521.72	2,509.86	7.91	9.89	-2.66	236.27	719.13	601.78	584.73	17.05	35.303	
2,700.00	2,680.21	2,622.26	2,608.89	8.26	10.30	-1.65	229.55	735.16	589.55	571.74	17.81	33.108	
2,800.00	2,776.99	2,729.37	2,714.45	8.63	10.73	-0.46	221.54	751.44	576.58	557.97	18.61	30.979	
2,900.00	2,873.77	2,826.79	2,810.47	9.01	11.12	0.72	213.57	765.81	563.21	543.82	19.39	29.045	
3,000.00	2,970.54	2,934.73	2,916.97	9.40	11.57	2.09	204.66	780.99	549.44	529.21	20.22	27.167	
3,100.00	3,067.32	3,048.08	3,029.29	9.80	12.03	3.42	196.27	793.63	533.25	512.20	21.06	25.325	
3,200.00	3,164.10	3,150.83	3,131.42	10.21	12.42	4.53	189.95	802.96	515.56	493.73	21.83	23.615	
3,300.00	3,260.88	3,250.63	3,230.72	10.63	12.79	5.56	184.64	811.34	497.54	474.94	22.60	22.010	
3,400.00	3,357.66	3,351.45	3,331.11	11.05	13.16	6.63	179.72	819.27	479.25	455.87	23.38	20.495	
3,500.00	3,454.44	3,452.07	3,431.38	11.48	13.52	7.71	175.26	826.45	460.47	436.31	24.16	19.056	
3,600.00	3,551.22	3,547.31	3,526.29	11.91	13.87	8.80	171.16	833.12	441.74	416.79	24.96	17.701	
3,700.00	3,648.00	3,640.90	3,619.47	12.35	14.22	10.05	166.56	840.61	424.10	398.33	25.77	16.455	
3,800.00	3,744.77	3,739.93	3,718.00	12.79	14.60	11.53	161.41	849.10	407.23	380.63	26.61	15.306	
3,900.00	3,841.55	3,839.71	3,817.33	13.24	14.97	13.10	156.53	857.10	390.13	362.69	27.44	14.216	
4,000.00	3,938.33	3,933.91	3,911.09	13.69	15.33	14.75	151.71	864.87	373.54	345.25	28.29	13.202	
4,100.00	4,035.11	4,026.40	4,002.99	14.14	15.69	16.65	146.10	873.71	358.62	329.45	29.16	12.297	
4,200.00	4,131.89	4,124.80	4,100.65	14.59	16.09	18.89	139.78	883.92	345.00	314.96	30.04	11.484	
4,300.00	4,228.67	4,225.48	4,200.64	15.05	16.49	21.33	133.52	893.88	331.44	300.54	30.91	10.724	
4,400.00	4,325.45	4,325.03	4,299.58	15.51	16.88	23.92	127.57	903.11	317.88	286.13	31.75	10.012	
4,500.00	4,422.23	4,424.18	4,398.17	15.97	17.26	26.68	121.91	911.94	304.60	272.03	32.57	9.353	

CC - Min center to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Phoenix Anticollision Report



Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well Bel Air Fed Com 244H
Project:	Lea County, NM (Nad 83 NME)	TVD Reference:	RKB @ 3752.30usft (Scandril Star)
Reference Site:	Bel Air Fed Com	MD Reference:	RKB @ 3752.30usft (Scandril Star)
Site Error:	0.00	North Reference:	Grid
Reference Well:	Bel Air Fed Com 244H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	USAEDMDB
Reference Design:	Plan 1 08-04-23	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 199-MWD												Offset Well Error:	1.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Center		Distance			Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centers (usft)	Between Ellipses (usft)	Minimum Separation (usft)		
4,600.00	4,519.01	4,523.22	4,496.70	16.44	17.65	29.68	116.41	920.32	291.60	258.25	33.35	8.744	CC, ES
4,700.00	4,615.78	4,619.16	4,592.14	16.90	18.02	32.76	111.34	928.69	279.64	245.54	34.10	8.201	
4,800.00	4,712.56	4,714.80	4,687.19	17.37	18.40	35.97	106.49	938.17	269.63	234.83	34.80	7.748	
4,900.00	4,809.34	4,813.89	4,785.66	17.84	18.80	39.48	101.60	948.16	260.70	225.26	35.44	7.356	
5,000.00	4,906.12	4,913.10	4,884.27	18.31	19.19	43.24	96.79	957.92	252.57	216.57	35.99	7.017	
5,100.00	5,002.90	5,012.73	4,983.36	18.78	19.59	47.27	92.14	967.15	245.01	208.57	36.44	6.723	
5,200.00	5,099.68	5,111.67	5,081.81	19.26	19.97	51.56	87.56	975.85	238.34	201.56	36.78	6.481	
5,300.00	5,196.46	5,210.31	5,179.99	19.73	20.36	56.10	82.99	984.15	232.80	195.81	36.99	6.294	
5,400.00	5,293.24	5,308.92	5,278.17	20.21	20.74	60.86	78.50	992.22	228.62	191.54	37.08	6.166	
5,500.00	5,390.02	5,408.57	5,377.42	20.68	21.12	65.83	74.20	1,000.02	225.70	188.65	37.05	6.092	
5,600.00	5,486.79	5,509.52	5,478.03	21.16	21.50	70.90	70.88	1,007.50	223.46	186.53	36.94	6.050	CC, ES
5,700.00	5,583.57	5,609.99	5,578.26	21.64	21.87	76.03	68.68	1,014.21	221.67	184.93	36.74	6.034	
5,761.33	5,642.93	5,669.45	5,637.59	21.93	22.09	79.08	67.72	1,018.03	221.07	184.48	36.60	6.041	
5,800.00	5,680.35	5,704.14	5,672.17	22.12	22.23	80.81	66.89	1,020.63	221.48	184.95	36.53	6.064	
5,900.00	5,777.13	5,797.83	5,765.36	22.60	22.61	85.11	63.25	1,029.55	225.73	189.34	36.39	6.203	
6,000.00	5,873.91	5,896.41	5,863.32	23.08	23.01	89.26	59.06	1,039.83	231.98	195.62	36.36	6.380	
6,075.52	5,947.00	5,971.89	5,938.37	23.44	23.31	92.38	56.02	1,047.25	237.22	200.86	36.36	6.525	
6,100.00	5,970.71	5,996.49	5,962.84	23.55	23.41	93.40	55.10	1,049.55	238.96	202.60	36.36	6.572	
6,200.00	6,068.11	6,091.88	6,057.70	24.04	23.81	96.68	51.40	1,058.87	246.73	210.25	36.48	6.764	
6,300.00	6,166.24	6,187.48	6,152.42	24.52	24.21	98.54	46.24	1,070.69	256.46	219.68	36.78	6.973	
6,400.00	6,264.98	6,286.29	6,250.21	24.97	24.63	99.50	40.19	1,083.48	266.61	229.40	37.22	7.164	CC, ES
6,500.00	6,364.21	6,387.29	6,350.29	25.41	25.06	99.85	34.12	1,095.73	276.01	238.30	37.71	7.319	
6,600.00	6,463.81	6,488.81	6,450.99	25.81	25.48	99.57	28.61	1,107.40	284.17	245.93	38.24	7.432	
6,700.00	6,563.65	6,589.18	6,550.62	26.17	25.89	98.72	23.59	1,118.37	291.33	252.55	38.78	7.512	
6,800.00	6,663.63	6,689.57	6,650.37	26.35	26.30	97.38	18.71	1,128.58	297.84	258.46	39.39	7.562	
6,804.62	6,668.25	6,694.25	6,655.03	26.36	26.32	171.22	18.48	1,129.04	298.13	258.72	39.42	7.564	
6,900.00	6,763.63	6,791.13	6,751.39	26.39	26.70	169.65	14.17	1,138.09	303.82	263.84	39.98	7.599	
7,000.00	6,863.63	6,890.45	6,850.24	26.42	27.10	168.18	10.27	1,146.88	309.39	268.83	40.56	7.628	
7,100.00	6,963.63	6,982.85	6,942.09	26.46	27.47	166.83	5.20	1,155.52	316.79	275.67	41.13	7.703	
7,200.00	7,063.63	7,081.43	7,039.98	26.50	27.87	165.43	-1.29	1,165.20	325.57	283.79	41.77	7.794	
7,300.00	7,163.63	7,183.83	7,141.74	26.53	28.28	164.14	-7.76	1,174.62	334.10	291.67	42.43	7.875	CC, ES
7,400.00	7,263.63	7,286.93	7,244.33	26.57	28.68	163.02	-13.41	1,183.14	341.70	298.66	43.05	7.938	
7,500.00	7,363.63	7,389.16	7,346.14	26.61	29.07	162.00	-18.20	1,191.06	348.52	304.88	43.63	7.988	
7,600.00	7,463.63	7,491.72	7,448.35	26.64	29.46	161.09	-22.43	1,198.37	354.70	310.51	44.19	8.027	
7,700.00	7,563.63	7,594.48	7,550.85	26.68	29.84	160.29	-26.00	1,204.86	360.07	315.36	44.71	8.053	
7,800.00	7,663.63	7,686.21	7,642.30	26.72	30.20	159.57	-29.36	1,210.99	365.85	320.61	45.24	8.087	
7,900.00	7,763.63	7,780.94	7,736.51	26.75	30.58	158.62	-34.45	1,219.45	374.05	328.21	45.84	8.160	
8,000.00	7,863.63	7,886.83	7,841.80	26.79	31.00	157.51	-39.69	1,229.43	382.20	335.70	46.50	8.219	
8,100.00	7,963.63	7,991.90	7,946.45	26.83	31.41	156.52	-43.24	1,238.15	388.56	341.45	47.10	8.249	
8,200.00	8,063.63	8,093.55	8,047.77	26.87	31.79	155.66	-46.02	1,245.79	394.12	346.46	47.66	8.270	
8,300.00	8,163.63	8,196.01	8,149.97	26.91	32.16	154.93	-48.57	1,252.52	399.13	350.95	48.17	8.285	CC, ES
8,400.00	8,263.63	8,294.57	8,248.34	26.94	32.53	154.30	-50.81	1,258.48	403.78	355.10	48.68	8.295	
8,500.00	8,363.63	8,386.00	8,339.44	26.98	32.89	153.60	-53.86	1,265.47	410.12	360.88	49.24	8.329	
8,600.00	8,463.63	8,481.35	8,434.30	27.02	33.27	152.78	-57.95	1,274.20	418.08	368.23	49.85	8.387	
8,700.00	8,563.63	8,586.13	8,538.57	27.06	33.68	151.89	-61.99	1,283.68	425.72	375.25	50.47	8.435	

CC - Min center to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Phoenix Anticollision Report



Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well Bel Air Fed Com 244H
Project:	Lea County, NM (Nad 83 NME)	TVD Reference:	RKB @ 3752.30usft (Scandril Star)
Reference Site:	Bel Air Fed Com	MD Reference:	RKB @ 3752.30usft (Scandril Star)
Site Error:	0.00	North Reference:	Grid
Reference Well:	Bel Air Fed Com 244H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	USAEDMDB
Reference Design:	Plan 1 08-04-23	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 199-MWD												Offset Well Error:	1.00 usft
Reference		Offset		Semi Major Axis			Offset Wellbore Center		Distance			Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centers (usft)	Between Ellipses (usft)	Minimum Separation (usft)		
8,800.00	8,663.63	8,688.19	8,640.22	27.10	34.08	151.08	-65.28	1,292.31	432.60	381.54	51.06	8.472	
8,900.00	8,763.63	8,791.47	8,743.13	27.14	34.47	150.34	-68.16	1,300.39	438.87	387.25	51.62	8.502	
9,000.00	8,863.63	8,894.97	8,846.37	27.18	34.85	149.71	-70.58	1,307.37	444.27	392.13	52.14	8.521	
9,100.00	8,963.63	9,008.60	8,959.82	27.22	35.22	149.14	-72.31	1,313.54	448.41	395.89	52.53	8.537	
9,200.00	9,063.63	9,117.80	9,068.96	27.26	35.46	148.72	-71.15	1,316.75	448.99	396.25	52.74	8.514	
9,300.00	9,163.63	9,261.62	9,212.19	27.30	35.63	147.41	-61.05	1,322.41	445.53	392.96	52.57	8.475	
9,400.00	9,263.63	9,401.88	9,347.16	27.34	35.64	143.19	-26.83	1,337.59	431.08	378.28	52.80	8.164	
9,400.80	9,264.43	9,402.93	9,348.14	27.34	35.64	143.15	-26.50	1,337.74	430.94	378.13	52.81	8.160	
9,450.00	9,313.57	9,493.32	9,430.05	27.32	35.65	-42.34	8.77	1,351.85	418.75	365.85	52.89	7.917	
9,500.00	9,363.14	9,593.12	9,513.30	27.27	35.63	-52.36	62.33	1,363.23	396.96	344.21	52.75	7.525	
9,550.00	9,411.95	9,650.96	9,559.24	27.22	35.59	-61.26	97.35	1,366.02	371.84	318.45	53.38	6.966	
9,600.00	9,459.64	9,687.82	9,587.56	27.16	35.56	-69.16	120.89	1,367.41	346.80	292.07	54.73	6.336	
9,650.00	9,505.85	9,716.46	9,608.79	27.10	35.54	-76.47	140.07	1,368.46	323.61	267.20	56.41	5.737	
9,700.00	9,550.22	9,735.10	9,622.04	27.05	35.53	-81.98	153.16	1,369.25	304.45	246.15	58.30	5.222	
9,750.00	9,592.41	9,745.72	9,629.38	27.00	35.53	-85.40	160.83	1,369.75	291.41	231.42	60.00	4.857	
9,800.00	9,632.11	9,750.56	9,632.68	26.96	35.53	-86.91	164.36	1,369.98	286.05	225.04	61.01	4.689	
9,807.00	9,637.45	9,750.86	9,632.89	26.96	35.53	-86.97	164.58	1,369.99	285.97	224.89	61.08	4.682	SF
9,850.00	9,669.01	9,750.91	9,632.92	26.94	35.53	-86.67	164.61	1,370.00	289.08	228.02	61.06	4.735	
9,900.00	9,702.83	9,747.57	9,630.64	26.93	35.53	-84.86	162.17	1,369.83	300.25	240.08	60.17	4.990	
9,950.00	9,733.31	9,742.00	9,626.83	26.93	35.53	-81.81	158.12	1,369.57	318.50	259.89	58.61	5.434	
10,000.00	9,760.23	9,732.98	9,620.56	26.96	35.53	-77.41	151.65	1,369.16	342.37	285.58	56.79	6.028	
10,050.00	9,783.37	9,722.99	9,613.49	27.02	35.54	-72.33	144.61	1,368.73	370.40	315.44	54.96	6.740	
10,100.00	9,802.56	9,711.58	9,605.25	27.10	35.55	-66.74	136.72	1,368.27	401.28	347.99	53.29	7.530	
10,150.00	9,817.66	9,695.00	9,592.97	27.20	35.55	-60.41	125.60	1,367.66	433.98	382.08	51.90	8.362	
10,200.00	9,828.55	9,682.36	9,583.42	27.34	35.56	-54.95	117.33	1,367.21	467.54	416.83	50.71	9.220	
10,250.00	9,835.14	9,662.99	9,568.58	27.50	35.58	-49.22	104.91	1,366.49	501.20	451.39	49.81	10.063	
10,290.70	9,837.30	9,648.00	9,556.92	27.66	35.59	-45.17	95.51	1,365.90	528.27	479.07	49.20	10.736	
10,300.00	9,837.46	9,641.43	9,551.77	27.69	35.60	-44.61	91.44	1,365.63	534.42	485.32	49.10	10.884	
10,400.00	9,839.23	9,594.49	9,514.49	28.14	35.63	-40.82	63.01	1,363.49	603.07	554.97	48.10	12.537	
10,500.00	9,840.99	9,554.00	9,481.48	28.65	35.65	-37.71	39.79	1,360.23	675.67	628.24	47.42	14.248	
10,600.00	9,842.75	9,521.72	9,454.45	29.21	35.65	-35.27	22.61	1,356.25	751.97	705.00	46.97	16.009	
10,700.00	9,844.52	9,507.00	9,441.88	29.83	35.65	-34.17	15.28	1,354.04	831.83	785.09	46.74	17.798	
10,800.00	9,846.28	9,476.00	9,414.86	30.49	35.65	-31.93	0.95	1,349.00	914.46	867.84	46.62	19.614	
10,900.00	9,848.04	9,464.93	9,405.02	31.19	35.65	-31.15	-3.79	1,347.17	999.60	952.99	46.61	21.444	

CC - Min center to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Phoenix Anticollision Report



Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well Bel Air Fed Com 244H
Project:	Lea County, NM (Nad 83 NME)	TVD Reference:	RKB @ 3752.30usft (Scandril Star)
Reference Site:	Bel Air Fed Com	MD Reference:	RKB @ 3752.30usft (Scandril Star)
Site Error:	0.00	North Reference:	Grid
Reference Well:	Bel Air Fed Com 244H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	USAEDMDB
Reference Design:	Plan 1 08-04-23	Offset TVD Reference:	Offset Datum

