

Well Name: BOND 32-34 FED COM	Well Location: T18S / R32E / SEC 32 / NESE / 32.701222 / -103.783858	County or Parish/State: LEA / NM
Well Number: 207H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM18232	Unit or CA Name:	Unit or CA Number:
US Well Number:	Operator: PBEX OPERATIONS LLC	

Notice of Intent

Sundry ID: 2894301

Type of Submission: Notice of Intent	Type of Action: APD Change
Date Sundry Submitted: 02/04/2026	Time Sundry Submitted: 09:23
Date proposed operation will begin: 02/07/2026	

Procedure Description: AFMSS APD Number: 10400103869 PBEX Operations, LLC requests to shift the lateral to avoid lease NMNM 96235.

NOI Attachments

Procedure Description

- Bond_32_34_Fed_Com_207H_Lateral_Move_Drilling_Changes_JS_20260317215326.pdf
- PPP_Change_Bond_207H_Lateral_Shift_20260204092329.pdf
- 24_041778_BOND_33_34_FED_COM__207H_C102_Lateral_Shift_Querch_Plains_20260204092323.pdf
- 24_041778_BOND_33_34_FED_COM__207H_C102_Lateral_Shift_Lusk_20260204092318.pdf
- Plan_3_WM__01__Bond_33_34_FED_COM_207H_20260204092309.pdf
- Plan_3_AC__01__Bond_33_34_FED_COM_207H_20260204092304.pdf
- Plan_3__01__Bond_33_34_FED_COM_207H_20260204092257.pdf

Well Name: BOND 32-34 FED COM

Well Location: T18S / R32E / SEC 32 / NESE / 32.701222 / -103.783858

County or Parish/State: LEA / NM

Well Number: 207H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM18232

Unit or CA Name:

Unit or CA Number:

US Well Number:

Operator: PBEX OPERATIONS 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: MIKAH THOMAS

Signed on: MAR 17, 2026 09:53 PM

Name: PBEX OPERATIONS LLC

Title: Regulatory Manager

Street Address: 223 WEST WALL STREET STE 900

City: MIDLAND

State: TX

Phone: (432) 661-7106

Email address: MIKAH@PBEX.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: LONG VO

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5759885402

BLM POC Email Address: LVO@BLM.GOV

Disposition: Approved

Disposition Date: 03/24/2026

Signature: Long Vo

Form 3160-5
(October 2024)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0220
Expires: October 31, 2027

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

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
☐ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

3a. Address 3b. Phone No. (include area code)

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.

9. API Well No.

10. Field and Pool or Exploratory Area

11. Country or Parish, State

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off	
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity	
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other	
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon		
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal		

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

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

Title

Signature

Date

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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

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

Location of Well

0. SHL: NESE / 1625 FSL / 1221 FEL / TWSP: 18S / RANGE: 32E / SECTION: 32 / LAT: 32.701222 / LONG: -103.783858 (TVD: 0 feet, MD: 0 feet)

PPP: NWSW / 1631 FSL / 100 FWL / TWSP: 18S / RANGE: 32E / SECTION: 33 / LAT: 32.70123 / LONG: -103.779564 (TVD: 7820 feet, MD: 8649 feet)

BHL: NESE / 1630 FSL / 50 FEL / TWSP: 18S / RANGE: 32E / SECTION: 34 / LAT: 32.701161 / LONG: -103.745716 (TVD: 7820 feet, MD: 21739 feet)

CONFIDENTIAL

Notice of Intent to Change Drill Plan

Bond 32-34 Fed Com 207H

Original Design in Grey
New Design in Blue

Propose intermediate open hole size change from 9.875” to 10.625” - Allows for a larger clearance of annular space between OH size and planned 8-5/8” casing size.
Propose 2-stage cement job for intermediate casing with a DV Tool and external packer placed at the top of the Delaware mountain group - approx. 5350' to ensure cement is circulated to surface.

Target Zone: AV
Target Zone: 2BSS

Casing Design- ORIGINAL														
Name	Hole Size	Casing Size	Standard	Tapered	Top MD	Btm MD	Top TVD	Btm TVD	Grade	Weight	Thread	Collapse	Burst	Tension
Surface	17 1/2	13 3/8	API	no	0	1310	0	1310	J-55	54.5	BTC	1.125	1.125	1.6
Intermediate 1	12 1/4	9 5/8	API	no	0	4000	0	3970	J-55	40	BTC	1.125	1.125	1.6
Intermediate 2	12 1/4	9 5/8	API	no	4000	4535	3970	4505	HCL80	40	BTC	1.125	1.125	1.6
Production	8 3/4	5 1/2	API	no	0	21739	0	7820	P-110	17	CDC HTQ	1.125	1.125	1.6

Casing Design- NEW														
Name	Hole Size	Casing Size	Standard	Tapered	Top MD	Btm MD		Btm TVD	Grade	Weight	Thread	Collapse	Burst	Tension
Surface	17 1/2	13 3/8	API	no	0	1310	0	1310	J-55	54.55	BTC	1.125	1.125	1.6
Intermediate 1	12 1/4	9 5/8	API	no	0	4535	0	4480	L80HC	40	BTC	1.125	1.125	1.6
Production	8 3/4	5 1/2	API	no	0	20205	0	9360	P110	20	Freedom	1.125	1.125	1.6

Alternate Grades and or higher weights could be subsituted to meet maximum stimulation pressures or due to coupling avaiability

Cement Details- ORIGINAL									
Name	Type	Top MD	Sacks	Yield	Cu Ft	Weight	Excess	Cement	Additives
Surface	Lead	0	751	2.22	1667.3	12.5	100%	C	Gel, Accleerator, LCM
	Tail	1200	83	1.84	152.8	13.2	100%	C	Gel, Accleerator, LCM
Intermediate	Lead	0	804	2.65	2129.5	10.5	100%	C or H	Fluid Loss, Retarder, LCM, Possibly Beads
	Tail	3785	240	1.33	319.2	13.2	100%	C or H	Fluid Loss, Retarder, LCM
Produciton	Lead	4035	275	4.3	1184.4	10.5	20%	H	Fluid Loss, Retarder, LCM
	Tail	7820	2589	1.68	4349.8	13	20%	H	Fluid Loss, Retarder, LCM

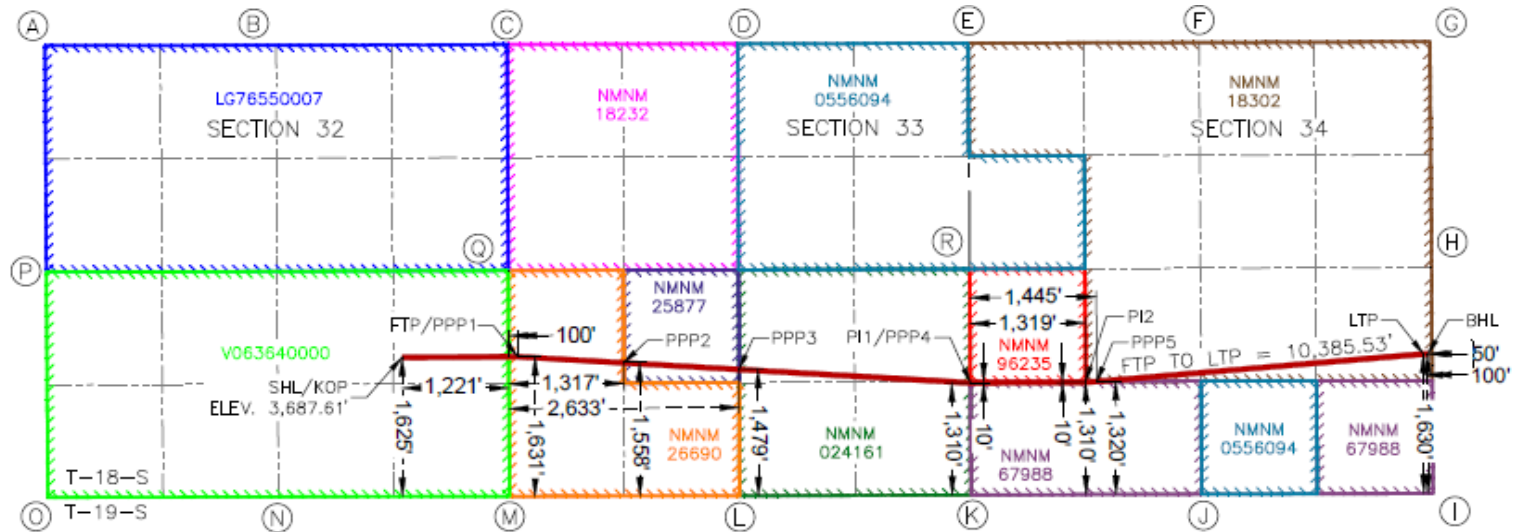
Cement Details- NEW									
Name	Type	Top MD	Sacks	Yield	Cu Ft	Weight	Excess	Cement	Additives
Surface	Lead	0	1158	1.44	1667	12.8	100%	C	Gel, Accleerator, LCM
	Tail	1200	115	1.33	153	14.8	100%	C	Gel, Accleerator, LCM
Intermediate	Lead	0	753	3.32	2501	10.5	100%	C	Fluid Loss, Retarder, LCM, Possibly Beads
	Tail	3785	388	1.21	470	13.2	100%	C	Fluid Loss, Retarder, LCM
Production	Lead	4010	380	3.03	1152	10.5	20%	H	Fluid Loss, Retarder, LCM
	Tail	7795	3046	1.23	3747	13.2	20%	H	Fluid Loss, Retarder, LCM

Mud Program- ORIGINAL						
Name	Top	Bottom	Type	Mud Weight	Vis	Fluid Loss
Surface	0	1310	Water Based Mud	8.3	30-60	NC
Intermediate	1310	4535	Brine Based Mud	10.2	35-45	NC
Production	4535	21739	Oil Based Mud	9.7	35-65	4 to 6

Mud Program- NEW						
Name	Top	Bottom	Type	Mud Weight	Vis	Fluid Loss
Surface	0	1310	Water Based Mud	8.3	30-60	NC
Intermediate	1310	4535	Brine Based Mud	10.2	35-45	NC
Production	4535	20205	Oil Based Mud	9.7	35-65	4 to 6

New- Blue

New: Bond 33-34 Fed Com 207H



New-SHL	32-18S-32E	1625 FSL & 1221 FEL	V06364000
New- KOP	32-18S-32E	1625 FSL & 1221 FEL	V06364000
New- FTP	33-18S-32E	1,631 FSL & 100 FWL	NMNM26690
New- PPP2	33-18S-32E	1558 FSL & 1317 FWL	NMNM25877
New- PPP3	33-18S-32E	1479 FSL & 2633 FWL	NMNM024161
New- PPP4	33-18S-32E	1310 FSL & 0 FWL	NMNM024161
New- POI1	34-18S-32E	1310 FSL & 0 FWL	NMNM67988
New- POI2	34-18S-32E	1310 FSL & 1319 FWL	NMNM67988
New- PPP5	34-18S-32E	1320 FSL & 1445 FWL	NMNM67988
New- LTP	34-18S-32E	1630 FSL & 100 FEL	NMNM18302
New- BHL	34-18S-32E	1630 FSL & 50 FEL	NMNM18302

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

WELL LOCATION INFORMATION

API Number 30-025-55721	Pool Code 50510	Pool Name QUERCH PLAINS; LOWER BONE SPRING
Property Code 338342	Property Name BOND 33-34 FED COM	Well Number #207H
OGRID No. 332544	Operator Name PBEX OPERATIONS, LLC	Ground Level Elevation 3,687.61'
Surface Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	32	18S	32E		1,625' FSL	1,221' FEL	32.701222°	-103.783858°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	34	18S	32E		1,630' FSL	50' FEL	32.701161°	-103.745716°	LEA

Dedicated Acres 320	Infill or Defining Well Defining	Defining Well API 30-025-55721	Overlapping Spacing Unit (Y/N) N	Consolidation Code F
Order Numbers. R-23684			Well setbacks are under Common Ownership: ☒ Yes ☐ No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	32	18S	32E		1,625' FSL	1,221' FEL	32.701222°	-103.783858°	LEA

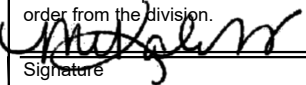
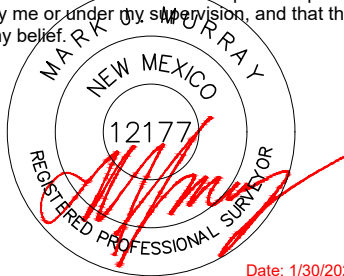
First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
L	33	18S	32E		1,631' FSL	100' FWL	32.701230°	-103.779564°	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	34	18S	32E		1,630' FSL	100' FEL	32.701161°	-103.745879°	LEA

Unitized Area or Area of Uniform Interest com pending	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation: 3687.61
---	--	---

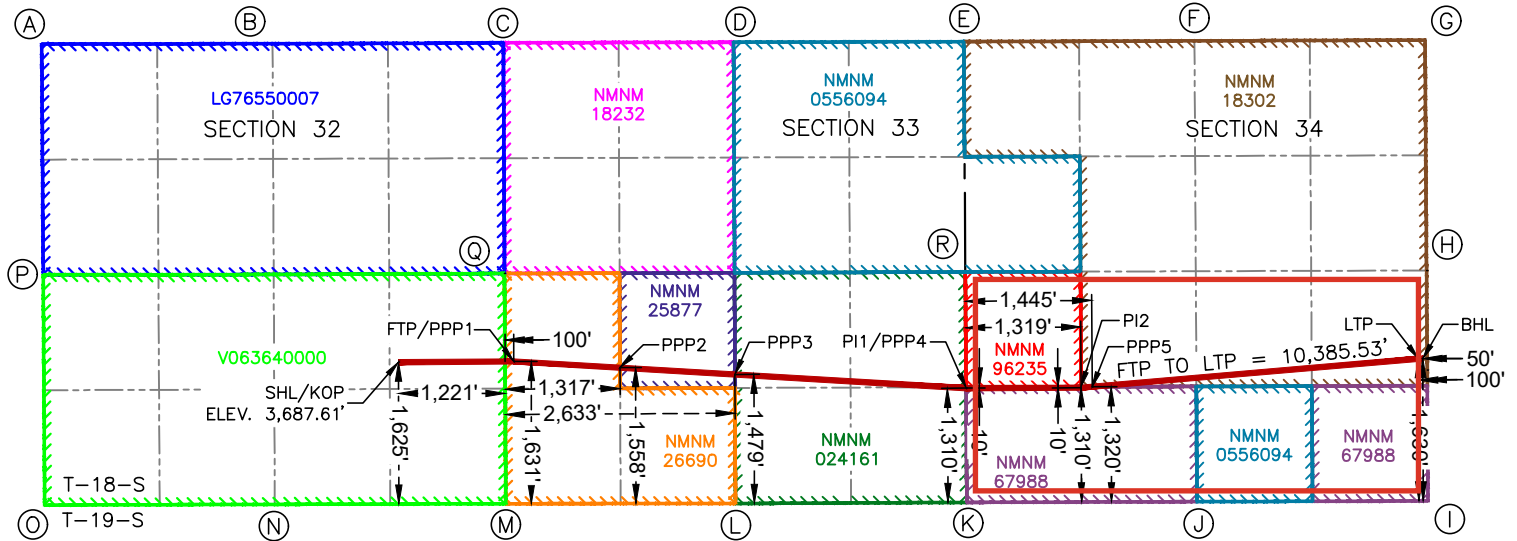
OPERATOR CERTIFICATIONS I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.		SURVEYOR CERTIFICATIONS I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.	
 Signature		 Signature and Seal of Professional Surveyor	
Date 2/4/26		Date: 1/30/2026	
Printed Name Mikah Thomas		Certificate Number 12177	
Email Address mikah@pbex.com		Date of Survey 1/30/2026	
		Revision Number 3	

Note: 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.

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



BOND 33-34 FED COM #207H

SURFACE HOLE LOCATION
& KICK-OFF POINT
1,625' FSL & 1,221' FEL
ELEV. = 3,687.61'

NAD 83 X = 710,360.35'
NAD 83 Y = 619,273.62'
NAD 83 LAT = 32.701222°
NAD 83 LONG = -103.783858°

FIRST TAKE POINT &
PENETRATION POINT 1
1,631' FSL & 100' FWL

NAD 83 X = 711,681.23'
NAD 83 Y = 619,283.40'
NAD 83 LAT = 32.701230°
NAD 83 LONG = -103.779564°

PENETRATION POINT 2
1,558' FSL & 1,317' FWL

NAD 83 X = 712,898.51'
NAD 83 Y = 619,211.39'
NAD 83 LAT = 32.701014°
NAD 83 LONG = -103.775608°

PENETRATION POINT 3
1,479' FSL & 2,633' FWL

NAD 83 X = 714,214.79'
NAD 83 Y = 619,133.53'
NAD 83 LAT = 32.700781°
NAD 83 LONG = -103.771330°

POINT OF INTEREST 1 &
PENETRATION POINT 4
1,310' FSL & 0' FWL

NAD 83 X = 716,862.50'
NAD 83 Y = 618,976.91'
NAD 83 LAT = 32.700312°
NAD 83 LONG = -103.762726°

POINT OF INTEREST 2
1,310' FSL & 1,319' FWL

NAD 83 X = 718,181.28'
NAD 83 Y = 618,981.14'
NAD 83 LAT = 32.700304°
NAD 83 LONG = -103.758439°

PENETRATION POINT 5
1,320' FSL & 1,445' FWL

NAD 83 X = 718,307.71'
NAD 83 Y = 618,992.05'
NAD 83 LAT = 32.700332°
NAD 83 LONG = -103.758028°

LAST TAKE POINT
1,630' FSL & 100' FEL

NAD 83 X = 722,043.35'
NAD 83 Y = 619,314.27'
NAD 83 LAT = 32.701161°
NAD 83 LONG = -103.745879°

BOTTOM HOLE LOCATION
1,630' FSL & 50' FEL

NAD 83 X = 722,093.35'
NAD 83 Y = 619,314.45'
NAD 83 LAT = 32.701161°
NAD 83 LONG = -103.745716°

CORNER COORDINATES NEW MEXICO EAST - NAD 83	
POINT	NORTHING/EASTING
A	N:622,919.18' E:706,274.71'
B	N:622,925.94' E:708,919.07'
C	N:622,933.11' E:711,562.90'
D	N:622,939.79' E:714,200.05'
E	N:622,946.74' E:716,835.71'
F	N:622,955.24' E:719,478.22'
G	N:622,964.56' E:722,119.22'
H	N:620,324.44' E:722,136.67'
I	N:617,684.31' E:722,154.13'
J	N:617,675.56' E:719,507.45'
K	N:617,667.42' E:716,871.24'
L	N:617,654.91' E:714,220.52'
M	N:617,652.16' E:711,590.74'
N	N:617,645.07' E:708,944.55'
O	N:617,637.10' E:706,308.57'
P	N:620,268.56' E:706,292.10'
Q	N:620,290.05' E:711,575.35'
R	N:620,307.39' E:716,853.63'

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

WELL LOCATION INFORMATION

API Number 30-025-55721	Pool Code 41450	Pool Name LUSK;BONE SPRING, NORTH
Property Code 338342	Property Name BOND 33-34 FED COM	Well Number #207H
OGRID No. 332544	Operator Name PBEX OPERATIONS, LLC	Ground Level Elevation 3,687.61'
Surface Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	32	18S	32E		1,625' FSL	1,221' FEL	32.701222°	-103.783858°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	34	18S	32E		1,630' FSL	50' FEL	32.701161°	-103.745716°	LEA

Dedicated Acres 320	Infill or Defining Well Defining	Defining Well API 30-025-55721	Overlapping Spacing Unit (Y/N) N	Consolidation Code F
Order Numbers. R-23684			Well setbacks are under Common Ownership: ☒ Yes ☐ No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	32	18S	32E		1,625' FSL	1,221' FEL	32.701222°	-103.783858°	LEA

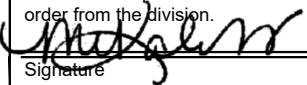
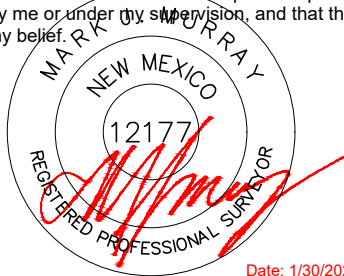
First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
L	33	18S	32E		1,631' FSL	100' FWL	32.701230°	-103.779564°	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	34	18S	32E		1,630' FSL	100' FEL	32.701161°	-103.745879°	LEA

Unitized Area or Area of Uniform Interest com pending	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation: 3687.61
---	--	---

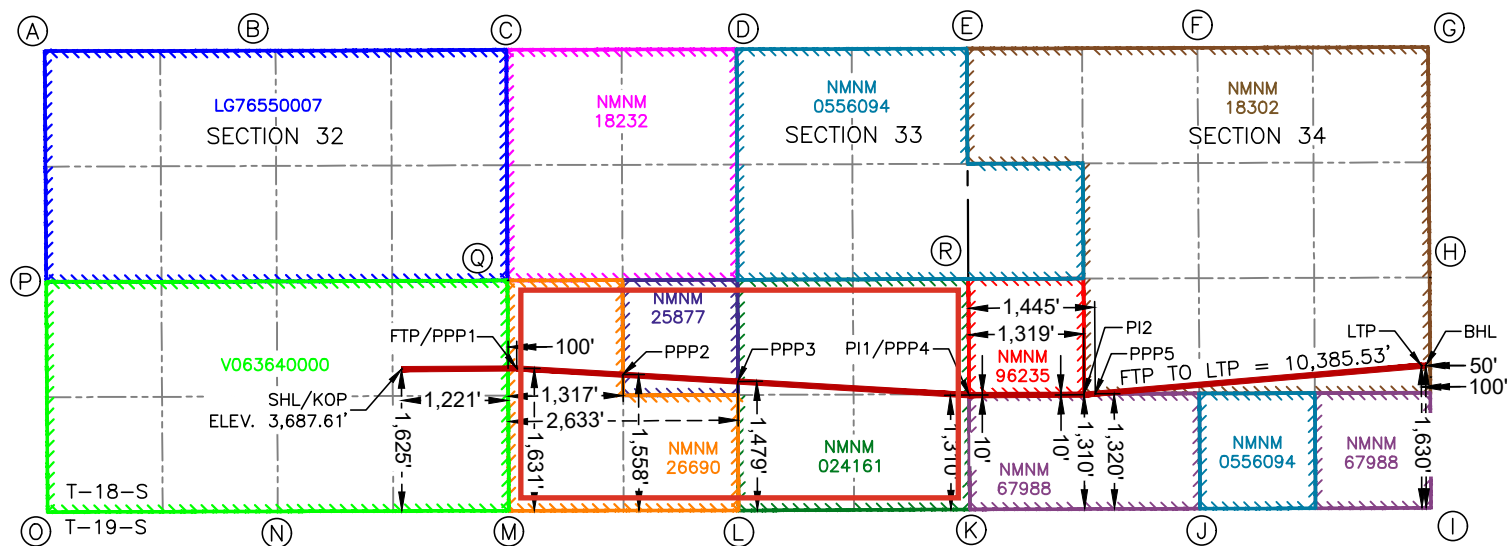
OPERATOR CERTIFICATIONS I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.  Signature Date 2/4/26		SURVEYOR CERTIFICATIONS I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  Signature and Seal of Professional Surveyor Date: 1/30/2026		
Printed Name Mikah Thomas Email Address mikah@pbex.com		Certificate Number 12177	Date of Survey 1/30/2026	Revision Number 3

Note: 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.