Offset Design Jones Federal 002 - OH - Assumed Inc Only Surveys												Offset Site Error:	0.00 usft
Survey Program: 100-INC-ONLY												Offset Well Error:	1.00 usft
Reference		Offset		Semi Major Axis			Offset Wellbore Center		Distance			Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centers (usft)	Between Ellipses (usft)	Minimum Separation (usft)		
2,700.00	2,680.21	2,655.75	2,655.37	8.26	56.62	-12.25	509.47	1,041.25	976.89	912.05	64.84	15.066	
2,800.00	2,776.99	2,752.27	2,751.86	8.63	58.67	-12.57	509.47	1,041.25	952.26	885.01	67.26	14.159	
2,900.00	2,873.77	2,848.88	2,848.47	9.01	60.73	-12.90	509.25	1,041.25	927.56	857.88	69.69	13.311	
3,000.00	2,970.54	2,945.68	2,945.24	9.40	62.79	-13.26	509.25	1,041.25	903.00	830.87	72.13	12.519	
3,100.00	3,067.32	3,042.47	3,042.02	9.80	64.85	-13.63	509.25	1,041.25	878.47	803.89	74.58	11.778	
3,200.00	3,164.10	3,139.26	3,138.80	10.21	66.91	-14.03	509.25	1,041.25	853.98	776.94	77.04	11.084	
3,300.00	3,260.88	3,236.06	3,235.58	10.63	68.97	-14.45	509.25	1,041.25	829.53	750.02	79.51	10.433	
3,400.00	3,357.66	3,332.85	3,332.36	11.05	71.03	-14.90	509.25	1,041.25	805.13	723.14	81.98	9.821	
3,500.00	3,454.44	3,429.65	3,429.14	11.48	73.09	-15.37	509.25	1,041.25	780.77	696.31	84.46	9.244	
3,600.00	3,551.22	3,526.44	3,525.92	11.91	75.15	-15.87	509.25	1,041.25	756.47	669.53	86.94	8.701	
3,700.00	3,648.00	3,623.23	3,622.70	12.35	77.21	-16.41	509.25	1,041.25	732.22	642.80	89.42	8.188	
3,800.00	3,744.77	3,720.03	3,719.47	12.79	79.27	-16.99	509.25	1,041.25	708.05	616.14	91.91	7.704	
3,900.00	3,841.55	3,816.82	3,816.25	13.24	81.33	-17.60	509.25	1,041.25	683.94	589.54	94.40	7.245	
4,000.00	3,938.33	3,913.62	3,913.03	13.69	83.39	-18.26	509.25	1,041.25	659.91	563.03	96.88	6.811	
4,100.00	4,035.11	4,010.41	4,009.81	14.14	85.45	-18.97	509.25	1,041.25	635.98	536.60	99.37	6.400	
4,200.00	4,131.89	4,107.20	4,106.59	14.59	87.51	-19.73	509.25	1,041.25	612.14	510.28	101.86	6.010	
4,300.00	4,228.67	4,204.00	4,203.37	15.05	89.57	-20.56	509.25	1,041.25	588.41	484.07	104.35	5.639	
4,400.00	4,325.45	4,300.79	4,300.15	15.51	91.63	-21.45	509.25	1,041.25	564.81	457.98	106.83	5.287	
4,500.00	4,422.23	4,400.51	4,399.86	15.97	93.75	-22.45	509.25	1,041.25	541.36	432.00	109.36	4.950	
4,600.00	4,519.01	4,497.05	4,496.38	16.44	95.80	-23.51	509.28	1,041.25	518.08	406.25	111.83	4.633	
4,700.00	4,615.78	4,593.59	4,592.91	16.90	97.86	-24.66	509.31	1,041.25	494.98	380.69	114.29	4.331	
4,800.00	4,712.56	4,690.14	4,689.45	17.37	99.91	-25.93	509.33	1,041.25	472.09	355.35	116.75	4.044	
4,900.00	4,809.34	4,784.75	4,784.04	17.84	101.92	-27.29	509.25	1,041.25	449.38	330.21	119.17	3.771	
5,000.00	4,906.12	4,795.00	4,794.28	18.31	102.14	-27.44	509.25	1,041.25	435.68	317.55	118.13	3.688	ES, SF
5,011.13	4,916.89	4,795.00	4,794.28	18.36	102.14	-27.44	509.25	1,041.25	435.54	317.90	117.64	3.702	CC
5,100.00	5,002.90	4,795.00	4,794.28	18.78	102.14	-27.44	509.25	1,041.25	444.52	333.22	111.29	3.994	
5,200.00	5,099.68	4,795.00	4,794.28	19.26	102.14	-27.44	509.25	1,041.25	474.73	374.36	100.36	4.730	
5,300.00	5,196.46	4,795.00	4,794.28	19.73	102.14	-27.44	509.25	1,041.25	522.63	434.59	88.04	5.936	
5,400.00	5,293.24	4,795.00	4,794.28	20.21	102.14	-27.44	509.25	1,041.25	583.88	507.50	76.38	7.645	
5,500.00	5,390.02	4,795.00	4,794.28	20.68	102.14	-27.44	509.25	1,041.25	654.74	588.44	66.30	9.875	
5,600.00	5,486.79	4,795.00	4,794.28	21.16	102.14	-27.44	509.25	1,041.25	732.44	674.43	58.00	12.628	
5,700.00	5,583.57	4,795.00	4,794.28	21.64	102.14	-27.44	509.25	1,041.25	815.01	763.67	51.34	15.876	
5,800.00	5,680.35	4,795.00	4,794.28	22.12	102.14	-27.44	509.25	1,041.25	901.12	855.06	46.06	19.565	
5,900.00	5,777.13	4,795.00	4,794.28	22.60	102.14	-27.44	509.25	1,041.25	989.84	947.92	41.92	23.612	

CC - Min center to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Phoenix

Anticollision Report



Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well Bel Air Fed Com 244H
Project:	Lea County, NM (Nad 83 NME)	TVD Reference:	RKB @ 3752.30usft (Scandril Star)
Reference Site:	Bel Air Fed Com	MD Reference:	RKB @ 3752.30usft (Scandril Star)
Site Error:	0.00	North Reference:	Grid
Reference Well:	Bel Air Fed Com 244H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	USAEDMDB
Reference Design:	Plan 1 08-04-23	Offset TVD Reference:	Offset Datum

Offset Design		Nellis C Federal Gas Com 1 - OH - Inc Only Surveys										Offset Site Error:		0.00 usft
Survey Program:		727-INC-ONLY										Offset Well Error:		1.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Center		Distance		Minimum Separation (usft)	Separation Factor	Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centers (usft)	Between Ellipses (usft)				
16,300.00	9,943.26	9,869.97	9,868.86	96.35	278.28	60.16	-7,460.80	1,089.92	1,202.62	898.04	304.58	3.948		
16,400.00	9,945.02	9,871.73	9,870.62	97.73	278.32	62.25	-7,460.80	1,089.92	1,102.68	797.81	304.87	3.617		
16,500.00	9,946.79	9,873.49	9,872.39	99.12	278.35	64.44	-7,460.80	1,089.92	1,002.76	697.55	305.21	3.286		
16,600.00	9,948.55	9,875.26	9,874.15	100.50	278.39	66.70	-7,460.80	1,089.92	902.85	597.26	305.59	2.954		
16,700.00	9,950.31	9,877.02	9,875.91	101.89	278.43	69.05	-7,460.80	1,089.92	802.96	496.92	306.04	2.624		
16,800.00	9,952.08	9,878.78	9,877.68	103.28	278.47	71.47	-7,460.80	1,089.92	703.10	396.51	306.59	2.293		
16,900.00	9,953.84	9,880.55	9,879.44	104.67	278.50	73.97	-7,460.80	1,089.92	603.27	295.98	307.29	1.963		
17,000.00	9,955.60	9,882.31	9,881.20	106.07	278.54	76.52	-7,460.80	1,089.92	503.51	195.26	308.26	1.633		
17,100.00	9,957.37	9,884.07	9,882.97	107.46	278.58	79.13	-7,460.80	1,089.92	403.87	94.18	309.68	1.304	Level 3	
17,200.00	9,959.13	9,885.84	9,884.73	108.86	278.62	81.79	-7,460.80	1,089.92	304.44	-7.65	312.09	0.975	Level 1	
17,300.00	9,960.89	9,887.60	9,886.49	110.26	278.65	84.49	-7,460.80	1,089.92	205.55	-111.50	317.05	0.648	Level 1	
17,400.00	9,962.66	9,889.36	9,888.26	111.65	278.69	87.21	-7,460.80	1,089.92	108.69	-223.15	331.84	0.328	Level 1	
17,500.00	9,964.42	9,891.13	9,890.02	113.06	278.73	89.94	-7,460.80	1,089.92	37.01	-354.67	391.68	0.094	Level 1 , ES, SI	
17,504.45	9,964.50	9,891.21	9,890.10	113.12	278.73	90.06	-7,460.80	1,089.92	37.01	-353.37	390.38	0.095	Level 1 , CC	
17,600.00	9,966.18	9,892.89	9,891.78	114.46	278.77	92.67	-7,460.80	1,089.92	104.50	-211.22	315.72	0.331	Level 1	
17,700.00	9,967.95	9,894.65	9,893.55	115.86	278.80	95.39	-7,460.80	1,089.92	201.16	-103.00	304.16	0.661	Level 1	
17,800.00	9,969.71	9,896.42	9,895.31	117.26	278.84	98.09	-7,460.80	1,089.92	300.00	-2.68	302.68	0.991	Level 1	
17,900.00	9,971.47	9,898.18	9,897.07	118.67	278.88	100.75	-7,460.80	1,089.92	399.42	96.70	302.72	1.319	Level 3	
18,000.00	9,973.24	9,899.94	9,898.84	120.07	278.92	103.36	-7,460.80	1,089.92	499.06	196.02	303.04	1.647		
18,100.00	9,975.00	9,901.71	9,900.60	121.48	278.95	105.92	-7,460.80	1,089.92	598.81	295.41	303.40	1.974		
18,200.00	9,976.76	9,903.47	9,902.36	122.89	278.99	108.42	-7,460.80	1,089.92	698.63	394.89	303.75	2.300		
18,300.00	9,978.53	9,905.23	9,904.13	124.30	279.03	110.84	-7,460.80	1,089.92	798.50	494.42	304.07	2.626		
18,400.00	9,980.29	9,907.00	9,905.89	125.71	279.07	113.19	-7,460.80	1,089.92	898.39	594.01	304.38	2.952		
18,500.00	9,982.05	9,908.76	9,907.65	127.12	279.10	115.46	-7,460.80	1,089.92	998.29	693.63	304.66	3.277		
18,600.00	9,983.81	9,910.52	9,909.41	128.53	279.14	117.65	-7,460.80	1,089.92	1,098.22	793.29	304.92	3.602		
18,700.00	9,985.58	9,912.29	9,911.18	129.94	279.18	119.75	-7,460.80	1,089.92	1,198.15	892.97	305.18	3.926		

CC - Min center to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Phoenix Anticollision Report



Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well Bel Air Fed Com 244H
Project:	Lea County, NM (Nad 83 NME)	TVD Reference:	RKB @ 3752.30usft (Scandril Star)
Reference Site:	Bel Air Fed Com	MD Reference:	RKB @ 3752.30usft (Scandril Star)
Site Error:	0.00	North Reference:	Grid
Reference Well:	Bel Air Fed Com 244H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	USAEDMDB
Reference Design:	Plan 1 08-04-23	Offset TVD Reference:	Offset Datum

Offset Design Bel-Air 5-8 Fed 1BS Com 3H - OH - Plan 2 09-02-22												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+HRGM												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Offset Wellbore Center		Distance			Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centers (usft)	Between Ellipses (usft)	Minimum Separation (usft)		
0.00	0.00	0.00	0.00	0.00	0.00	151.11	-36.37	20.07	41.54				
100.00	100.00	99.80	99.80	0.82	0.49	151.11	-36.37	20.07	41.54	40.22	1.32	31.510	
200.00	200.00	199.80	199.80	1.47	1.31	151.11	-36.37	20.07	41.54	38.76	2.78	14.967	
300.00	300.00	299.80	299.80	1.91	1.79	151.11	-36.37	20.07	41.54	37.84	3.70	11.241	
400.00	400.00	399.80	399.80	2.27	2.17	151.11	-36.37	20.07	41.54	37.11	4.43	9.370	
500.00	500.00	499.80	499.80	2.58	2.49	151.11	-36.37	20.07	41.54	36.47	5.07	8.193	
600.00	600.00	599.80	599.80	2.86	2.78	151.11	-36.37	20.07	41.54	35.90	5.64	7.365	
700.00	700.00	699.80	699.80	3.12	3.04	151.11	-36.37	20.07	41.54	35.38	6.16	6.742	
800.00	800.00	799.80	799.80	3.36	3.29	151.11	-36.37	20.07	41.54	34.89	6.65	6.250	
900.00	900.00	899.80	899.80	3.58	3.52	151.11	-36.37	20.07	41.54	34.44	7.10	5.849	
1,000.00	1,000.00	999.80	999.80	3.80	3.73	151.11	-36.37	20.07	41.54	34.01	7.53	5.514	
1,100.00	1,100.00	1,099.80	1,099.80	4.00	3.94	151.11	-36.37	20.07	41.54	33.60	7.94	5.229	
1,200.00	1,200.00	1,199.80	1,199.80	4.20	4.14	151.11	-36.37	20.07	41.54	33.20	8.34	4.982	
1,300.00	1,300.00	1,299.80	1,299.80	4.39	4.33	151.11	-36.37	20.07	41.54	32.82	8.72	4.765	
1,400.00	1,400.00	1,399.80	1,399.80	4.57	4.51	151.11	-36.37	20.07	41.54	32.46	9.08	4.572	
1,500.00	1,500.00	1,499.80	1,499.80	4.75	4.69	151.11	-36.37	20.07	41.54	32.10	9.44	4.400	
1,600.00	1,600.00	1,599.80	1,599.80	4.92	4.87	151.11	-36.37	20.07	41.54	31.76	9.79	4.245	
1,700.00	1,699.98	1,700.96	1,700.94	5.18	5.13	81.02	-35.46	18.54	39.72	29.54	10.18	3.902	
1,800.00	1,799.84	1,801.50	1,801.33	5.44	5.40	94.41	-32.74	13.99	35.47	24.96	10.51	3.375	
1,876.70	1,876.27	1,877.80	1,877.36	5.65	5.61	113.60	-29.47	8.51	33.48	22.73	10.75	3.115	CC, ES
1,900.00	1,899.45	1,900.79	1,900.24	5.71	5.68	120.80	-28.29	6.52	33.75	22.91	10.84	3.114	SF
2,000.00	1,998.70	1,998.27	1,996.99	6.00	5.97	151.21	-22.21	-3.67	42.73	31.31	11.42	3.741	
2,100.00	2,097.47	2,093.95	2,091.56	6.31	6.14	170.96	-14.78	-16.12	64.11	52.09	12.02	5.333	
2,200.00	2,195.62	2,188.86	2,185.30	6.64	6.38	-179.28	-7.17	-28.88	92.89	80.27	12.62	7.358	
2,300.00	2,293.06	2,282.69	2,277.98	6.99	6.64	-174.25	0.35	-41.48	126.30	113.08	13.22	9.556	
2,329.10	2,321.25	2,309.77	2,304.72	7.06	6.72	-173.27	2.52	-45.12	136.73	123.38	13.35	10.239	
2,400.00	2,389.87	2,375.64	2,369.78	7.25	6.91	-171.47	7.80	-53.97	162.61	148.90	13.72	11.857	
2,500.00	2,486.65	2,468.53	2,461.53	7.57	7.20	-169.72	15.25	-66.45	199.28	185.00	14.27	13.960	
2,600.00	2,583.43	2,561.43	2,553.28	7.91	7.49	-168.52	22.69	-78.93	236.05	221.19	14.86	15.885	
2,700.00	2,680.21	2,654.33	2,645.04	8.26	7.80	-167.64	30.14	-91.41	272.89	257.42	15.47	17.643	
2,800.00	2,776.99	2,747.22	2,736.79	8.63	8.12	-166.97	37.58	-103.89	309.77	293.68	16.10	19.246	
2,900.00	2,873.77	2,840.12	2,828.54	9.01	8.44	-166.44	45.03	-116.37	346.68	329.94	16.74	20.707	
3,000.00	2,970.54	2,933.02	2,920.30	9.40	8.78	-166.02	52.48	-128.85	383.61	366.21	17.41	22.039	
3,100.00	3,067.32	3,025.91	3,012.05	9.80	9.12	-165.67	59.92	-141.34	420.56	402.47	18.08	23.255	
3,200.00	3,164.10	3,118.81	3,103.80	10.21	9.46	-165.37	67.37	-153.82	457.52	438.74	18.78	24.366	
3,300.00	3,260.88	3,211.71	3,195.55	10.63	9.81	-165.12	74.81	-166.30	494.48	475.00	19.48	25.384	
3,400.00	3,357.66	3,304.60	3,287.31	11.05	10.17	-164.91	82.26	-178.78	531.46	511.26	20.19	26.316	
3,500.00	3,454.44	3,397.50	3,379.06	11.48	10.53	-164.72	89.71	-191.26	568.43	547.52	20.92	27.173	
3,600.00	3,551.22	3,490.39	3,470.81	11.91	10.89	-164.55	97.15	-203.74	605.42	583.77	21.65	27.961	
3,700.00	3,648.00	3,583.29	3,562.56	12.35	11.26	-164.41	104.60	-216.22	642.41	620.01	22.39	28.688	
3,800.00	3,744.77	3,676.19	3,654.32	12.79	11.63	-164.28	112.04	-228.70	679.40	656.26	23.14	29.360	
3,900.00	3,841.55	3,769.08	3,746.07	13.24	12.00	-164.16	119.49	-241.18	716.39	692.50	23.89	29.982	
4,000.00	3,938.33	3,861.98	3,837.82	13.69	12.38	-164.06	126.93	-253.66	753.39	728.73	24.65	30.558	
4,100.00	4,035.11	3,954.88	3,929.57	14.14	12.76	-163.96	134.38	-266.14	790.38	764.96	25.42	31.094	
4,200.00	4,131.89	4,047.77	4,021.33	14.59	13.14	-163.87	141.83	-278.62	827.38	801.19	26.19	31.592	
4,300.00	4,228.67	4,140.67	4,113.08	15.05	13.52	-163.80	149.27	-291.11	864.38	837.42	26.96	32.057	

CC - Min center to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Phoenix Anticollision Report



Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well Bel Air Fed Com 244H
Project:	Lea County, NM (Nad 83 NME)	TVD Reference:	RKB @ 3752.30usft (Scandriill Star)
Reference Site:	Bel Air Fed Com	MD Reference:	RKB @ 3752.30usft (Scandriill Star)
Site Error:	0.00	North Reference:	Grid
Reference Well:	Bel Air Fed Com 244H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	USAEDMDB
Reference Design:	Plan 1 08-04-23	Offset TVD Reference:	Offset Datum

Offset Design Bel-Air 5-8 Fed 1BS Com 3H - OH - Plan 2 09-02-22												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+HRGM												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Center		Distance			Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centers (usft)	Between Ellipses (usft)	Minimum Separation (usft)		
4,400.00	4,325.45	4,233.57	4,204.83	15.51	13.90	-163.72	156.72	-303.59	901.39	873.64	27.74	32.491	
4,500.00	4,422.23	4,326.46	4,296.58	15.97	14.29	-163.66	164.16	-316.07	938.39	909.86	28.52	32.897	
4,600.00	4,519.01	4,419.36	4,388.34	16.44	14.68	-163.59	171.61	-328.55	975.39	946.08	29.31	33.278	

CC - Min center to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Phoenix Anticollision Report



Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well Bel Air Fed Com 244H
Project:	Lea County, NM (Nad 83 NME)	TVD Reference:	RKB @ 3752.30usft (Scandril Star)
Reference Site:	Bel Air Fed Com	MD Reference:	RKB @ 3752.30usft (Scandril Star)
Site Error:	0.00	North Reference:	Grid
Reference Well:	Bel Air Fed Com 244H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	USAEDMDB
Reference Design:	Plan 1 08-04-23	Offset TVD Reference:	Offset Datum