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



BOND 33-34 FED COM #207H

**SURFACE HOLE LOCATION
& KICK-OFF POINT**
1,625' FSL & 1,221' FEL
ELEV. = 3,687.61'

NAD 83 X = 710,360.35'
NAD 83 Y = 619,273.62'
NAD 83 LAT = 32.701222°
NAD 83 LONG = -103.783858°

**FIRST TAKE POINT &
PENETRATION POINT 1**
1,631' FSL & 100' FWL

NAD 83 X = 711,681.23'
NAD 83 Y = 619,283.40'
NAD 83 LAT = 32.701230°
NAD 83 LONG = -103.779564°

PENETRATION POINT 2
1,558' FSL & 1,317' FWL

NAD 83 X = 712,898.51'
NAD 83 Y = 619,211.39'
NAD 83 LAT = 32.701014°
NAD 83 LONG = -103.775608°

PENETRATION POINT 3
1,479' FSL & 2,633' FWL

NAD 83 X = 714,214.79'
NAD 83 Y = 619,133.53'
NAD 83 LAT = 32.700781°
NAD 83 LONG = -103.771330°

**POINT OF INTEREST 1 &
PENETRATION POINT 4**
1,310' FSL & 0' FWL

NAD 83 X = 716,862.50'
NAD 83 Y = 618,976.91'
NAD 83 LAT = 32.700312°
NAD 83 LONG = -103.762726°

POINT OF INTEREST 2
1,310' FSL & 1,319' FWL

NAD 83 X = 718,181.28'
NAD 83 Y = 618,981.14'
NAD 83 LAT = 32.700304°
NAD 83 LONG = -103.758439°

PENETRATION POINT 5
1,320' FSL & 1,445' FWL

NAD 83 X = 718,307.71'
NAD 83 Y = 618,992.05'
NAD 83 LAT = 32.700332°
NAD 83 LONG = -103.758028°

LAST TAKE POINT
1,630' FSL & 100' FEL

NAD 83 X = 722,043.35'
NAD 83 Y = 619,314.27'
NAD 83 LAT = 32.701161°
NAD 83 LONG = -103.745879°

BOTTOM HOLE LOCATION
1,630' FSL & 50' FEL

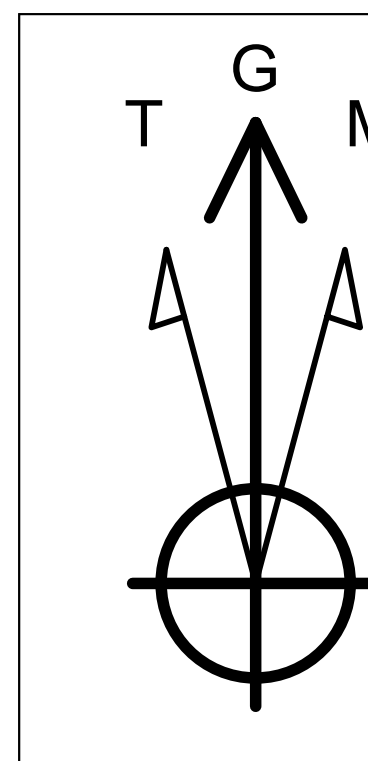
NAD 83 X = 722,093.35'
NAD 83 Y = 619,314.45'
NAD 83 LAT = 32.701161°
NAD 83 LONG = -103.745716°

CORNER COORDINATES NEW MEXICO EAST - NAD 83	
POINT	NORTHING/EASTING
A	N:622,919.18' E:706,274.71'
B	N:622,925.94' E:708,919.07'
C	N:622,933.11' E:711,562.90'
D	N:622,939.79' E:714,200.05'
E	N:622,946.74' E:716,835.71'
F	N:622,955.24' E:719,478.22'
G	N:622,964.56' E:722,119.22'
H	N:620,324.44' E:722,136.67'
I	N:617,684.31' E:722,154.13'
J	N:617,675.56' E:719,507.45'
K	N:617,667.42' E:716,871.24'
L	N:617,654.91' E:714,220.52'
M	N:617,652.16' E:711,590.74'
N	N:617,645.07' E:708,944.55'
O	N:617,637.10' E:706,308.57'
P	N:620,268.56' E:706,292.10'
Q	N:620,290.05' E:711,575.35'
R	N:620,307.39' E:716,853.63'



Site: Bond South Pad - Phase 1
Well: (01) Bond 33-34 FED COM 207H
Wellbore: 207H
Plan: Plan 3

PROJECT DETAILS: Lea County, NM (N83 - NME)
Well Name: (01) Bond 33-34 FED COM 207H
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level
Local North: Grid
KB Elevation: RKB - 30.5 @ 3718.11usft
Elevation: 3687.61
To convert a Magnetic Direction to a Grid Direction, Add 6.037°



Azimuths to Grid North
True North: -0.30°
Magnetic North: 6.04°

Magnetic Field
Strength: 47205.0nT
Dip Angle: 60.13°
Date: 2/3/2026
Model: IGRF2025



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect
1	1289.50	1.67	11.59	1289.33	-2.29	-1.79	0.00	0.000	-1.79
2	1332.50	1.67	11.59	1332.31	-1.06	-1.53	0.00	0.000	-1.54
3	1416.00	0.00	0.00	1415.80	0.13	-1.29	2.00	180.000	-1.29
4	3500.20	0.00	0.00	3500.00	0.13	-1.29	0.00	0.000	-1.29
5	4174.94	13.49	89.39	4168.52	0.97	77.80	2.00	89.392	77.80
6	6707.83	13.49	89.39	6631.48	7.24	668.84	0.00	0.000	668.85
7	7382.57	0.00	89.83	7300.00	8.08	747.92	2.00	180.000	747.95
8	8869.61	0.00	89.83	8787.04	8.08	747.92	0.00	0.000	747.95
9	9769.61	90.00	89.83	9360.00	9.79	1320.88	10.00	0.000	1320.90
10	9962.71	90.00	93.69	9360.00	3.86	1513.85	2.00	90.000	1513.86
11	10989.15	90.00	93.69	9360.00	-62.22	2538.16	0.00	0.000	2537.96
12	11004.54	90.00	93.38	9360.00	-63.17	2553.52	2.00	-90.000	2553.32
13	12307.73	90.00	93.38	9360.00	-140.08	3854.44	0.00	0.000	3854.01
14	14960.07	90.00	93.38	9360.00	-296.70	6502.15	0.00	0.000	6501.24
15	15152.46	90.00	89.54	9360.00	-301.60	6694.44	2.00	-90.000	6693.51
16	16278.99	90.00	89.54	9360.00	-292.47	7820.93	0.00	0.000	7820.03
17	16505.81	90.00	85.00	9360.00	-281.66	8047.44	2.00	-90.000	8046.57
18	20205.46	90.00	85.00	9360.00	40.84	11733.00	0.00	0.000	11733.07

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
765.11	765.17	Rustler
1150.44	1150.55	Salt
2631.11	2631.31	Base of Salt
2915.94	2916.14	Yates
3194.61	3194.81	Grayburg
3378.28	3378.48	Seven Rivers
5438.28	5480.75	Cherry Canyon
6462.94	6534.51	Brushy Canyon
6926.28	7007.78	BSPG Avalon
7450.11	7532.68	BSPG Avalon Lower
8318.44	8401.02	1st BSPG Sand
8603.78	8686.35	2nd BSPG Carbonate
9152.44	9265.85	2nd BSPG Sand

Well Color Legend

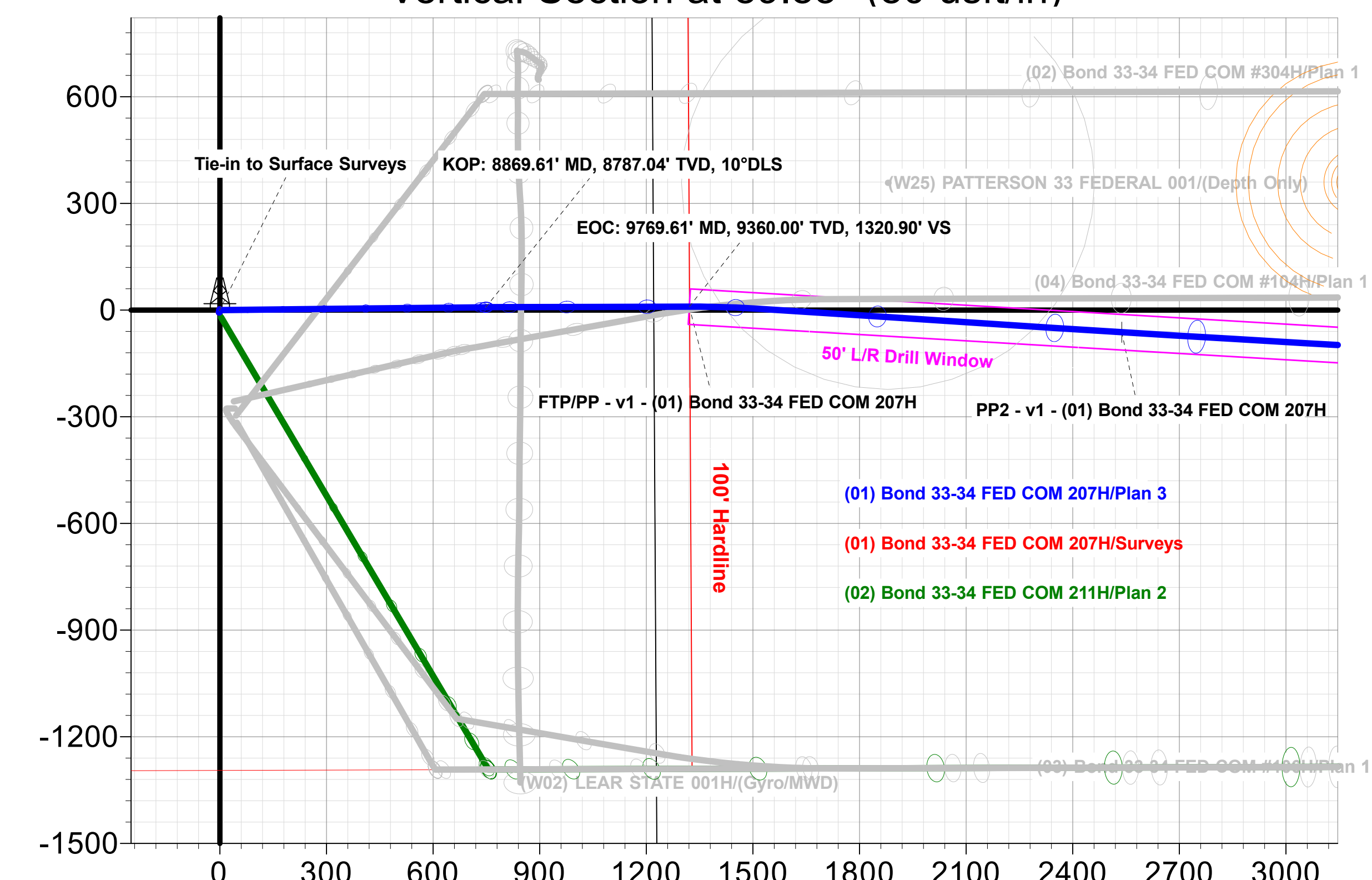
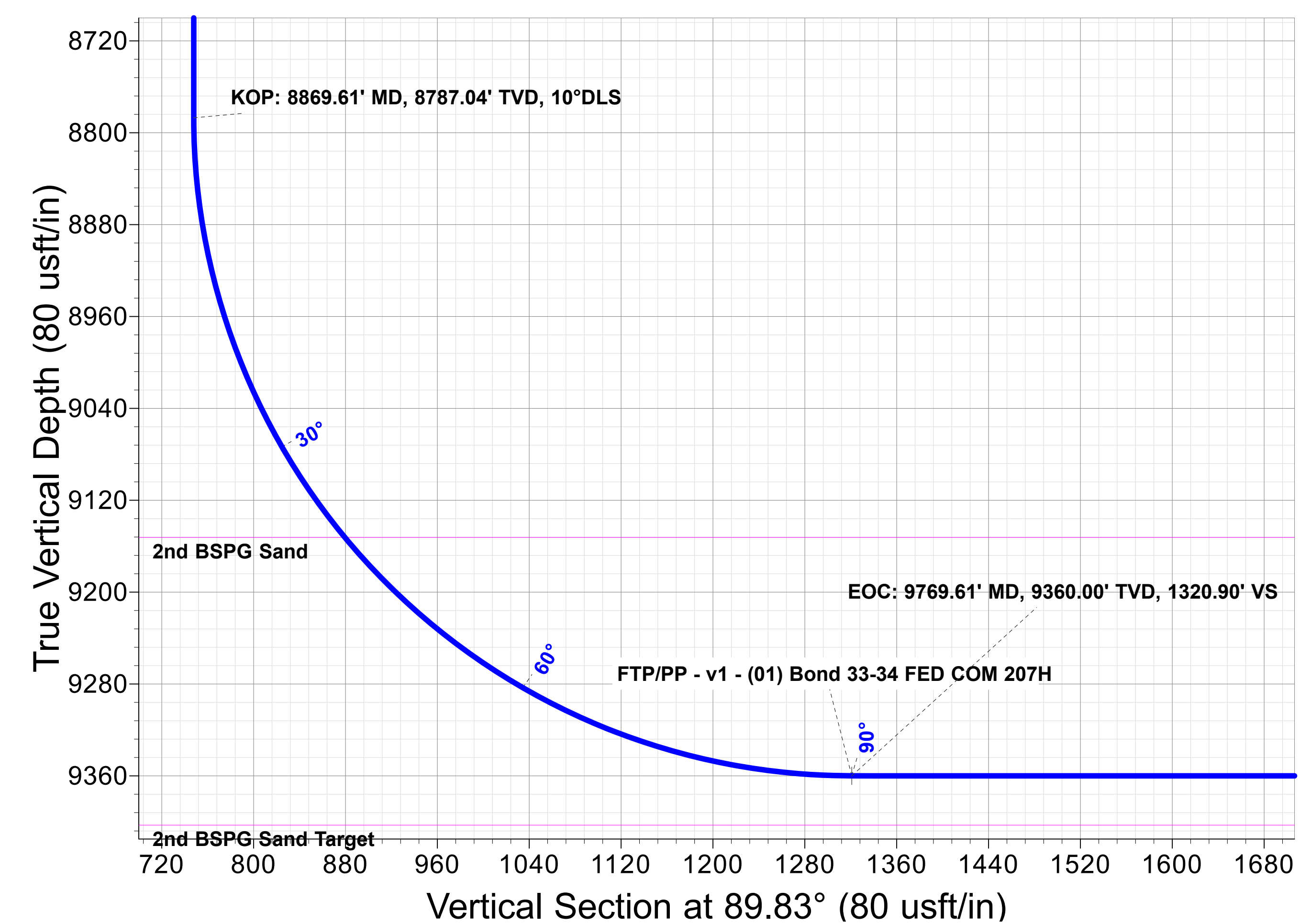
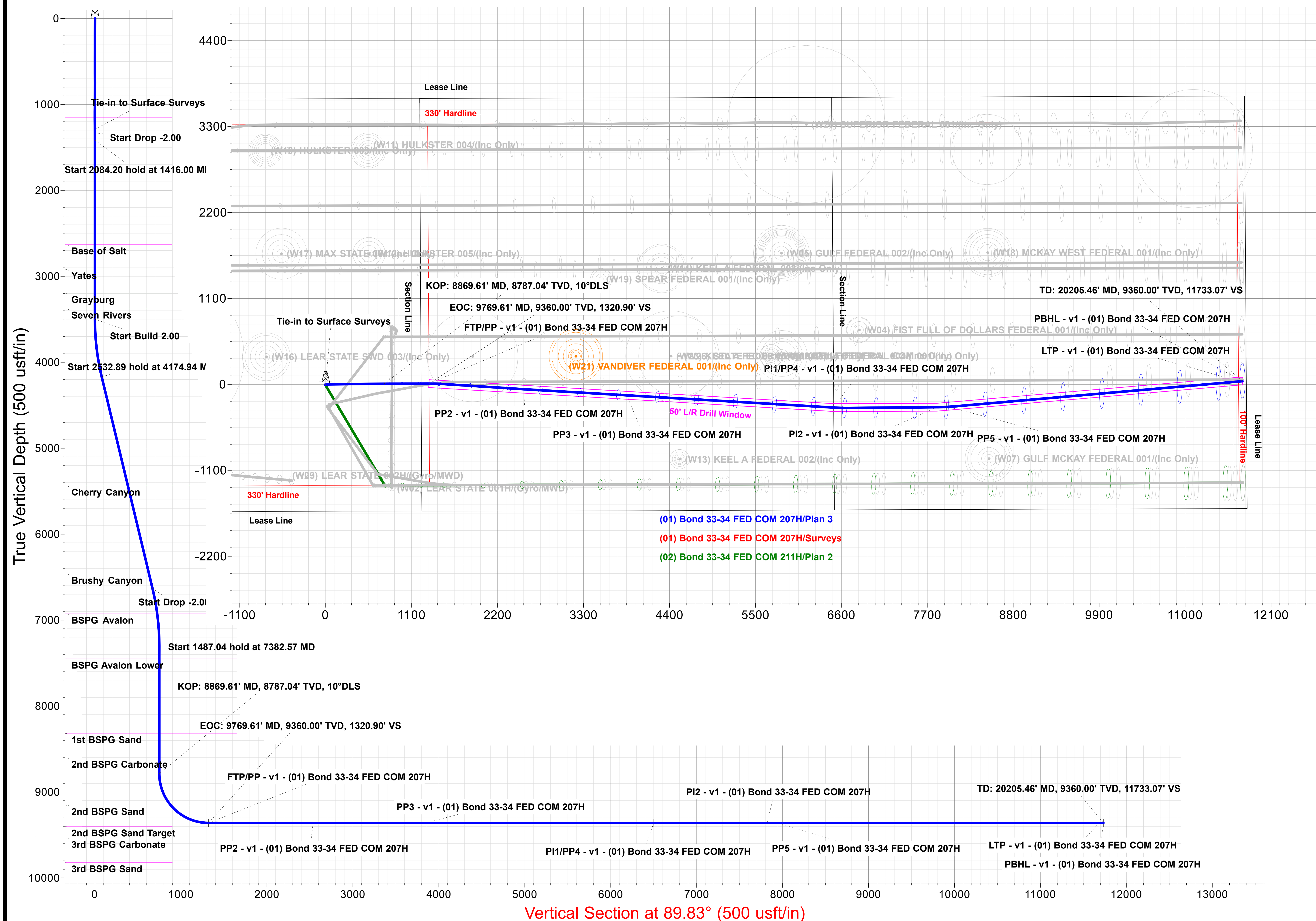
Current Plan
Pad Offset Plans
Pad Dixon Surveys
Offset AC Concern
Offset NO AC Concern

WELL DETAILS: (01) Bond 33-34 FED COM 207H

Northing	Easting	Latitude	Longitude
619273.61	710360.35	32.70122162	-103.78385790

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
FTP/PP - v1 - (01) Bond 33-34 FED COM 207H	9360.00	9.79	1320.88	619283.40	711681.23	32.70122964	-103.77956386
PP2 - v1 - (01) Bond 33-34 FED COM 207H	9360.00	-62.22	2538.16	619211.39	712898.51	32.70101418	-103.77560801
PP3 - v1 - (01) Bond 33-34 FED COM 207H	9360.00	-140.08	3854.44	619133.53	714214.79	32.70078108	-103.77133045
PI1/PP4 - v1 - (01) Bond 33-34 FED COM 207H	9360.00	-296.70	6502.15	618976.91	716862.50	32.70031174	-103.76272617
PI2 - v1 - (01) Bond 33-34 FED COM 207H	9360.00	-292.47	7820.93	618981.14	718181.28	32.70030379	-103.75843912
PBHL - v1 - (01) Bond 33-34 FED COM 207H	9360.00	40.84	11733.00	619314.45	722093.35	32.70116098	-103.74571610
LTP - v1 - (01) Bond 33-34 FED COM 207H	9360.00	40.66	11683.00	619314.27	722043.35	32.70116124	-103.74587864
PP5 - v1 - (01) Bond 33-34 FED COM 207H	9360.00	-281.56	7947.36	618992.05	718307.71	32.70033189	-103.75802794



Plan 3 (01) Bond 33-34 FED COM 207H

Created By: Amanda O'Brien Date: 18:04, February 03 2026



PBEX

**Lea County, NM (N83 - NME)
Bond South Pad - Phase 1
(01) Bond 33-34 FED COM 207H
30-025-55721
207H
Plan 3**

Anticollision Report

03 February, 2026

DIXON



Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM
Reference Design:	Plan 3	Offset TVD Reference:	Offset Datum

Reference	Plan 3		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	Stations	Error Model:	ISCSWA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum centre distance of 1,000.00usft	Error Surface:	Pedal Curve
Warning Levels Evaluated at:	2.00 Sigma	Casing Method:	Not applied

Survey Tool Program		Date	2/3/2026		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
179.50	1,289.50	Surface Surveys (207H)	MWD	OWSG MWD - Standard	
1,289.50	20,205.46	Plan 3 (207H)	MWD+IFR1	OWSG MWD + IFR1	

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Bond North Pad - Phase 1						
(01) Bond 32-34 FED COM 205H - 205H - Plan 3						Out of range
(01) Bond 32-34 FED COM 205H - 205H - Surveys						Out of range
(02) Bond 32-34 FED COM 301H - 301H - Plan 4						Out of range
(02) Bond 32-34 FED COM 301H - 301H - Surveys						Out of range
(03) Bond 32-34 FED COM 201H - 201H - Surveys						Out of range
Bond North Pad - Phase 2						
(01) Bond 32-34 FED COM #303H - #303H - Plan 1						Out of range
(02) Bond 32-34 FED COM #101H - #101H - Plan 1						Out of range
(03) Bond 32-34 FED COM #103H - #103H - Plan 1						Out of range
Bond Pad Offsets						
(W01) N LUSK 32 STATE 001 - 35747 - (Gyro)						Out of range
(W02) LEAR STATE 001H - 38865 - (Gyro/MWD)	9,389.17	9,862.54	195.16	148.20	4.156	CC
(W02) LEAR STATE 001H - 38865 - (Gyro/MWD)	9,400.04	9,862.59	195.56	147.33	4.054	ES
(W02) LEAR STATE 001H - 38865 - (Gyro/MWD)	9,450.00	9,862.72	207.47	154.24	3.897	SF
(W03) LEAR STATE 002H - 38866 - (Gyro/MWD)						Out of range
(W04) FIST FULL OF DOLLARS FEDERAL 001 - 33644						Out of range
(W05) GULF FEDERAL 002 - 26310 - (Inc Only)						Out of range
(W06) GULF FEDERAL COM 001 - 25637 - (Inc Only)	14,259.06	9,348.47	622.59	277.83	1.806	Level 3, CC, ES, SF
(W07) GULF MCKAY FEDERAL 001 - 25471 - (Inc Only)	16,887.42	9,358.32	704.49	326.32	1.863	Level 3, CC
(W07) GULF MCKAY FEDERAL 001 - 25471 - (Inc Only)	16,900.00	9,358.32	704.60	325.86	1.860	Level 3, ES, SF
(W08) HULKSTER 001 - 38446 - (Inc Only)						Out of range
(W09) HULKSTER 002 - 38844 - (Inc Only)						Out of range
(W10) HULKSTER 003 - 39570 - (Inc Only)						Out of range
(W11) HULKSTER 004 - 39571 - (Inc Only)						Out of range
(W12) HULKSTER 005 - 39572 - (Inc Only)						Out of range
(W13) KEELA FEDERAL 002 - 33339 - (Inc Only)						Out of range
(W14) KEELA FEDERAL 003 - 33340 - (Inc Only)						Out of range
(W15) KEELA FEDERAL 004 - 33499 - (Inc Only)						Out of range
(W16) LEAR STATE SWD 003 - 26703 - (Inc Only)	327.47	324.35	836.16	827.33	94.743	CC
(W16) LEAR STATE SWD 003 - 26703 - (Inc Only)	3,600.00	3,596.90	838.34	752.37	9.751	ES
(W16) LEAR STATE SWD 003 - 26703 - (Inc Only)	4,100.00	4,093.11	894.00	796.68	9.187	SF

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



Dixon Directional Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM
Reference Design:	Plan 3	Offset TVD Reference:	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Bond Pad Offsets						
(W17) MAX STATE 001 - 26754 - (Inc Only)						Out of range
(W18) MCKAY WEST FEDERAL 001 - 24931 - (Inc Only)						Out of range
(W19) SPEAR FEDERAL 001 - 33645 - (Inc Only)						Out of range
(W20) SUPERIOR FEDERAL 001 - 24277 - (Inc Only)						Out of range
(W21) VANDIVER FEDERAL 001 - 26352 - (Inc Only)	11,626.27	9,354.67	460.27	179.61	1.640	Level 3, CC, ES, SF
(W22) WATKINS 32 STATE 001 - 31735 - (Inc Only)						Out of range
(W23) KEELA FEDERAL 001 - 33316 - (Depth Only)						Out of range
(W24) NELLIE 001 - 24439 - (Depth Only)						Out of range
(W25) PATTERSON 33 FEDERAL 001 - 33411 - (Depth O						Out of range
(W26) STATE EC 001 - 00885 - (Depth Only)						Out of range
(W27) TEXACO FEDERAL 001 - 00886 - (Depth Only)						Out of range
(W28) NORTH LUSK 32 STATE SWD 001 - 41525 - (Gyr						Out of range
(W29) LEAR STATE 002H - 38866 - (Gyro/MWD)						Out of range
(W30) NORTH LUSK 32 STATE 003 - 36953 - (Depth On						Out of range
(W31) NORTH LUSK 32 STATE 001 - 35748 - (Depth On						Out of range
(W32) NORTH LUSK 32 STATE 002 - 21443 - (Depth On						Out of range
(W33) NORTH LUSK 32 STATE 005 - 36982 - (Depth On						Out of range
Bond South Pad - Phase 1						
(01) Bond 33-34 FED COM 207H - 207H - Surveys	1,600.00	1,289.50	310.48	307.54	105.602	CC, ES, SF
(02) Bond 33-34 FED COM 211H - 211H - Plan 2	1,075.62	1,074.51	14.13	6.27	1.796	Level 3, CC
(02) Bond 33-34 FED COM 211H - 211H - Plan 2	1,082.50	1,081.38	14.14	6.24	1.791	Level 3, ES, SF
Bond South Pad - Phase 2						
(01) Bond 33-34 FED COM #306H - #306H - Plan 1	1,085.15	1,080.18	313.90	306.01	39.766	CC, ES
(01) Bond 33-34 FED COM #306H - #306H - Plan 1	2,300.00	2,266.26	333.37	321.49	28.067	SF
(02) Bond 33-34 FED COM #304H - #304H - Plan 1	3,079.56	3,098.01	218.54	204.35	15.396	CC
(02) Bond 33-34 FED COM #304H - #304H - Plan 1	3,100.00	3,117.87	218.60	204.34	15.331	ES
(02) Bond 33-34 FED COM #304H - #304H - Plan 1	4,900.00	4,877.63	276.30	249.65	10.368	SF
(03) Bond 33-34 FED COM #106H - #106H - Plan 1	1,085.05	1,081.25	273.59	265.70	34.651	CC
(03) Bond 33-34 FED COM #106H - #106H - Plan 1	2,513.52	2,510.02	277.55	265.28	22.622	ES
(03) Bond 33-34 FED COM #106H - #106H - Plan 1	2,700.00	2,683.35	281.95	269.22	22.153	SF
(04) Bond 33-34 FED COM #104H - #104H - Plan 1	8,266.58	8,243.19	105.72	77.49	3.745	CC, ES
(04) Bond 33-34 FED COM #104H - #104H - Plan 1	8,300.00	8,269.35	107.63	78.47	3.692	SF