Offset Design Bel-Air 5-8 Fed 1BS Com 4H - OH - Plan 2 09-02-22												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+HRGM												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Center		Distance			Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centers (usft)	Between Ellipses (usft)	Minimum Separation (usft)		
0.00	0.00	0.00	0.00	0.00	0.00	125.64	-35.97	50.17	61.74				
100.00	100.00	99.30	99.30	0.82	0.50	125.64	-35.97	50.17	61.73	60.41	1.32	46.745	
200.00	200.00	199.30	199.30	1.47	1.31	125.64	-35.97	50.17	61.73	58.96	2.77	22.260	
300.00	300.00	299.30	299.30	1.91	1.79	125.64	-35.97	50.17	61.73	58.04	3.69	16.709	
400.00	400.00	399.30	399.30	2.27	2.16	125.64	-35.97	50.17	61.73	57.30	4.43	13.927	
500.00	500.00	499.30	499.30	2.58	2.49	125.64	-35.97	50.17	61.73	56.66	5.07	12.177	
600.00	600.00	599.30	599.30	2.86	2.78	125.64	-35.97	50.17	61.73	56.09	5.64	10.947	
700.00	700.00	699.30	699.30	3.12	3.04	125.64	-35.97	50.17	61.73	55.57	6.16	10.020	
800.00	800.00	799.30	799.30	3.36	3.29	125.64	-35.97	50.17	61.73	55.09	6.65	9.289	
900.00	900.00	899.30	899.30	3.58	3.52	125.64	-35.97	50.17	61.73	54.63	7.10	8.693	
1,000.00	1,000.00	999.30	999.30	3.80	3.73	125.64	-35.97	50.17	61.73	54.20	7.53	8.195	
1,100.00	1,100.00	1,099.30	1,099.30	4.00	3.94	125.64	-35.97	50.17	61.73	53.79	7.94	7.771	
1,200.00	1,200.00	1,199.30	1,199.30	4.20	4.14	125.64	-35.97	50.17	61.73	53.39	8.34	7.403	
1,300.00	1,300.00	1,299.30	1,299.30	4.39	4.33	125.64	-35.97	50.17	61.73	53.01	8.72	7.081	
1,400.00	1,400.00	1,399.30	1,399.30	4.57	4.51	125.64	-35.97	50.17	61.73	52.65	9.08	6.795	
1,500.00	1,500.00	1,499.30	1,499.30	4.75	4.69	125.64	-35.97	50.17	61.73	52.29	9.44	6.540	
1,600.00	1,600.00	1,599.30	1,599.30	4.92	4.87	125.64	-35.97	50.17	61.73	51.95	9.78	6.309	
1,700.00	1,699.98	1,698.27	1,698.25	5.18	5.13	51.63	-35.25	51.70	61.48	51.32	10.17	6.047	
1,800.00	1,799.84	1,797.22	1,797.07	5.44	5.39	51.27	-33.09	56.31	60.76	50.22	10.54	5.767	
1,900.00	1,899.45	1,896.17	1,895.65	5.71	5.66	50.65	-29.47	64.02	59.57	48.65	10.92	5.456	
2,000.00	1,998.70	1,995.12	1,993.86	6.00	5.95	49.73	-24.41	74.80	57.92	46.60	11.32	5.115	
2,100.00	2,097.47	2,094.51	2,092.11	6.31	6.13	48.75	-18.02	88.40	55.65	43.98	11.68	4.767	
2,200.00	2,195.62	2,194.40	2,190.77	6.64	6.39	50.08	-11.38	102.56	51.39	39.31	12.09	4.252	
2,300.00	2,293.06	2,294.11	2,289.25	6.99	6.66	55.16	-4.75	116.68	45.08	32.66	12.42	3.629	
2,329.10	2,321.25	2,323.07	2,317.86	7.06	6.75	57.64	-2.83	120.79	42.96	30.50	12.46	3.447	
2,400.00	2,389.87	2,393.60	2,387.52	7.25	6.95	65.17	1.87	130.78	38.04	25.48	12.56	3.028	
2,500.00	2,486.65	2,493.08	2,485.77	7.57	7.26	79.23	8.48	144.88	32.61	19.84	12.77	2.553	
2,600.00	2,583.43	2,592.56	2,584.02	7.91	7.58	97.27	15.10	158.97	29.79	16.50	13.29	2.241	
2,634.00	2,616.33	2,626.38	2,617.43	8.03	7.70	103.92	17.34	163.76	29.59	15.98	13.61	2.174	CC
2,700.00	2,680.21	2,692.03	2,682.27	8.26	7.92	116.69	21.71	173.06	30.34	15.95	14.40	2.108	ES, SF
2,800.00	2,776.99	2,791.51	2,780.53	8.63	8.26	133.60	28.33	187.16	34.09	18.31	15.77	2.161	
2,900.00	2,873.77	2,890.99	2,878.78	9.01	8.61	146.33	34.94	201.25	40.15	23.11	17.04	2.356	
3,000.00	2,970.54	2,990.47	2,977.03	9.40	8.97	155.42	41.56	215.35	47.65	29.52	18.12	2.629	
3,100.00	3,067.32	3,089.94	3,075.28	9.80	9.34	161.93	48.17	229.44	56.01	36.92	19.09	2.935	
3,200.00	3,164.10	3,189.42	3,173.53	10.21	9.71	166.71	54.79	243.54	64.90	44.92	19.98	3.249	
3,300.00	3,260.88	3,288.90	3,271.78	10.63	10.09	170.33	61.40	257.63	74.13	53.30	20.84	3.558	
3,400.00	3,357.66	3,388.38	3,370.03	11.05	10.48	173.13	68.02	271.72	83.59	61.92	21.68	3.856	
3,500.00	3,454.44	3,487.85	3,468.29	11.48	10.87	175.36	74.63	285.82	93.21	70.70	22.51	4.140	
3,600.00	3,551.22	3,587.33	3,566.54	11.91	11.26	177.17	81.25	299.91	102.95	79.60	23.35	4.409	
3,700.00	3,648.00	3,686.81	3,664.79	12.35	11.66	178.67	87.86	314.01	112.76	88.58	24.18	4.663	
3,800.00	3,744.77	3,786.29	3,763.04	12.79	12.06	179.93	94.48	328.10	122.64	97.62	25.02	4.902	
3,900.00	3,841.55	3,885.76	3,861.29	13.24	12.46	-179.00	101.09	342.20	132.57	106.71	25.86	5.126	
4,000.00	3,938.33	3,985.24	3,959.54	13.69	12.86	-178.08	107.71	356.29	142.54	115.84	26.71	5.337	
4,100.00	4,035.11	4,084.72	4,057.79	14.14	13.27	-177.28	114.32	370.38	152.54	124.99	27.56	5.536	
4,200.00	4,131.89	4,184.20	4,156.05	14.59	13.68	-176.58	120.94	384.48	162.57	134.16	28.41	5.723	
4,300.00	4,228.67	4,283.67	4,254.30	15.05	14.09	-175.96	127.55	398.57	172.62	143.36	29.26	5.899	

CC - Min center to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Phoenix Anticollision Report



Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well Bel Air Fed Com 244H
Project:	Lea County, NM (Nad 83 NME)	TVD Reference:	RKB @ 3752.30usft (Scandril Star)
Reference Site:	Bel Air Fed Com	MD Reference:	RKB @ 3752.30usft (Scandril Star)
Site Error:	0.00	North Reference:	Grid
Reference Well:	Bel Air Fed Com 244H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	USAEDMDB
Reference Design:	Plan 1 08-04-23	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+HRGM												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Offset Wellbore Center		Distance			Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centers (usft)	Between Ellipses (usft)	Minimum Separation (usft)		
4,400.00	4,325.45	4,383.15	4,352.55	15.51	14.51	-175.41	134.17	412.67	182.69	152.56	30.12	6.064	
4,500.00	4,422.23	4,482.63	4,450.80	15.97	14.92	-174.92	140.79	426.76	192.77	161.78	30.99	6.221	
4,600.00	4,519.01	4,582.11	4,549.05	16.44	15.34	-174.47	147.40	440.85	202.86	171.01	31.85	6.369	
4,700.00	4,615.78	4,681.58	4,647.30	16.90	15.76	-174.07	154.02	454.95	212.97	180.25	32.72	6.509	
4,800.00	4,712.56	4,781.06	4,745.56	17.37	16.18	-173.70	160.63	469.04	223.08	189.49	33.59	6.641	
4,900.00	4,809.34	4,880.54	4,843.81	17.84	16.60	-173.37	167.25	483.14	233.21	198.74	34.47	6.766	
5,000.00	4,906.12	4,980.02	4,942.06	18.31	17.02	-173.06	173.86	497.23	243.34	207.99	35.34	6.885	
5,100.00	5,002.90	5,079.49	5,040.31	18.78	17.45	-172.78	180.48	511.33	253.47	217.25	36.22	6.998	
5,200.00	5,099.68	5,178.97	5,138.56	19.26	17.87	-172.52	187.09	525.42	263.61	226.51	37.10	7.105	
5,300.00	5,196.46	5,278.45	5,236.81	19.73	18.30	-172.28	193.71	539.51	273.76	235.78	37.98	7.207	
5,400.00	5,293.24	5,377.93	5,335.06	20.21	18.72	-172.05	200.32	553.61	283.91	245.05	38.87	7.305	
5,500.00	5,390.02	5,477.40	5,433.32	20.68	19.15	-171.85	206.94	567.70	294.07	254.32	39.75	7.397	
5,600.00	5,486.79	5,576.88	5,531.57	21.16	19.58	-171.65	213.55	581.80	304.23	263.59	40.64	7.486	
5,700.00	5,583.57	5,676.36	5,629.82	21.64	20.01	-171.47	220.17	595.89	314.39	272.86	41.53	7.570	
5,800.00	5,680.35	5,775.84	5,728.07	22.12	20.44	-171.30	226.78	609.99	324.56	282.14	42.42	7.651	
5,900.00	5,777.13	5,875.31	5,826.32	22.60	20.87	-171.14	233.40	624.08	334.72	291.41	43.31	7.728	
6,000.00	5,873.91	5,974.79	5,924.57	23.08	21.30	-170.99	240.01	638.17	344.89	300.69	44.20	7.802	
6,075.52	5,947.00	6,049.92	5,998.77	23.44	21.62	-170.88	245.01	648.82	352.58	307.70	44.87	7.857	
6,100.00	5,970.71	6,074.28	6,022.84	23.55	21.73	-170.85	246.63	652.27	354.96	309.88	45.08	7.873	
6,200.00	6,068.11	6,173.98	6,121.30	24.04	22.16	-170.67	253.26	666.40	362.58	316.60	45.98	7.885	
6,300.00	6,166.24	6,273.87	6,219.96	24.52	22.59	-170.41	259.90	680.55	366.77	319.92	46.85	7.828	
6,400.00	6,264.98	6,373.83	6,318.69	24.97	23.03	-170.04	266.55	694.71	367.53	319.84	47.69	7.707	
6,500.00	6,364.21	6,473.75	6,417.38	25.41	23.46	-169.56	273.19	708.87	364.87	316.39	48.48	7.527	
6,600.00	6,463.81	6,572.22	6,514.64	25.81	23.88	-168.97	279.73	722.78	358.85	309.66	49.19	7.295	
6,700.00	6,563.65	6,666.32	6,607.76	26.17	24.28	-168.33	285.51	735.11	350.54	300.74	49.81	7.038	
6,800.00	6,663.63	6,760.41	6,701.07	26.35	24.67	-167.63	290.64	746.04	340.41	290.19	50.21	6.779	
6,804.62	6,668.25	6,764.76	6,705.38	26.36	24.69	-93.68	290.86	746.51	339.89	289.66	50.23	6.767	
6,900.00	6,763.63	6,854.66	6,794.72	26.39	25.05	-93.04	295.13	755.60	329.99	279.54	50.45	6.540	
7,000.00	6,863.63	6,949.23	6,888.86	26.42	25.42	-92.43	298.97	763.79	321.14	270.47	50.67	6.337	
7,100.00	6,963.63	7,044.08	6,983.40	26.46	25.78	-91.90	302.17	770.60	313.84	262.97	50.88	6.169	
7,200.00	7,063.63	7,139.15	7,078.29	26.50	26.12	-91.46	304.70	775.99	308.09	257.02	51.07	6.033	
7,300.00	7,163.63	7,234.39	7,173.43	26.53	26.43	-91.13	306.56	779.97	303.87	252.63	51.24	5.930	
7,400.00	7,263.63	7,329.75	7,268.74	26.57	26.72	-90.91	307.76	782.51	301.18	249.79	51.39	5.860	
7,500.00	7,363.63	7,425.18	7,364.16	26.61	26.93	-90.82	308.28	783.62	300.01	248.51	51.50	5.826	
7,545.70	7,409.34	7,469.65	7,408.64	26.62	26.97	-90.81	308.30	783.67	299.95	248.44	51.52	5.823	
7,600.00	7,463.63	7,523.95	7,462.93	26.64	26.98	-90.81	308.30	783.67	299.95	248.40	51.55	5.819	
7,700.00	7,563.63	7,623.95	7,562.93	26.68	27.02	-90.81	308.30	783.67	299.95	248.33	51.63	5.810	
7,800.00	7,663.63	7,723.95	7,662.93	26.72	27.06	-90.81	308.30	783.67	299.95	248.25	51.70	5.801	
7,900.00	7,763.63	7,823.95	7,762.93	26.75	27.10	-90.81	308.30	783.67	299.95	248.17	51.78	5.793	
8,000.00	7,863.63	7,923.95	7,862.93	26.79	27.13	-90.81	308.30	783.67	299.95	248.10	51.86	5.784	
8,100.00	7,963.63	8,023.95	7,962.93	26.83	27.17	-90.81	308.30	783.67	299.95	248.02	51.94	5.775	
8,200.00	8,063.63	8,123.95	8,062.93	26.87	27.21	-90.81	308.30	783.67	299.95	247.94	52.01	5.767	
8,300.00	8,163.63	8,223.95	8,162.93	26.91	27.25	-90.81	308.30	783.67	299.95	247.86	52.09	5.758	
8,400.00	8,263.63	8,323.95	8,262.93	26.94	27.29	-90.81	308.30	783.67	299.95	247.78	52.17	5.750	
8,403.01	8,266.65	8,326.96	8,265.95	26.95	27.29	-90.81	308.30	783.67	299.95	247.78	52.17	5.749	

CC - Min center to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Phoenix Anticollision Report



Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well Bel Air Fed Com 244H
Project:	Lea County, NM (Nad 83 NME)	TVD Reference:	RKB @ 3752.30usft (Scandril Star)
Reference Site:	Bel Air Fed Com	MD Reference:	RKB @ 3752.30usft (Scandril Star)
Site Error:	0.00	North Reference:	Grid
Reference Well:	Bel Air Fed Com 244H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	USAEDMDB
Reference Design:	Plan 1 08-04-23	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+HRGM												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Offset Wellbore Center		Distance			Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centers (usft)	Between Ellipses (usft)	Minimum Separation (usft)		
8,500.00	8,363.63	8,423.76	8,362.72	26.98	27.28	-91.00	307.33	783.68	299.96	247.71	52.26	5.740	
8,600.00	8,463.63	8,521.03	8,458.88	27.02	27.14	-93.65	293.45	783.76	300.48	247.89	52.59	5.714	
8,700.00	8,563.63	8,611.25	8,544.79	27.06	26.99	-98.79	266.22	783.91	303.79	251.01	52.79	5.755	
8,800.00	8,663.63	8,691.31	8,616.63	27.10	26.86	-105.23	231.02	784.10	313.83	261.62	52.20	6.012	
8,900.00	8,763.63	8,760.25	8,674.06	27.14	26.75	-111.79	192.94	784.31	334.33	283.86	50.47	6.625	
9,000.00	8,863.63	8,818.66	8,718.83	27.18	26.68	-117.71	155.48	784.52	367.26	319.48	47.78	7.686	
9,100.00	8,963.63	8,867.79	8,753.38	27.22	26.64	-122.72	120.57	784.72	412.43	367.67	44.76	9.215	
9,200.00	9,063.63	8,900.00	8,774.36	27.26	26.62	-125.92	96.13	784.85	468.36	426.65	41.71	11.230	
9,300.00	9,163.63	8,950.00	8,804.11	27.30	26.61	-130.68	55.97	785.08	532.64	492.84	39.80	13.383	
9,400.00	9,263.63	8,973.76	8,816.99	27.34	26.61	-132.82	36.00	785.19	603.65	565.69	37.95	15.905	
9,400.80	9,264.43	8,973.98	8,817.11	27.34	26.61	-132.84	35.82	785.19	604.24	566.30	37.94	15.925	
9,450.00	9,313.57	9,000.00	8,830.24	27.32	26.61	41.78	13.36	785.31	640.44	602.99	37.45	17.100	
9,500.00	9,363.14	9,000.00	8,830.24	27.27	26.61	38.56	13.36	785.31	675.79	639.18	36.62	18.455	
9,550.00	9,411.95	9,018.20	8,838.82	27.22	26.63	34.79	-2.69	785.40	710.10	673.96	36.14	19.650	
9,600.00	9,459.64	9,034.27	8,845.96	27.16	26.64	31.74	-17.08	785.48	742.94	707.24	35.70	20.811	
9,650.00	9,505.85	9,050.00	8,852.57	27.10	26.65	29.19	-31.36	785.56	774.14	738.81	35.33	21.911	
9,700.00	9,550.22	9,067.79	8,859.56	27.05	26.67	27.00	-47.72	785.65	803.54	768.49	35.05	22.927	
9,750.00	9,592.41	9,085.12	8,865.87	27.00	26.69	25.17	-63.86	785.74	831.00	796.18	34.82	23.867	
9,800.00	9,632.11	9,100.00	8,870.91	26.96	26.71	23.69	-77.86	785.82	856.43	821.80	34.63	24.732	
9,850.00	9,669.01	9,120.70	8,877.30	26.94	26.74	22.36	-97.54	785.93	879.68	845.15	34.53	25.477	
9,900.00	9,702.83	9,150.00	8,885.13	26.93	26.80	21.16	-125.78	786.09	900.87	866.36	34.51	26.107	
9,950.00	9,733.31	9,150.00	8,885.13	26.93	26.80	20.45	-125.78	786.09	919.48	885.08	34.40	26.727	
10,000.00	9,760.23	9,175.74	8,890.80	26.96	26.85	19.65	-150.88	786.23	935.75	901.30	34.45	27.166	
10,050.00	9,783.37	9,200.00	8,895.11	27.02	26.91	19.03	-174.75	786.36	949.69	915.18	34.51	27.519	
10,100.00	9,802.56	9,200.00	8,895.11	27.10	26.91	18.64	-174.75	786.36	961.31	926.77	34.55	27.826	
10,150.00	9,817.66	9,232.07	8,899.26	27.20	27.00	18.23	-206.54	786.54	970.00	935.31	34.69	27.964	
10,200.00	9,828.55	9,250.00	8,900.80	27.34	27.05	17.99	-224.41	786.64	976.38	941.56	34.82	28.043	
10,250.00	9,835.14	9,269.98	8,901.85	27.50	27.12	17.84	-244.36	786.75	980.19	945.24	34.95	28.045	
10,290.70	9,837.30	9,295.89	8,902.43	27.66	27.21	17.80	-270.26	786.89	981.31	946.26	35.05	27.999	
10,300.00	9,837.46	9,305.19	8,902.61	27.69	27.24	17.80	-279.57	786.95	981.30	946.23	35.07	27.982	
10,400.00	9,839.23	9,405.19	8,904.57	28.14	27.64	17.80	-379.55	787.50	981.11	945.78	35.33	27.767	
10,500.00	9,840.99	9,505.19	8,906.53	28.65	28.09	17.80	-479.52	788.06	980.92	945.24	35.68	27.491	
10,600.00	9,842.75	9,605.19	8,908.49	29.21	28.60	17.81	-579.50	788.62	980.74	944.63	36.11	27.160	
10,700.00	9,844.52	9,705.19	8,910.45	29.83	29.16	17.81	-679.48	789.17	980.55	943.93	36.62	26.779	
10,800.00	9,846.28	9,805.19	8,912.41	30.49	29.77	17.82	-779.46	789.73	980.36	943.17	37.20	26.356	
10,900.00	9,848.04	9,905.19	8,914.37	31.19	30.44	17.82	-879.44	790.29	980.18	942.33	37.85	25.897	
11,000.00	9,849.81	10,005.19	8,916.33	31.94	31.14	17.82	-979.42	790.84	979.99	941.42	38.57	25.408	
11,100.00	9,851.57	10,105.19	8,918.29	32.72	31.89	17.83	-1,079.40	791.40	979.80	940.45	39.35	24.898	
11,200.00	9,853.33	10,205.19	8,920.24	33.55	32.68	17.83	-1,179.38	791.96	979.62	939.42	40.20	24.371	
11,300.00	9,855.10	10,305.19	8,922.20	34.40	33.52	17.83	-1,279.36	792.51	979.43	938.33	41.10	23.832	
11,400.00	9,856.86	10,405.19	8,924.16	35.29	34.38	17.84	-1,379.34	793.07	979.24	937.19	42.05	23.288	
11,500.00	9,858.62	10,505.19	8,926.12	36.21	35.29	17.84	-1,479.31	793.62	979.06	936.01	43.05	22.742	
11,600.00	9,860.39	10,605.19	8,928.08	37.16	36.22	17.84	-1,579.29	794.18	978.87	934.77	44.10	22.197	
11,700.00	9,862.15	10,705.19	8,930.04	38.14	37.19	17.85	-1,679.27	794.74	978.68	933.49	45.19	21.657	
11,800.00	9,863.91	10,805.19	8,932.00	39.14	38.19	17.85	-1,779.25	795.29	978.50	932.18	46.32	21.125	
11,900.00	9,865.68	10,905.19	8,933.96	40.17	39.21	17.85	-1,879.23	795.85	978.31	930.82	47.49	20.602	