Offset Design: Bond Pad Offsets - (W02) LEAR STATE 001H - 38865 - (Gyro/MWD)													Offset Site Error: 0.00 usft
Survey Program: 100-GYRO-NS, 8838-MWD													Offset Well Error: 0.00 usft
Reference	Offset	Semi Major Axis		Offset Wellbore Centre		Rule Assigned:							
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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
4,700.00	4,679.08	4,653.23	4,652.91	10.31	16.62	-44.515	690.97	904.59	985.05	958.80	26.25	37.525	
4,800.00	4,776.32	4,751.75	4,751.43	10.63	16.97	-45.536	691.89	904.20	968.70	941.88	26.82	36.122	
4,900.00	4,873.56	4,850.94	4,850.61	10.96	17.32	-46.609	692.78	903.54	952.46	925.07	27.39	34.776	
5,000.00	4,970.80	4,948.64	4,948.30	11.30	17.66	-47.701	693.54	902.78	936.39	908.43	27.95	33.497	
5,100.00	5,068.04	5,045.47	5,045.13	11.65	18.00	-48.825	694.35	901.97	920.68	892.17	28.52	32.285	
5,200.00	5,165.28	5,144.27	5,143.92	12.01	18.34	-50.029	695.36	900.89	905.31	876.23	29.08	31.130	
5,300.00	5,262.52	5,244.44	5,244.07	12.38	18.69	-51.303	696.21	899.43	890.00	860.36	29.65	30.022	
5,400.00	5,359.76	5,342.78	5,342.38	12.76	19.04	-52.640	697.26	897.30	874.87	844.68	30.20	28.973	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM
Reference Design:	Plan 3	Offset TVD Reference:	Offset Datum

Offset Design: Bond Pad Offsets - (W02) LEAR STATE 001H - 38865 - (Gyro/MWD)													Offset Site Error: 0.00 usft
Survey Program: 100-GYRO-NS, 8838-MWD							Rule Assigned:						Offset Well Error: 0.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,500.00	5,457.00	5,438.60	5,438.17	13.14	19.37	-54.014	698.49	894.85	860.17	829.44	30.73	27.987	
5,600.00	5,554.23	5,533.49	5,533.03	13.53	19.70	-55.406	699.78	892.70	846.23	814.96	31.26	27.067	
5,700.00	5,651.47	5,629.95	5,629.46	13.93	20.04	-56.847	701.00	890.77	832.89	801.10	31.79	26.200	
5,800.00	5,748.71	5,725.73	5,725.21	14.33	20.38	-58.307	702.19	889.07	820.22	787.91	32.31	25.389	
5,900.00	5,845.95	5,822.01	5,821.47	14.74	20.71	-59.812	703.42	887.45	808.21	775.39	32.81	24.630	
6,000.00	5,943.19	5,918.24	5,917.68	15.16	21.05	-61.371	704.79	885.72	796.87	763.56	33.31	23.921	
6,100.00	6,040.43	6,014.74	6,014.15	15.57	21.39	-62.979	706.24	883.97	786.22	752.42	33.80	23.261	
6,200.00	6,137.67	6,111.52	6,110.90	15.99	21.73	-64.626	707.68	882.32	776.28	742.00	34.28	22.645	
6,300.00	6,234.91	6,210.79	6,210.15	16.42	22.07	-66.344	708.93	880.68	766.84	732.09	34.76	22.063	
6,400.00	6,332.15	6,307.95	6,307.29	16.85	22.41	-68.048	709.91	879.21	757.93	722.71	35.22	21.519	
6,500.00	6,429.39	6,402.72	6,402.05	17.28	22.75	-69.748	710.99	877.81	749.87	714.19	35.67	21.020	
6,600.00	6,526.63	6,502.10	6,501.41	17.72	23.09	-71.567	712.10	876.29	742.51	706.38	36.13	20.552	
6,707.83	6,631.48	6,604.48	6,603.77	18.19	23.45	-73.468	713.19	874.83	735.41	698.80	36.61	20.086	
6,800.00	6,721.43	6,693.88	6,693.16	18.61	23.77	-74.953	714.27	873.61	730.58	693.56	37.02	19.735	
6,900.00	6,819.71	6,793.72	6,792.99	19.05	24.11	-76.411	715.39	872.20	726.69	689.23	37.47	19.396	
7,000.00	6,918.56	6,891.28	6,890.53	19.48	24.46	-77.807	716.40	870.86	724.00	686.09	37.90	19.102	
7,100.00	7,017.89	6,991.15	6,990.38	19.89	24.81	-78.608	717.51	869.33	722.39	684.05	38.34	18.843	
7,200.00	7,117.55	7,088.81	7,088.02	20.27	25.15	-79.371	718.71	867.50	721.71	682.95	38.76	18.618	
7,216.29	7,133.81	7,104.85	7,104.05	20.32	25.20	-79.473	718.94	867.20	721.70	682.87	38.83	18.586	
7,300.00	7,217.44	7,189.09	7,188.27	20.61	25.50	-79.904	720.08	865.58	721.90	682.71	39.19	18.421	
7,382.57	7,300.00	7,271.65	7,270.81	20.75	25.79	-9.238	721.17	863.90	722.50	682.98	39.52	18.281	
7,400.00	7,317.43	7,289.06	7,288.21	20.75	25.85	9.206	721.41	863.53	722.67	683.08	39.59	18.256	
7,500.00	7,417.43	7,391.01	7,390.12	20.80	26.21	9.007	722.68	861.19	723.54	683.53	40.01	18.083	
7,600.00	7,517.43	7,492.77	7,491.84	20.84	26.56	8.798	723.68	858.68	724.13	683.71	40.42	17.914	
7,700.00	7,617.43	7,592.61	7,591.66	20.89	26.91	8.606	724.53	856.36	724.62	683.79	40.83	17.747	
7,800.00	7,717.43	7,695.04	7,694.06	20.93	27.27	8.422	725.23	854.11	724.97	683.72	41.24	17.577	
7,900.00	7,817.43	7,794.27	7,793.26	20.97	27.62	8.246	725.77	851.93	725.19	683.53	41.65	17.410	
8,000.00	7,917.43	7,895.24	7,894.21	21.02	27.97	8.077	726.29	849.85	725.41	683.35	42.07	17.245	
8,100.00	8,017.43	7,996.15	7,995.11	21.06	28.32	7.925	726.65	847.95	725.50	683.02	42.48	17.079	
8,200.00	8,117.43	8,099.58	8,098.52	21.11	28.68	7.795	726.67	846.30	725.30	682.40	42.90	16.907	
8,300.00	8,217.43	8,200.00	8,198.93	21.15	29.03	7.698	726.33	845.01	724.79	681.48	43.32	16.733	
8,400.00	8,317.43	8,298.49	8,297.41	21.19	29.38	7.594	726.08	843.65	724.36	680.63	43.73	16.566	
8,445.92	8,363.35	8,342.32	8,341.24	21.22	29.53	7.541	726.10	842.98	724.29	680.38	43.91	16.494	
8,500.00	8,417.43	8,393.90	8,392.81	21.24	29.71	7.480	726.29	842.22	724.38	680.25	44.13	16.414	
8,600.00	8,517.43	8,493.40	8,492.30	21.28	30.06	7.364	726.88	840.82	724.78	680.24	44.54	16.271	
8,700.00	8,617.43	8,592.93	8,591.82	21.33	30.41	7.246	727.51	839.39	725.23	680.27	44.96	16.131	
8,800.00	8,717.43	8,694.80	8,693.24	21.38	30.76	7.128	728.18	837.94	725.75	680.30	45.37	16.000	
8,869.61	8,787.04	8,851.99	8,851.99	21.40	30.92	7.062	728.61	837.47	726.18	680.33	45.78	15.870	
8,900.00	8,817.41	8,852.94	8,852.94	21.45	31.27	-14.592	26.21	847.76	582.80	548.61	34.19	17.045	
8,950.00	8,867.16	8,854.44	8,854.44	21.67	31.33	-39.284	24.71	847.73	532.99	498.61	34.38	15.503	
9,000.00	8,916.31	8,855.85	8,855.85	21.91	31.34	-148.500	23.31	847.70	483.03	448.52	34.52	13.994	
9,050.00	8,964.46	8,857.16	8,857.16	22.17	31.35	-168.011	22.00	847.67	433.32	398.73	34.59	12.529	
9,100.00	9,011.27	8,858.35	8,858.35	22.44	31.35	-172.852	20.81	847.65	384.40	349.81	34.59	11.113	
9,150.00	9,056.37	8,859.43	8,859.43	22.72	31.36	-174.966	19.73	847.63	337.08	302.50	34.58	9.748	
9,200.00	9,099.42	8,860.37	8,860.37	22.99	31.36	-176.116	18.79	847.61	292.57	257.84	34.73	8.424	
9,250.00	9,140.09	8,861.16	8,861.16	23.25	31.37	-176.805	18.00	847.60	252.80	217.29	35.51	7.119	
9,300.00	9,178.08	8,861.80	8,861.80	23.50	31.37	-177.231	17.36	847.58	220.71	182.91	37.80	5.839	
9,350.00	9,213.09	8,862.28	8,862.28	23.74	31.38	-177.480	16.88	847.57	200.35	158.01	42.34	4.732	
9,389.17	9,238.26	8,862.54	8,862.54	23.91	31.38	-177.578	16.62	847.57	195.16	148.20	46.96	4.156 CC	
9,400.00	9,244.86	8,862.59	8,862.59	23.96	31.38	-177.592	16.57	847.57	195.56	147.33	48.23	4.054	
9,400.04	9,244.88	8,862.59	8,862.59	23.96	31.38	-177.592	16.57	847.57	195.56	147.33	48.24	4.054 ES	
9,450.00	9,273.14	8,862.72	8,862.72	24.15	31.38	-177.577	16.44	847.57	207.47	154.24	53.24	3.897 SF	

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



Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM
Reference Design:	Plan 3	Offset TVD Reference:	Offset Datum

Offset Design: Bond Pad Offsets - (W02) LEAR STATE 001H - 38865 - (Gyro/MWD)													Offset Site Error: 0.00 usft
Survey Program: 100-GYRO-NS, 8838-MWD							Rule Assigned:						Offset Well Error: 0.00 usft
Reference	Offset	Semi Major Axis	Highside	Offset Wellbore Centre	Distance	Rule Assigned:	Minimum	Separation	Warning				
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
9,500.00	9,297.73	9,862.66	9,369.69	24.33	33.38	-177.424	16.50	847.57	233.47	177.26	56.21	4.154	
9,550.00	9,318.42	9,862.41	9,369.68	24.48	33.38	-177.092	16.75	847.57	269.33	211.74	57.59	4.676	
9,600.00	9,335.08	9,861.96	9,369.67	24.61	33.37	-176.482	17.20	847.58	311.46	253.31	58.15	5.356	
9,650.00	9,347.56	9,861.31	9,369.64	24.70	33.37	-175.360	17.85	847.59	357.38	299.04	58.34	6.126	
9,700.00	9,355.78	9,860.47	9,369.61	24.77	33.36	-173.050	18.69	847.61	405.53	347.13	58.40	6.944	
9,750.00	9,359.66	9,859.43	9,369.58	24.81	33.36	-166.564	19.73	847.63	454.88	396.47	58.41	7.788	
9,769.61	9,360.00	9,858.97	9,369.56	24.82	33.36	-159.540	20.19	847.64	474.41	416.00	58.41	8.122	
9,800.00	9,360.00	9,858.40	9,369.54	24.83	33.35	-167.183	20.76	847.65	504.73	446.32	58.41	8.641	
9,900.00	9,360.00	9,859.00	9,369.56	24.87	33.36	158.115	20.16	847.64	604.56	546.13	58.43	10.347	
9,962.72	9,360.00	9,861.36	9,369.65	24.93	33.37	137.619	17.80	847.59	667.16	608.71	58.45	11.414	
10,000.00	9,360.00	9,863.24	9,369.71	25.02	33.38	135.882	15.92	847.56	704.37	645.90	58.47	12.047	
10,100.00	9,360.00	9,868.43	9,369.91	26.12	33.41	131.621	10.74	847.46	804.18	745.67	58.52	13.743	
10,200.00	9,360.00	9,873.73	9,370.10	27.78	33.44	127.934	5.44	847.37	904.01	845.44	58.57	15.435	

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



Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM
Reference Design:	Plan 3	Offset TVD Reference:	Offset Datum

Offset Design: Bond Pad Offsets - (W06) GULF FEDERAL COM 001 - 25637 - (Inc Only)													Offset Site Error: 0.00 usft
Survey Program: 210-INC-ONLY													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis			Offset Wellbore Centre		Rule Assigned:				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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,500.00	9,360.00	9,348.35	9,346.47	93.09	236.08	-90.145	366.25	5,839.11	981.73	683.51	298.21	3.292	
13,600.00	9,360.00	9,348.36	9,346.48	95.14	236.08	-90.147	366.25	5,839.11	906.63	602.76	303.87	2.984	
13,700.00	9,360.00	9,348.38	9,346.50	97.20	236.08	-90.148	366.25	5,839.11	836.76	526.52	310.23	2.697	
13,800.00	9,360.00	9,348.40	9,346.52	99.25	236.08	-90.150	366.25	5,839.11	773.53	456.30	317.23	2.438	
13,900.00	9,360.00	9,348.41	9,346.53	101.30	236.08	-90.151	366.25	5,839.11	718.70	394.11	324.60	2.214	
14,000.00	9,360.00	9,348.43	9,346.55	103.36	236.08	-90.153	366.25	5,839.11	674.33	342.47	331.87	2.032	
14,100.00	9,360.00	9,348.45	9,346.57	105.41	236.08	-90.154	366.25	5,839.11	642.58	304.28	338.30	1.899	Level 3
14,200.00	9,360.00	9,348.46	9,346.58	107.47	236.08	-90.156	366.25	5,839.11	625.38	282.33	343.05	1.823	Level 3
14,259.06	9,360.00	9,348.47	9,346.59	108.69	236.08	-90.157	366.25	5,839.11	622.59	277.83	344.76	1.806	Level 3, CC, ES, SF
14,300.00	9,360.00	9,348.48	9,346.60	109.53	236.08	-90.157	366.25	5,839.11	623.93	278.52	345.41	1.806	Level 3
14,400.00	9,360.00	9,348.50	9,346.62	111.59	236.08	-90.159	366.25	5,839.11	638.34	293.16	345.18	1.849	Level 3
14,500.00	9,360.00	9,348.51	9,346.63	113.65	236.08	-90.160	366.25	5,839.11	667.58	324.88	342.70	1.948	Level 3
14,600.00	9,360.00	9,348.53	9,346.65	115.71	236.08	-90.162	366.25	5,839.11	709.83	371.18	338.65	2.096	
14,700.00	9,360.00	9,348.55	9,346.67	117.77	236.08	-90.163	366.25	5,839.11	762.92	429.15	333.76	2.286	
14,800.00	9,360.00	9,348.56	9,346.68	119.83	236.08	-90.165	366.25	5,839.11	824.76	496.13	328.63	2.510	
14,900.00	9,360.00	9,348.58	9,346.70	121.89	236.08	-90.166	366.25	5,839.11	893.54	569.91	323.63	2.761	
14,960.07	9,360.00	9,348.59	9,346.71	123.13	236.08	-90.167	366.25	5,839.11	937.62	616.85	320.78	2.923	
15,000.00	9,360.00	9,348.60	9,346.72	123.95	236.08	-90.165	366.25	5,839.11	967.66	648.72	318.94	3.034	

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



Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM
Reference Design:	Plan 3	Offset TVD Reference:	Offset Datum

Offset Design: Bond Pad Offsets - (W07) GULF MCKAY FEDERAL 001 - 25471 - (Inc Only)													Offset Site Error: 0.00 usft
Survey Program: 400-INC-ONLY													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		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 Centres (usft)	Between Ellipses (usft)			
16,200.00	9,360.00	9,358.32	9,356.89	148.60	216.75	90.000	-950.21	8,489.01	994.93	682.43	312.49	3.184	
16,278.99	9,360.00	9,358.32	9,356.89	150.22	216.75	90.000	-950.21	8,489.01	937.52	617.92	319.60	2.933	
16,300.00	9,360.00	9,358.32	9,356.89	150.66	216.75	90.000	-950.21	8,489.01	922.84	601.24	321.60	2.870	
16,400.00	9,360.00	9,358.32	9,356.89	152.71	216.75	90.000	-950.21	8,489.01	858.27	526.47	331.80	2.587	
16,505.81	9,360.00	9,358.32	9,356.89	154.86	216.75	90.000	-950.21	8,489.01	801.21	457.70	343.51	2.332	
16,600.00	9,360.00	9,358.32	9,356.89	156.77	216.75	90.000	-950.21	8,489.01	760.87	406.85	354.02	2.149	
16,700.00	9,360.00	9,358.32	9,356.89	158.79	216.75	90.000	-950.21	8,489.01	729.00	364.66	364.33	2.001	
16,800.00	9,360.00	9,358.32	9,356.89	160.82	216.75	90.000	-950.21	8,489.01	709.89	337.03	372.86	1.904	Level 3
16,887.42	9,360.00	9,358.32	9,356.89	162.59	216.75	90.000	-950.21	8,489.01	704.49	326.32	378.17	1.863	Level 3, CC
16,900.00	9,360.00	9,358.32	9,356.89	162.84	216.75	90.000	-950.21	8,489.01	704.60	325.86	378.74	1.860	Level 3, ES, SF
17,000.00	9,360.00	9,358.32	9,356.89	164.87	216.75	90.000	-950.21	8,489.01	713.43	331.94	381.49	1.870	Level 3
17,100.00	9,360.00	9,358.32	9,356.89	166.89	216.75	90.000	-950.21	8,489.01	735.86	354.69	381.18	1.930	Level 3
17,200.00	9,360.00	9,358.32	9,356.89	168.92	216.75	90.000	-950.21	8,489.01	770.72	392.40	378.32	2.037	
17,300.00	9,360.00	9,358.32	9,356.89	170.95	216.75	90.000	-950.21	8,489.01	816.41	442.73	373.68	2.185	
17,400.00	9,360.00	9,358.32	9,356.89	172.98	216.75	90.000	-950.21	8,489.01	871.23	503.23	368.00	2.367	
17,500.00	9,360.00	9,358.32	9,356.89	175.00	216.75	90.000	-950.21	8,489.01	933.57	571.70	361.87	2.580	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM
Reference Design:	Plan 3	Offset TVD Reference:	Offset Datum

Offset Design: Bond Pad Offsets - (W16) LEAR STATE SWD 003 - 26703 - (Inc Only)													Offset Site Error: 0.00 usft
Survey Program: 229-INC-ONLY													Offset Well Error: 0.00 usft
Reference	Offset	Semi Major Axis		Highside		Offset Wellbore Centre		Distance		Minimum	Separation	Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Separation (usft)		
0.00	0.00	0.00	0.00	0.00	0.00	-65.105	352.76	-760.13	838.00				
179.50	179.49	176.38	176.38	1.56	3.65	-35.270	352.76	-760.13	836.92	831.72	5.20	160.929	
279.50	279.49	276.38	276.38	2.01	5.64	-78.836	352.76	-760.13	836.21	828.59	7.63	109.661	
327.47	327.45	324.35	324.34	2.27	6.56	90.090	352.76	-760.13	836.16	827.33	8.83	94.743 CC	
372.50	372.48	370.32	370.31	2.54	7.44	99.247	353.03	-760.13	836.32	826.34	9.98	83.810	
461.50	461.48	458.39	458.37	2.75	9.36	73.448	352.76	-760.13	836.22	824.11	12.11	69.050	
470.50	470.48	467.38	467.37	2.77	9.61	90.003	352.76	-760.13	836.21	823.83	12.38	67.544	
549.50	549.47	546.38	546.36	2.97	11.79	128.455	352.76	-760.13	836.82	822.07	14.75	56.728	
637.50	637.45	634.36	634.34	3.15	14.21	88.303	352.76	-760.13	837.47	820.13	17.35	48.274	
639.99	639.94	636.85	636.83	3.15	14.28	89.978	352.76	-760.13	837.47	820.05	17.42	48.071	
726.50	726.45	723.70	723.68	3.31	16.68	-162.916	353.26	-760.13	838.29	818.31	19.98	41.948	
815.50	815.44	813.27	813.25	3.54	19.15	123.640	353.10	-760.13	839.40	816.73	22.67	37.034	
904.50	904.42	902.84	902.82	3.71	21.62	59.932	352.80	-760.13	839.37	814.06	25.31	33.161	
993.50	993.40	990.32	990.29	3.86	23.56	85.611	352.76	-760.13	838.84	811.43	27.40	30.612	
1,082.50	1,082.39	1,079.31	1,079.28	4.02	25.48	40.691	352.76	-760.13	838.50	809.04	29.47	28.457	
1,171.50	1,171.38	1,168.32	1,168.29	4.51	27.40	-80.479	353.03	-760.13	838.15	806.27	31.87	26.295	
1,289.50	1,289.33	1,286.64	1,286.61	4.74	29.95	-76.496	352.96	-760.13	837.43	802.76	34.67	24.157	
1,300.00	1,299.83	1,297.17	1,297.14	4.74	30.17	-76.517	352.94	-760.13	837.35	802.46	34.89	23.996	
1,332.50	1,332.31	1,329.76	1,329.73	4.77	30.88	-76.583	352.90	-760.13	837.11	801.49	35.62	23.501	
1,400.00	1,399.80	1,397.46	1,397.43	4.83	32.34	-76.662	352.78	-760.13	836.79	799.65	37.14	22.529	
1,416.00	1,415.80	1,412.72	1,412.69	4.83	32.66	-65.076	352.76	-760.13	836.77	799.30	37.47	22.330	
1,500.00	1,499.80	1,496.72	1,496.69	4.96	34.38	-65.076	352.76	-760.13	836.77	797.45	39.32	21.279	
1,600.00	1,599.80	1,596.72	1,596.69	5.11	36.43	-65.076	352.76	-760.13	836.77	795.25	41.52	20.153	
1,700.00	1,699.80	1,696.85	1,696.81	5.25	38.48	-65.060	353.02	-760.13	836.88	793.16	43.72	19.143	
1,800.00	1,799.80	1,797.16	1,797.12	5.40	40.54	-65.065	352.94	-760.13	836.85	790.93	45.92	18.226	
1,900.00	1,899.80	1,897.47	1,897.44	5.54	42.59	-65.075	352.77	-760.13	836.78	788.67	48.11	17.393	
1,940.66	1,940.46	1,937.40	1,937.35	5.59	43.43	-65.076	352.76	-760.13	836.77	787.76	49.01	17.073	
2,000.00	1,999.80	1,996.74	1,996.69	5.67	44.70	-65.076	352.76	-760.13	836.77	786.41	50.36	16.616	
2,100.00	2,099.80	2,096.74	2,096.69	5.81	46.83	-65.076	352.76	-760.13	836.77	784.14	52.63	15.900	
2,200.00	2,199.80	2,196.99	2,196.93	5.94	48.97	-65.024	353.61	-760.13	837.13	782.23	54.90	15.248	
2,300.00	2,299.80	2,297.88	2,297.82	6.08	51.13	-65.036	353.41	-760.13	837.05	779.86	57.19	14.637	
2,400.00	2,399.80	2,398.78	2,398.72	6.21	53.28	-65.063	352.97	-760.13	836.86	777.39	59.47	14.072	
2,500.00	2,499.80	2,496.79	2,496.69	6.33	55.28	-65.076	352.76	-760.13	836.77	775.17	61.60	13.583	
2,600.00	2,599.80	2,596.79	2,596.69	6.46	57.28	-65.076	352.76	-760.13	836.77	773.04	63.73	13.130	
2,700.00	2,699.80	2,697.11	2,697.00	6.59	59.28	-65.030	353.50	-760.13	837.09	771.23	65.86	12.711	
2,800.00	2,799.80	2,798.12	2,798.01	6.71	61.30	-65.045	353.27	-760.13	836.99	768.99	68.00	12.309	
2,900.00	2,899.80	2,899.14	2,899.03	6.83	63.32	-65.077	352.75	-760.13	836.77	766.63	70.14	11.930	
2,933.33	2,933.13	2,930.18	2,930.02	6.87	63.98	-65.076	352.76	-760.13	836.77	765.93	70.84	11.811	
3,000.00	2,999.80	2,996.84	2,996.69	6.96	65.40	-65.076	352.76	-760.13	836.77	764.43	72.34	11.566	
3,100.00	3,099.80	3,096.84	3,096.69	7.08	67.53	-65.076	352.76	-760.13	836.77	762.18	74.59	11.218	
3,200.00	3,199.80	3,197.44	3,197.27	7.20	69.67	-65.011	353.81	-760.13	837.22	760.36	76.86	10.893	
3,300.00	3,299.80	3,298.70	3,298.53	7.31	71.83	-65.032	353.47	-760.13	837.07	757.94	79.13	10.579	
3,400.00	3,399.80	3,399.97	3,399.79	7.43	73.98	-65.076	352.76	-760.13	836.78	755.38	81.40	10.280	
3,435.17	3,434.97	3,432.09	3,431.86	7.47	74.68	-65.076	352.76	-760.13	836.77	754.63	82.14	10.187	
3,500.20	3,500.00	3,497.12	3,496.89	7.55	76.10	-65.076	352.76	-760.13	836.77	753.13	83.64	10.005	
3,600.00	3,599.78	3,596.90	3,596.67	7.72	78.28	-154.507	352.76	-760.13	838.34	752.37	85.97	9.751 ES	
3,700.00	3,699.64	3,697.35	3,697.10	7.89	80.47	-154.555	353.81	-760.13	843.50	755.18	88.32	9.551	
3,800.00	3,799.25	3,798.23	3,797.98	8.08	82.67	-154.765	353.46	-760.13	851.24	760.55	90.69	9.386	
3,900.00	3,898.50	3,898.75	3,898.49	8.28	84.86	-155.065	352.77	-760.13	862.00	768.93	93.07	9.262	
4,000.00	3,997.27	3,994.49	3,994.16	8.51	86.74	-155.364	352.76	-760.13	876.21	781.06	95.16	9.208	
4,100.00	4,095.43	4,093.11	4,092.77	8.76	88.68	-155.674	353.68	-760.13	894.00	796.68	97.32	9.187 SF	
4,174.94	4,168.52	4,167.89	4,167.55	8.92	90.15	-156.003	353.41	-760.13	909.04	810.11	98.93	9.189	

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



Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM
Reference Design:	Plan 3	Offset TVD Reference:	Offset Datum

Offset Design: Bond Pad Offsets - (W16) LEAR STATE SWD 003 - 26703 - (Inc Only)													Offset Site Error: 0.00 usft
Survey Program: 229-INC-ONLY													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned:				Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
4,200.00	4,192.89	4,192.82	4,192.48	8.96	90.64	-156.165	353.24	-760.13	914.34	814.89	99.46	9.193	
4,300.00	4,290.13	4,287.40	4,287.02	9.20	92.51	-156.752	352.76	-760.13	935.64	834.09	101.55	9.213	
4,400.00	4,387.37	4,384.64	4,384.26	9.45	94.46	-157.301	352.76	-760.13	957.21	853.48	103.74	9.227	
4,500.00	4,484.60	4,481.88	4,481.49	9.72	96.40	-157.826	352.76	-760.13	978.87	872.93	105.94	9.240	



Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM
Reference Design:	Plan 3	Offset TVD Reference:	Offset Datum

Offset Design: Bond Pad Offsets - (W21) VANDIVER FEDERAL 001 - 26352 - (Inc Only)													Offset Site Error: 0.00 usft
Survey Program: 400-INC-ONLY													Offset Well Error: 0.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (usft)	Separation Factor	Warning
		Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
10,800.00	9,360.00	9,354.67	9,351.89	38.82	225.62	-90.000	359.61	3,201.32	945.29	690.70	254.59	3.713	
10,900.00	9,360.00	9,354.67	9,351.89	40.74	225.62	-90.000	359.61	3,201.32	859.55	603.47	256.08	3.357	
10,989.15	9,360.00	9,354.67	9,351.89	42.46	225.62	-90.000	359.61	3,201.32	785.95	528.15	257.80	3.049	
11,004.54	9,360.00	9,354.67	9,351.89	42.76	225.62	-90.000	359.61	3,201.32	773.56	515.41	258.14	2.997	
11,100.00	9,360.00	9,354.67	9,351.89	44.62	225.62	-90.000	359.61	3,201.32	699.14	438.55	260.59	2.683	
11,200.00	9,360.00	9,354.67	9,351.89	46.58	225.62	-90.000	359.61	3,201.32	627.33	363.49	263.84	2.378	
11,300.00	9,360.00	9,354.67	9,351.89	48.55	225.62	-90.000	359.61	3,201.32	564.18	296.37	267.81	2.107	
11,400.00	9,360.00	9,354.67	9,351.89	50.53	225.62	-90.000	359.61	3,201.32	512.88	240.59	272.29	1.884	Level 3
11,500.00	9,360.00	9,354.67	9,351.89	52.52	225.62	-90.000	359.61	3,201.32	477.28	200.59	276.68	1.725	Level 3
11,600.00	9,360.00	9,354.67	9,351.89	54.51	225.62	-90.000	359.61	3,201.32	461.02	180.96	280.06	1.646	Level 3
11,626.27	9,360.00	9,354.67	9,351.89	55.04	225.62	-90.000	359.61	3,201.32	460.27	179.61	280.66	1.640	Level 3, CC, ES, SF
11,700.00	9,360.00	9,354.67	9,351.89	56.51	225.62	-90.000	359.61	3,201.32	466.14	184.55	281.59	1.655	Level 3
11,800.00	9,360.00	9,354.67	9,351.89	58.52	225.62	-90.000	359.61	3,201.32	491.97	210.81	281.16	1.750	Level 3
11,900.00	9,360.00	9,354.67	9,351.89	60.53	225.62	-90.000	359.61	3,201.32	535.52	256.17	279.35	1.917	Level 3
12,000.00	9,360.00	9,354.67	9,351.89	62.54	225.62	-90.000	359.61	3,201.32	592.90	316.00	276.90	2.141	
12,100.00	9,360.00	9,354.67	9,351.89	64.56	225.62	-90.000	359.61	3,201.32	660.51	386.15	274.37	2.407	
12,200.00	9,360.00	9,354.67	9,351.89	66.58	225.62	-90.000	359.61	3,201.32	735.55	463.53	272.02	2.704	
12,307.73	9,360.00	9,354.67	9,351.89	68.77	225.62	-90.000	359.61	3,201.32	822.35	552.54	269.81	3.048	
12,400.00	9,360.00	9,354.67	9,351.89	70.64	225.62	-90.000	359.61	3,201.32	900.29	632.11	268.18	3.357	
12,500.00	9,360.00	9,354.67	9,351.89	72.67	225.62	-90.000	359.61	3,201.32	987.56	720.87	266.68	3.703	

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



Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM
Reference Design:	Plan 3	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 1 - (01) Bond 33-34 FED COM 207H - 207H - Surveys													Offset Site Error: 0.00 usft
Survey Program: 180-MWD													Offset Well Error: 0.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (usft)	Separation Factor	Warning
		Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
1,300.00	1,299.83	1,289.50	1,289.33	0.00	4.74	0.000	-2.29	-1.79	10.50	7.75	2.75	3.822	
1,332.50	1,332.31	1,289.50	1,289.33	0.03	4.74	0.000	-2.29	-1.79	43.00	40.24	2.76	15.575	
1,400.00	1,399.80	1,289.50	1,289.33	0.12	4.74	180.000	-2.29	-1.79	110.50	107.70	2.80	39.464	
1,416.00	1,415.80	1,289.50	1,289.33	0.13	4.74	-168.410	-2.29	-1.79	126.49	123.69	2.81	45.060	
1,500.00	1,499.80	1,289.50	1,289.33	0.27	4.74	-168.410	-2.29	-1.79	210.48	207.62	2.87	73.427	
1,600.00	1,599.80	1,289.50	1,289.33	0.43	4.74	-168.410	-2.29	-1.79	310.48	307.54	2.94	105.602	CC, ES, SF
1,700.00	1,699.80	1,289.50	1,289.33	0.59	4.74	-168.410	-2.29	-1.79	410.48	407.46	3.02	136.067	
1,800.00	1,799.80	1,289.50	1,289.33	0.74	4.74	-168.410	-2.29	-1.79	510.48	507.38	3.10	164.844	
1,900.00	1,899.80	1,289.50	1,289.33	0.89	4.74	-168.410	-2.29	-1.79	610.47	607.29	3.18	191.972	
2,000.00	1,999.80	1,289.50	1,289.33	1.04	4.74	-168.410	-2.29	-1.79	710.47	707.21	3.27	217.498	
2,100.00	2,099.80	1,289.50	1,289.33	1.18	4.74	-168.410	-2.29	-1.79	810.47	807.12	3.36	241.479	
2,200.00	2,199.80	1,289.50	1,289.33	1.32	4.74	-168.410	-2.29	-1.79	910.47	907.02	3.45	263.974	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM
Reference Design:	Plan 3	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 1 - (02) Bond 33-34 FED COM 211H - 211H - Plan 2												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IFR1												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		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 Centres (usft)	Between Ellipses (usft)			
0.00	0.00	0.00	0.00	0.00	0.00	171.274	-19.74	3.03	20.00				
179.50	179.49	178.48	178.48	1.56	1.30	-160.118	-19.74	3.03	21.20	18.34	2.86	7.412	
279.50	279.49	278.48	278.48	2.01	1.80	156.331	-19.74	3.03	22.42	18.62	3.80	5.900	
372.50	372.48	371.47	371.47	2.54	2.15	-25.732	-19.74	3.03	22.36	17.87	4.49	4.978	
461.50	461.48	460.47	460.47	2.75	2.44	-52.803	-19.74	3.03	21.67	16.68	4.99	4.340	
549.50	549.47	548.46	548.46	2.97	2.70	1.651	-19.74	3.03	20.43	14.97	5.46	3.741	
637.50	637.45	636.44	636.44	3.15	2.94	-39.666	-19.74	3.03	18.88	12.98	5.89	3.202	
726.50	726.45	725.44	725.44	3.31	3.17	69.745	-19.74	3.03	18.17	11.80	6.37	2.853	
815.50	815.44	814.43	814.43	3.54	3.38	-1.878	-19.74	3.03	16.97	10.21	6.76	2.510	
904.50	904.42	903.41	903.41	3.71	3.58	-68.766	-19.74	3.03	15.64	8.47	7.18	2.180	
993.50	993.40	992.39	992.39	3.86	3.77	-48.973	-19.74	3.03	14.70	7.15	7.55	1.948	Level 3
1,075.62	1,075.52	1,074.51	1,074.51	4.01	3.94	-89.969	-19.74	3.03	14.13	6.27	7.87	1.796	Level 3, CC
1,082.50	1,082.39	1,081.38	1,081.38	4.02	3.96	-98.272	-19.74	3.03	14.14	6.24	7.89	1.791	Level 3, ES, SF
1,171.50	1,171.38	1,170.37	1,170.37	4.51	4.13	142.433	-19.74	3.03	15.20	6.85	8.34	1.822	Level 3
1,289.50	1,289.33	1,288.32	1,288.32	4.74	4.36	152.975	-19.74	3.03	18.11	9.36	8.75	2.070	
1,300.00	1,299.83	1,298.82	1,298.82	4.74	4.38	153.408	-19.74	3.03	18.38	9.61	8.77	2.097	
1,332.50	1,332.31	1,331.30	1,331.30	4.77	4.44	154.671	-19.74	3.03	19.23	10.39	8.84	2.175	
1,400.00	1,399.80	1,398.79	1,398.79	4.83	4.56	156.095	-19.74	3.03	20.30	11.25	9.05	2.244	
1,416.00	1,415.80	1,414.79	1,414.79	4.83	4.59	167.737	-19.74	3.03	20.34	11.26	9.08	2.240	
1,500.00	1,499.80	1,498.79	1,498.79	4.96	4.74	167.737	-19.74	3.03	20.34	10.97	9.37	2.171	
1,600.00	1,599.80	1,598.79	1,598.79	5.11	4.91	167.737	-19.74	3.03	20.34	10.64	9.70	2.097	
1,700.00	1,699.80	1,698.79	1,698.79	5.25	5.08	167.737	-19.74	3.03	20.34	10.32	10.02	2.029	
1,800.00	1,799.80	1,798.79	1,798.79	5.40	5.24	167.737	-19.74	3.03	20.34	10.00	10.34	1.967	Level 3
1,900.00	1,899.80	1,898.79	1,898.79	5.54	5.40	167.737	-19.74	3.03	20.34	9.69	10.65	1.911	Level 3
2,000.00	1,999.80	1,998.79	1,998.79	5.67	5.56	167.737	-19.74	3.03	20.34	9.39	10.95	1.858	Level 3
2,100.00	2,099.80	2,098.09	2,098.07	5.81	5.77	166.357	-21.19	3.88	21.95	10.65	11.30	1.942	Level 3
2,200.00	2,199.80	2,197.15	2,196.99	5.94	5.98	163.180	-25.58	6.48	26.92	15.27	11.65	2.311	
2,300.00	2,299.80	2,295.74	2,295.21	6.08	6.20	159.888	-32.87	10.79	35.33	23.32	12.00	2.943	
2,400.00	2,399.80	2,393.63	2,392.39	6.21	6.44	157.265	-42.98	16.78	47.18	34.82	12.36	3.816	
2,500.00	2,499.80	2,490.60	2,488.20	6.33	6.70	155.365	-55.81	24.36	62.45	49.72	12.73	4.906	
2,600.00	2,599.80	2,586.45	2,582.36	6.46	6.98	154.020	-71.22	33.48	81.06	67.96	13.10	6.188	
2,700.00	2,699.80	2,680.99	2,674.59	6.59	7.27	153.063	-89.08	44.04	102.95	89.47	13.48	7.638	
2,800.00	2,799.80	2,774.04	2,764.66	6.71	7.58	152.369	-109.20	55.94	128.04	114.18	13.86	9.236	
2,900.00	2,899.80	2,865.45	2,852.34	6.83	7.90	151.855	-131.40	69.08	156.24	141.99	14.25	10.961	
3,000.00	2,999.80	2,956.22	2,938.58	6.96	8.17	151.463	-155.78	83.49	187.41	172.80	14.61	12.831	
3,100.00	3,099.80	3,050.91	3,028.25	7.08	8.46	151.160	-181.98	98.99	219.54	204.49	15.05	14.589	
3,200.00	3,199.80	3,145.61	3,117.92	7.20	8.79	150.935	-208.17	114.49	251.67	236.15	15.52	16.213	
3,300.00	3,299.80	3,240.30	3,207.58	7.31	9.12	150.760	-234.37	129.98	283.80	267.79	16.01	17.725	
3,400.00	3,399.80	3,334.99	3,297.25	7.43	9.47	150.622	-260.57	145.48	315.94	299.43	16.51	19.132	
3,500.20	3,500.00	3,429.87	3,387.10	7.55	9.84	150.508	-286.82	161.01	348.15	331.12	17.03	20.444	
3,600.00	3,599.78	3,524.64	3,476.83	7.72	10.21	60.688	-313.04	176.52	379.42	361.87	17.55	21.614	
3,700.00	3,699.64	3,620.04	3,567.17	7.89	10.60	60.718	-339.44	192.13	409.15	391.07	18.08	22.630	
3,800.00	3,799.25	3,715.76	3,657.81	8.08	10.99	61.116	-365.92	207.79	437.32	418.70	18.62	23.491	
3,900.00	3,898.50	3,811.70	3,748.66	8.28	11.40	61.821	-392.47	223.50	464.01	444.84	19.16	24.217	
4,000.00	3,997.27	3,907.74	3,839.60	8.51	11.81	62.789	-419.04	239.21	489.33	469.62	19.71	24.827	
4,100.00	4,095.43	4,003.75	3,930.52	8.76	12.23	63.986	-445.60	254.92	513.46	493.20	20.26	25.342	
4,174.94	4,168.52	4,075.62	3,998.58	8.92	12.55	65.016	-465.49	266.69	530.85	510.20	20.65	25.709	
4,200.00	4,192.89	4,099.64	4,021.31	8.96	12.65	65.481	-472.13	270.62	536.59	515.83	20.77	25.840	
4,300.00	4,290.13	4,195.47	4,112.06	9.20	13.08	67.240	-498.64	286.30	559.85	538.53	21.32	26.260	
4,400.00	4,387.37	4,291.29	4,202.80	9.45	13.52	68.863	-525.16	301.98	583.58	561.70	21.87	26.683	
4,500.00	4,484.60	4,387.12	4,293.54	9.72	13.95	70.360	-551.67	317.66	607.72	585.29	22.43	27.097	
4,600.00	4,581.84	4,482.95	4,384.28	10.01	14.40	71.745	-578.18	333.35	632.24	609.25	22.99	27.503	

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



Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM
Reference Design:	Plan 3	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 1 - (02) Bond 33-34 FED COM 211H - 211H - Plan 2													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		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 Centres (usft)	Between Ellipses (usft)			
4,700.00	4,679.08	4,578.78	4,475.03	10.31	14.84	73.028	-604.70	349.03	657.08	633.53	23.55	27.900	
4,800.00	4,776.32	4,674.61	4,565.77	10.63	15.29	74.219	-631.21	364.71	682.22	658.10	24.12	28.285	
4,900.00	4,873.56	4,770.44	4,656.51	10.96	15.74	75.326	-657.72	380.39	707.61	682.92	24.69	28.659	
5,000.00	4,970.80	4,866.27	4,747.26	11.30	16.20	76.357	-684.24	396.08	733.25	707.98	25.27	29.021	
5,100.00	5,068.04	4,962.09	4,838.00	11.65	16.65	77.320	-710.75	411.76	759.09	733.24	25.84	29.372	
5,200.00	5,165.28	5,057.92	4,928.74	12.01	17.11	78.220	-737.26	427.44	785.12	758.70	26.43	29.710	
5,300.00	5,262.52	5,153.75	5,019.48	12.38	17.58	79.063	-763.78	443.12	811.33	784.31	27.01	30.036	
5,400.00	5,359.76	5,249.58	5,110.23	12.76	18.04	79.854	-790.29	458.81	837.69	810.09	27.60	30.351	
5,500.00	5,457.00	5,345.41	5,200.97	13.14	18.50	80.597	-816.80	474.49	864.19	835.99	28.19	30.653	
5,600.00	5,554.23	5,441.24	5,291.71	13.53	18.97	81.296	-843.32	490.17	890.82	862.03	28.79	30.944	
5,700.00	5,651.47	5,537.07	5,382.45	13.93	19.44	81.955	-869.83	505.85	917.56	888.18	29.39	31.224	
5,800.00	5,748.71	5,632.89	5,473.20	14.33	19.91	82.577	-896.34	521.53	944.42	914.43	29.99	31.493	
5,900.00	5,845.95	5,728.72	5,563.94	14.74	20.38	83.165	-922.86	537.22	971.37	940.78	30.59	31.752	
6,000.00	5,943.19	5,824.55	5,654.68	15.16	20.85	83.721	-949.37	552.90	998.42	967.22	31.20	32.000	
14,700.00	9,360.00	14,831.23	9,360.00	117.77	118.61	90.058	-1,275.53	6,245.50	994.27	758.15	236.11	4.211	
14,800.00	9,360.00	14,931.03	9,360.00	119.83	120.62	90.059	-1,275.23	6,345.31	988.07	747.89	240.18	4.114	
14,900.00	9,360.00	15,030.84	9,360.00	121.89	122.64	90.059	-1,274.94	6,445.12	981.87	737.61	244.26	4.020	
14,960.07	9,360.00	15,090.79	9,360.00	123.13	123.85	90.059	-1,274.76	6,505.07	978.06	731.36	246.70	3.965	
15,000.00	9,360.00	15,130.66	9,360.00	123.95	124.65	90.059	-1,274.64	6,544.93	975.86	727.53	248.33	3.930	
15,100.00	9,360.00	15,230.61	9,360.00	126.01	126.67	90.059	-1,274.34	6,644.88	972.80	720.39	252.41	3.854	
15,137.58	9,360.00	15,268.19	9,360.00	126.78	127.43	90.059	-1,274.23	6,682.46	972.55	718.60	253.94	3.830	
15,152.46	9,360.00	15,283.06	9,360.00	127.09	127.74	90.059	-1,274.18	6,697.34	972.59	718.04	254.55	3.821	
15,200.00	9,360.00	15,330.61	9,360.00	128.06	128.70	90.059	-1,274.04	6,744.88	972.83	716.34	256.49	3.793	
15,300.00	9,360.00	15,430.60	9,360.00	130.11	130.72	90.059	-1,273.74	6,844.88	973.34	712.77	260.57	3.735	
15,400.00	9,360.00	15,530.60	9,360.00	132.17	132.75	90.059	-1,273.45	6,944.88	973.85	709.20	264.65	3.680	
15,500.00	9,360.00	15,630.60	9,360.00	134.22	134.78	90.059	-1,273.15	7,044.87	974.37	705.63	268.73	3.626	
15,600.00	9,360.00	15,730.60	9,360.00	136.27	136.81	90.059	-1,272.85	7,144.87	974.88	702.06	272.82	3.573	
15,700.00	9,360.00	15,830.60	9,360.00	138.33	138.83	90.059	-1,272.55	7,244.87	975.39	698.48	276.91	3.522	
15,800.00	9,360.00	15,930.60	9,360.00	140.38	140.87	90.059	-1,272.25	7,344.87	975.90	694.91	281.00	3.473	
15,900.00	9,360.00	16,030.60	9,360.00	142.43	142.90	90.059	-1,271.95	7,444.87	976.42	691.33	285.09	3.425	
16,000.00	9,360.00	16,130.59	9,360.00	144.49	144.93	90.059	-1,271.66	7,544.87	976.93	687.75	289.18	3.378	
16,100.00	9,360.00	16,230.59	9,360.00	146.54	146.97	90.059	-1,271.36	7,644.86	977.44	684.17	293.27	3.333	
16,200.00	9,360.00	16,330.59	9,360.00	148.60	149.00	90.059	-1,271.06	7,744.86	977.95	680.59	297.36	3.289	
16,278.99	9,360.00	16,409.58	9,360.00	150.22	150.61	90.059	-1,270.82	7,823.85	978.36	677.76	300.60	3.255	
16,300.00	9,360.00	16,430.59	9,360.00	150.66	151.04	90.059	-1,270.76	7,844.86	978.54	677.08	301.46	3.246	
16,400.00	9,360.00	16,530.54	9,360.00	152.71	153.07	90.059	-1,270.46	7,944.81	981.53	675.98	305.55	3.212	
16,505.81	9,360.00	16,636.12	9,360.00	154.86	155.22	90.059	-1,270.15	8,050.39	988.49	678.63	309.86	3.190	
16,600.00	9,360.00	16,729.97	9,360.00	156.77	157.14	90.058	-1,269.87	8,144.24	996.42	682.73	313.69	3.176	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM
Reference Design:	Plan 3	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (01) Bond 33-34 FED COM #306H - #306H - Plan 1													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1													Offset Well Error: 0.00 usft
Reference	Offset	Semi Major Axis		Highside		Offset Wellbore Centre		Distance		Minimum	Separation	Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Separation (usft)		
0.00	0.00	0.00	0.00	0.00	0.00	171.422	-316.61	47.76	320.23				
179.50	179.49	174.62	174.62	1.56	1.28	-158.771	-316.61	47.76	321.42	318.59	2.84	113.375	
279.50	279.49	274.62	274.62	2.01	1.78	157.717	-316.61	47.76	322.64	318.85	3.78	85.292	
372.50	372.48	367.61	367.61	2.54	2.14	-24.232	-316.61	47.76	322.58	318.11	4.47	72.123	
461.50	461.48	456.61	456.61	2.75	2.43	-50.150	-316.61	47.76	321.87	316.90	4.97	64.741	
549.50	549.47	544.60	544.60	2.97	2.69	4.771	-316.61	47.76	320.62	315.18	5.44	58.933	
637.50	637.45	632.58	632.58	3.15	2.93	-35.540	-316.61	47.76	319.05	313.18	5.87	54.327	
726.50	726.45	721.58	721.58	3.31	3.16	73.232	-316.61	47.76	318.36	312.01	6.35	50.104	
815.50	815.44	810.57	810.57	3.54	3.37	-0.127	-316.61	47.76	317.19	310.44	6.75	46.994	
904.50	904.42	899.55	899.55	3.71	3.57	-64.086	-316.61	47.76	315.81	308.65	7.16	44.106	
993.50	993.40	988.53	988.53	3.86	3.77	-38.772	-316.61	47.76	314.68	307.15	7.53	41.786	
1,082.50	1,082.39	1,077.52	1,077.52	4.02	3.95	-83.937	-316.61	47.76	313.90	306.02	7.88	39.824	
1,085.15	1,085.05	1,080.18	1,080.18	4.04	3.95	-90.007	-316.61	47.76	313.90	306.01	7.89	39.766 CC, ES	
1,171.50	1,171.38	1,166.51	1,166.51	4.51	4.13	154.982	-316.61	47.76	315.04	306.78	8.26	38.135	
1,289.50	1,289.33	1,284.46	1,284.46	4.74	4.35	159.444	-316.61	47.76	318.21	309.51	8.70	36.575	
1,300.00	1,299.83	1,294.96	1,294.96	4.74	4.37	159.464	-316.61	47.76	318.49	309.77	8.72	36.519	
1,332.50	1,332.31	1,327.44	1,327.44	4.77	4.43	159.523	-316.61	47.76	319.38	310.58	8.81	36.267	
1,400.00	1,399.80	1,394.93	1,394.93	4.83	4.55	159.604	-316.61	47.76	320.48	311.46	9.02	35.525	
1,416.00	1,415.80	1,410.93	1,410.93	4.83	4.58	171.197	-316.61	47.76	320.52	311.47	9.06	35.395	
1,500.00	1,499.80	1,494.93	1,494.93	4.96	4.73	171.197	-316.61	47.76	320.52	311.18	9.35	34.297	
1,600.00	1,599.80	1,594.93	1,594.93	5.11	4.90	171.197	-316.61	47.76	320.52	310.85	9.68	33.123	
1,700.00	1,699.80	1,694.93	1,694.93	5.25	5.07	171.197	-316.61	47.76	320.52	310.52	10.00	32.054	
1,800.00	1,799.80	1,794.93	1,794.93	5.40	5.23	171.197	-316.61	47.76	320.52	310.21	10.31	31.074	
1,900.00	1,899.80	1,894.93	1,894.93	5.54	5.39	171.197	-316.61	47.76	320.52	309.90	10.62	30.171	
2,000.00	1,999.80	1,994.93	1,994.93	5.67	5.55	171.197	-316.61	47.76	320.52	309.60	10.93	29.337	
2,100.00	2,099.80	2,085.92	2,085.91	5.81	5.74	171.115	-317.73	48.40	321.85	310.60	11.25	28.602	
2,200.00	2,199.80	2,176.27	2,176.16	5.94	5.94	170.856	-321.32	50.45	326.13	314.57	11.57	28.199	
2,300.00	2,299.80	2,266.26	2,265.88	6.08	6.14	170.435	-327.35	53.90	333.37	321.49	11.88	28.067 SF	
2,400.00	2,399.80	2,355.73	2,354.82	6.21	6.35	169.873	-335.76	58.71	343.56	331.37	12.20	28.170	
2,500.00	2,499.80	2,444.51	2,442.73	6.33	6.58	169.199	-346.49	64.84	356.72	344.19	12.52	28.483	
2,600.00	2,599.80	2,532.43	2,529.37	6.46	6.82	168.443	-359.44	72.24	372.83	359.97	12.86	28.990	
2,700.00	2,699.80	2,619.35	2,614.54	6.59	7.08	167.633	-374.51	80.86	391.88	378.67	13.21	29.674	
2,800.00	2,799.80	2,705.13	2,698.04	6.71	7.34	166.797	-391.57	90.61	413.85	400.29	13.55	30.537	
2,900.00	2,899.80	2,801.26	2,791.22	6.83	7.62	165.890	-412.07	102.32	437.49	423.52	13.97	31.313	
3,000.00	2,999.80	2,898.20	2,885.19	6.96	7.90	165.069	-432.74	114.14	461.24	446.85	14.39	32.049	
3,100.00	3,099.80	2,995.14	2,979.15	7.08	8.20	164.328	-453.41	125.96	485.08	470.25	14.83	32.709	
3,200.00	3,199.80	3,092.07	3,073.12	7.20	8.51	163.656	-474.08	137.77	508.98	493.69	15.28	33.303	
3,300.00	3,299.80	3,189.01	3,167.09	7.31	8.84	163.045	-494.75	149.59	532.94	517.19	15.75	33.836	
3,400.00	3,399.80	3,285.94	3,261.05	7.43	9.18	162.486	-515.43	161.40	556.95	540.72	16.23	34.315	
3,500.20	3,500.00	3,383.07	3,355.21	7.55	9.53	161.972	-536.14	173.24	581.06	564.34	16.72	34.747	
3,600.00	3,599.78	3,480.01	3,449.17	7.72	9.90	71.808	-556.81	185.06	604.59	587.37	17.21	35.121	
3,700.00	3,699.64	3,577.43	3,543.61	7.89	10.27	71.392	-577.59	196.93	627.12	609.41	17.70	35.423	
3,800.00	3,799.25	3,675.04	3,638.22	8.08	10.65	71.297	-598.40	208.83	648.57	630.37	18.20	35.639	
3,900.00	3,898.50	3,772.70	3,732.90	8.28	11.05	71.490	-619.23	220.74	668.97	650.27	18.70	35.779	
4,000.00	3,997.27	3,870.31	3,827.52	8.51	11.44	71.946	-640.04	232.64	688.38	669.18	19.20	35.857	
4,100.00	4,095.43	3,967.75	3,921.97	8.76	11.85	72.641	-660.82	244.51	706.92	687.22	19.70	35.886	
4,174.94	4,168.52	4,040.58	3,992.57	8.92	12.15	73.306	-676.35	253.39	720.33	700.28	20.05	35.926	
4,200.00	4,192.89	4,064.90	4,016.14	8.96	12.25	73.632	-681.54	256.36	724.76	704.60	20.16	35.955	
4,300.00	4,290.13	4,161.95	4,110.22	9.20	12.67	74.895	-702.23	268.19	742.67	722.01	20.66	35.940	
4,400.00	4,387.37	4,259.00	4,204.30	9.45	13.08	76.100	-722.93	280.02	760.92	739.75	21.17	35.943	
4,500.00	4,484.60	4,356.05	4,298.38	9.72	13.50	77.249	-743.63	291.85	779.50	757.82	21.68	35.954	
4,600.00	4,581.84	4,453.10	4,392.45	10.01	13.93	78.345	-764.32	303.68	798.36	776.17	22.19	35.972	