CC - Min center to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Phoenix Anticollision Report



Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well Bel Air Fed Com 244H
Project:	Lea County, NM (Nad 83 NME)	TVD Reference:	RKB @ 3752.30usft (Scandril Star)
Reference Site:	Bel Air Fed Com	MD Reference:	RKB @ 3752.30usft (Scandril Star)
Site Error:	0.00	North Reference:	Grid
Reference Well:	Bel Air Fed Com 244H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	USAEDMDB
Reference Design:	Plan 1 08-04-23	Offset TVD Reference:	Offset Datum

Offset Design Bel-Air 5-8 Fed 1BS Com 4H - OH - Plan 2 09-02-22												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+HRGM												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Offset Wellbore Center		Distance			Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centers (usft)	Between Ellipses (usft)	Minimum Separation (usft)		
12,000.00	9,867.44	11,005.19	8,935.92	41.22	40.26	17.86	-1,979.21	796.41	978.12	929.44	48.69	20.090	
12,100.00	9,869.20	11,105.19	8,937.88	42.29	41.33	17.86	-2,079.19	796.96	977.94	928.02	49.92	19.591	
12,200.00	9,870.97	11,205.19	8,939.84	43.38	42.43	17.86	-2,179.17	797.52	977.75	926.57	51.18	19.104	
12,300.00	9,872.73	11,305.19	8,941.79	44.49	43.54	17.87	-2,279.15	798.08	977.56	925.10	52.47	18.631	
12,400.00	9,874.49	11,405.19	8,943.75	45.61	44.67	17.87	-2,379.13	798.63	977.38	923.59	53.78	18.172	
12,500.00	9,876.26	11,505.19	8,945.71	46.76	45.82	17.87	-2,479.11	799.19	977.19	922.07	55.12	17.728	
12,600.00	9,878.02	11,605.19	8,947.67	47.92	46.99	17.88	-2,579.08	799.75	977.01	920.52	56.48	17.298	
12,700.00	9,879.78	11,705.19	8,949.63	49.09	48.18	17.88	-2,679.06	800.30	976.82	918.96	57.86	16.882	
12,800.00	9,881.55	11,805.19	8,951.59	50.28	49.37	17.89	-2,779.04	800.86	976.63	917.37	59.26	16.480	
12,900.00	9,883.31	11,905.19	8,953.55	51.48	50.58	17.89	-2,879.02	801.42	976.45	915.77	60.68	16.093	
13,000.00	9,885.07	12,005.19	8,955.51	52.69	51.81	17.89	-2,979.00	801.97	976.26	914.15	62.11	15.718	
13,100.00	9,886.84	12,105.19	8,957.47	53.91	53.04	17.90	-3,078.98	802.53	976.07	912.52	63.56	15.357	
13,200.00	9,888.60	12,205.19	8,959.43	55.14	54.28	17.90	-3,178.96	803.09	975.89	910.87	65.02	15.009	
13,300.00	9,890.36	12,305.19	8,961.39	56.39	55.54	17.90	-3,278.94	803.64	975.70	909.21	66.50	14.673	
13,400.00	9,892.13	12,405.19	8,963.34	57.64	56.80	17.91	-3,378.92	804.20	975.51	907.53	67.98	14.349	
13,500.00	9,893.89	12,505.19	8,965.30	58.90	58.08	17.91	-3,478.90	804.76	975.33	905.84	69.48	14.037	
13,600.00	9,895.65	12,605.19	8,967.26	60.17	59.36	17.91	-3,578.88	805.31	975.14	904.15	70.99	13.736	
13,700.00	9,897.42	12,705.19	8,969.22	61.45	60.65	17.92	-3,678.85	805.87	974.95	902.44	72.51	13.445	
13,800.00	9,899.18	12,805.19	8,971.18	62.73	61.94	17.92	-3,778.83	806.43	974.77	900.72	74.05	13.164	
13,900.00	9,900.94	12,905.19	8,973.14	64.02	63.25	17.92	-3,878.81	806.98	974.58	899.00	75.59	12.894	
14,000.00	9,902.70	13,005.19	8,975.10	65.32	64.56	17.93	-3,978.79	807.54	974.40	897.26	77.13	12.633	
14,100.00	9,904.47	13,105.19	8,977.06	66.62	65.87	17.93	-4,078.77	808.10	974.21	895.52	78.69	12.380	
14,200.00	9,906.23	13,205.19	8,979.02	67.93	67.19	17.93	-4,178.75	808.65	974.02	893.77	80.25	12.137	
14,300.00	9,907.99	13,305.19	8,980.98	69.25	68.52	17.94	-4,278.73	809.21	973.84	892.01	81.83	11.901	
14,400.00	9,909.76	13,405.19	8,982.94	70.57	69.85	17.94	-4,378.71	809.77	973.65	890.25	83.40	11.674	
14,500.00	9,911.52	13,505.19	8,984.90	71.89	71.19	17.95	-4,478.69	810.32	973.46	888.48	84.99	11.454	
14,600.00	9,913.28	13,605.19	8,986.85	73.22	72.53	17.95	-4,578.67	810.88	973.28	886.70	86.58	11.242	
14,700.00	9,915.05	13,705.19	8,988.81	74.55	73.87	17.95	-4,678.65	811.44	973.09	884.92	88.17	11.036	
14,800.00	9,916.81	13,805.19	8,990.77	75.89	75.22	17.96	-4,778.62	811.99	972.90	883.13	89.78	10.837	
14,900.00	9,918.57	13,905.19	8,992.73	77.23	76.57	17.96	-4,878.60	812.55	972.72	881.33	91.38	10.644	
15,000.00	9,920.34	14,005.19	8,994.69	78.58	77.93	17.96	-4,978.58	813.11	972.53	879.54	92.99	10.458	
15,100.00	9,922.10	14,105.18	8,996.65	79.93	79.29	17.97	-5,078.56	813.66	972.34	877.73	94.61	10.277	
15,200.00	9,923.86	14,205.18	8,998.61	81.28	80.65	17.97	-5,178.54	814.22	972.16	875.93	96.23	10.102	
15,300.00	9,925.63	14,305.18	9,000.57	82.64	82.02	17.97	-5,278.52	814.78	971.97	874.12	97.86	9.933	
15,400.00	9,927.39	14,405.18	9,002.53	84.00	83.39	17.98	-5,378.50	815.33	971.79	872.30	99.49	9.768	
15,500.00	9,929.15	14,505.18	9,004.49	85.36	84.76	17.98	-5,478.48	815.89	971.60	870.48	101.12	9.609	
15,600.00	9,930.92	14,605.18	9,006.45	86.72	86.13	17.98	-5,578.46	816.45	971.41	868.66	102.75	9.454	
15,700.00	9,932.68	14,705.18	9,008.40	88.09	87.51	17.99	-5,678.44	817.00	971.23	866.83	104.39	9.303	
15,800.00	9,934.44	14,805.18	9,010.36	89.46	88.89	17.99	-5,778.41	817.56	971.04	865.00	106.04	9.157	
15,900.00	9,936.21	14,905.18	9,012.32	90.83	90.27	18.00	-5,878.39	818.12	970.85	863.17	107.68	9.016	
16,000.00	9,937.97	15,005.18	9,014.28	92.21	91.65	18.00	-5,978.37	818.67	970.67	861.33	109.33	8.878	
16,100.00	9,939.73	15,105.18	9,016.24	93.59	93.04	18.00	-6,078.35	819.23	970.48	859.49	110.99	8.744	
16,200.00	9,941.50	15,205.18	9,018.20	94.97	94.42	18.01	-6,178.33	819.79	970.29	857.65	112.64	8.614	
16,300.00	9,943.26	15,305.18	9,020.16	96.35	95.81	18.01	-6,278.31	820.34	970.11	855.81	114.30	8.487	
16,400.00	9,945.02	15,405.18	9,022.12	97.73	97.20	18.01	-6,378.29	820.90	969.92	853.96	115.96	8.364	

CC - Min center to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Phoenix Anticollision Report



Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well Bel Air Fed Com 244H
Project:	Lea County, NM (Nad 83 NME)	TVD Reference:	RKB @ 3752.30usft (Scandril Star)
Reference Site:	Bel Air Fed Com	MD Reference:	RKB @ 3752.30usft (Scandril Star)
Site Error:	0.00	North Reference:	Grid
Reference Well:	Bel Air Fed Com 244H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	USAEDMDB
Reference Design:	Plan 1 08-04-23	Offset TVD Reference:	Offset Datum

Offset Design Bel-Air 5-8 Fed 1BS Com 4H - OH - Plan 2 09-02-22												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+HRGM												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Center		Distance			Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centers (usft)	Between Ellipses (usft)	Minimum Separation (usft)		
16,500.00	9,946.79	15,505.18	9,024.08	99.12	98.60	18.02	-6,478.27	821.46	969.74	852.11	117.62	8.244	
16,600.00	9,948.55	15,605.18	9,026.04	100.50	99.99	18.02	-6,578.25	822.01	969.55	850.26	119.29	8.128	
16,700.00	9,950.31	15,705.18	9,028.00	101.89	101.39	18.02	-6,678.23	822.57	969.36	848.41	120.96	8.014	
16,800.00	9,952.08	15,805.18	9,029.95	103.28	102.78	18.03	-6,778.21	823.13	969.18	846.55	122.63	7.904	
16,900.00	9,953.84	15,905.18	9,031.91	104.67	104.18	18.03	-6,878.18	823.68	968.99	844.69	124.30	7.796	
17,000.00	9,955.60	16,005.18	9,033.87	106.07	105.58	18.03	-6,978.16	824.24	968.80	842.83	125.97	7.691	
17,100.00	9,957.37	16,105.18	9,035.83	107.46	106.98	18.04	-7,078.14	824.80	968.62	840.97	127.65	7.588	
17,200.00	9,959.13	16,205.18	9,037.79	108.86	108.39	18.04	-7,178.12	825.35	968.43	839.11	129.33	7.488	
17,300.00	9,960.89	16,305.18	9,039.75	110.26	109.79	18.05	-7,278.10	825.91	968.25	837.24	131.01	7.391	
17,400.00	9,962.66	16,405.18	9,041.71	111.65	111.20	18.05	-7,378.08	826.47	968.06	835.37	132.69	7.296	
17,500.00	9,964.42	16,505.18	9,043.67	113.06	112.60	18.05	-7,478.06	827.02	967.87	833.50	134.37	7.203	
17,600.00	9,966.18	16,605.18	9,045.63	114.46	114.01	18.06	-7,578.04	827.58	967.69	831.63	136.05	7.113	
17,700.00	9,967.95	16,705.18	9,047.59	115.86	115.42	18.06	-7,678.02	828.14	967.50	829.76	137.74	7.024	
17,800.00	9,969.71	16,805.18	9,049.55	117.26	116.83	18.06	-7,778.00	828.69	967.31	827.89	139.43	6.938	
17,900.00	9,971.47	16,905.18	9,051.50	118.67	118.24	18.07	-7,877.98	829.25	967.13	826.01	141.12	6.853	
18,000.00	9,973.24	17,005.18	9,053.46	120.07	119.65	18.07	-7,977.95	829.81	966.94	824.13	142.81	6.771	
18,100.00	9,975.00	17,105.18	9,055.42	121.48	121.06	18.07	-8,077.93	830.36	966.76	822.25	144.50	6.690	
18,200.00	9,976.76	17,205.18	9,057.38	122.89	122.48	18.08	-8,177.91	830.92	966.57	820.37	146.19	6.612	
18,300.00	9,978.53	17,305.18	9,059.34	124.30	123.89	18.08	-8,277.89	831.47	966.38	818.49	147.89	6.535	
18,400.00	9,980.29	17,405.18	9,061.30	125.71	125.30	18.08	-8,377.87	832.03	966.20	816.61	149.58	6.459	
18,500.00	9,982.05	17,505.18	9,063.26	127.12	126.72	18.09	-8,477.85	832.59	966.01	814.73	151.28	6.385	
18,600.00	9,983.81	17,605.18	9,065.22	128.53	128.14	18.09	-8,577.83	833.14	965.82	812.84	152.98	6.313	
18,700.00	9,985.58	17,705.18	9,067.18	129.94	129.55	18.10	-8,677.81	833.70	965.64	810.96	154.68	6.243	
18,800.00	9,987.34	17,805.18	9,069.14	131.36	130.97	18.10	-8,777.79	834.26	965.45	809.07	156.38	6.174	
18,900.00	9,989.10	17,905.18	9,071.10	132.77	132.39	18.10	-8,877.77	834.81	965.27	807.18	158.08	6.106	
19,000.00	9,990.87	18,005.18	9,073.06	134.19	133.81	18.11	-8,977.74	835.37	965.08	805.29	159.79	6.040	
19,100.00	9,992.63	18,105.18	9,075.01	135.60	135.23	18.11	-9,077.72	835.93	964.89	803.40	161.49	5.975	
19,200.00	9,994.39	18,205.18	9,076.97	137.02	136.65	18.11	-9,177.70	836.48	964.71	801.51	163.19	5.911	
19,300.00	9,996.16	18,305.18	9,078.93	138.43	138.07	18.12	-9,277.68	837.04	964.52	799.62	164.90	5.849	
19,400.00	9,997.92	18,405.18	9,080.89	139.85	139.49	18.12	-9,377.66	837.60	964.33	797.73	166.61	5.788	
19,500.00	9,999.68	18,505.18	9,082.85	141.27	140.92	18.12	-9,477.64	838.15	964.15	795.83	168.31	5.728	
19,600.00	10,001.45	18,605.18	9,084.81	142.69	142.34	18.13	-9,577.62	838.71	963.96	793.94	170.02	5.670	
19,700.00	10,003.21	18,705.18	9,086.77	144.11	143.76	18.13	-9,677.60	839.27	963.78	792.04	171.73	5.612	
19,800.00	10,004.97	18,805.18	9,088.73	145.53	145.19	18.14	-9,777.58	839.82	963.59	790.15	173.44	5.556	
19,900.00	10,006.74	18,905.18	9,090.69	146.95	146.61	18.14	-9,877.56	840.38	963.40	788.25	175.15	5.500	
20,000.00	10,008.50	19,005.18	9,092.65	148.37	148.04	18.14	-9,977.54	840.94	963.22	786.35	176.87	5.446	
20,100.00	10,010.26	19,105.18	9,094.61	149.79	149.46	18.15	-10,077.51	841.49	963.03	784.45	178.58	5.393	
20,200.00	10,012.03	19,205.18	9,096.56	151.21	150.89	18.15	-10,177.49	842.05	962.84	782.55	180.29	5.340	
20,300.00	10,013.79	19,305.18	9,098.52	152.64	152.31	18.15	-10,277.47	842.61	962.66	780.65	182.01	5.289	
20,400.00	10,015.55	19,405.17	9,100.48	154.06	153.74	18.16	-10,377.45	843.16	962.47	778.75	183.72	5.239	
20,500.00	10,017.32	19,505.17	9,102.44	155.48	155.17	18.16	-10,477.43	843.72	962.29	776.85	185.44	5.189	
20,600.00	10,019.08	19,605.17	9,104.40	156.91	156.60	18.16	-10,577.41	844.28	962.10	774.95	187.15	5.141	
20,688.48	10,020.64	19,691.91	9,106.10	158.17	157.83	18.17	-10,664.13	844.76	961.94	773.27	188.67	5.099	
20,700.00	10,020.84	19,691.91	9,106.10	158.33	157.83	18.17	-10,664.13	844.76	962.01	773.19	188.81	5.095	
20,754.27	10,021.80	19,691.91	9,106.10	159.11	157.83	18.17	-10,664.13	844.76	964.18	775.01	189.17	5.097	

CC - Min center to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Phoenix Anticollision Report



Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well Bel Air Fed Com 244H
Project:	Lea County, NM (Nad 83 NME)	TVD Reference:	RKB @ 3752.30usft (Scandril Star)
Reference Site:	Bel Air Fed Com	MD Reference:	RKB @ 3752.30usft (Scandril Star)
Site Error:	0.00	North Reference:	Grid
Reference Well:	Bel Air Fed Com 244H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	USAEDMDB
Reference Design:	Plan 1 08-04-23	Offset TVD Reference:	Offset Datum

Offset Design DeLorean 9-10 Fed Com 2BS 5H - OH - Plan 1 12-06-22												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+HRGM												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Offset Wellbore Center		Distance			Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centers (usft)	Between Ellipses (usft)	Minimum Separation (usft)		
15,600.00	9,930.92	9,675.88	9,615.64	86.72	23.36	-67.09	-6,202.21	1,813.68	989.89	908.54	81.35	12.168	
15,700.00	9,932.68	9,674.83	9,614.68	88.09	23.36	-67.02	-6,202.25	1,813.26	928.13	841.40	86.73	10.702	
15,800.00	9,934.44	9,673.80	9,613.74	89.46	23.36	-66.94	-6,202.29	1,812.84	873.47	781.12	92.35	9.458	
15,900.00	9,936.21	9,672.78	9,612.80	90.83	23.36	-66.86	-6,202.33	1,812.43	827.33	729.34	97.99	8.443	
16,000.00	9,937.97	9,671.78	9,611.89	92.21	23.36	-66.78	-6,202.37	1,812.02	791.20	687.88	103.32	7.657	
16,100.00	9,939.73	9,670.79	9,610.98	93.59	23.36	-66.71	-6,202.42	1,811.63	766.49	658.54	107.95	7.101	
16,200.00	9,941.50	9,669.81	9,610.09	94.97	23.36	-66.63	-6,202.46	1,811.24	754.33	642.85	111.49	6.766	
16,242.50	9,942.25	9,669.40	9,609.71	95.55	23.36	-66.60	-6,202.47	1,811.08	753.14	640.55	112.59	6.689	CC, ES
16,300.00	9,943.26	9,668.85	9,609.21	96.35	23.36	-66.56	-6,202.49	1,810.86	755.33	641.66	113.67	6.645	SF
16,400.00	9,945.02	9,667.90	9,608.34	97.73	23.36	-66.49	-6,202.53	1,810.49	769.43	654.98	114.45	6.723	
16,500.00	9,946.79	9,666.97	9,607.48	99.12	23.36	-66.42	-6,202.57	1,810.12	795.94	681.98	113.96	6.984	
16,600.00	9,948.55	9,666.05	9,606.63	100.50	23.37	-66.35	-6,202.61	1,809.76	833.68	721.22	112.46	7.413	
16,700.00	9,950.31	9,665.14	9,605.80	101.89	23.37	-66.28	-6,202.64	1,809.40	881.20	770.93	110.27	7.991	
16,800.00	9,952.08	9,650.00	9,591.79	103.28	23.38	-65.13	-6,203.23	1,803.68	937.27	829.79	107.48	8.720	
16,900.00	9,953.84	9,650.00	9,591.79	104.67	23.38	-65.13	-6,203.23	1,803.68	999.95	895.23	104.72	9.549	

CC - Min center to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Phoenix Anticollision Report



Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well Bel Air Fed Com 244H
Project:	Lea County, NM (Nad 83 NME)	TVD Reference:	RKB @ 3752.30usft (Scandril Star)
Reference Site:	Bel Air Fed Com	MD Reference:	RKB @ 3752.30usft (Scandril Star)
Site Error:	0.00	North Reference:	Grid
Reference Well:	Bel Air Fed Com 244H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	USAEDMDB
Reference Design:	Plan 1 08-04-23	Offset TVD Reference:	Offset Datum

Offset Design DeLorean 9-10 Fed Com 2BS 6H - OH - Plan 1 12-06-22												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+HRGM												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Center		Distance			Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centers (usft)	Between Ellipses (usft)	Minimum Separation (usft)		
16,800.00	9,952.08	9,684.53	9,625.66	103.28	22.42	-66.02	-7,393.93	1,809.78	980.41	892.69	87.72	11.176	
16,900.00	9,953.84	9,700.00	9,639.97	104.67	22.40	-67.20	-7,394.46	1,815.63	919.14	824.83	94.31	9.746	
17,000.00	9,955.60	9,700.00	9,639.97	106.07	22.40	-67.20	-7,394.46	1,815.63	864.78	763.63	101.15	8.550	
17,100.00	9,957.37	9,700.00	9,639.97	107.46	22.40	-67.20	-7,394.46	1,815.63	819.08	710.90	108.18	7.571	
17,200.00	9,959.13	9,700.00	9,639.97	108.86	22.40	-67.20	-7,394.46	1,815.63	783.53	668.50	115.03	6.811	
17,300.00	9,960.89	9,700.00	9,639.97	110.26	22.40	-67.20	-7,394.46	1,815.63	759.58	638.36	121.22	6.266	
17,400.00	9,962.66	9,700.00	9,639.97	111.65	22.40	-67.20	-7,394.46	1,815.63	748.33	622.11	126.22	5.929	
17,434.00	9,963.26	9,700.00	9,639.97	112.13	22.40	-67.20	-7,394.46	1,815.63	747.52	619.96	127.57	5.860	CC, ES
17,500.00	9,964.42	9,700.00	9,639.97	113.06	22.40	-67.20	-7,394.46	1,815.63	750.36	620.76	129.59	5.790	SF
17,600.00	9,966.18	9,700.00	9,639.97	114.46	22.40	-67.20	-7,394.46	1,815.63	765.55	634.41	131.14	5.838	
17,700.00	9,967.95	9,700.00	9,639.97	115.86	22.40	-67.20	-7,394.46	1,815.63	793.16	662.22	130.95	6.057	
17,800.00	9,969.71	9,700.00	9,639.97	117.26	22.40	-67.20	-7,394.46	1,815.63	831.95	702.64	129.32	6.433	
17,900.00	9,971.47	9,700.00	9,639.97	118.67	22.40	-67.20	-7,394.46	1,815.63	880.45	753.78	126.67	6.951	
18,000.00	9,973.24	9,700.00	9,639.97	120.07	22.40	-67.20	-7,394.46	1,815.63	937.13	813.74	123.39	7.595	

CC - Min center to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Phoenix Anticollision Report



Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well Bel Air Fed Com 244H
Project:	Lea County, NM (Nad 83 NME)	TVD Reference:	RKB @ 3752.30usft (Scandrell Star)
Reference Site:	Bel Air Fed Com	MD Reference:	RKB @ 3752.30usft (Scandrell Star)
Site Error:	0.00	North Reference:	Grid
Reference Well:	Bel Air Fed Com 244H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	USAEDMDB
Reference Design:	Plan 1 08-04-23	Offset TVD Reference:	Offset Datum

Offset Design DeLorean 9-10 Fed Com 2BS 7H - OH - Plan 1 12-06-22												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+HRGM												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Center		Distance			Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centers (usft)	Between Ellipses (usft)	Minimum Separation (usft)		
18,200.00	9,976.76	9,715.97	9,641.28	122.89	22.49	-66.42	-8,777.44	1,820.74	971.00	867.67	103.33	9.397	
18,300.00	9,978.53	9,716.70	9,641.95	124.30	22.49	-66.48	-8,777.44	1,821.03	910.64	799.79	110.85	8.215	
18,400.00	9,980.29	9,717.44	9,642.63	125.71	22.49	-66.53	-8,777.44	1,821.31	857.73	738.98	118.75	7.223	
18,500.00	9,982.05	9,718.17	9,643.31	127.12	22.49	-66.59	-8,777.43	1,821.60	813.71	687.01	126.70	6.423	
18,600.00	9,983.81	9,718.90	9,643.98	128.53	22.48	-66.65	-8,777.43	1,821.89	780.10	645.86	134.23	5.812	
18,700.00	9,985.58	9,719.64	9,644.65	129.94	22.48	-66.70	-8,777.43	1,822.17	758.27	617.49	140.77	5.386	
18,800.00	9,987.34	9,720.37	9,645.33	131.36	22.48	-66.76	-8,777.43	1,822.46	749.26	603.53	145.73	5.141	
18,817.92	9,987.66	9,720.50	9,645.45	131.61	22.48	-66.77	-8,777.43	1,822.51	749.04	602.63	146.41	5.116	CC, ES
18,900.00	9,989.10	9,721.10	9,646.00	132.77	22.48	-66.81	-8,777.43	1,822.75	753.53	604.86	148.67	5.068	SF
19,000.00	9,990.87	9,721.83	9,646.67	134.19	22.48	-66.87	-8,777.43	1,823.04	770.85	621.38	149.47	5.157	
19,100.00	9,992.63	9,722.56	9,647.34	135.60	22.48	-66.93	-8,777.43	1,823.33	800.39	652.06	148.33	5.396	
19,200.00	9,994.39	9,723.29	9,648.01	137.02	22.48	-66.98	-8,777.43	1,823.62	840.85	695.20	145.66	5.773	
19,300.00	9,996.16	9,724.02	9,648.68	138.43	22.48	-67.04	-8,777.43	1,823.91	890.75	748.81	141.95	6.275	
19,400.00	9,997.92	9,724.75	9,649.35	139.85	22.47	-67.09	-8,777.42	1,824.20	948.60	810.95	137.66	6.891	

CC - Min center to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Phoenix Anticollision Report



Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well Bel Air Fed Com 244H
Project:	Lea County, NM (Nad 83 NME)	TVD Reference:	RKB @ 3752.30usft (Scandriill Star)
Reference Site:	Bel Air Fed Com	MD Reference:	RKB @ 3752.30usft (Scandriill Star)
Site Error:	0.00	North Reference:	Grid
Reference Well:	Bel Air Fed Com 244H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	USAEDMDB
Reference Design:	Plan 1 08-04-23	Offset TVD Reference:	Offset Datum

Offset Design DeLorean 9-10 Fed Com 2BS 88H - OH - Plan 1 12-06-22												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+HRGM												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Center		Distance			Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centers (usft)	Between Ellipses (usft)	Minimum Separation (usft)		
19,500.00	9,999.68	9,650.00	9,635.10	141.27	16.05	-65.09	-10,097.42	1,827.82	989.54	875.65	113.89	8.689	
19,600.00	10,001.45	9,650.00	9,635.10	142.69	16.05	-65.09	-10,097.42	1,827.82	928.25	805.70	122.56	7.574	
19,700.00	10,003.21	9,650.00	9,635.10	144.11	16.05	-65.09	-10,097.42	1,827.82	874.13	742.58	131.56	6.645	
19,800.00	10,004.97	9,650.00	9,635.10	145.53	16.05	-65.09	-10,097.42	1,827.82	828.59	688.10	140.50	5.898	
19,900.00	10,006.74	9,650.00	9,635.10	146.95	16.05	-65.09	-10,097.42	1,827.82	793.11	644.30	148.81	5.330	
20,000.00	10,008.50	9,650.00	9,635.10	148.37	16.05	-65.09	-10,097.42	1,827.82	769.08	613.27	155.81	4.936	
20,100.00	10,010.26	9,650.00	9,635.10	149.79	16.05	-65.09	-10,097.42	1,827.82	757.59	596.74	160.85	4.710	
20,137.71	10,010.93	9,650.00	9,635.10	150.33	16.05	-65.09	-10,097.42	1,827.82	756.65	594.52	162.13	4.667	CC, ES
20,200.00	10,012.03	9,650.00	9,635.10	151.21	16.05	-65.09	-10,097.42	1,827.82	759.21	595.75	163.46	4.645	SF
20,300.00	10,013.79	9,650.00	9,635.10	152.64	16.05	-65.09	-10,097.42	1,827.82	773.86	610.32	163.54	4.732	
20,400.00	10,015.55	9,650.00	9,635.10	154.06	16.05	-65.09	-10,097.42	1,827.82	800.82	639.46	161.36	4.963	
20,500.00	10,017.32	9,650.00	9,635.10	155.48	16.05	-65.09	-10,097.42	1,827.82	838.91	681.46	157.45	5.328	
20,600.00	10,019.08	9,650.00	9,635.10	156.91	16.05	-65.09	-10,097.42	1,827.82	886.70	734.29	152.41	5.818	
20,700.00	10,020.84	9,664.66	9,648.52	158.33	16.03	-66.20	-10,097.39	1,833.73	942.44	795.22	147.22	6.402	
20,754.27	10,021.80	9,665.06	9,648.88	159.11	16.03	-66.23	-10,097.39	1,833.89	975.77	831.71	144.06	6.773	

CC - Min center to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Phoenix

Anticollision Report



Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well Bel Air Fed Com 244H
Project:	Lea County, NM (Nad 83 NME)	TVD Reference:	RKB @ 3752.30usft (Scandriill Star)
Reference Site:	Bel Air Fed Com	MD Reference:	RKB @ 3752.30usft (Scandriill Star)
Site Error:	0.00	North Reference:	Grid
Reference Well:	Bel Air Fed Com 244H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	USAEDMDB
Reference Design:	Plan 1 08-04-23	Offset TVD Reference:	Offset Datum

Reference Depths are relative to RKB @ 3752.30usft (Scandriill Star)

Coordinates are relative to: Bel Air Fed Com 244H

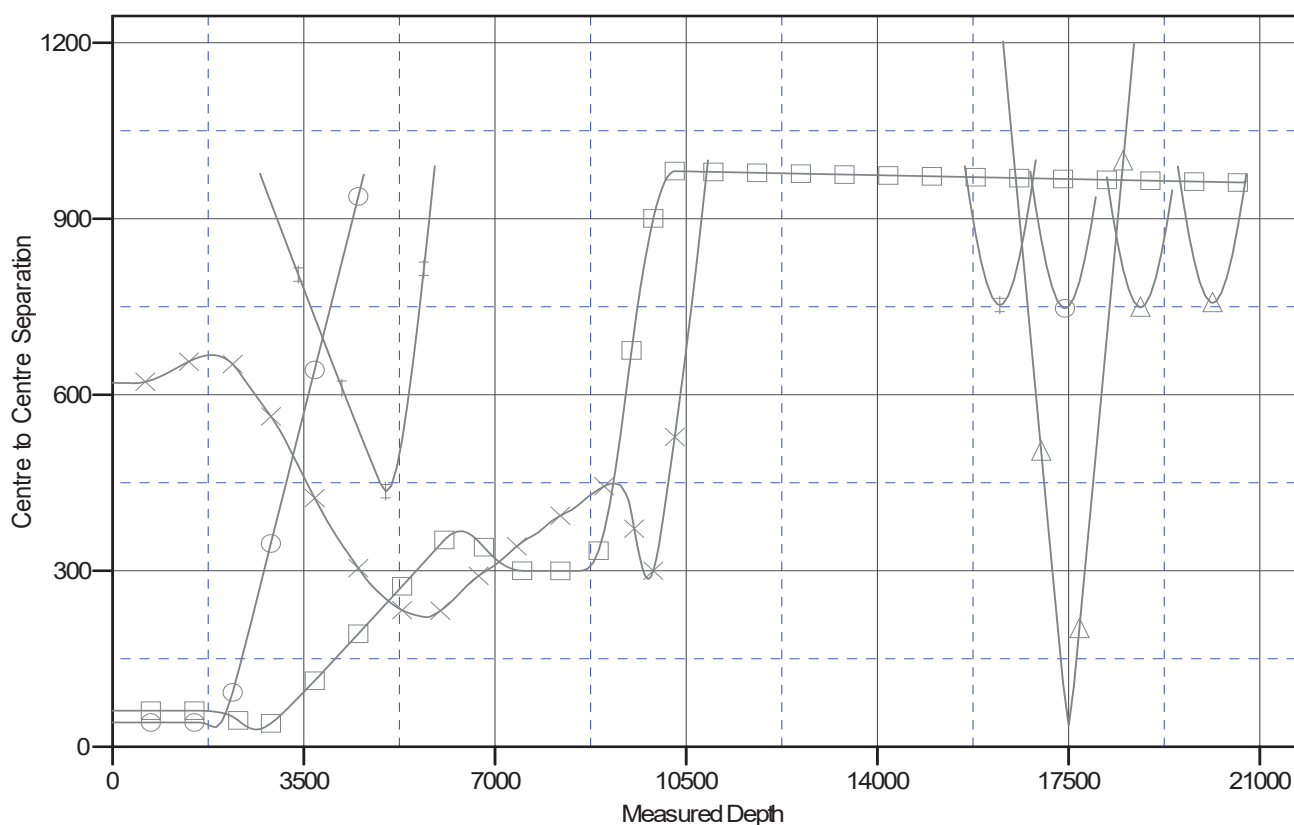
Offset Depths are relative to Offset Datum

Coordinate System is US State Plane 1983, New Mexico Eastern Zone

Central Meridian is 104° 19' 60.000000 W °

Grid Convergence at Surface is: 0.352°

Ladder Plot



LEGEND

CC - Min center to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Phoenix Anticollision Report



Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well Bel Air Fed Com 244H
Project:	Lea County, NM (Nad 83 NME)	TVD Reference:	RKB @ 3752.30usft (Scandrill Star)
Reference Site:	Bel Air Fed Com	MD Reference:	RKB @ 3752.30usft (Scandrill Star)
Site Error:	0.00	North Reference:	Grid
Reference Well:	Bel Air Fed Com 244H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	USAEDMDB
Reference Design:	Plan 1 08-04-23	Offset TVD Reference:	Offset Datum

Reference Depths are relative to RKB @ 3752.30usft (Scandrill Star)