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



Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM
Reference Design:	Plan 3	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (01) Bond 33-34 FED COM #306H - #306H - Plan 1													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Rule Assigned:		Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
4,700.00	4,679.08	4,550.15	4,486.53	10.31	14.36	79.391	-785.02	315.51	817.51	794.80	22.71	35.995	
4,800.00	4,776.32	4,647.21	4,580.61	10.63	14.79	80.391	-805.72	327.34	836.91	813.67	23.23	36.024	
4,900.00	4,873.56	4,744.26	4,674.69	10.96	15.22	81.345	-826.41	339.17	856.55	832.79	23.76	36.057	
5,000.00	4,970.80	4,841.31	4,768.77	11.30	15.66	82.258	-847.11	351.00	876.41	852.13	24.28	36.094	
5,100.00	5,068.04	4,938.36	4,862.85	11.65	16.10	83.131	-867.80	362.83	896.48	871.67	24.81	36.134	
5,200.00	5,165.28	5,035.41	4,956.92	12.01	16.54	83.965	-888.50	374.66	916.74	891.40	25.34	36.176	
5,300.00	5,262.52	5,132.46	5,051.00	12.38	16.98	84.765	-909.20	386.49	937.18	911.31	25.87	36.220	
5,400.00	5,359.76	5,229.52	5,145.08	12.76	17.43	85.530	-929.89	398.32	957.80	931.39	26.41	36.266	
5,500.00	5,457.00	5,326.57	5,239.16	13.14	17.87	86.264	-950.59	410.15	978.58	951.63	26.95	36.312	
5,600.00	5,554.23	5,423.62	5,333.24	13.53	18.32	86.967	-971.29	421.98	999.50	972.01	27.49	36.358	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM
Reference Design:	Plan 3	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (02) Bond 33-34 FED COM #304H - #304H - Plan 1													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		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 Centres (usft)	Between Ellipses (usft)			
0.00	0.00	0.00	0.00	0.00	0.00	171.253	-296.62	45.64	300.14				
179.50	179.49	175.57	175.57	1.56	1.28	-158.945	-296.62	45.64	301.34	298.50	2.84	106.056	
279.50	279.49	275.57	275.57	2.01	1.78	157.543	-296.62	45.64	302.56	298.77	3.79	79.894	
372.50	372.48	368.56	368.56	2.54	2.14	-24.406	-296.62	45.64	302.50	298.02	4.48	67.572	
461.50	461.48	457.56	457.56	2.75	2.43	-50.330	-296.62	45.64	301.79	296.82	4.98	60.658	
549.50	549.47	545.55	545.55	2.97	2.70	4.589	-296.62	45.64	300.54	295.10	5.44	55.209	
637.50	637.45	633.53	633.53	3.15	2.94	-35.727	-296.62	45.64	298.97	293.10	5.88	50.883	
726.50	726.45	722.53	722.53	3.31	3.16	73.049	-296.62	45.64	298.28	291.93	6.36	46.925	
815.50	815.44	811.52	811.52	3.54	3.37	-0.304	-296.62	45.64	297.11	290.35	6.75	44.003	
904.50	904.42	900.50	900.50	3.71	3.58	-64.274	-296.62	45.64	295.74	288.57	7.16	41.288	
993.50	993.40	989.48	989.48	3.86	3.77	-38.977	-296.62	45.64	294.61	287.08	7.53	39.110	
1,082.50	1,082.39	1,078.47	1,078.47	4.02	3.95	-84.154	-296.62	45.64	293.83	285.95	7.88	37.269	
1,085.07	1,084.96	1,081.04	1,081.04	4.04	3.96	-90.007	-296.62	45.64	293.83	285.94	7.90	37.216	
1,171.50	1,171.38	1,167.46	1,167.46	4.51	4.13	154.768	-296.62	45.64	294.97	286.71	8.26	35.693	
1,289.50	1,289.33	1,285.41	1,285.41	4.74	4.35	159.249	-296.62	45.64	298.13	289.43	8.70	34.256	
1,300.00	1,299.83	1,295.91	1,295.91	4.74	4.37	159.269	-296.62	45.64	298.42	289.70	8.72	34.206	
1,332.50	1,332.31	1,328.39	1,328.39	4.77	4.43	159.334	-296.62	45.64	299.31	290.50	8.81	33.977	
1,400.00	1,399.80	1,395.88	1,395.88	4.83	4.56	159.420	-296.62	45.64	300.40	291.38	9.02	33.289	
1,416.00	1,415.80	1,411.88	1,411.88	4.83	4.58	171.014	-296.62	45.64	300.44	291.39	9.06	33.169	
1,500.00	1,499.80	1,495.88	1,495.88	4.96	4.73	171.014	-296.62	45.64	300.44	291.10	9.35	32.140	
1,600.00	1,599.80	1,595.88	1,595.88	5.11	4.90	171.014	-296.62	45.64	300.44	290.77	9.68	31.040	
1,700.00	1,699.80	1,695.88	1,695.88	5.25	5.07	171.014	-296.62	45.64	300.44	290.44	10.00	30.039	
1,800.00	1,799.80	1,795.88	1,795.88	5.40	5.24	171.014	-296.62	45.64	300.44	290.13	10.32	29.121	
1,900.00	1,899.80	1,895.88	1,895.88	5.54	5.40	171.014	-296.62	45.64	300.44	289.82	10.63	28.275	
2,000.00	1,999.80	1,995.88	1,995.88	5.67	5.55	171.014	-296.62	45.64	300.44	289.52	10.93	27.494	
2,100.00	2,099.80	2,107.37	2,107.31	5.81	5.97	170.592	-294.23	47.48	298.60	287.25	11.35	26.302	
2,200.00	2,199.80	2,218.62	2,218.15	5.94	6.39	169.229	-286.73	53.28	292.86	281.10	11.76	24.906	
2,300.00	2,299.80	2,328.41	2,326.79	6.08	6.81	166.845	-274.33	62.86	283.55	271.42	12.14	23.363	
2,400.00	2,399.80	2,436.05	2,432.27	6.21	7.16	163.308	-257.40	75.94	271.31	258.87	12.44	21.811	
2,500.00	2,499.80	2,534.93	2,528.36	6.33	7.37	159.064	-238.96	90.18	258.04	245.37	12.67	20.367	
2,600.00	2,599.80	2,632.08	2,622.76	6.46	7.61	154.463	-220.75	104.24	246.27	233.34	12.94	19.036	
2,700.00	2,699.80	2,729.24	2,717.15	6.59	7.88	149.458	-202.55	118.30	236.29	223.10	13.20	17.905	
2,800.00	2,799.80	2,826.40	2,811.55	6.71	8.16	144.078	-184.35	132.36	228.34	214.89	13.45	16.978	
2,900.00	2,899.80	2,923.56	2,905.94	6.83	8.47	138.384	-166.14	146.42	222.64	208.94	13.70	16.249	
3,000.00	2,999.80	3,020.71	3,000.34	6.96	8.78	132.469	-147.94	160.48	219.35	205.39	13.97	15.706	
3,079.56	3,079.36	3,098.01	3,075.44	7.05	9.04	127.682	-133.46	171.67	218.54	204.35	14.19	15.396 CC	
3,100.00	3,099.80	3,117.87	3,094.73	7.08	9.11	126.450	-129.74	174.54	218.60	204.34	14.26	15.331 ES	
3,200.00	3,199.80	3,215.03	3,189.13	7.20	9.46	120.458	-111.53	188.60	220.39	205.80	14.59	15.102	
3,300.00	3,299.80	3,312.18	3,283.53	7.31	9.81	114.620	-93.33	202.66	224.69	209.70	14.98	14.996	
3,400.00	3,399.80	3,409.34	3,377.92	7.43	10.18	109.045	-75.13	216.72	231.33	215.91	15.43	14.993	
3,500.20	3,500.00	3,506.69	3,472.50	7.55	10.55	103.802	-56.89	230.81	240.16	224.23	15.93	15.076	
3,600.00	3,599.78	3,603.89	3,566.94	7.72	10.93	9.600	-38.67	244.88	249.18	232.65	16.52	15.080	
3,700.00	3,699.64	3,701.68	3,661.95	7.89	11.32	5.212	-20.35	259.03	256.42	239.26	17.16	14.946	
3,800.00	3,799.25	3,799.74	3,757.22	8.08	11.72	1.101	-1.98	273.22	261.64	243.80	17.84	14.666	
3,900.00	3,898.50	3,897.95	3,852.64	8.28	12.12	-2.864	16.42	287.43	264.70	246.13	18.57	14.251	
4,000.00	3,997.27	3,996.21	3,948.10	8.51	12.54	-6.808	34.83	301.65	265.59	246.22	19.36	13.717	
4,100.00	4,095.43	4,094.37	4,043.48	8.76	12.95	-10.845	53.22	315.86	264.33	244.13	20.20	13.086	
4,174.94	4,168.52	4,167.81	4,114.83	8.92	13.26	-14.003	66.98	326.48	262.07	241.25	20.81	12.591	
4,200.00	4,192.89	4,192.34	4,138.66	8.96	13.37	-15.084	71.58	330.04	261.18	240.17	21.01	12.431	
4,300.00	4,290.13	4,290.24	4,233.78	9.20	13.79	-19.454	89.92	344.20	258.61	236.73	21.88	11.821	
4,400.00	4,387.37	4,388.14	4,328.89	9.45	14.22	-23.883	108.26	358.37	257.64	234.89	22.75	11.327	
4,410.38	4,397.46	4,398.30	4,338.77	9.48	14.26	-24.344	110.17	359.84	257.63	234.79	22.84	11.281	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM
Reference Design:	Plan 3	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (02) Bond 33-34 FED COM #304H - #304H - Plan 1													Offset Site Error:	0.00 usft	
Survey Program:		0-MWD+IFR1		Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned:				Offset Well Error:	0.00 usft
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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
4,500.00	4,484.60	4,486.04	4,424.01	9.72	14.64	-28.317	126.61	372.54	258.27	234.67	23.61	10.941			
4,600.00	4,581.84	4,583.94	4,519.12	10.01	15.08	-32.704	144.95	386.70	260.51	236.08	24.44	10.661			
4,700.00	4,679.08	4,681.83	4,614.24	10.31	15.51	-36.995	163.29	400.87	264.31	239.08	25.23	10.478			
4,800.00	4,776.32	4,779.73	4,709.35	10.63	15.95	-41.147	181.63	415.04	269.60	243.64	25.96	10.383			
4,900.00	4,873.56	4,877.63	4,804.47	10.96	16.39	-45.124	199.97	429.21	276.30	249.65	26.65	10.368 SF			
5,000.00	4,970.80	4,975.53	4,899.58	11.30	16.83	-48.903	218.32	443.37	284.31	257.03	27.28	10.422			
5,100.00	5,068.04	5,073.43	4,994.70	11.65	17.27	-52.468	236.66	457.54	293.52	265.65	27.86	10.535			
5,200.00	5,165.28	5,171.32	5,089.81	12.01	17.72	-55.810	255.00	471.71	303.82	275.42	28.40	10.699			
5,300.00	5,262.52	5,269.22	5,184.93	12.38	18.17	-58.930	273.34	485.88	315.10	286.21	28.90	10.905			
5,400.00	5,359.76	5,367.12	5,280.04	12.76	18.62	-61.832	291.69	500.04	327.27	297.91	29.36	11.146			
5,500.00	5,457.00	5,465.02	5,375.16	13.14	19.07	-64.525	310.03	514.21	340.23	310.42	29.81	11.415			
5,600.00	5,554.23	5,562.92	5,470.28	13.53	19.52	-67.020	328.37	528.38	353.89	323.65	30.23	11.706			
5,700.00	5,651.47	5,660.81	5,565.39	13.93	19.97	-69.330	346.71	542.55	368.17	337.52	30.64	12.014			
5,800.00	5,748.71	5,758.71	5,660.51	14.33	20.43	-71.468	365.05	556.71	383.00	351.96	31.05	12.336			
5,900.00	5,845.95	5,856.61	5,755.62	14.74	20.88	-73.446	383.40	570.88	398.33	366.89	31.45	12.667			
6,000.00	5,943.19	5,954.51	5,850.74	15.16	21.34	-75.279	401.74	585.05	414.10	382.25	31.84	13.004			
6,100.00	6,040.43	6,052.41	5,945.85	15.57	21.80	-76.978	420.08	599.22	430.25	398.01	32.24	13.345			
6,200.00	6,137.67	6,150.31	6,040.97	15.99	22.25	-78.554	438.42	613.38	446.75	414.11	32.64	13.687			
6,300.00	6,234.91	6,248.20	6,136.08	16.42	22.71	-80.019	456.77	627.55	463.57	430.52	33.04	14.029			
6,400.00	6,332.15	6,346.10	6,231.20	16.85	23.17	-81.382	475.11	641.72	480.65	447.21	33.45	14.370			
6,500.00	6,429.39	6,444.00	6,326.31	17.28	23.64	-82.651	493.45	655.89	497.99	464.13	33.86	14.707			
6,600.00	6,526.63	6,541.90	6,421.43	17.72	24.10	-83.836	511.79	670.05	515.55	481.28	34.28	15.040			
6,707.83	6,631.48	6,647.46	6,523.99	18.19	24.60	-85.026	531.57	685.33	534.72	499.97	34.74	15.391			
6,800.00	6,721.43	6,737.80	6,611.76	18.61	25.02	-86.162	548.50	698.40	551.37	516.21	35.15	15.685			
6,900.00	6,819.71	6,839.02	6,710.11	19.05	25.50	-87.020	567.43	713.03	569.70	534.04	35.66	15.975			
7,000.00	6,918.56	6,969.49	6,838.00	19.48	26.13	-87.772	587.76	728.73	585.03	548.75	36.28	16.124			
7,100.00	7,017.89	7,101.57	6,968.95	19.89	26.75	-88.472	601.26	739.16	595.06	558.31	36.75	16.192			
7,200.00	7,117.55	7,234.45	7,101.56	20.27	27.21	-89.136	607.58	744.04	599.69	562.73	36.96	16.227			
7,300.00	7,217.44	7,346.41	7,213.52	20.61	27.33	-89.614	608.07	744.41	600.01	563.03	36.98	16.225			
7,382.57	7,300.00	7,428.97	7,296.08	20.75	27.37	-0.335	608.07	744.41	600.00	562.94	37.06	16.191			
7,400.00	7,317.43	7,446.40	7,313.51	20.75	27.37	-0.335	608.07	744.41	600.00	562.93	37.07	16.185			
7,500.00	7,417.43	7,546.40	7,413.51	20.80	27.41	-0.335	608.07	744.41	600.00	562.79	37.21	16.126			
7,600.00	7,517.43	7,646.40	7,513.51	20.84	27.46	-0.335	608.07	744.41	600.00	562.67	37.33	16.073			
7,700.00	7,617.43	7,746.40	7,613.51	20.89	27.50	-0.335	608.07	744.41	600.00	562.55	37.45	16.021			
7,800.00	7,717.43	7,846.40	7,713.51	20.93	27.54	-0.335	608.07	744.41	600.00	562.43	37.57	15.968			
7,900.00	7,817.43	7,946.40	7,813.51	20.97	27.58	-0.335	608.07	744.41	600.00	562.30	37.70	15.916			
8,000.00	7,917.43	8,046.40	7,913.51	21.02	27.62	-0.335	608.07	744.41	600.00	562.18	37.82	15.864			
8,100.00	8,017.43	8,146.40	8,013.51	21.06	27.67	-0.335	608.07	744.41	600.00	562.06	37.94	15.813			
8,200.00	8,117.43	8,246.40	8,113.51	21.11	27.71	-0.335	608.07	744.41	600.00	561.93	38.07	15.761			
8,300.00	8,217.43	8,346.40	8,213.51	21.15	27.75	-0.335	608.07	744.41	600.00	561.81	38.19	15.710			
8,400.00	8,317.43	8,446.40	8,313.51	21.19	27.80	-0.335	608.07	744.41	600.00	561.68	38.32	15.659			
8,500.00	8,417.43	8,546.40	8,413.51	21.24	27.84	-0.335	608.07	744.41	600.00	561.56	38.44	15.608			
8,600.00	8,517.43	8,646.40	8,513.51	21.28	27.88	-0.335	608.07	744.41	600.00	561.43	38.57	15.558			
8,700.00	8,617.43	8,746.40	8,613.51	21.33	27.93	-0.335	608.07	744.41	600.00	561.31	38.69	15.508			
8,800.00	8,717.43	8,846.40	8,713.51	21.38	27.97	-0.335	608.07	744.41	600.00	561.18	38.82	15.457			
8,869.61	8,787.04	8,916.02	8,783.12	21.40	28.00	-0.335	608.07	744.41	600.00	561.09	38.91	15.419			
8,900.00	8,817.41	8,946.39	8,813.49	21.45	28.01	-90.241	608.07	744.41	600.00	561.08	38.93	15.413			
8,950.00	8,867.16	8,996.14	8,863.24	21.67	28.04	-90.695	608.07	744.41	600.04	561.13	38.91	15.421			
9,000.00	8,916.31	9,045.28	8,912.39	21.91	28.06	-91.534	608.07	744.41	600.22	561.38	38.85	15.451			
9,050.00	8,964.46	9,093.44	8,960.54	22.17	28.08	-92.711	608.07	744.41	600.74	562.00	38.74	15.507			
9,100.00	9,011.27	9,140.24	9,007.35	22.44	28.10	-94.160	608.07	744.41	601.87	563.27	38.60	15.592			
9,150.00	9,056.37	9,185.34	9,052.45	22.72	28.12	-95.793	608.07	744.41	603.95	565.50	38.45	15.708			