Offset Depths are relative to Offset Datum

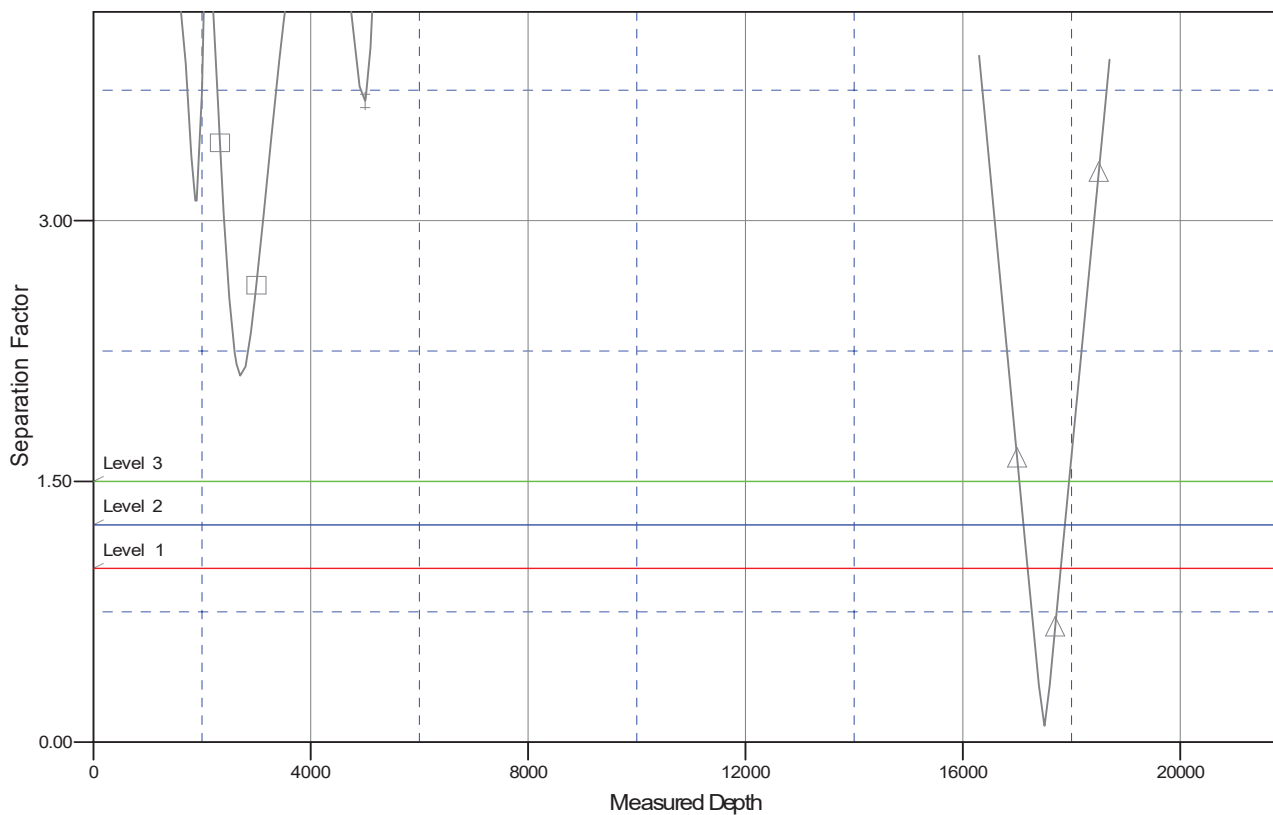
Central Meridian is 104° 19' 60.000000 W °

Coordinates are relative to: Bel Air Fed Com 244H

Coordinate System is US State Plane 1983, New Mexico Eastern Zone

Grid Convergence at Surface is: 0.352°

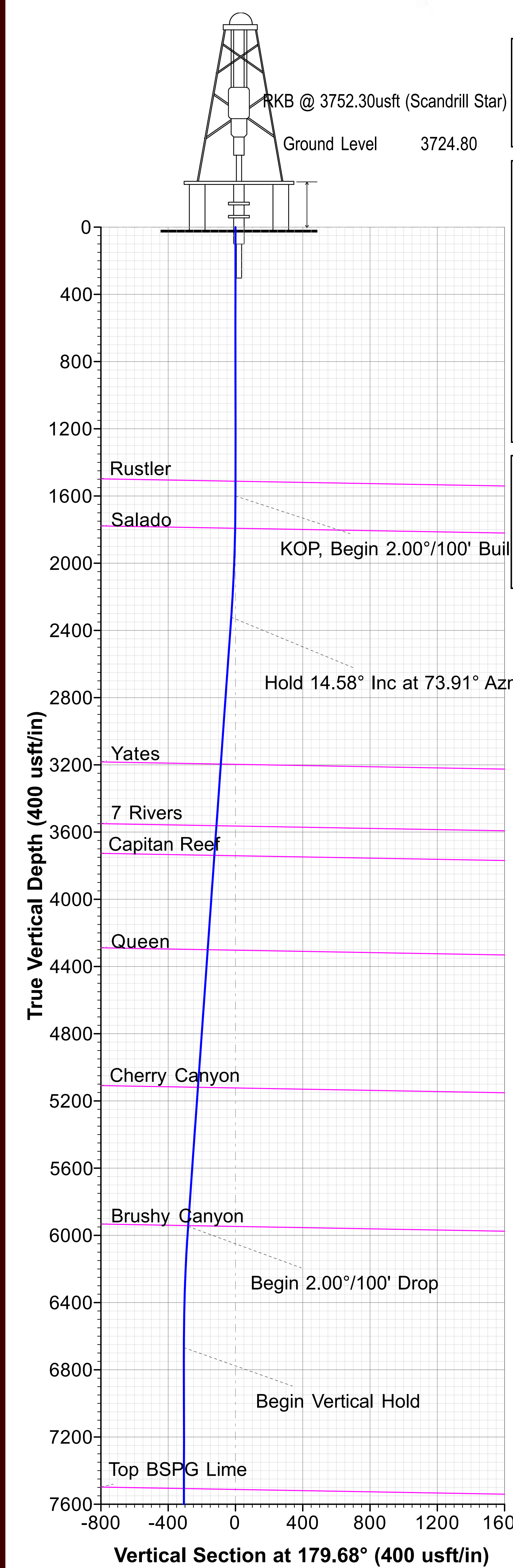
Separation Factor Plot



LEGEND

DeLorean 9-10F ed Com 2BS 7H, OH, Plan1 12-06-22 V0	Eland 32 18 33RN State Com 124H, OH, Surveys V0	Bel-Air 5-8 Fed 1BS Com 4H, OH, Plan 2 9-02-22 V0
Jones Federal002, OH, Assumed Inc Only Surveys V0	Nellis C Federal Gas Com 1, OH, Inc Only Surveys V0	Bel-Air 5-8 Fed 1BS Com 3H, OH, Plan 2 9-02-22 V0
DeLorean 9-10F ed Com 2BS 5H, OH, Plan1 12-06-22 V0	DeLorean 9-10F ed Com 2BS 6H, OH, Plan1 12-06-22 V0	DeLorean 9-10F ed Com 2BS 8H, OH, Plan 1 12-06-22 V0

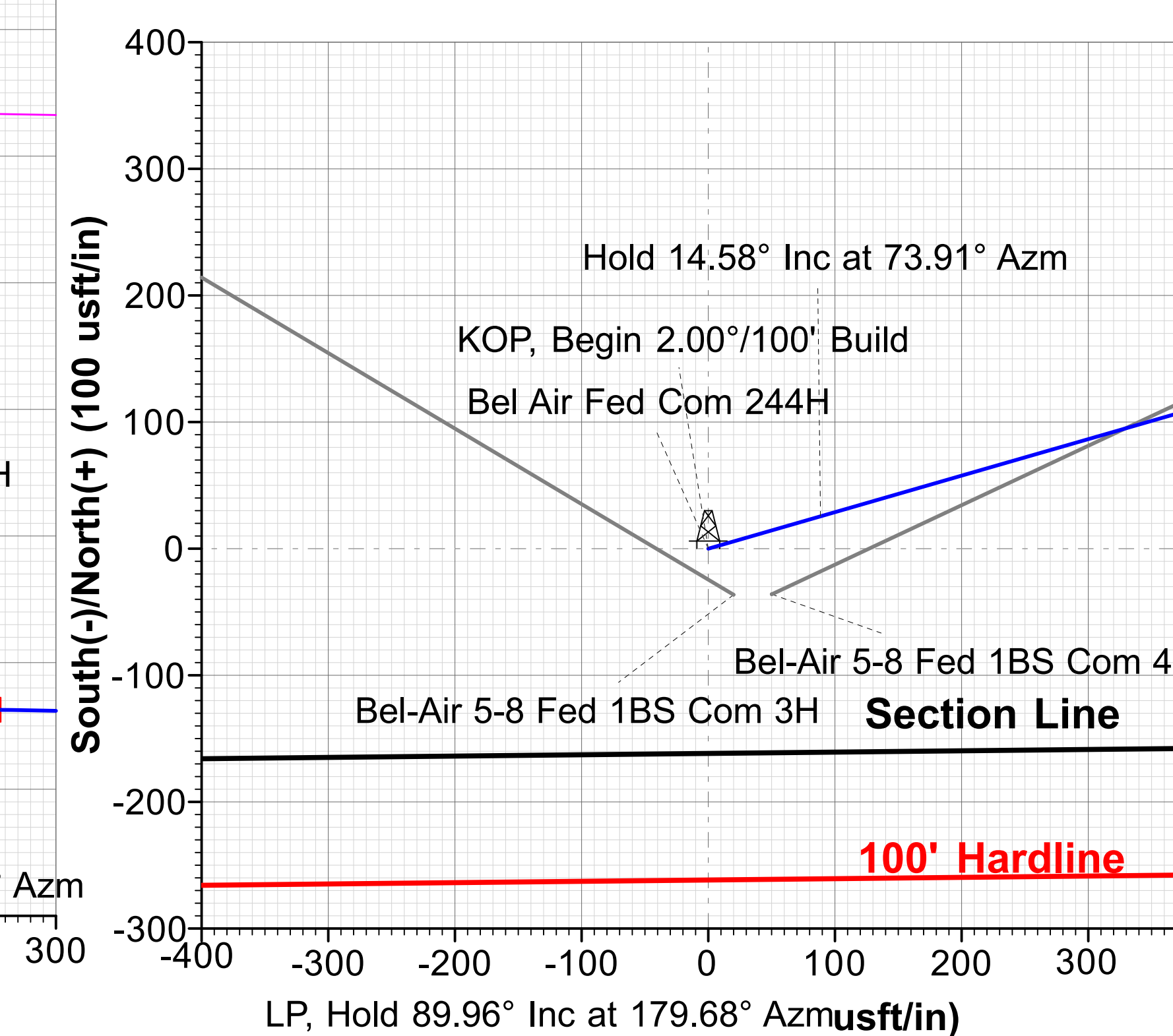
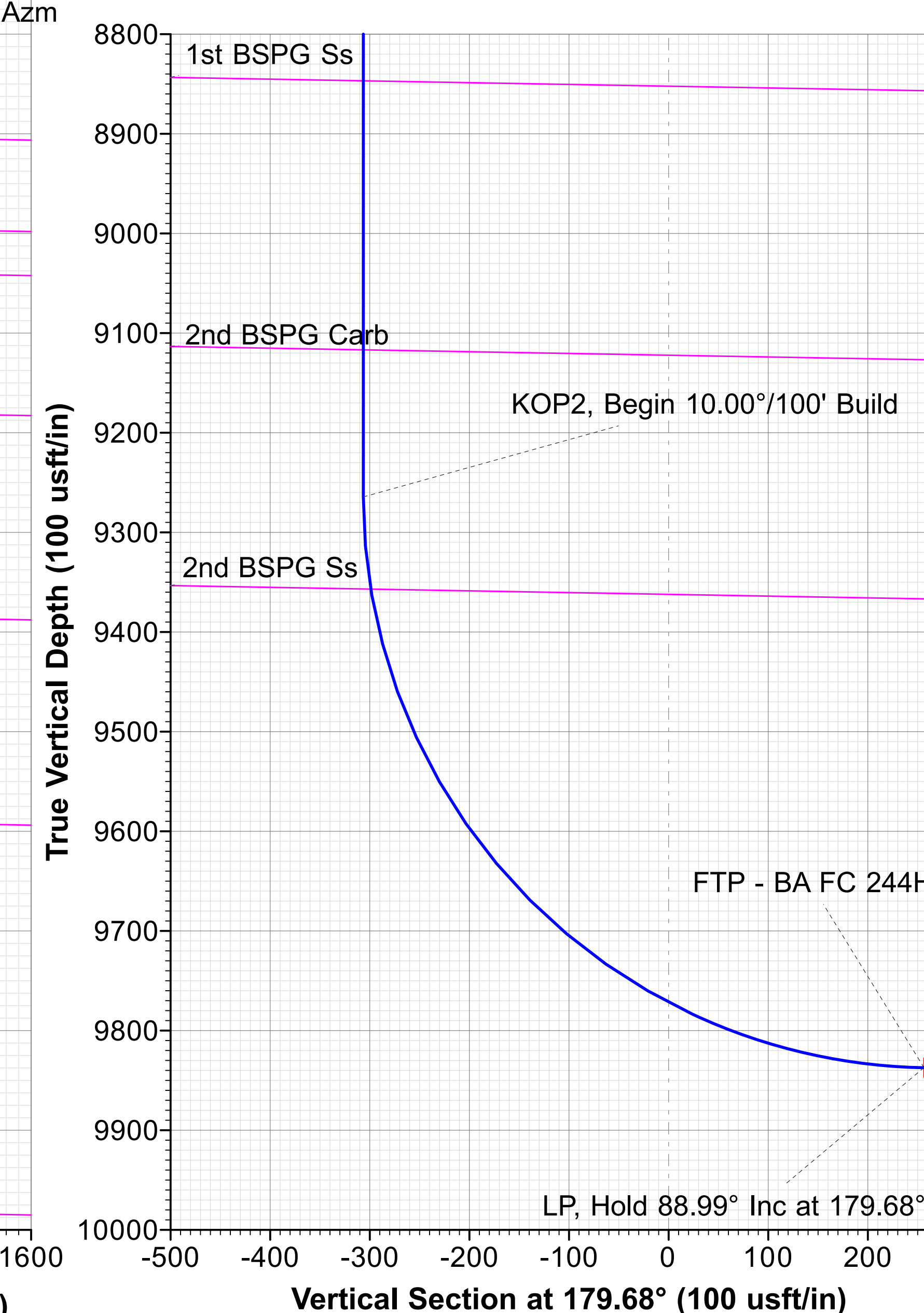
CC - Min center to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



WELL DETAILS											
		Ground Level		3724.80				Latitude		Longitude	
+N-S		+E-W		Northing		Easting		32° 41' 49.725494 N		103° 40' 55.693707 W	
0.00		0.00		617967.95		741660.06					
SECTION DETAILS											
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	VSec	Target	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00		
2	1600.00	0.00	0.00	1600.00	0.00	0.00	0.00	0.000	0.00		KOP, Begin 2.00°/100' Build
3	2329.10	14.58	73.91	2321.25	25.57	88.66	2.00	73.910	-25.08		Hold 14.58° Inc at 73.91° Azm
4	6075.52	14.58	73.91	5947.00	286.98	994.93	0.00	0.000	-281.42		Begin 2.00°/100' Drop
5	6804.62	0.00	0.00	6668.25	312.56	1083.60	2.00	180.000	-306.50		Begin Vertical Hold
6	9400.80	0.00	0.00	9264.43	312.56	1083.60	0.00	0.000	-306.50		KOP2, Begin 10.00°/100' Build
7	10290.70	88.99	179.68	9837.30	-250.29	1086.73	10.00	179.681	256.36	FTP - BA FC 244H	LP, Hold 88.99° Inc at 179.68° Azm
8	20754.27	88.99	179.68	10021.80	-10712.07	1144.96	0.00	0.000	10718.30	BHL - BA FC 244H	TD at 20754.27

DESIGN TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
LTP - BA FC 244H	1021.80	-10662.08	1144.69	607305.87	742804.75	32° 40' 4.157720 N	103° 40' 43.068425 W
FTP - BA FC 244H	9837.30	-250.29	1086.73	617717.66	742746.79	32° 41' 47.182756 N	103° 40' 42.994874 W
BHL - BA FC 244H	10021.80	-10712.07	1144.96	607255.88	742805.02	32° 40' 3.663067 N	103° 40' 43.068874 W

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
1512.30	1512.30	Rustle
1792.27	1792.41	Salad
3195.77	3232.72	Yates
3562.31	3611.46	7 River
3739.09	3794.13	Capitan Reef
4300.39	4374.11	Queen
5119.37	5220.35	Cherry Canyon
5942.34	6070.71	Brushy Canyon
7506.90	7643.27	Top BSPG Lime
8846.90	8983.27	1st BSPG S
9116.90	9253.27	2nd BSPG Car
9357.03	9493.81	2nd BSPG S



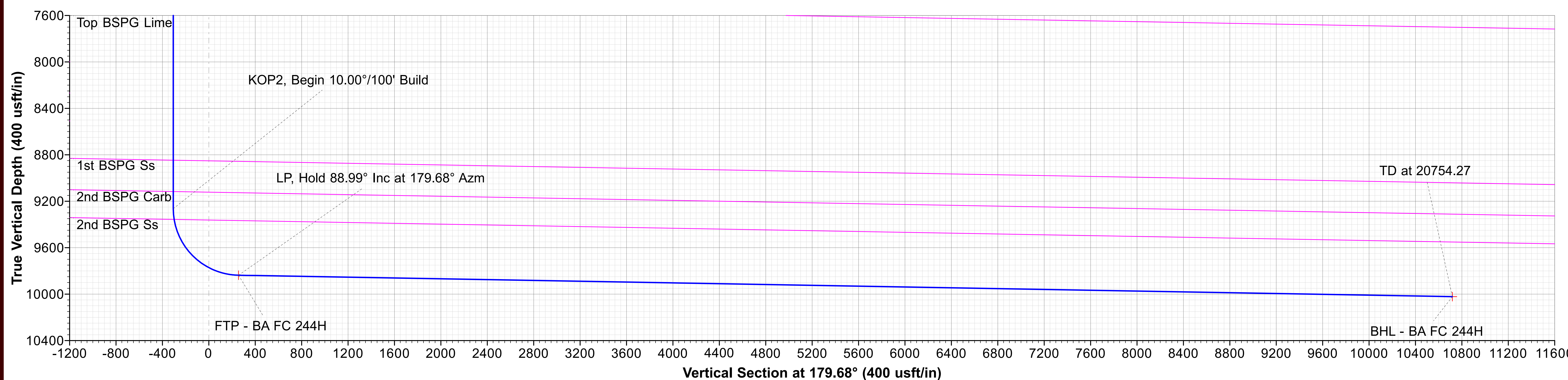
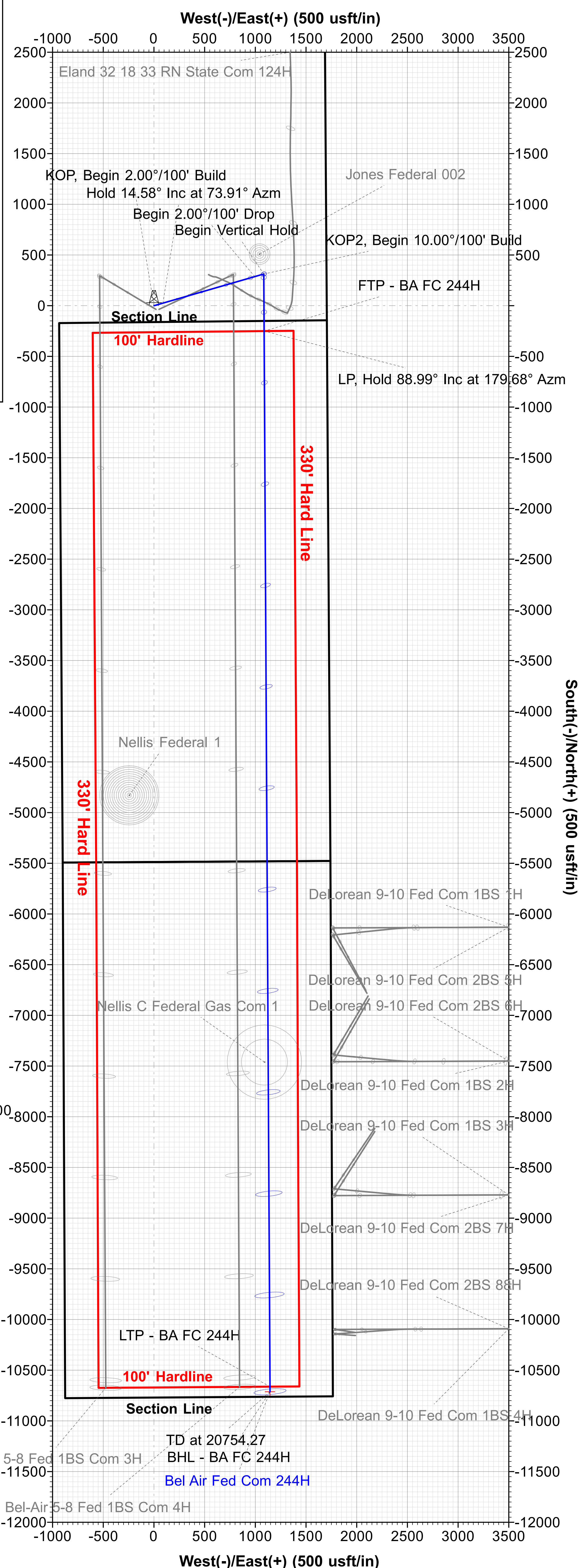
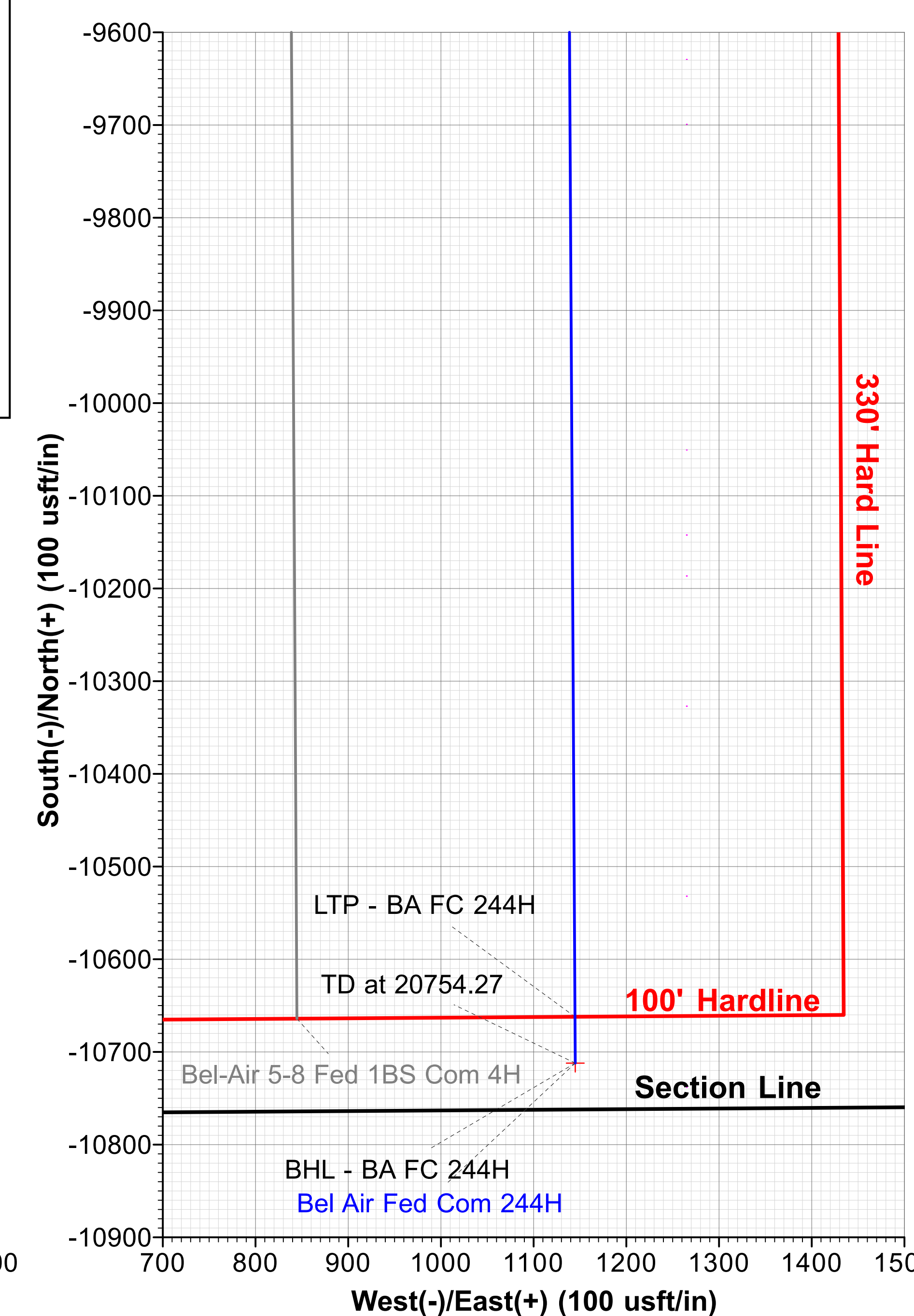
Map System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone Name: New Mexico Eastern Zone
Local Origin: Well Bel Air Fed Com 244H, Grid North

Latitude: 32° 41' 49.725494 N
Longitude: 103° 40' 55.693707 W

Grid East:741660.06
Grid North:617967.95
Scale Factor: 1.000

Geomagnetic Model: MVHD
Sample Date: 03-Oct-23
Magnetic Declination: 6.307°
Dip Angle from Horizontal: 60.515°
Magnetic Field Strength: 47726.97815402nT

To convert a Magnetic Direction to a Grid Direction, Add 5.955°
 To convert a Magnetic Direction to a True Direction, Add 6.307° East
 To convert a True Direction to a Grid Direction, Subtract 0.352°





Earthstone Operating, LLC

Lea County, NM (Nad 83 NME)

Bel Air Fed Com

Bel Air Fed Com 244H

OH

Plan: Plan 1 08-04-23

Standard Planning Report

04 August, 2023





Phoenix Planning Report



Database:	USAEDMDB	Local Co-ordinate Reference:	Well Bel Air Fed Com 244H
Company:	Earthstone Operating, LLC	TVD Reference:	RKB @ 3752.30usft (Scandril Star)
Project:	Lea County, NM (Nad 83 NME)	MD Reference:	RKB @ 3752.30usft (Scandril Star)
Site:	Bel Air Fed Com	North Reference:	Grid
Well:	Bel Air Fed Com 244H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1 08-04-23		

Project	Lea County, NM (Nad 83 NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site		Bel Air Fed Com			
Site Position: From: Position Uncertainty:	Map	Northing:	617,967.95 usft	Latitude:	32° 41' 49.725494 N
		Easting:	741,660.06 usft	Longitude:	103° 40' 55.693707 W
		Slot Radius:	13-3/16 "		

Well	Bel Air Fed Com 244H					
Well Position	+N/-S	0.00 usft	Northing:	617,967.95 usft	Latitude:	32° 41' 49.725494 N
	+E/-W	0.00 usft	Easting:	741,660.06 usft	Longitude:	103° 40' 55.693707 W
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,724.80 usft
Grid Convergence:	0.352 °					

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	MVHD	10/03/23	6.307	60.515	47,726.97815402

Design	Plan 1 08-04-23				
Audit Notes:					
Version:		Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	179.68	

Plan Survey Tool Program	Date	8/04/23			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.00	20,754.27	Plan 1 08-04-23 (OH)	MWD+HRGM	
				OWSG MWD + HRGM	

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	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000		
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.000		
2,329.10	14.58	73.91	2,321.25	25.57	88.66	2.00	2.00	0.00	73.910		
6,075.52	14.58	73.91	5,947.00	286.98	994.93	0.00	0.00	0.00	0.000		
6,804.62	0.00	0.00	6,668.25	312.56	1,083.60	2.00	-2.00	0.00	180.000		
9,400.80	0.00	0.00	9,264.43	312.56	1,083.60	0.00	0.00	0.00	0.000		
10,290.70	88.99	179.68	9,837.30	-250.29	1,086.73	10.00	10.00	0.00	179.681	FTP - BA FC 244H	
20,754.27	88.99	179.68	10,021.80	-10,712.07	1,144.96	0.00	0.00	0.00	0.000	BHL - BA FC 244H	



Phoenix Planning Report



Database:	USAEDMDB	Local Co-ordinate Reference:	Well Bel Air Fed Com 244H
Company:	Earthstone Operating, LLC	TVD Reference:	RKB @ 3752.30usft (Scandrill Star)
Project:	Lea County, NM (Nad 83 NME)	MD Reference:	RKB @ 3752.30usft (Scandrill Star)
Site:	Bel Air Fed Com	North Reference:	Grid
Well:	Bel Air Fed Com 244H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1 08-04-23		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,512.30	0.00	0.00	1,512.30	0.00	0.00	0.00	0.00	0.00	0.00
Rustler									
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
KOP, Begin 2.00°/100' Build									
1,700.00	2.00	73.91	1,699.98	0.48	1.68	-0.47	2.00	2.00	0.00
1,792.41	3.85	73.91	1,792.27	1.79	6.21	-1.76	2.00	2.00	0.00
Salado									
1,800.00	4.00	73.91	1,799.84	1.93	6.71	-1.90	2.00	2.00	0.00
1,900.00	6.00	73.91	1,899.45	4.35	15.08	-4.27	2.00	2.00	0.00
2,000.00	8.00	73.91	1,998.70	7.73	26.79	-7.58	2.00	2.00	0.00
2,100.00	10.00	73.91	2,097.47	12.06	41.82	-11.83	2.00	2.00	0.00
2,200.00	12.00	73.91	2,195.62	17.35	60.15	-17.01	2.00	2.00	0.00
2,300.00	14.00	73.91	2,293.06	23.58	81.76	-23.13	2.00	2.00	0.00
2,329.10	14.58	73.91	2,321.25	25.57	88.66	-25.08	2.00	2.00	0.00
Hold 14.58° Inc at 73.91° Azm									
2,400.00	14.58	73.91	2,389.87	30.52	105.82	-29.93	0.00	0.00	0.00
2,500.00	14.58	73.91	2,486.65	37.50	130.01	-36.77	0.00	0.00	0.00
2,600.00	14.58	73.91	2,583.43	44.48	154.20	-43.61	0.00	0.00	0.00
2,700.00	14.58	73.91	2,680.21	51.45	178.39	-50.46	0.00	0.00	0.00
2,800.00	14.58	73.91	2,776.99	58.43	202.58	-57.30	0.00	0.00	0.00
2,900.00	14.58	73.91	2,873.77	65.41	226.77	-64.14	0.00	0.00	0.00
3,000.00	14.58	73.91	2,970.54	72.39	250.96	-70.98	0.00	0.00	0.00
3,100.00	14.58	73.91	3,067.32	79.36	275.15	-77.83	0.00	0.00	0.00
3,200.00	14.58	73.91	3,164.10	86.34	299.34	-84.67	0.00	0.00	0.00
3,232.72	14.58	73.91	3,195.77	88.62	307.25	-86.91	0.00	0.00	0.00
Yates									
3,300.00	14.58	73.91	3,260.88	93.32	323.53	-91.51	0.00	0.00	0.00
3,400.00	14.58	73.91	3,357.66	100.30	347.72	-98.35	0.00	0.00	0.00
3,500.00	14.58	73.91	3,454.44	107.27	371.91	-105.20	0.00	0.00	0.00
3,600.00	14.58	73.91	3,551.22	114.25	396.10	-112.04	0.00	0.00	0.00
3,611.46	14.58	73.91	3,562.31	115.05	398.87	-112.82	0.00	0.00	0.00
7 Rivers									
3,700.00	14.58	73.91	3,648.00	121.23	420.29	-118.88	0.00	0.00	0.00
3,794.13	14.58	73.91	3,739.09	127.80	443.06	-125.32	0.00	0.00	0.00
Capitan Reef									
3,800.00	14.58	73.91	3,744.77	128.21	444.48	-125.72	0.00	0.00	0.00
3,900.00	14.58	73.91	3,841.55	135.18	468.67	-132.56	0.00	0.00	0.00
4,000.00	14.58	73.91	3,938.33	142.16	492.86	-139.41	0.00	0.00	0.00
4,100.00	14.58	73.91	4,035.11	149.14	517.05	-146.25	0.00	0.00	0.00
4,200.00	14.58	73.91	4,131.89	156.12	541.24	-153.09	0.00	0.00	0.00
4,300.00	14.58	73.91	4,228.67	163.09	565.43	-159.93	0.00	0.00	0.00
4,374.11	14.58	73.91	4,300.39	168.27	583.36	-165.00	0.00	0.00	0.00
Queen									
4,400.00	14.58	73.91	4,325.45	170.07	589.62	-166.78	0.00	0.00	0.00
4,500.00	14.58	73.91	4,422.23	177.05	613.81	-173.62	0.00	0.00	0.00
4,600.00	14.58	73.91	4,519.01	184.03	638.00	-180.46	0.00	0.00	0.00
4,700.00	14.58	73.91	4,615.78	191.00	662.19	-187.30	0.00	0.00	0.00
4,800.00	14.58	73.91	4,712.56	197.98	686.38	-194.15	0.00	0.00	0.00
4,900.00	14.58	73.91	4,809.34	204.96	710.57	-200.99	0.00	0.00	0.00
5,000.00	14.58	73.91	4,906.12	211.94	734.76	-207.83	0.00	0.00	0.00
5,100.00	14.58	73.91	5,002.90	218.91	758.95	-214.67	0.00	0.00	0.00
5,200.00	14.58	73.91	5,099.68	225.89	783.14	-221.51	0.00	0.00	0.00



Phoenix Planning Report



Database:	USAEDMDB	Local Co-ordinate Reference:	Well Bel Air Fed Com 244H
Company:	Earthstone Operating, LLC	TVD Reference:	RKB @ 3752.30usft (Scandril Star)
Project:	Lea County, NM (Nad 83 NME)	MD Reference:	RKB @ 3752.30usft (Scandril Star)
Site:	Bel Air Fed Com	North Reference:	Grid
Well:	Bel Air Fed Com 244H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1 08-04-23		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,220.35	14.58	73.91	5,119.37	227.31	788.06	-222.91	0.00	0.00	0.00
Cherry Canyon									
5,300.00	14.58	73.91	5,196.46	232.87	807.33	-228.36	0.00	0.00	0.00
5,400.00	14.58	73.91	5,293.24	239.85	831.52	-235.20	0.00	0.00	0.00
5,500.00	14.58	73.91	5,390.02	246.82	855.71	-242.04	0.00	0.00	0.00
5,600.00	14.58	73.91	5,486.79	253.80	879.90	-248.88	0.00	0.00	0.00
5,700.00	14.58	73.91	5,583.57	260.78	904.09	-255.73	0.00	0.00	0.00
5,800.00	14.58	73.91	5,680.35	267.76	928.28	-262.57	0.00	0.00	0.00
5,900.00	14.58	73.91	5,777.13	274.73	952.47	-269.41	0.00	0.00	0.00
6,000.00	14.58	73.91	5,873.91	281.71	976.66	-276.25	0.00	0.00	0.00
6,070.71	14.58	73.91	5,942.34	286.65	993.77	-281.09	0.00	0.00	0.00
Brushy Canyon									
6,075.52	14.58	73.91	5,947.00	286.98	994.93	-281.42	0.00	0.00	0.00
Begin 2.00°/100' Drop									
6,100.00	14.09	73.91	5,970.71	288.66	1,000.76	-283.07	2.00	-2.00	0.00
6,200.00	12.09	73.91	6,068.11	294.94	1,022.52	-289.22	2.00	-2.00	0.00
6,300.00	10.09	73.91	6,166.24	300.27	1,041.01	-294.45	2.00	-2.00	0.00
6,400.00	8.09	73.91	6,264.98	304.65	1,056.19	-298.75	2.00	-2.00	0.00
6,500.00	6.09	73.91	6,364.21	308.07	1,068.05	-302.10	2.00	-2.00	0.00
6,600.00	4.09	73.91	6,463.81	310.53	1,076.58	-304.51	2.00	-2.00	0.00
6,700.00	2.09	73.91	6,563.65	312.03	1,081.76	-305.98	2.00	-2.00	0.00
6,800.00	0.09	73.91	6,663.63	312.56	1,083.59	-306.50	2.00	-2.00	0.00
6,804.62	0.00	0.00	6,668.25	312.56	1,083.60	-306.50	2.00	-2.00	0.00
Begin Vertical Hold									
7,643.27	0.00	0.00	7,506.90	312.56	1,083.60	-306.50	0.00	0.00	0.00
Top BSPG Lime									
8,983.27	0.00	0.00	8,846.90	312.56	1,083.60	-306.50	0.00	0.00	0.00
1st BSPG Ss									
9,253.27	0.00	0.00	9,116.90	312.56	1,083.60	-306.50	0.00	0.00	0.00
2nd BSPG Carb									
9,400.80	0.00	0.00	9,264.43	312.56	1,083.60	-306.50	0.00	0.00	0.00
KOP2, Begin 10.00°/100' Build									
9,493.81	9.30	179.68	9,357.03	305.02	1,083.64	-298.97	10.00	10.00	0.00
2nd BSPG Ss									
9,500.00	9.92	179.68	9,363.14	303.99	1,083.64	-297.93	10.00	10.00	0.00
9,600.00	19.92	179.68	9,459.64	278.28	1,083.79	-272.22	10.00	10.00	0.00
9,700.00	29.92	179.68	9,550.22	236.20	1,084.02	-230.14	10.00	10.00	0.00
9,800.00	39.92	179.68	9,632.11	179.03	1,084.34	-172.97	10.00	10.00	0.00
9,900.00	49.92	179.68	9,702.83	108.50	1,084.73	-102.44	10.00	10.00	0.00
10,000.00	59.92	179.68	9,760.23	26.77	1,085.19	-20.71	10.00	10.00	0.00
10,100.00	69.92	179.68	9,802.56	-63.68	1,085.69	69.74	10.00	10.00	0.00
10,200.00	79.92	179.68	9,828.55	-160.11	1,086.23	166.18	10.00	10.00	0.00
10,290.70	88.99	179.68	9,837.30	-250.29	1,086.73	256.36	10.00	10.00	0.00
LP, Hold 88.99° Inc at 179.68° Azm									
10,300.00	88.99	179.68	9,837.46	-259.59	1,086.78	265.66	0.00	0.00	0.00
10,400.00	88.99	179.68	9,839.23	-359.57	1,087.34	365.64	0.00	0.00	0.00
10,500.00	88.99	179.68	9,840.99	-459.56	1,087.89	465.63	0.00	0.00	0.00
10,600.00	88.99	179.68	9,842.75	-559.54	1,088.45	565.61	0.00	0.00	0.00
10,700.00	88.99	179.68	9,844.52	-659.52	1,089.01	665.60	0.00	0.00	0.00
10,800.00	88.99	179.68	9,846.28	-759.51	1,089.56	765.58	0.00	0.00	0.00
10,900.00	88.99	179.68	9,848.04	-859.49	1,090.12	865.56	0.00	0.00	0.00
11,000.00	88.99	179.68	9,849.81	-959.47	1,090.68	965.55	0.00	0.00	0.00
11,100.00	88.99	179.68	9,851.57	-1,059.46	1,091.23	1,065.53	0.00	0.00	0.00