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



Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM
Reference Design:	Plan 3	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (02) Bond 33-34 FED COM #304H - #304H - Plan 1													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis			Offset Wellbore Centre		Distance			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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		
9,200.00	9,099.42	9,228.39	9,095.50	22.99	28.14	-97.511	608.07	744.41	607.37	569.08	38.29	15.861	
9,250.00	9,140.09	9,269.07	9,136.17	23.25	28.16	-99.202	608.07	744.41	612.56	574.40	38.16	16.052	
9,300.00	9,178.08	9,307.05	9,174.16	23.50	28.17	-100.754	608.07	744.41	619.92	581.86	38.06	16.286	
9,350.00	9,213.09	9,342.06	9,209.17	23.74	28.19	-102.051	608.07	744.41	629.84	591.82	38.02	16.566	
9,400.00	9,244.86	9,373.83	9,240.94	23.96	28.20	-102.989	608.07	744.41	642.63	604.59	38.04	16.893	
9,450.00	9,273.14	9,402.12	9,269.22	24.15	28.22	-103.465	608.07	744.41	658.52	620.39	38.13	17.271	
9,500.00	9,297.73	9,426.70	9,293.81	24.33	28.23	-103.385	608.07	744.41	677.62	639.33	38.28	17.701	
9,550.00	9,318.42	9,447.40	9,314.50	24.48	28.24	-102.661	608.07	744.41	699.92	661.43	38.49	18.183	
9,600.00	9,335.08	9,464.05	9,331.16	24.61	28.24	-101.208	608.07	744.41	725.31	686.56	38.75	18.716	
9,650.00	9,347.56	9,476.53	9,343.64	24.70	28.25	-98.950	608.07	744.41	753.57	714.52	39.05	19.297	
9,700.00	9,355.78	9,484.75	9,351.86	24.77	28.25	-95.827	608.07	744.41	784.38	745.02	39.37	19.924	
9,750.00	9,359.66	9,488.64	9,355.74	24.81	28.26	-91.814	608.07	744.41	817.37	777.68	39.69	20.592	
9,769.61	9,360.00	9,488.97	9,356.08	24.82	28.26	-90.000	608.07	744.41	830.81	790.99	39.82	20.864	
9,800.00	9,360.00	9,488.97	9,356.08	24.83	28.26	-90.000	608.07	744.41	852.23	812.21	40.02	21.297	
9,900.00	9,360.00	9,488.97	9,356.08	24.87	28.26	-90.000	608.07	744.41	927.69	887.03	40.67	22.810	
9,962.72	9,360.00	9,488.97	9,356.08	24.93	28.26	-90.000	608.07	744.41	978.32	937.26	41.06	23.829	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM
Reference Design:	Plan 3	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (03) Bond 33-34 FED COM #106H - #106H - Plan 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IFR1												Offset Well Error:	0.00 usft
Rule Assigned:												Warning	
Measured Depth (usft)	Vertical Depth (usft)	Offset Measured Depth (usft)	Offset Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	171.259	-276.62	42.53	279.90				
179.50	179.49	175.80	175.80	1.56	1.29	-158.945	-276.62	42.53	281.10	278.26	2.84	98.880	
279.50	279.49	275.80	275.80	2.01	1.78	157.542	-276.62	42.53	282.32	278.53	3.79	74.529	
372.50	372.48	368.79	368.79	2.54	2.14	-24.408	-276.62	42.53	282.26	277.78	4.48	63.039	
461.50	461.48	457.79	457.79	2.75	2.44	-50.338	-276.62	42.53	281.55	276.58	4.98	56.581	
549.50	549.47	545.78	545.78	2.97	2.70	4.580	-276.62	42.53	280.30	274.86	5.44	51.485	
637.50	637.45	633.76	633.76	3.15	2.94	-35.739	-276.62	42.53	278.73	272.85	5.88	47.433	
726.50	726.45	722.76	722.76	3.31	3.16	73.040	-276.62	42.53	278.04	271.69	6.36	43.737	
815.50	815.44	811.75	811.75	3.54	3.38	-0.304	-276.62	42.53	276.87	270.11	6.75	41.002	
904.50	904.42	900.73	900.73	3.71	3.58	-64.286	-276.62	42.53	275.49	268.33	7.16	38.460	
993.50	993.40	989.71	989.71	3.86	3.77	-39.009	-276.62	42.53	274.37	266.84	7.53	36.420	
1,082.50	1,082.39	1,078.70	1,078.70	4.02	3.95	-84.200	-276.62	42.53	273.59	265.71	7.88	34.700	
1,085.05	1,084.94	1,081.25	1,081.25	4.04	3.96	-90.008	-276.62	42.53	273.59	265.70	7.90	34.651 CC	
1,171.50	1,171.38	1,167.69	1,167.69	4.51	4.13	154.726	-276.62	42.53	274.73	266.47	8.26	33.241	
1,289.50	1,289.33	1,285.64	1,285.64	4.74	4.35	159.226	-276.62	42.53	277.89	269.19	8.70	31.929	
1,300.00	1,299.83	1,296.14	1,296.14	4.74	4.37	159.248	-276.62	42.53	278.18	269.45	8.72	31.884	
1,332.50	1,332.31	1,328.62	1,328.62	4.77	4.43	159.317	-276.62	42.53	279.07	270.26	8.81	31.677	
1,400.00	1,399.80	1,396.11	1,396.11	4.83	4.56	159.409	-276.62	42.53	280.16	271.14	9.02	31.045	
1,416.00	1,415.80	1,412.11	1,412.11	4.83	4.58	171.003	-276.62	42.53	280.20	271.15	9.06	30.932	
1,500.00	1,499.80	1,496.11	1,496.11	4.96	4.73	171.003	-276.62	42.53	280.20	270.86	9.35	29.973	
1,600.00	1,599.80	1,596.11	1,596.11	5.11	4.90	171.003	-276.62	42.53	280.20	270.52	9.68	28.948	
1,700.00	1,699.80	1,696.11	1,696.11	5.25	5.07	171.003	-276.62	42.53	280.20	270.20	10.00	28.014	
1,800.00	1,799.80	1,796.11	1,796.11	5.40	5.24	171.003	-276.62	42.53	280.20	269.89	10.32	27.158	
1,900.00	1,899.80	1,897.57	1,897.55	5.54	5.48	171.339	-276.62	40.87	279.95	269.33	10.62	26.364	
2,000.00	1,999.80	1,997.54	1,997.46	5.67	5.63	172.046	-276.62	37.38	279.45	268.55	10.90	25.642	
2,100.00	2,099.80	2,097.48	2,097.34	5.81	5.79	172.755	-276.62	33.89	278.99	267.81	11.17	24.970	
2,200.00	2,199.80	2,197.42	2,197.22	5.94	5.96	173.467	-276.62	30.41	278.57	267.12	11.44	24.343	
2,300.00	2,299.80	2,297.36	2,297.10	6.08	6.15	174.180	-276.62	26.92	278.19	266.48	11.71	23.755	
2,400.00	2,399.80	2,397.30	2,396.97	6.21	6.34	174.896	-276.62	23.43	277.86	265.89	11.97	23.205	
2,500.00	2,499.80	2,497.24	2,496.85	6.33	6.55	175.613	-276.62	19.94	277.57	265.34	12.23	22.687	
2,513.52	2,513.32	2,510.02	2,509.63	6.35	6.57	175.703	-276.63	19.51	277.55	265.28	12.27	22.622 ES	
2,600.00	2,599.80	2,590.43	2,590.00	6.46	6.75	176.098	-277.65	17.66	278.50	266.02	12.48	22.313	
2,700.00	2,699.80	2,683.35	2,682.87	6.59	6.91	176.185	-280.88	17.45	281.95	269.22	12.73	22.153 SF	
2,800.00	2,799.80	2,776.03	2,775.37	6.71	6.99	175.888	-286.27	19.30	287.89	274.90	12.99	22.156	
2,900.00	2,899.80	2,868.28	2,867.23	6.83	7.05	175.240	-293.80	23.18	296.36	283.09	13.27	22.327	
3,000.00	2,999.80	2,959.92	2,958.16	6.96	7.11	174.292	-303.41	29.05	307.40	293.84	13.56	22.670	
3,100.00	3,099.80	3,050.75	3,047.91	7.08	7.19	173.102	-315.01	36.84	321.08	307.22	13.85	23.178	
3,200.00	3,199.80	3,140.62	3,136.23	7.20	7.34	171.732	-328.51	46.46	337.45	323.30	14.15	23.845	
3,300.00	3,299.80	3,229.61	3,223.14	7.31	7.50	170.241	-343.85	57.87	356.58	342.16	14.42	24.726	
3,400.00	3,399.80	3,326.95	3,317.89	7.43	7.69	168.652	-361.64	71.31	377.19	362.45	14.74	25.593	
3,500.20	3,500.00	3,424.48	3,412.84	7.55	7.91	167.225	-379.46	84.78	398.08	382.99	15.09	26.382	
3,600.00	3,599.78	3,521.85	3,507.61	7.72	8.15	76.374	-397.26	98.22	418.71	403.26	15.45	27.095	
3,700.00	3,699.64	3,619.76	3,602.93	7.89	8.40	75.476	-415.15	111.74	438.66	422.84	15.83	27.714	
3,800.00	3,799.25	3,717.92	3,698.47	8.08	8.68	75.069	-433.09	125.29	457.77	441.55	16.22	28.218	
3,900.00	3,898.50	3,816.19	3,794.13	8.28	8.96	75.096	-451.05	138.86	476.00	459.37	16.64	28.614	
4,000.00	3,997.27	3,914.45	3,889.78	8.51	9.26	75.509	-469.00	152.43	493.41	476.34	17.06	28.916	
4,100.00	4,095.43	4,012.60	3,985.32	8.76	9.57	76.265	-486.94	165.98	510.08	492.57	17.50	29.140	
4,174.94	4,168.52	4,086.00	4,056.77	8.92	9.81	77.036	-500.35	176.11	522.18	504.36	17.82	29.306	
4,200.00	4,192.89	4,110.52	4,080.63	8.96	9.89	77.397	-504.83	179.50	526.19	508.28	17.91	29.373	
4,300.00	4,290.13	4,208.35	4,175.86	9.20	10.22	78.788	-522.71	193.01	542.40	524.02	18.38	29.513	
4,400.00	4,387.37	4,306.18	4,271.09	9.45	10.57	80.098	-540.59	206.51	558.91	540.06	18.84	29.659	
4,500.00	4,484.60	4,404.01	4,366.32	9.72	10.92	81.333	-558.47	220.02	575.68	556.37	19.32	29.803	

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



Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM
Reference Design:	Plan 3	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (03) Bond 33-34 FED COM #106H - #106H - Plan 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IFR1												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		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 Centres (usft)	Between Ellipses (usft)			
4,600.00	4,581.84	4,501.84	4,461.55	10.01	11.28	82.499	-576.35	233.53	592.71	572.92	19.79	29.945	
4,700.00	4,679.08	4,599.67	4,556.78	10.31	11.65	83.601	-594.23	247.04	609.97	589.69	20.28	30.084	
4,800.00	4,776.32	4,697.50	4,652.01	10.63	12.02	84.642	-612.10	260.54	627.43	606.67	20.76	30.221	
4,900.00	4,873.56	4,795.33	4,747.24	10.96	12.40	85.627	-629.98	274.05	645.09	623.84	21.25	30.355	
5,000.00	4,970.80	4,893.16	4,842.47	11.30	12.79	86.560	-647.86	287.56	662.92	641.18	21.74	30.487	
5,100.00	5,068.04	4,990.99	4,937.70	11.65	13.18	87.445	-665.74	301.06	680.92	658.68	22.24	30.615	
5,200.00	5,165.28	5,088.82	5,032.93	12.01	13.58	88.284	-683.62	314.57	699.07	676.33	22.74	30.740	
5,300.00	5,262.52	5,186.65	5,128.16	12.38	13.98	89.081	-701.50	328.08	717.36	694.11	23.24	30.862	
5,400.00	5,359.76	5,284.48	5,223.39	12.76	14.39	89.839	-719.37	341.59	735.77	712.02	23.75	30.980	
5,500.00	5,457.00	5,382.31	5,318.62	13.14	14.80	90.559	-737.25	355.09	754.31	730.05	24.26	31.094	
5,600.00	5,554.23	5,480.15	5,413.85	13.53	15.22	91.246	-755.13	368.60	772.96	748.19	24.77	31.205	
5,700.00	5,651.47	5,577.98	5,509.08	13.93	15.64	91.900	-773.01	382.11	791.71	766.42	25.29	31.311	
5,800.00	5,748.71	5,675.81	5,604.31	14.33	16.06	92.524	-790.89	395.61	810.55	784.75	25.80	31.414	
5,900.00	5,845.95	5,773.64	5,699.54	14.74	16.48	93.120	-808.77	409.12	829.49	803.16	26.32	31.513	
6,000.00	5,943.19	5,871.47	5,794.77	15.16	16.91	93.690	-826.64	422.63	848.50	821.66	26.85	31.607	
6,100.00	6,040.43	5,969.30	5,890.00	15.57	17.34	94.234	-844.52	436.14	867.60	840.23	27.37	31.698	
6,200.00	6,137.67	6,067.13	5,985.23	15.99	17.77	94.756	-862.40	449.64	886.77	858.87	27.90	31.786	
6,300.00	6,234.91	6,164.96	6,080.46	16.42	18.21	95.255	-880.28	463.15	906.00	877.57	28.43	31.869	
6,400.00	6,332.15	6,262.79	6,175.69	16.85	18.64	95.734	-898.16	476.66	925.30	896.34	28.96	31.949	
6,500.00	6,429.39	6,360.62	6,270.92	17.28	19.08	96.193	-916.04	490.16	944.66	915.17	29.50	32.026	
6,600.00	6,526.63	6,458.45	6,366.15	17.72	19.52	96.634	-933.91	503.67	964.08	934.04	30.03	32.099	
6,707.83	6,631.48	6,563.94	6,468.84	18.19	20.00	97.089	-953.19	518.24	985.08	954.45	30.62	32.167	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM
Reference Design:	Plan 3	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (04) Bond 33-34 FED COM #104H - #104H - Plan 1													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		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 Centres (usft)	Between Ellipses (usft)			
0.00	0.00	0.00	0.00	0.00	0.00	171.270	-256.63	39.41	259.66				
179.50	179.49	176.42	176.42	1.56	1.29	-158.943	-256.63	39.41	260.87	258.02	2.85	91.631	
279.50	279.49	276.42	276.42	2.01	1.79	157.544	-256.63	39.41	262.09	258.29	3.79	69.137	
372.50	372.48	369.41	369.41	2.54	2.14	-24.406	-256.63	39.41	262.03	257.55	4.48	58.491	
461.50	461.48	458.41	458.41	2.75	2.44	-50.344	-256.63	39.41	261.32	256.34	4.98	52.495	
549.50	549.47	546.40	546.40	2.97	2.70	4.572	-256.63	39.41	260.07	254.63	5.45	47.753	
637.50	637.45	634.38	634.38	3.15	2.94	-35.751	-256.63	39.41	258.50	252.62	5.88	43.978	
726.50	726.45	723.38	723.38	3.31	3.16	73.032	-256.63	39.41	257.81	251.45	6.36	40.545	
815.50	815.44	812.37	812.37	3.54	3.38	-0.302	-256.63	39.41	256.63	249.88	6.75	37.998	
904.50	904.42	901.35	901.35	3.71	3.58	-64.297	-256.63	39.41	255.26	248.10	7.16	35.629	
993.50	993.40	990.33	990.33	3.86	3.77	-39.043	-256.63	39.41	254.14	246.60	7.53	33.729	
1,082.50	1,082.39	1,079.32	1,079.32	4.02	3.95	-84.250	-256.63	39.41	253.36	245.48	7.89	32.129	
1,085.03	1,084.92	1,081.85	1,081.85	4.04	3.96	-90.008	-256.63	39.41	253.36	245.46	7.90	32.084	
1,171.50	1,171.38	1,168.31	1,168.31	4.51	4.13	154.679	-256.63	39.41	254.50	246.23	8.27	30.788	
1,289.50	1,289.33	1,286.26	1,286.26	4.74	4.35	159.202	-256.63	39.41	257.66	248.96	8.70	29.600	
1,300.00	1,299.83	1,296.76	1,296.76	4.74	4.37	159.226	-256.63	39.41	257.95	249.22	8.73	29.561	
1,332.50	1,332.31	1,329.24	1,329.24	4.77	4.43	159.300	-256.63	39.41	258.83	250.02	8.81	29.377	
1,400.00	1,399.80	1,396.73	1,396.73	4.83	4.56	159.399	-256.63	39.41	259.93	250.90	9.03	28.799	
1,416.00	1,415.80	1,412.73	1,412.73	4.83	4.59	170.993	-256.63	39.41	259.97	250.91	9.06	28.695	
1,500.00	1,499.80	1,496.73	1,496.73	4.96	4.73	170.993	-256.63	39.41	259.97	250.62	9.35	27.805	
1,600.00	1,599.80	1,596.73	1,596.73	5.11	4.91	170.993	-256.63	39.41	259.97	250.29	9.68	26.855	
1,700.00	1,699.80	1,696.73	1,696.73	5.25	5.07	170.993	-256.63	39.41	259.97	249.97	10.00	25.988	
1,800.00	1,799.80	1,796.73	1,796.73	5.40	5.24	170.993	-256.63	39.41	259.97	249.65	10.32	25.194	
1,900.00	1,899.80	1,896.73	1,896.73	5.54	5.40	170.993	-256.63	39.41	259.97	249.35	10.63	24.463	
2,000.00	1,999.80	1,996.73	1,996.73	5.67	5.55	170.993	-256.63	39.41	259.97	249.04	10.93	23.787	
2,100.00	2,099.80	2,096.73	2,096.73	5.81	5.71	170.993	-256.63	39.41	259.97	248.75	11.23	23.159	
2,200.00	2,199.80	2,196.73	2,196.73	5.94	5.86	170.993	-256.63	39.41	259.97	248.46	11.52	22.574	
2,300.00	2,299.80	2,296.73	2,296.73	6.08	6.01	170.993	-256.63	39.41	259.97	248.17	11.80	22.026	
2,400.00	2,399.80	2,396.73	2,396.73	6.21	6.15	170.993	-256.63	39.41	259.97	247.89	12.08	21.513	
2,500.00	2,499.80	2,496.73	2,496.73	6.33	6.29	170.993	-256.63	39.41	259.97	247.61	12.36	21.031	
2,600.00	2,599.80	2,597.36	2,597.33	6.46	6.53	170.579	-256.21	41.25	259.85	247.22	12.63	20.577	
2,700.00	2,699.80	2,697.69	2,697.49	6.59	6.77	169.284	-254.91	46.97	259.57	246.68	12.89	20.144	
2,798.92	2,798.72	2,796.33	2,795.65	6.71	7.02	167.150	-252.76	56.40	259.39	246.25	13.14	19.737	
2,800.00	2,799.80	2,797.41	2,796.72	6.71	7.02	167.122	-252.73	56.52	259.39	246.24	13.14	19.733	
2,900.00	2,899.80	2,896.62	2,895.15	6.83	7.18	164.391	-249.98	68.59	259.69	246.30	13.39	19.392	
3,000.00	2,999.80	2,995.82	2,993.57	6.96	7.37	161.655	-247.21	80.73	260.60	246.95	13.65	19.085	
3,100.00	3,099.80	3,095.03	3,092.00	7.08	7.58	158.945	-244.44	92.86	262.11	248.19	13.92	18.829	
3,200.00	3,199.80	3,194.24	3,190.42	7.20	7.81	156.271	-241.67	105.00	264.21	250.02	14.19	18.619	
3,300.00	3,299.80	3,293.45	3,288.85	7.31	8.05	153.644	-238.90	117.14	266.88	252.42	14.47	18.448	
3,400.00	3,399.80	3,392.66	3,387.27	7.43	8.30	151.073	-236.13	129.28	270.11	255.36	14.75	18.313	
3,500.20	3,500.00	3,492.07	3,485.90	7.55	8.57	148.562	-233.36	141.44	273.89	258.84	15.04	18.206	
3,600.00	3,599.78	3,591.27	3,584.32	7.72	8.85	56.978	-230.59	153.58	277.21	261.86	15.35	18.059	
3,700.00	3,699.64	3,690.98	3,683.24	7.89	9.14	55.439	-227.81	165.78	278.93	263.28	15.65	17.822	
3,800.00	3,799.25	3,790.88	3,782.34	8.08	9.45	54.526	-225.02	178.01	278.81	262.85	15.96	17.473	
3,900.00	3,898.50	3,890.84	3,881.51	8.28	9.76	54.226	-222.23	190.24	276.69	260.43	16.26	17.016	
4,000.00	3,997.27	3,990.74	3,980.62	8.51	10.08	54.547	-219.44	202.46	272.55	255.99	16.56	16.460	
4,100.00	4,095.43	4,090.46	4,079.56	8.76	10.40	55.521	-216.66	214.66	266.42	249.58	16.84	15.821	
4,174.94	4,168.52	4,165.00	4,153.51	8.92	10.65	56.717	-214.58	223.78	260.60	243.60	17.01	15.323	
4,200.00	4,192.89	4,189.90	4,178.20	8.96	10.74	57.155	-213.88	226.83	258.50	241.46	17.05	15.163	
4,300.00	4,290.13	4,289.23	4,276.75	9.20	11.07	58.978	-211.11	238.98	250.28	233.00	17.28	14.481	
4,400.00	4,387.37	4,388.56	4,375.30	9.45	11.42	60.921	-208.34	251.14	242.33	224.82	17.51	13.841	
4,500.00	4,484.60	4,487.89	4,473.85	9.72	11.77	62.993	-205.56	263.29	234.67	216.95	17.73	13.239	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM
Reference Design:	Plan 3	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (04) Bond 33-34 FED COM #104H - #104H - Plan 1													Offset Site Error:	0.00 usft		
Survey Program:		0-MWD+IFR1		Reference		Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned:		Distance	Offset Well Error:	0.00 usft
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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning			
4,600.00	4,581.84	4,587.23	4,572.39	10.01	12.12	65.201	-202.79	275.44	227.34	209.41	17.94	12.675				
4,700.00	4,679.08	4,686.56	4,670.94	10.31	12.48	67.550	-200.02	287.60	220.37	202.23	18.14	12.146				
4,800.00	4,776.32	4,785.89	4,769.49	10.63	12.84	70.047	-197.25	299.75	213.80	195.45	18.35	11.651				
4,900.00	4,873.56	4,885.22	4,868.03	10.96	13.20	72.696	-194.48	311.91	207.66	189.10	18.56	11.186				
5,000.00	4,970.80	4,984.56	4,966.58	11.30	13.57	75.497	-191.70	324.06	202.00	183.21	18.79	10.749				
5,100.00	5,068.04	5,083.89	5,065.13	11.65	13.94	78.452	-188.93	336.21	196.85	177.80	19.05	10.336				
5,200.00	5,165.28	5,183.22	5,163.67	12.01	14.31	81.554	-186.16	348.37	192.25	172.91	19.34	9.941				
5,300.00	5,262.52	5,282.55	5,262.22	12.38	14.69	84.797	-183.39	360.52	188.25	168.56	19.69	9.561				
5,400.00	5,359.76	5,381.88	5,360.77	12.76	15.07	88.167	-180.61	372.68	184.88	164.77	20.11	9.192				
5,500.00	5,457.00	5,481.22	5,459.32	13.14	15.45	91.649	-177.84	384.83	182.18	161.56	20.62	8.833				
5,600.00	5,554.23	5,580.55	5,557.86	13.53	15.83	95.220	-175.07	396.98	180.19	158.95	21.24	8.484				
5,700.00	5,651.47	5,679.88	5,656.41	13.93	16.21	98.855	-172.30	409.14	178.91	156.95	21.96	8.146				
5,800.00	5,748.71	5,779.21	5,754.96	14.33	16.60	102.528	-169.52	421.29	178.38	155.57	22.80	7.823				
5,821.98	5,770.09	5,801.05	5,776.62	14.42	16.69	103.337	-168.91	423.96	178.36	155.36	23.00	7.754				
5,900.00	5,845.95	5,878.55	5,853.50	14.74	16.99	106.206	-166.75	433.45	178.58	154.83	23.75	7.519				
6,000.00	5,943.19	5,977.88	5,952.05	15.16	17.38	109.862	-163.98	445.60	179.54	154.73	24.80	7.239				
6,100.00	6,040.43	6,077.21	6,050.60	15.57	17.77	113.464	-161.21	457.75	181.22	155.28	25.94	6.986				
6,200.00	6,137.67	6,176.54	6,149.14	15.99	18.16	116.988	-158.43	469.91	183.61	156.46	27.15	6.763				
6,300.00	6,234.91	6,275.88	6,247.69	16.42	18.55	120.410	-155.66	482.06	186.69	158.28	28.41	6.572				
6,400.00	6,332.15	6,375.21	6,346.24	16.85	18.95	123.710	-152.89	494.22	190.42	160.71	29.70	6.411				
6,500.00	6,429.39	6,474.54	6,444.79	17.28	19.35	126.876	-150.12	506.37	194.76	163.74	31.02	6.279				
6,600.00	6,526.63	6,573.87	6,543.33	17.72	19.74	129.896	-147.34	518.52	199.67	167.33	32.34	6.174				
6,707.83	6,631.48	6,680.98	6,649.60	18.19	20.17	132.983	-144.35	531.63	205.56	171.80	33.76	6.089				
6,800.00	6,721.43	6,772.69	6,740.58	18.61	20.54	135.265	-141.80	542.85	210.00	175.10	34.90	6.018				
6,900.00	6,819.71	6,872.45	6,839.55	19.05	20.94	137.000	-139.01	555.06	212.69	176.71	35.98	5.912				
7,000.00	6,918.56	6,972.37	6,938.68	19.48	21.34	138.040	-136.22	567.28	212.95	176.05	36.90	5.771				
7,100.00	7,017.89	7,072.33	7,037.85	19.89	21.75	138.422	-133.43	579.51	210.67	173.00	37.67	5.592				
7,200.00	7,117.55	7,172.20	7,136.93	20.27	22.15	138.138	-130.65	591.73	205.78	167.51	38.27	5.378				
7,300.00	7,217.44	7,271.86	7,235.81	20.61	22.56	137.131	-127.86	603.93	198.32	159.67	38.65	5.131				
7,382.57	7,300.00	7,353.92	7,317.21	20.75	22.89	-134.935	-125.57	613.97	190.31	151.61	38.70	4.917				
7,400.00	7,317.43	7,371.21	7,334.36	20.75	22.96	-135.287	-125.09	616.08	188.46	149.78	38.67	4.873				
7,500.00	7,417.43	7,470.42	7,432.79	20.80	23.36	-137.449	-122.32	628.22	177.97	139.47	38.49	4.623				
7,600.00	7,517.43	7,569.52	7,531.11	20.84	23.76	-139.874	-119.56	640.35	167.76	129.58	38.18	4.394				
7,700.00	7,617.43	7,664.11	7,625.16	20.89	24.14	-142.051	-117.32	650.13	159.40	121.57	37.82	4.214				
7,800.00	7,717.43	7,759.34	7,720.16	20.93	24.50	-143.584	-115.87	656.49	154.14	116.54	37.60	4.099				
7,900.00	7,817.43	7,854.92	7,815.68	20.97	24.75	-144.305	-115.22	659.34	151.83	114.31	37.52	4.046				
8,000.00	7,917.43	7,969.21	7,929.67	21.02	25.13	-146.052	-114.08	665.69	148.05	110.45	37.60	3.938				
8,100.00	8,017.43	8,084.68	8,041.39	21.06	25.74	-155.142	-109.06	693.66	131.90	96.63	35.27	3.740				
8,200.00	8,117.43	8,185.50	8,132.58	21.11	26.30	-173.620	-101.52	735.67	111.78	81.59	30.19	3.702				
8,266.58	8,184.01	8,243.19	8,180.94	21.14	26.61	169.831	-95.98	766.59	105.72	77.49	28.23	3.745 CC, ES				
8,300.00	8,217.43	8,269.35	8,201.78	21.15	26.75	161.323	-93.18	782.15	107.63	78.47	29.16	3.692 SF				
8,400.00	8,317.43	8,337.43	8,252.41	21.19	27.10	139.737	-85.16	826.89	136.99	101.51	35.48	3.862				
8,500.00	8,417.43	8,392.37	8,289.11	21.24	27.35	125.823	-77.95	867.10	193.10	154.42	38.68	4.992				
8,600.00	8,517.43	8,436.86	8,315.86	21.28	27.54	117.353	-71.67	902.08	263.68	224.30	39.37	6.697				
8,700.00	8,617.43	8,473.23	8,335.62	21.33	27.68	111.984	-66.28	932.12	342.27	303.03	39.25	8.721				
8,800.00	8,717.43	8,500.00	8,348.91	21.38	27.78	108.741	-62.18	955.00	425.87	387.13	38.74	10.993				
8,869.61	8,787.04	8,521.22	8,358.67	21.40	27.85	106.523	-58.85	973.54	486.07	447.41	38.66	12.571				
8,900.00	8,817.41	8,528.77	8,361.97	21.45	27.87	14.602	-57.65	980.23	512.40	473.84	38.56	13.287				
8,950.00	8,867.16	8,550.00	8,370.77	21.67	27.94	11.425	-54.24	999.24	554.63	515.89	38.75	14.314				
9,000.00	8,916.31	8,550.00	8,370.77	21.91	27.94	10.140	-54.24	999.24	595.07	557.07	38.00	15.659				
9,050.00	8,964.46	8,570.75	8,378.67	22.17	28.00	8.282	-50.85	1,018.12	633.74	595.69	38.05	16.656				
9,100.00	9,011.27	8,586.10	8,384.07	22.44	28.04	7.037	-48.32	1,032.27	670.59	632.74	37.84	17.720				