Phoenix Planning Report



Database:	USAEDMDB	Local Co-ordinate Reference:	Well Bel Air Fed Com 244H
Company:	Earthstone Operating, LLC	TVD Reference:	RKB @ 3752.30usft (Scandril Star)
Project:	Lea County, NM (Nad 83 NME)	MD Reference:	RKB @ 3752.30usft (Scandril Star)
Site:	Bel Air Fed Com	North Reference:	Grid
Well:	Bel Air Fed Com 244H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1 08-04-23		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
11,200.00	88.99	179.68	9,853.33	-1,159.44	1,091.79	1,165.52	0.00	0.00	0.00
11,300.00	88.99	179.68	9,855.10	-1,259.42	1,092.35	1,265.50	0.00	0.00	0.00
11,400.00	88.99	179.68	9,856.86	-1,359.40	1,092.90	1,365.49	0.00	0.00	0.00
11,500.00	88.99	179.68	9,858.62	-1,459.39	1,093.46	1,465.47	0.00	0.00	0.00
11,600.00	88.99	179.68	9,860.39	-1,559.37	1,094.02	1,565.46	0.00	0.00	0.00
11,700.00	88.99	179.68	9,862.15	-1,659.35	1,094.57	1,665.44	0.00	0.00	0.00
11,800.00	88.99	179.68	9,863.91	-1,759.34	1,095.13	1,765.42	0.00	0.00	0.00
11,900.00	88.99	179.68	9,865.68	-1,859.32	1,095.69	1,865.41	0.00	0.00	0.00
12,000.00	88.99	179.68	9,867.44	-1,959.30	1,096.24	1,965.39	0.00	0.00	0.00
12,100.00	88.99	179.68	9,869.20	-2,059.28	1,096.80	2,065.38	0.00	0.00	0.00
12,200.00	88.99	179.68	9,870.97	-2,159.27	1,097.36	2,165.36	0.00	0.00	0.00
12,300.00	88.99	179.68	9,872.73	-2,259.25	1,097.91	2,265.35	0.00	0.00	0.00
12,400.00	88.99	179.68	9,874.49	-2,359.23	1,098.47	2,365.33	0.00	0.00	0.00
12,500.00	88.99	179.68	9,876.26	-2,459.22	1,099.02	2,465.32	0.00	0.00	0.00
12,600.00	88.99	179.68	9,878.02	-2,559.20	1,099.58	2,565.30	0.00	0.00	0.00
12,700.00	88.99	179.68	9,879.78	-2,659.18	1,100.14	2,665.28	0.00	0.00	0.00
12,800.00	88.99	179.68	9,881.55	-2,759.16	1,100.69	2,765.27	0.00	0.00	0.00
12,900.00	88.99	179.68	9,883.31	-2,859.15	1,101.25	2,865.25	0.00	0.00	0.00
13,000.00	88.99	179.68	9,885.07	-2,959.13	1,101.81	2,965.24	0.00	0.00	0.00
13,100.00	88.99	179.68	9,886.84	-3,059.11	1,102.36	3,065.22	0.00	0.00	0.00
13,200.00	88.99	179.68	9,888.60	-3,159.10	1,102.92	3,165.21	0.00	0.00	0.00
13,300.00	88.99	179.68	9,890.36	-3,259.08	1,103.48	3,265.19	0.00	0.00	0.00
13,400.00	88.99	179.68	9,892.13	-3,359.06	1,104.03	3,365.18	0.00	0.00	0.00
13,500.00	88.99	179.68	9,893.89	-3,459.04	1,104.59	3,465.16	0.00	0.00	0.00
13,600.00	88.99	179.68	9,895.65	-3,559.03	1,105.15	3,565.14	0.00	0.00	0.00
13,700.00	88.99	179.68	9,897.42	-3,659.01	1,105.70	3,665.13	0.00	0.00	0.00
13,800.00	88.99	179.68	9,899.18	-3,758.99	1,106.26	3,765.11	0.00	0.00	0.00
13,900.00	88.99	179.68	9,900.94	-3,858.98	1,106.82	3,865.10	0.00	0.00	0.00
14,000.00	88.99	179.68	9,902.70	-3,958.96	1,107.37	3,965.08	0.00	0.00	0.00
14,100.00	88.99	179.68	9,904.47	-4,058.94	1,107.93	4,065.07	0.00	0.00	0.00
14,200.00	88.99	179.68	9,906.23	-4,158.93	1,108.49	4,165.05	0.00	0.00	0.00
14,300.00	88.99	179.68	9,907.99	-4,258.91	1,109.04	4,265.04	0.00	0.00	0.00
14,400.00	88.99	179.68	9,909.76	-4,358.89	1,109.60	4,365.02	0.00	0.00	0.00
14,500.00	88.99	179.68	9,911.52	-4,458.87	1,110.15	4,465.00	0.00	0.00	0.00
14,600.00	88.99	179.68	9,913.28	-4,558.86	1,110.71	4,564.99	0.00	0.00	0.00
14,700.00	88.99	179.68	9,915.05	-4,658.84	1,111.27	4,664.97	0.00	0.00	0.00
14,800.00	88.99	179.68	9,916.81	-4,758.82	1,111.82	4,764.96	0.00	0.00	0.00
14,900.00	88.99	179.68	9,918.57	-4,858.81	1,112.38	4,864.94	0.00	0.00	0.00
15,000.00	88.99	179.68	9,920.34	-4,958.79	1,112.94	4,964.93	0.00	0.00	0.00
15,100.00	88.99	179.68	9,922.10	-5,058.77	1,113.49	5,064.91	0.00	0.00	0.00
15,200.00	88.99	179.68	9,923.86	-5,158.75	1,114.05	5,164.90	0.00	0.00	0.00
15,300.00	88.99	179.68	9,925.63	-5,258.74	1,114.61	5,264.88	0.00	0.00	0.00
15,400.00	88.99	179.68	9,927.39	-5,358.72	1,115.16	5,364.86	0.00	0.00	0.00
15,500.00	88.99	179.68	9,929.15	-5,458.70	1,115.72	5,464.85	0.00	0.00	0.00
15,600.00	88.99	179.68	9,930.92	-5,558.69	1,116.28	5,564.83	0.00	0.00	0.00
15,700.00	88.99	179.68	9,932.68	-5,658.67	1,116.83	5,664.82	0.00	0.00	0.00
15,800.00	88.99	179.68	9,934.44	-5,758.65	1,117.39	5,764.80	0.00	0.00	0.00
15,900.00	88.99	179.68	9,936.21	-5,858.63	1,117.95	5,864.79	0.00	0.00	0.00
16,000.00	88.99	179.68	9,937.97	-5,958.62	1,118.50	5,964.77	0.00	0.00	0.00
16,100.00	88.99	179.68	9,939.73	-6,058.60	1,119.06	6,064.76	0.00	0.00	0.00
16,200.00	88.99	179.68	9,941.50	-6,158.58	1,119.62	6,164.74	0.00	0.00	0.00
16,300.00	88.99	179.68	9,943.26	-6,258.57	1,120.17	6,264.72	0.00	0.00	0.00
16,400.00	88.99	179.68	9,945.02	-6,358.55	1,120.73	6,364.71	0.00	0.00	0.00
16,500.00	88.99	179.68	9,946.79	-6,458.53	1,121.28	6,464.69	0.00	0.00	0.00



Phoenix Planning Report



Database:	USAEDMDB	Local Co-ordinate Reference:	Well Bel Air Fed Com 244H
Company:	Earthstone Operating, LLC	TVD Reference:	RKB @ 3752.30usft (Scandril Star)
Project:	Lea County, NM (Nad 83 NME)	MD Reference:	RKB @ 3752.30usft (Scandril Star)
Site:	Bel Air Fed Com	North Reference:	Grid
Well:	Bel Air Fed Com 244H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1 08-04-23		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
16,600.00	88.99	179.68	9,948.55	-6,558.52	1,121.84	6,564.68	0.00	0.00	0.00
16,700.00	88.99	179.68	9,950.31	-6,658.50	1,122.40	6,664.66	0.00	0.00	0.00
16,800.00	88.99	179.68	9,952.08	-6,758.48	1,122.95	6,764.65	0.00	0.00	0.00
16,900.00	88.99	179.68	9,953.84	-6,858.46	1,123.51	6,864.63	0.00	0.00	0.00
17,000.00	88.99	179.68	9,955.60	-6,958.45	1,124.07	6,964.62	0.00	0.00	0.00
17,100.00	88.99	179.68	9,957.37	-7,058.43	1,124.62	7,064.60	0.00	0.00	0.00
17,200.00	88.99	179.68	9,959.13	-7,158.41	1,125.18	7,164.59	0.00	0.00	0.00
17,300.00	88.99	179.68	9,960.89	-7,258.40	1,125.74	7,264.57	0.00	0.00	0.00
17,400.00	88.99	179.68	9,962.66	-7,358.38	1,126.29	7,364.55	0.00	0.00	0.00
17,500.00	88.99	179.68	9,964.42	-7,458.36	1,126.85	7,464.54	0.00	0.00	0.00
17,600.00	88.99	179.68	9,966.18	-7,558.34	1,127.41	7,564.52	0.00	0.00	0.00
17,700.00	88.99	179.68	9,967.95	-7,658.33	1,127.96	7,664.51	0.00	0.00	0.00
17,800.00	88.99	179.68	9,969.71	-7,758.31	1,128.52	7,764.49	0.00	0.00	0.00
17,900.00	88.99	179.68	9,971.47	-7,858.29	1,129.08	7,864.48	0.00	0.00	0.00
18,000.00	88.99	179.68	9,973.24	-7,958.28	1,129.63	7,964.46	0.00	0.00	0.00
18,100.00	88.99	179.68	9,975.00	-8,058.26	1,130.19	8,064.45	0.00	0.00	0.00
18,200.00	88.99	179.68	9,976.76	-8,158.24	1,130.75	8,164.43	0.00	0.00	0.00
18,300.00	88.99	179.68	9,978.53	-8,258.22	1,131.30	8,264.41	0.00	0.00	0.00
18,400.00	88.99	179.68	9,980.29	-8,358.21	1,131.86	8,364.40	0.00	0.00	0.00
18,500.00	88.99	179.68	9,982.05	-8,458.19	1,132.41	8,464.38	0.00	0.00	0.00
18,600.00	88.99	179.68	9,983.81	-8,558.17	1,132.97	8,564.37	0.00	0.00	0.00
18,700.00	88.99	179.68	9,985.58	-8,658.16	1,133.53	8,664.35	0.00	0.00	0.00
18,800.00	88.99	179.68	9,987.34	-8,758.14	1,134.08	8,764.34	0.00	0.00	0.00
18,900.00	88.99	179.68	9,989.10	-8,858.12	1,134.64	8,864.32	0.00	0.00	0.00
19,000.00	88.99	179.68	9,990.87	-8,958.10	1,135.20	8,964.31	0.00	0.00	0.00
19,100.00	88.99	179.68	9,992.63	-9,058.09	1,135.75	9,064.29	0.00	0.00	0.00
19,200.00	88.99	179.68	9,994.39	-9,158.07	1,136.31	9,164.27	0.00	0.00	0.00
19,300.00	88.99	179.68	9,996.16	-9,258.05	1,136.87	9,264.26	0.00	0.00	0.00
19,400.00	88.99	179.68	9,997.92	-9,358.04	1,137.42	9,364.24	0.00	0.00	0.00
19,500.00	88.99	179.68	9,999.68	-9,458.02	1,137.98	9,464.23	0.00	0.00	0.00
19,600.00	88.99	179.68	10,001.45	-9,558.00	1,138.54	9,564.21	0.00	0.00	0.00
19,700.00	88.99	179.68	10,003.21	-9,657.99	1,139.09	9,664.20	0.00	0.00	0.00
19,800.00	88.99	179.68	10,004.97	-9,757.97	1,139.65	9,764.18	0.00	0.00	0.00
19,900.00	88.99	179.68	10,006.74	-9,857.95	1,140.21	9,864.17	0.00	0.00	0.00
20,000.00	88.99	179.68	10,008.50	-9,957.93	1,140.76	9,964.15	0.00	0.00	0.00
20,100.00	88.99	179.68	10,010.26	-10,057.92	1,141.32	10,064.13	0.00	0.00	0.00
20,200.00	88.99	179.68	10,012.03	-10,157.90	1,141.88	10,164.12	0.00	0.00	0.00
20,300.00	88.99	179.68	10,013.79	-10,257.88	1,142.43	10,264.10	0.00	0.00	0.00
20,400.00	88.99	179.68	10,015.55	-10,357.87	1,142.99	10,364.09	0.00	0.00	0.00
20,500.00	88.99	179.68	10,017.32	-10,457.85	1,143.55	10,464.07	0.00	0.00	0.00
20,600.00	88.99	179.68	10,019.08	-10,557.83	1,144.10	10,564.06	0.00	0.00	0.00
20,700.00	88.99	179.68	10,020.84	-10,657.81	1,144.66	10,664.04	0.00	0.00	0.00
20,754.27	88.99	179.68	10,021.80	-10,712.07	1,144.96	10,718.30	0.00	0.00	0.00
TD at 20754.27									



Phoenix Planning Report



Database:	USAEDMDB	Local Co-ordinate Reference:	Well Bel Air Fed Com 244H
Company:	Earthstone Operating, LLC	TVD Reference:	RKB @ 3752.30usft (Scandriil Star)
Project:	Lea County, NM (Nad 83 NME)	MD Reference:	RKB @ 3752.30usft (Scandriil Star)
Site:	Bel Air Fed Com	North Reference:	Grid
Well:	Bel Air Fed Com 244H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1 08-04-23		

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)		
LTP - BA FC 244H	0.00	0.00	1,021.80	-10,662.08	1,144.69	607,305.87	742,804.75	32° 40' 4.157720 N	3° 40' 43.068425 W
- plan misses target center by 8997.72usft at 20545.59usft MD (10018.12 TVD, -10503.43 N, 1143.80 E)									
- Point									
FTP - BA FC 244H	0.00	0.00	9,837.30	-250.29	1,086.73	617,717.66	742,746.79	32° 41' 47.182756 N	3° 40' 42.994874 W
- plan hits target center									
- Point									
BHL - BA FC 244H	0.00	0.00	10,021.80	-10,712.07	1,144.96	607,255.88	742,805.02	32° 40' 3.663067 N	3° 40' 43.068874 W
- plan hits target center									
- Point									

Formations					
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,512.30	1,512.30	Rustler		1.010	179.68
1,792.41	1,792.27	Salado		1.010	179.68
3,232.72	3,195.77	Yates		1.010	179.68
3,611.46	3,562.31	7 Rivers		1.010	179.68
3,794.13	3,739.09	Capitan Reef		1.010	179.68
4,374.11	4,300.39	Queen		1.010	179.68
5,220.35	5,119.37	Cherry Canyon		1.010	179.68
6,070.71	5,942.34	Brushy Canyon		1.010	179.68
7,643.27	7,506.90	Top BSPG Lime		1.010	179.68
8,983.27	8,846.90	1st BSPG Ss		1.010	179.68
9,253.27	9,116.90	2nd BSPG Carb		1.010	179.68
9,493.81	9,357.03	2nd BSPG Ss		1.010	179.68

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1,600.00	1,600.00	0.00	0.00	KOP, Begin 2.00°/100' Build
2,329.10	2,321.25	25.57	88.66	Hold 14.58° Inc at 73.91° Azm
6,075.52	5,947.00	286.98	994.93	Begin 2.00°/100' Drop
6,804.62	6,668.25	312.56	1,083.60	Begin Vertical Hold
9,400.80	9,264.43	312.56	1,083.60	KOP2, Begin 10.00°/100' Build
10,290.70	9,837.30	-250.29	1,086.73	LP, Hold 88.99° Inc at 179.68° Azm
20,754.27	10,021.80	-10,712.07	1,144.96	TD at 20754.27

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 267462

CONDITIONS

Operator: Earthstone Operating, LLC 1400 Woodloch Forest; Ste 300 The Woodlands, TX 77380	OGRID: 331165
	Action Number: 267462
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	10/30/2023