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM
Reference Design:	Plan 3	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (04) Bond 33-34 FED COM #104H - #104H - Plan 1													Offset Site Error:	0.00 usft	
Survey Program:		0-MWD+IFR1		Offset			Semi Major Axis		Offset Wellbore Centre		Rule Assigned:			Offset Well Error:	0.00 usft
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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
9,150.00	9,056.37	8,600.00	8,388.62	22.72	28.07	6.088	-46.00	1,045.20	705.45	667.89	37.56	18.783			
9,200.00	9,099.42	8,618.32	8,394.13	22.99	28.11	5.218	-42.91	1,062.39	738.20	700.81	37.40	19.740			
9,250.00	9,140.09	8,635.05	8,398.68	23.25	28.15	4.537	-40.07	1,078.24	768.78	731.63	37.16	20.690			
9,300.00	9,178.08	8,650.00	8,402.34	23.50	28.18	4.001	-37.51	1,092.51	797.12	760.27	36.85	21.632			
9,350.00	9,213.09	8,669.48	8,406.54	23.74	28.21	3.475	-34.15	1,111.23	823.10	786.44	36.66	22.451			
9,400.00	9,244.86	8,700.00	8,411.81	23.96	28.25	2.862	-28.84	1,140.81	846.94	810.17	36.77	23.032			
9,450.00	9,273.14	8,700.00	8,411.81	24.15	28.25	2.749	-28.84	1,140.81	867.88	831.86	36.02	24.091			
9,500.00	9,297.73	8,722.95	8,414.72	24.33	28.27	2.354	-24.82	1,163.22	886.49	850.58	35.90	24.691			
9,550.00	9,318.42	8,750.00	8,416.98	24.48	28.30	1.952	-20.07	1,189.75	902.69	866.82	35.87	25.165			
9,600.00	9,335.08	8,750.00	8,416.98	24.61	28.30	1.905	-20.07	1,189.75	916.21	881.02	35.19	26.033			
9,650.00	9,347.56	8,784.27	8,418.00	24.70	28.31	1.479	-14.02	1,223.46	927.03	891.74	35.29	26.271			
9,659.33	9,349.42	8,784.27	8,418.00	24.71	28.31	1.475	-14.02	1,223.46	928.73	893.56	35.17	26.409			
9,700.00	9,355.78	8,815.77	8,418.00	24.77	28.32	1.124	-8.63	1,254.50	934.89	899.59	35.30	26.486			
9,710.83	9,356.99	8,826.33	8,418.00	24.78	28.32	1.016	-6.90	1,264.91	936.07	900.69	35.38	26.459			
9,750.00	9,359.66	8,864.76	8,418.00	24.81	28.33	0.651	-0.92	1,302.87	938.66	902.99	35.67	26.315			
9,754.51	9,359.80	8,869.21	8,418.00	24.81	28.33	0.611	-0.26	1,307.27	938.79	903.09	35.70	26.297			
9,769.61	9,360.00	8,884.11	8,418.00	24.82	28.33	0.482	1.89	1,322.01	938.96	903.17	35.80	26.230			
9,800.00	9,360.00	8,914.13	8,418.00	24.83	28.34	0.226	6.01	1,351.76	938.94	902.94	36.00	26.082			
9,805.71	9,360.00	8,919.78	8,418.00	24.83	28.34	0.178	6.75	1,357.36	938.93	902.89	36.04	26.052			
9,900.00	9,360.00	9,013.27	8,418.00	24.87	28.37	-0.617	17.37	1,450.23	938.99	902.26	36.73	25.567			
9,962.72	9,360.00	9,075.69	8,418.00	24.93	28.41	-1.146	22.77	1,512.42	939.12	901.90	37.22	25.230			
10,000.00	9,360.00	9,112.92	8,418.00	25.02	28.43	-1.449	25.35	1,549.56	939.24	901.71	37.53	25.027			
10,100.00	9,360.00	9,213.35	8,418.00	26.12	28.56	-2.119	29.89	1,649.89	939.58	901.16	38.41	24.459			
10,200.00	9,360.00	9,314.00	8,418.00	27.78	28.90	-2.585	31.07	1,750.52	939.89	900.54	39.35	23.887			
10,300.00	9,360.00	9,413.77	8,418.00	29.53	29.81	-2.994	31.37	1,850.29	940.22	899.91	40.31	23.326			
10,400.00	9,360.00	9,513.54	8,418.00	31.33	31.30	-3.403	31.66	1,950.06	940.60	899.28	41.32	22.764			
10,500.00	9,360.00	9,613.31	8,418.00	33.17	33.00	-3.811	31.96	2,049.84	941.02	898.64	42.38	22.205			
10,600.00	9,360.00	9,713.09	8,418.00	35.03	34.79	-4.219	32.26	2,149.61	941.49	898.01	43.49	21.650			
10,700.00	9,360.00	9,812.86	8,418.00	36.91	36.63	-4.627	32.56	2,249.38	942.01	897.37	44.64	21.103			
10,800.00	9,360.00	9,912.63	8,418.00	38.82	38.51	-5.034	32.85	2,349.15	942.58	896.74	45.84	20.563			
10,900.00	9,360.00	10,012.41	8,418.00	40.74	40.40	-5.441	33.15	2,448.93	943.20	896.12	47.08	20.034			
10,989.15	9,360.00	10,101.36	8,418.00	42.46	42.11	-5.803	33.42	2,537.87	943.79	895.57	48.22	19.572			
11,004.54	9,360.00	10,116.71	8,418.00	42.76	42.40	-5.865	33.46	2,553.23	943.89	895.47	48.42	19.493			
11,100.00	9,360.00	10,211.99	8,418.00	44.62	44.24	-6.221	33.75	2,648.51	944.51	894.83	49.68	19.011			
11,200.00	9,360.00	10,311.80	8,418.00	46.58	46.19	-6.594	34.04	2,748.31	945.21	894.17	51.04	18.518			
11,300.00	9,360.00	10,411.60	8,418.00	48.55	48.14	-6.967	34.34	2,848.12	945.94	893.50	52.44	18.038			
11,400.00	9,360.00	10,511.41	8,418.00	50.53	50.10	-7.338	34.64	2,947.93	946.71	892.83	53.88	17.570			
11,423.24	9,360.00	10,534.61	8,418.00	50.99	50.56	-7.425	34.71	2,971.13	946.90	892.68	54.22	17.463			
11,500.00	9,360.00	10,611.22	8,418.00	52.52	52.07	-7.709	34.94	3,047.74	947.53	892.17	55.36	17.116			
11,523.22	9,360.00	10,634.39	8,418.00	52.98	52.53	-7.795	35.01	3,070.91	947.72	892.01	55.71	17.012			
11,600.00	9,360.00	10,711.03	8,418.00	54.51	54.05	-8.080	35.23	3,147.54	948.38	891.50	56.88	16.674			
11,623.20	9,360.00	10,734.18	8,418.00	54.98	54.51	-8.166	35.30	3,170.70	948.58	891.35	57.23	16.574			
11,700.00	9,360.00	10,810.83	8,418.00	56.51	56.03	-8.450	35.53	3,247.35	949.27	890.84	58.43	16.246			
11,723.19	9,360.00	10,833.98	8,418.00	56.98	56.49	-8.535	35.60	3,270.49	949.49	890.69	58.80	16.148			
11,800.00	9,360.00	10,910.64	8,418.00	58.52	58.02	-8.819	35.83	3,347.16	950.21	890.18	60.02	15.830			
11,823.18	9,360.00	10,933.77	8,418.00	58.98	58.49	-8.904	35.90	3,370.29	950.43	890.03	60.40	15.736			
11,900.00	9,360.00	11,010.45	8,418.00	60.53	60.02	-9.187	36.13	3,446.96	951.18	889.52	61.65	15.428			
11,923.17	9,360.00	11,033.57	8,418.00	60.99	60.48	-9.272	36.20	3,470.08	951.41	889.37	62.04	15.336			
12,000.00	9,360.00	11,110.26	8,418.00	62.54	62.02	-9.555	36.43	3,546.77	952.19	888.87	63.32	15.037			
12,023.16	9,360.00	11,133.37	8,418.00	63.01	62.48	-9.640	36.49	3,569.88	952.43	888.71	63.71	14.948			
12,100.00	9,360.00	11,210.06	8,418.00	64.56	64.02	-9.921	36.72	3,646.58	953.24	888.21	65.03	14.659			
12,123.15	9,360.00	11,233.16	8,418.00	65.03	64.49	-10.006	36.79	3,669.68	953.49	888.06	65.43	14.573			

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM
Reference Design:	Plan 3	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (04) Bond 33-34 FED COM #104H - #104H - Plan 1													Offset Site Error:	0.00 usft	
Survey Program:		0-MWD+IFR1		Offset			Semi Major Axis		Offset Wellbore Centre		Rule Assigned:			Offset Well Error:	0.00 usft
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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
12,200.00	9,360.00	11,309.87	8,418.00	66.58	66.03	-10.287	37.02	3,746.39	954.33	887.56	66.77	14.293			
12,224.93	9,360.00	11,334.75	8,418.00	67.09	66.53	-10.378	37.09	3,771.27	954.61	887.40	67.21	14.203			
12,307.73	9,360.00	11,417.40	8,418.00	68.77	68.20	-10.681	37.34	3,853.91	955.55	886.86	68.69	13.911			
12,329.11	9,360.00	11,438.74	8,418.00	69.20	68.63	-10.759	37.40	3,875.25	955.79	886.72	69.08	13.837			
12,400.00	9,360.00	11,509.49	8,418.00	70.64	70.05	-11.017	37.62	3,946.00	956.63	886.26	70.37	13.595			
12,423.12	9,360.00	11,532.56	8,418.00	71.11	70.52	-11.101	37.68	3,969.07	956.90	886.11	70.79	13.517			
12,500.00	9,360.00	11,609.29	8,418.00	72.67	72.07	-11.380	37.91	4,045.81	957.83	885.61	72.22	13.263			
12,523.11	9,360.00	11,632.36	8,418.00	73.14	72.54	-11.464	37.98	4,068.87	958.12	885.46	72.65	13.187			
12,600.00	9,360.00	11,709.10	8,418.00	74.70	74.09	-11.742	38.21	4,145.61	959.08	884.97	74.11	12.941			
12,623.10	9,360.00	11,732.16	8,418.00	75.17	74.56	-11.826	38.28	4,168.67	959.37	884.82	74.55	12.868			
12,700.00	9,360.00	11,808.91	8,418.00	76.74	76.11	-12.104	38.51	4,245.42	960.36	884.32	76.04	12.630			
12,723.09	9,360.00	11,831.95	8,418.00	77.21	76.58	-12.187	38.58	4,268.47	960.66	884.17	76.49	12.560			
12,800.00	9,360.00	11,908.72	8,418.00	78.78	78.14	-12.464	38.81	4,345.23	961.68	883.68	78.00	12.329			
12,823.08	9,360.00	11,931.75	8,418.00	79.25	78.61	-12.547	38.88	4,368.26	961.99	883.53	78.46	12.261			
12,900.00	9,360.00	12,008.53	8,418.00	80.82	80.17	-12.824	39.10	4,445.04	963.04	883.04	80.00	12.038			
12,923.07	9,360.00	12,031.55	8,418.00	81.29	80.63	-12.907	39.17	4,468.06	963.36	882.89	80.47	11.972			
13,000.00	9,360.00	12,108.33	8,418.00	82.86	82.19	-13.182	39.40	4,544.84	964.44	882.40	82.04	11.756			
13,023.06	9,360.00	12,131.35	8,418.00	83.33	82.66	-13.265	39.47	4,567.86	964.77	882.25	82.51	11.692			
13,100.00	9,360.00	12,208.14	8,418.00	84.90	84.22	-13.540	39.70	4,644.65	965.87	881.76	84.11	11.483			
13,123.05	9,360.00	12,231.15	8,418.00	85.37	84.69	-13.622	39.77	4,667.66	966.21	881.62	84.59	11.422			
13,200.00	9,360.00	12,307.95	8,418.00	86.95	86.26	-13.896	40.00	4,744.46	967.35	881.13	86.22	11.220			
13,223.04	9,360.00	12,330.94	8,418.00	87.42	86.73	-13.978	40.07	4,767.45	967.69	880.98	86.71	11.160			
13,300.00	9,360.00	12,407.76	8,418.00	88.99	88.29	-14.251	40.29	4,844.27	968.86	880.49	88.36	10.964			
13,323.03	9,360.00	12,430.74	8,418.00	89.47	88.76	-14.333	40.36	4,867.25	969.21	880.35	88.86	10.907			
13,400.00	9,360.00	12,507.56	8,418.00	91.04	90.33	-14.605	40.59	4,944.07	970.40	879.86	90.54	10.717			
13,423.02	9,360.00	12,530.54	8,418.00	91.52	90.79	-14.687	40.66	4,967.05	970.76	879.71	91.05	10.662			
13,500.00	9,360.00	12,607.37	8,418.00	93.09	92.36	-14.958	40.89	5,043.88	971.99	879.23	92.76	10.478			
13,523.01	9,360.00	12,630.34	8,418.00	93.56	92.83	-15.039	40.96	5,066.85	972.36	879.08	93.28	10.425			
13,600.00	9,360.00	12,707.18	8,418.00	95.14	94.40	-15.310	41.19	5,143.69	973.61	878.60	95.01	10.247			
13,623.00	9,360.00	12,730.14	8,418.00	95.62	94.87	-15.391	41.26	5,166.64	973.99	878.45	95.54	10.195			
13,700.00	9,360.00	12,806.99	8,418.00	97.20	96.44	-15.661	41.49	5,243.49	975.27	877.97	97.30	10.023			
13,722.99	9,360.00	12,829.93	8,418.00	97.67	96.91	-15.741	41.55	5,266.44	975.65	877.82	97.83	9.973			
13,800.00	9,360.00	12,906.79	8,418.00	99.25	98.48	-16.010	41.78	5,343.30	976.96	877.34	99.62	9.807			
13,822.98	9,360.00	12,929.73	8,418.00	99.72	98.95	-16.090	41.85	5,366.24	977.36	877.20	100.16	9.758			
13,900.00	9,360.00	13,006.60	8,418.00	101.30	100.52	-16.359	42.08	5,443.11	978.69	876.71	101.98	9.597			
13,922.97	9,360.00	13,029.53	8,418.00	101.78	100.99	-16.438	42.15	5,466.04	979.10	876.57	102.53	9.550			
14,000.00	9,360.00	13,106.41	8,418.00	103.36	102.56	-16.706	42.38	5,542.92	980.46	876.09	104.37	9.394			
14,022.96	9,360.00	13,129.33	8,418.00	103.83	103.03	-16.785	42.45	5,565.83	980.87	875.94	104.93	9.348			
14,100.00	9,360.00	13,206.22	8,418.00	105.41	104.60	-17.051	42.68	5,642.72	982.26	875.46	106.80	9.197			
14,122.95	9,360.00	13,229.13	8,418.00	105.89	105.07	-17.130	42.74	5,665.63	982.68	875.32	107.36	9.153			
14,200.00	9,360.00	13,306.02	8,418.00	107.47	106.65	-17.396	42.97	5,742.53	984.10	874.84	109.26	9.007			
14,222.94	9,360.00	13,328.92	8,418.00	107.94	107.12	-17.475	43.04	5,765.43	984.53	874.70	109.83	8.964			
14,300.00	9,360.00	13,405.83	8,418.00	109.53	108.69	-17.739	43.27	5,842.34	985.98	874.22	111.76	8.823			
14,322.93	9,360.00	13,428.72	8,418.00	110.00	109.16	-17.817	43.34	5,865.23	986.41	874.08	112.33	8.781			
14,400.00	9,360.00	13,505.64	8,418.00	111.59	110.74	-18.081	43.57	5,942.14	987.89	873.60	114.29	8.644			
14,422.92	9,360.00	13,528.52	8,418.00	112.06	111.21	-18.159	43.64	5,965.02	988.33	873.46	114.87	8.604			
14,500.00	9,360.00	13,605.45	8,418.00	113.65	112.78	-18.421	43.87	6,041.95	989.83	872.98	116.85	8.471			
14,522.91	9,360.00	13,628.32	8,418.00	114.12	113.25	-18.499	43.93	6,064.82	990.28	872.84	117.44	8.432			
14,600.00	9,360.00	13,705.26	8,418.00	115.71	114.83	-18.761	44.16	6,141.76	991.81	872.37	119.45	8.303			
14,622.90	9,360.00	13,728.11	8,418.00	116.18	115.30	-18.838	44.23	6,164.62	992.27	872.22	120.05	8.266			
14,700.00	9,360.00	13,805.06	8,418.00	117.77	116.88	-19.098	44.46	6,241.57	993.83	871.75	122.08	8.141			
14,722.89	9,360.00	13,827.91	8,418.00	118.24	117.35	-19.176	44.53	6,264.41	994.29	871.61	122.68	8.105			

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM
Reference Design:	Plan 3	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (04) Bond 33-34 FED COM #104H - #104H - Plan 1													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis			Offset Wellbore Centre		Distance		Rule Assigned:		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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
14,800.00	9,360.00	13,904.87	8,418.00	119.83	118.93	-19.435	44.76	6,341.37	995.87	871.14	124.74	7.984	
14,822.88	9,360.00	13,927.71	8,418.00	120.30	119.40	-19.512	44.83	6,364.21	996.35	871.00	125.35	7.948	
14,900.00	9,360.00	14,004.68	8,418.00	121.89	120.98	-19.770	45.06	6,441.18	997.96	870.52	127.43	7.831	
14,913.75	9,360.00	14,018.41	8,418.00	122.17	121.26	-19.816	45.10	6,454.91	998.25	870.44	127.81	7.811	
14,960.07	9,360.00	14,064.63	8,418.00	123.13	122.21	-19.975	45.24	6,501.13	999.26	870.18	129.08	7.742	
14,969.28	9,360.00	14,073.82	8,418.00	123.32	122.40	-20.009	45.26	6,510.32	999.45	870.12	129.33	7.728	
15,800.00	9,360.00	14,904.44	8,418.00	140.38	139.47	-20.126	47.74	7,340.93	1,000.00	853.88	146.11	6.844	
15,829.41	9,360.00	14,933.84	8,418.00	140.98	140.07	-20.118	47.83	7,370.34	999.94	853.26	146.68	6.817	
15,900.00	9,360.00	15,004.43	8,418.00	142.43	141.52	-20.099	48.04	7,440.93	999.82	851.77	148.05	6.753	
15,929.41	9,360.00	15,033.84	8,418.00	143.04	142.13	-20.091	48.13	7,470.34	999.77	851.15	148.61	6.727	
16,000.00	9,360.00	15,104.43	8,418.00	144.49	143.58	-20.071	48.34	7,540.93	999.64	849.67	149.98	6.665	
16,029.41	9,360.00	15,133.84	8,418.00	145.09	144.19	-20.063	48.42	7,570.34	999.59	849.05	150.55	6.640	
16,100.00	9,360.00	15,204.43	8,418.00	146.54	145.64	-20.044	48.63	7,640.93	999.47	847.56	151.91	6.579	
16,129.41	9,360.00	15,233.84	8,418.00	147.15	146.24	-20.036	48.72	7,670.33	999.42	846.94	152.48	6.555	
16,200.00	9,360.00	15,304.43	8,418.00	148.60	147.70	-20.016	48.93	7,740.93	999.29	845.45	153.84	6.496	
16,229.41	9,360.00	15,333.84	8,418.00	149.20	148.30	-20.008	49.02	7,770.33	999.24	844.83	154.41	6.471	
16,278.99	9,360.00	15,383.42	8,418.00	150.22	149.32	-19.994	49.17	7,819.91	999.15	843.79	155.36	6.431	
16,300.00	9,360.00	15,404.43	8,418.00	150.66	149.76	-19.983	49.23	7,840.92	999.09	843.34	155.76	6.414	
16,301.82	9,360.00	15,406.25	8,418.00	150.69	149.79	-19.982	49.24	7,842.74	999.08	843.29	155.79	6.413	
16,306.09	9,360.00	15,410.52	8,418.00	150.78	149.88	-19.978	49.25	7,847.01	999.06	843.20	155.87	6.410	
16,400.00	9,360.00	15,504.38	8,418.00	152.71	151.81	-19.803	49.53	7,940.87	998.07	840.77	157.30	6.345	
16,429.82	9,360.00	15,534.15	8,418.00	153.31	152.43	-19.708	49.62	7,970.65	997.54	839.88	157.66	6.327	
16,505.81	9,360.00	15,609.95	8,418.00	154.86	153.99	-19.383	49.84	8,046.45	995.73	837.39	158.34	6.288	
16,537.53	9,360.00	15,641.56	8,418.00	155.50	154.64	-19.238	49.94	8,078.05	994.85	836.29	158.56	6.274	
16,600.00	9,360.00	15,703.81	8,418.00	156.77	155.92	-18.952	50.12	8,140.30	993.12	834.15	158.97	6.247	
16,627.77	9,360.00	15,731.48	8,418.00	157.33	156.49	-18.825	50.21	8,167.97	992.36	833.21	159.15	6.235	
16,700.00	9,360.00	15,803.45	8,418.00	158.79	157.97	-18.493	50.42	8,239.95	990.41	830.80	159.61	6.205	
16,729.96	9,360.00	15,833.31	8,418.00	159.40	158.59	-18.355	50.51	8,269.80	989.61	829.81	159.80	6.193	
16,800.00	9,360.00	15,903.10	8,418.00	160.82	160.03	-18.031	50.72	8,339.59	987.76	827.54	160.22	6.165	
16,829.94	9,360.00	15,932.93	8,418.00	161.42	160.64	-17.893	50.81	8,369.42	986.98	826.58	160.40	6.153	
16,900.00	9,360.00	16,002.74	8,418.00	162.84	162.08	-17.567	51.02	8,439.24	985.18	824.37	160.81	6.126	
16,929.92	9,360.00	16,032.56	8,418.00	163.45	162.69	-17.428	51.10	8,469.05	984.42	823.44	160.98	6.115	
17,000.00	9,360.00	16,102.39	8,418.00	164.87	164.13	-17.101	51.31	8,538.88	982.66	821.29	161.38	6.089	
17,029.90	9,360.00	16,132.18	8,418.00	165.47	164.75	-16.961	51.40	8,568.68	981.92	820.38	161.54	6.078	
17,100.00	9,360.00	16,202.03	8,418.00	166.89	166.19	-16.632	51.61	8,638.53	980.21	818.29	161.92	6.054	
17,129.88	9,360.00	16,231.81	8,418.00	167.50	166.80	-16.491	51.70	8,668.30	979.49	817.41	162.08	6.043	
17,200.00	9,360.00	16,301.68	8,418.00	168.92	168.24	-16.161	51.91	8,738.17	977.83	815.38	162.45	6.019	
17,229.86	9,360.00	16,331.44	8,418.00	169.53	168.85	-16.020	52.00	8,767.93	977.13	814.53	162.60	6.009	
17,300.00	9,360.00	16,401.32	8,418.00	170.95	170.29	-15.687	52.20	8,837.81	975.51	812.56	162.95	5.987	
17,329.85	9,360.00	16,431.06	8,418.00	171.55	170.91	-15.546	52.29	8,867.55	974.83	811.73	163.10	5.977	
17,400.00	9,360.00	16,500.97	8,418.00	172.98	172.35	-15.212	52.50	8,937.46	973.26	809.82	163.44	5.955	
17,429.83	9,360.00	16,530.69	8,418.00	173.58	172.96	-15.069	52.59	8,967.18	972.60	809.02	163.59	5.946	
17,500.00	9,360.00	16,600.61	8,418.00	175.00	174.40	-14.734	52.80	9,037.10	971.08	807.16	163.92	5.924	
17,529.81	9,360.00	16,630.31	8,418.00	175.61	175.01	-14.591	52.89	9,066.80	970.44	806.38	164.06	5.915	
17,600.00	9,360.00	16,700.26	8,418.00	177.03	176.46	-14.254	53.10	9,136.75	968.96	804.58	164.38	5.894	
17,629.79	9,360.00	16,729.94	8,418.00	177.64	177.07	-14.111	53.18	9,166.43	968.35	803.83	164.52	5.886	
17,700.00	9,360.00	16,799.90	8,418.00	179.06	178.51	-13.772	53.39	9,236.39	966.92	802.08	164.84	5.866	
17,729.77	9,360.00	16,829.57	8,418.00	179.67	179.12	-13.628	53.48	9,266.06	966.32	801.35	164.98	5.857	
17,800.00	9,360.00	16,899.55	8,418.00	181.09	180.57	-13.288	53.69	9,336.04	964.94	799.65	165.29	5.838	
17,829.75	9,360.00	16,929.19	8,418.00	181.70	181.18	-13.144	53.78	9,365.68	964.37	798.94	165.42	5.830	
17,900.00	9,360.00	16,999.19	8,418.00	183.12	182.62	-12.802	53.99	9,435.68	963.03	797.30	165.74	5.811	
17,929.73	9,360.00	17,028.82	8,418.00	183.73	183.23	-12.657	54.08	9,465.31	962.48	796.61	165.87	5.803	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM
Reference Design:	Plan 3	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (04) Bond 33-34 FED COM #104H - #104H - Plan 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IFR1												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		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 Centres (usft)	Between Ellipses (usft)			
18,000.00	9,360.00	17,098.84	8,418.00	185.16	184.68	-12.314	54.28	9,535.33	961.20	795.02	166.18	5.784	
18,029.72	9,360.00	17,128.45	8,418.00	185.76	185.29	-12.169	54.37	9,564.94	960.67	794.35	166.31	5.776	
18,100.00	9,360.00	17,198.48	8,418.00	187.19	186.73	-11.825	54.58	9,634.97	959.43	792.80	166.63	5.758	
18,129.70	9,360.00	17,228.07	8,418.00	187.79	187.34	-11.679	54.67	9,664.56	958.92	792.16	166.76	5.750	
18,200.00	9,360.00	17,298.13	8,418.00	189.22	188.79	-11.333	54.88	9,734.61	957.74	790.66	167.08	5.732	
18,229.68	9,360.00	17,327.70	8,418.00	189.82	189.40	-11.187	54.97	9,764.19	957.25	790.03	167.21	5.725	
18,300.00	9,360.00	17,397.77	8,418.00	191.25	190.84	-10.840	55.18	9,834.26	956.11	788.57	167.54	5.707	
18,329.66	9,360.00	17,427.33	8,418.00	191.85	191.45	-10.694	55.26	9,863.82	955.64	787.97	167.67	5.699	
18,400.00	9,360.00	17,497.42	8,418.00	193.28	192.90	-10.346	55.47	9,933.90	954.56	786.55	168.00	5.682	
18,429.65	9,360.00	17,526.96	8,418.00	193.89	193.51	-10.199	55.56	9,963.44	954.11	785.97	168.15	5.674	
18,500.00	9,360.00	17,597.06	8,418.00	195.32	194.95	-9.850	55.77	10,033.55	953.08	784.59	168.49	5.657	
18,529.63	9,360.00	17,626.58	8,418.00	195.92	195.56	-9.702	55.86	10,063.07	952.65	784.02	168.63	5.649	
18,600.00	9,360.00	17,696.71	8,418.00	197.35	197.01	-9.352	56.07	10,133.19	951.67	782.68	168.98	5.632	
18,629.61	9,360.00	17,726.21	8,418.00	197.95	197.62	-9.204	56.15	10,162.70	951.26	782.13	169.14	5.624	
18,700.00	9,360.00	17,796.35	8,418.00	199.38	199.07	-8.853	56.36	10,232.84	950.33	780.83	169.50	5.607	
18,729.59	9,360.00	17,825.84	8,418.00	199.99	199.67	-8.705	56.45	10,262.33	949.95	780.29	169.66	5.599	
18,800.00	9,360.00	17,896.00	8,418.00	201.42	201.12	-8.352	56.66	10,332.48	949.07	779.02	170.05	5.581	
18,829.58	9,360.00	17,925.47	8,418.00	202.02	201.73	-8.204	56.75	10,361.95	948.71	778.49	170.21	5.574	
18,900.00	9,360.00	17,995.64	8,418.00	203.45	203.18	-7.850	56.96	10,432.13	947.88	777.26	170.62	5.556	
18,929.56	9,360.00	18,025.10	8,418.00	204.05	203.79	-7.702	57.05	10,461.58	947.54	776.75	170.79	5.548	
19,000.00	9,360.00	18,095.29	8,418.00	205.49	205.23	-7.347	57.26	10,531.77	946.76	775.54	171.22	5.530	
19,029.54	9,360.00	18,124.72	8,418.00	206.09	205.84	-7.198	57.34	10,561.21	946.44	775.04	171.40	5.522	
19,100.00	9,360.00	18,194.93	8,418.00	207.52	207.29	-6.843	57.55	10,631.41	945.71	773.86	171.85	5.503	
19,129.53	9,360.00	18,224.35	8,418.00	208.12	207.90	-6.694	57.64	10,660.84	945.42	773.37	172.05	5.495	
19,200.00	9,360.00	18,294.58	8,418.00	209.56	209.35	-6.338	57.85	10,731.06	944.74	772.22	172.52	5.476	
19,229.51	9,360.00	18,323.98	8,418.00	210.16	209.95	-6.189	57.94	10,760.46	944.47	771.74	172.73	5.468	
19,300.00	9,360.00	18,394.22	8,418.00	211.59	211.40	-5.832	58.15	10,830.70	943.85	770.61	173.24	5.448	
19,329.49	9,360.00	18,423.61	8,418.00	212.20	212.01	-5.682	58.23	10,860.09	943.60	770.14	173.46	5.440	
19,400.00	9,360.00	18,493.87	8,418.00	213.63	213.46	-5.325	58.44	10,930.35	943.03	769.03	174.00	5.420	
19,429.48	9,360.00	18,523.24	8,418.00	214.23	214.07	-5.175	58.53	10,959.72	942.80	768.57	174.23	5.411	
19,500.00	9,360.00	18,593.51	8,418.00	215.67	215.52	-4.817	58.74	11,029.99	942.28	767.48	174.80	5.390	
19,529.46	9,360.00	18,622.86	8,418.00	216.27	216.12	-4.667	58.83	11,059.35	942.08	767.02	175.05	5.382	
19,600.00	9,360.00	18,693.16	8,418.00	217.70	217.58	-4.308	59.04	11,129.64	941.61	765.95	175.66	5.360	
19,629.44	9,360.00	18,722.49	8,418.00	218.30	218.18	-4.158	59.13	11,158.97	941.43	765.50	175.93	5.351	
19,700.00	9,360.00	18,792.80	8,418.00	219.74	219.63	-3.798	59.34	11,229.28	941.01	764.43	176.58	5.329	
19,729.43	9,360.00	18,822.12	8,418.00	220.34	220.24	-3.648	59.42	11,258.60	940.85	763.99	176.86	5.320	
19,800.00	9,360.00	18,892.45	8,418.00	221.78	221.69	-3.288	59.63	11,328.93	940.49	762.94	177.55	5.297	
19,829.41	9,360.00	18,921.75	8,418.00	222.38	222.30	-3.138	59.72	11,358.23	940.35	762.50	177.85	5.287	
19,900.00	9,360.00	18,992.09	8,418.00	223.82	223.75	-2.778	59.93	11,428.57	940.04	761.45	178.59	5.264	
19,929.39	9,360.00	19,021.38	8,418.00	224.41	224.35	-2.628	60.02	11,457.86	939.93	761.02	178.90	5.254	
20,000.00	9,360.00	19,091.73	8,418.00	225.85	225.81	-2.267	60.23	11,528.21	939.67	759.98	179.69	5.229	
20,029.37	9,360.00	19,121.00	8,418.00	226.45	226.41	-2.117	60.31	11,557.48	939.58	759.55	180.03	5.219	
20,100.00	9,360.00	19,191.38	8,418.00	227.89	227.86	-1.755	60.52	11,627.86	939.37	758.52	180.86	5.194	
20,129.35	9,360.00	19,220.63	8,418.00	228.49	228.47	-1.605	60.61	11,657.11	939.30	758.09	181.22	5.183	
20,183.12	9,360.00	19,274.21	8,418.00	229.59	229.57	-1.330	60.77	11,710.69	939.18	757.30	181.88	5.164	
20,205.46	9,360.00	19,296.39	8,418.00	230.04	230.03	-1.216	60.84	11,732.87	939.14	756.98	182.17	5.155	

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



Dixon Directional Anticollision Report

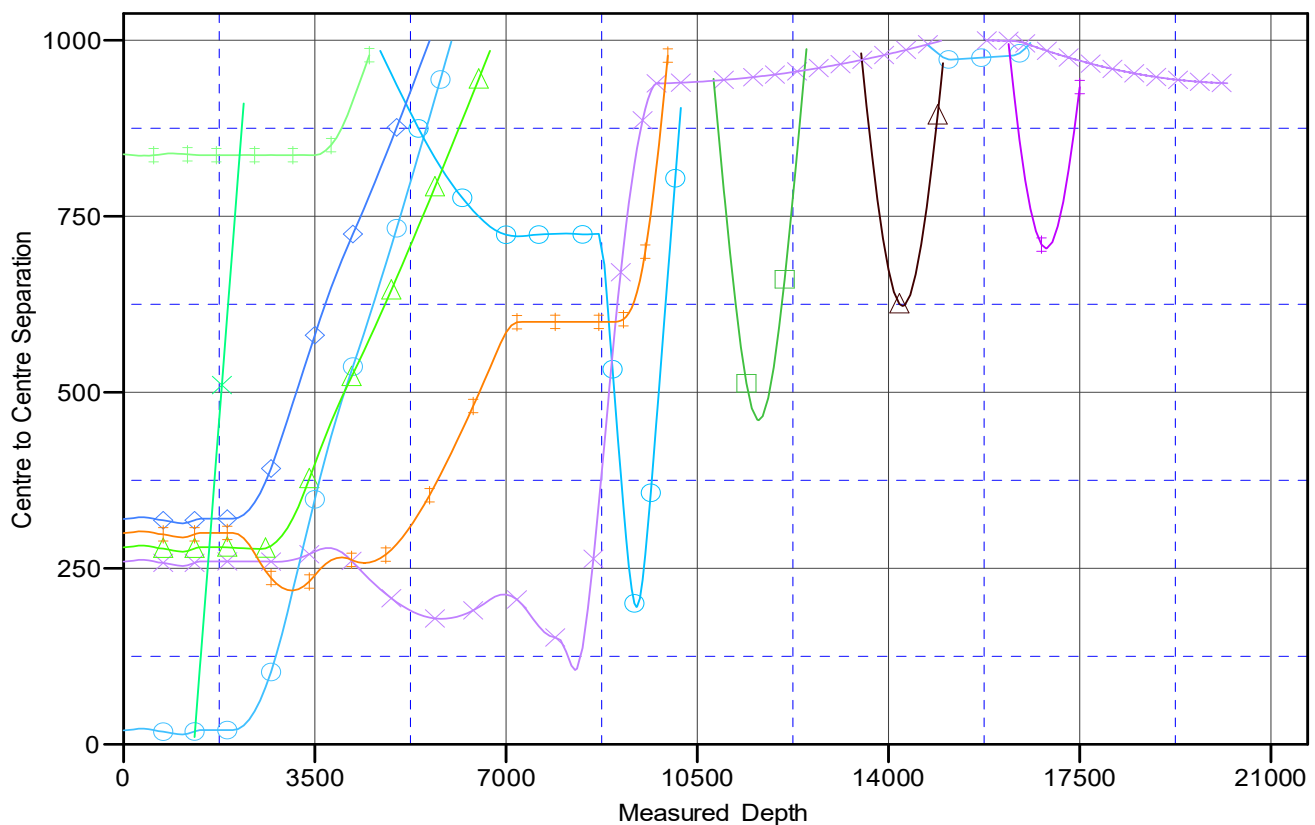


Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM
Reference Design:	Plan 3	Offset TVD Reference:	Offset Datum

Reference Depths are relative to RKB - 30.5 @ 3718.11usft
Offset Depths are relative to Offset Datum
Central Meridian is -104.33333334

Coordinates are relative to: (01) Bond 33-34 FED COM 207H
Coordinate System is US State Plane 1983, New Mexico Eastern Zone
Grid Convergence at Surface is: 0.297°

Ladder Plot



LEGEND

(02) Bond 33-34 FED COM 211H, 211H, Plan 2 V0 (W16) LEAR STATE SWD 003.26703, (Inc Only) V0	(W02) LEAR STATE 001H, 38865, (GyroMWD) V0 (W06) GULF FEDERAL COM 001.25637, (Inc Only) V0	(03) Bond 33-34 FED COM #106H, #106H, Plan 1 V0
(W21) WANDIVER FEDERAL 001.26352, (Inc Only) V0	(01) Bond 33-34 FED COM #306H, #306H, Plan 1 V0	(02) Bond 33-34 FED COM #304H, #304H, Plan 1 V0
(W07) GULF MCKAY FEDERAL 001.25471, (Inc Only) V0	(04) Bond 33-34 FED COM #104H, #104H, Plan 1 V0	(01) Bond 33-34 FED COM 207H, 207H, Surveys V0

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



Dixon Directional Anticollision Report

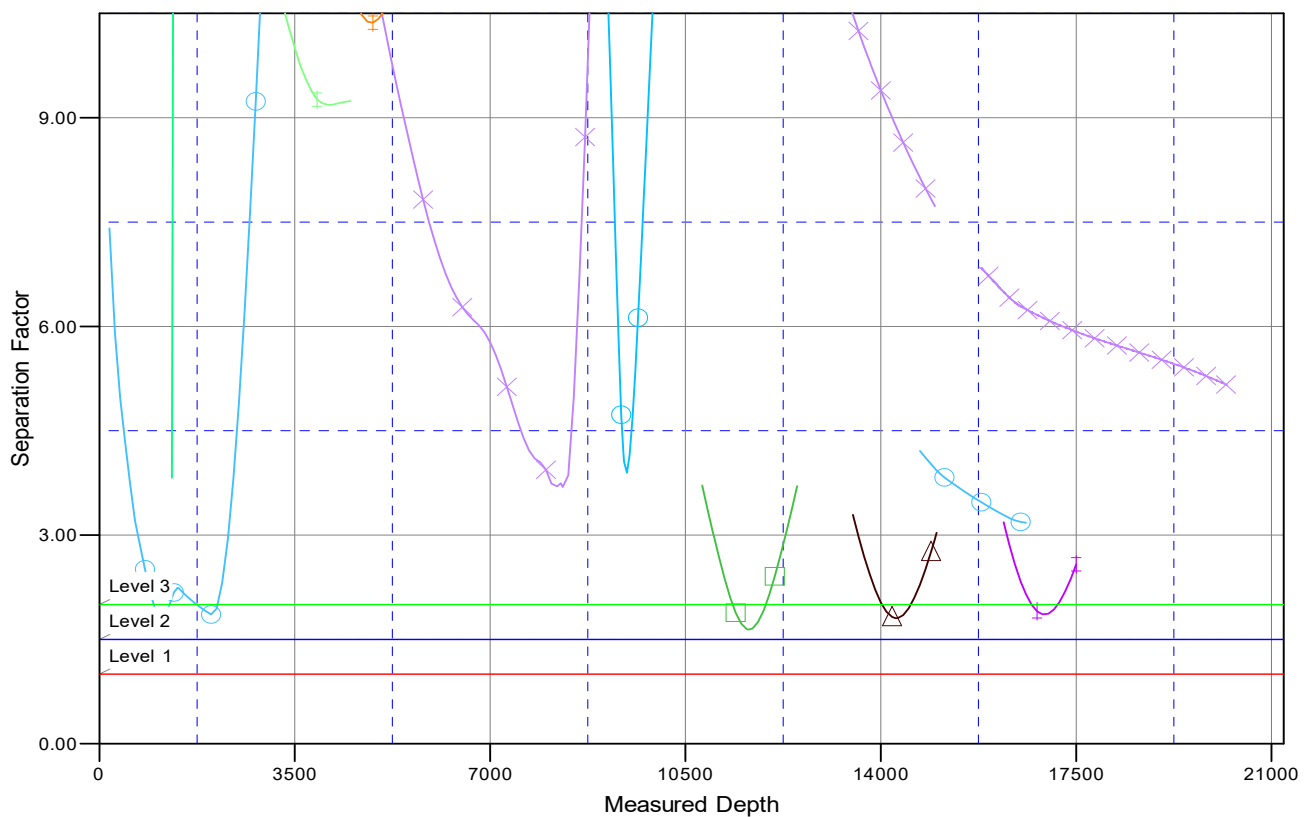


Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM
Reference Design:	Plan 3	Offset TVD Reference:	Offset Datum

Reference Depths are relative to RKB - 30.5 @ 3718.11usft
Offset Depths are relative to Offset Datum
Central Meridian is -104.33333334

Coordinates are relative to: (01) Bond 33-34 FED COM 207H
Coordinate System is US State Plane 1983, New Mexico Eastern Zone
Grid Convergence at Surface is: 0.297°

Separation Factor Plot



LEGEND

- | | | |
|--|--|---|
| (02) Bond 33-34 FED COM 211H, 211H, Plan 2 V0 | (W02) LEAR STATE 001H, 38865, (GyroMWD) V0 | (03) Bond 33-34 FED COM #106H, #106H, Plan 1 V0 |
| (W16) LEAR STATE SWD 003, 26703, (Inc Only) V0 | (W06) GULF FEDERAL COM 001, 25637, (Inc Only) V0 | (02) Bond 33-34 FED COM #304H, #304H, Plan 1 V0 |
| (W21) WANDIVER FEDERAL 001, 26352, (Inc Only) V0 | (01) Bond 33-34 FED COM #306H, #306H, Plan 1 V0 | (01) Bond 33-34 FED COM 207H, 207H, Surveys V0 |
| (W07) GULF MOKAY FEDERAL 001, 25471, (Inc Only) V0 | (04) Bond 33-34 FED COM #104H, #104H, Plan 1 V0 | |

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



PBEX

**Lea County, NM (N83 - NME)
Bond South Pad - Phase 1
(01) Bond 33-34 FED COM 207H
30-025-55721
207H**

Plan: Plan 3

Standard Planning Report

03 February, 2026

DIXON



Database:	EDM	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Company:	PBEX	TVD Reference:	RKB - 30.5 @ 3718.11usft
Project:	Lea County, NM (N83 - NME)	MD Reference:	RKB - 30.5 @ 3718.11usft
Site:	Bond South Pad - Phase 1	North Reference:	Grid
Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Wellbore:	207H		
Design:	Plan 3		

Project	Lea County, NM (N83 - 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		Bond South Pad - Phase 1			
Site Position:		Northing:	619,273.62 usft	Latitude:	32.70122162
From:	Map	Easting:	710,360.35 usft	Longitude:	-103.78385790
Position Uncertainty:		0.00 usft	Slot Radius:	13-3/16 "	

Well	(01) Bond 33-34 FED COM 207H					
Well Position	+N/-S	0.00 usft	Northing:	619,273.62 usft	Latitude:	32.70122162
	+E/-W	0.00 usft	Easting:	710,360.35 usft	Longitude:	-103.78385790
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,687.61 usft
Grid Convergence:	0.297 °					

Wellbore	207H				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2025	2/3/2026	6.334	60.134	47,204.95951553

Design	Plan 3				
Audit Notes:					
Version:	Phase:	PLAN	Tie On Depth:	1,289.50	
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	89.83	

Plan Survey Tool Program	Date	2/3/2026			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	179.50	1,289.50	Surface Surveys (207H)	MWD	
				OWSG MWD - Standard	
2	1,289.50	20,205.46	Plan 3 (207H)	MWD+IFR1	
				OWSG MWD + IFR1	



Dixon Directional Planning Report



Database:	EDM	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Company:	PBEX	TVD Reference:	RKB - 30.5 @ 3718.11usft
Project:	Lea County, NM (N83 - NME)	MD Reference:	RKB - 30.5 @ 3718.11usft
Site:	Bond South Pad - Phase 1	North Reference:	Grid
Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Wellbore:	207H		
Design:	Plan 3		

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
1,289.50	1.67	11.59	1,289.33	-2.29	-1.79	0.00	0.00	0.00	0.000	
1,332.50	1.67	11.59	1,332.31	-1.06	-1.53	0.00	0.00	0.00	0.000	
1,416.00	0.00	0.00	1,415.80	0.13	-1.29	2.00	-2.00	0.00	180.000	
3,500.20	0.00	0.00	3,500.00	0.13	-1.29	0.00	0.00	0.00	0.000	
4,174.94	13.49	89.39	4,168.52	0.97	77.80	2.00	2.00	0.00	89.392	
6,707.83	13.49	89.39	6,631.48	7.24	668.84	0.00	0.00	0.00	0.000	
7,382.57	0.00	89.83	7,300.00	8.08	747.92	2.00	-2.00	0.00	180.000	
8,869.61	0.00	89.83	8,787.04	8.08	747.92	0.00	0.00	0.00	0.000	
9,769.61	90.00	89.83	9,360.00	9.79	1,320.88	10.00	10.00	0.00	0.000	FTP/PP - v1 - (01) Bo
9,962.72	90.00	93.69	9,360.00	3.86	1,513.85	2.00	0.00	2.00	90.000	
10,989.15	90.00	93.69	9,360.00	-62.22	2,538.16	0.00	0.00	0.00	0.000	PP2 - v1 - (01) Bond :
11,004.54	90.00	93.38	9,360.00	-63.17	2,553.52	2.00	0.00	-2.00	-90.000	
12,307.73	90.00	93.38	9,360.00	-140.08	3,854.44	0.00	0.00	0.00	0.000	PP3 - v1 - (01) Bond :
14,960.07	90.00	93.38	9,360.00	-296.70	6,502.15	0.00	0.00	0.00	0.000	PI1/PP4 - v1 - (01) Bc
15,152.46	90.00	89.54	9,360.00	-301.60	6,694.44	2.00	0.00	-2.00	-90.000	
16,278.99	90.00	89.54	9,360.00	-292.47	7,820.93	0.00	0.00	0.00	0.000	PI2 - v1 - (01) Bond 3
16,505.81	90.00	85.00	9,360.00	-281.66	8,047.44	2.00	0.00	-2.00	-90.000	
20,205.46	90.00	85.00	9,360.00	40.84	11,733.00	0.00	0.00	0.00	0.000	PBHL - v1 - (01) Bonc



Dixon Directional Planning Report



Database:	EDM	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Company:	PBEX	TVD Reference:	RKB - 30.5 @ 3718.11usft
Project:	Lea County, NM (N83 - NME)	MD Reference:	RKB - 30.5 @ 3718.11usft
Site:	Bond South Pad - Phase 1	North Reference:	Grid
Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Wellbore:	207H		
Design:	Plan 3		

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
179.50	0.84	330.11	179.49	1.14	-0.66	-0.65	0.47	0.47	0.00
279.50	0.66	13.61	279.49	2.34	-0.89	-0.88	0.58	-0.18	43.50
372.50	0.75	195.55	372.48	2.27	-0.92	-0.92	1.52	0.10	-191.46
461.50	0.35	221.39	461.48	1.51	-1.26	-1.25	0.52	-0.45	29.03
549.50	1.41	166.45	549.47	0.25	-1.18	-1.18	1.41	1.20	-62.43
637.50	0.79	206.71	637.45	-1.34	-1.20	-1.21	1.09	-0.70	45.75
726.50	0.84	97.99	726.45	-1.98	-0.83	-0.84	1.49	0.06	-122.16
815.50	1.27	171.46	815.44	-3.05	-0.04	-0.05	1.47	0.48	82.55
904.50	1.14	235.27	904.42	-4.53	-0.62	-0.63	1.44	-0.15	71.70
993.50	1.23	209.70	993.40	-5.86	-1.82	-1.84	0.60	0.10	-28.73
1,082.50	0.44	254.70	1,082.39	-6.78	-2.62	-2.64	1.09	-0.89	50.56
1,171.50	1.67	15.81	1,171.38	-5.62	-2.60	-2.62	2.17	1.38	136.08
1,289.50	1.67	11.59	1,289.33	-2.29	-1.79	-1.79	0.10	0.00	-3.58
Tie-in to Surface Surveys									
1,300.00	1.67	11.59	1,299.83	-1.99	-1.72	-1.73	0.00	0.00	0.00
1,332.50	1.67	11.59	1,332.31	-1.06	-1.53	-1.54	0.00	0.00	0.00
Start Drop -2.00									
1,400.00	0.32	11.59	1,399.80	0.09	-1.30	-1.30	2.00	-2.00	0.00
1,416.00	0.00	0.00	1,415.80	0.13	-1.29	-1.29	2.00	-2.00	0.00
Start 2084.20 hold at 1416.00 MD									
1,500.00	0.00	0.00	1,499.80	0.13	-1.29	-1.29	0.00	0.00	0.00
1,600.00	0.00	0.00	1,599.80	0.13	-1.29	-1.29	0.00	0.00	0.00
1,700.00	0.00	0.00	1,699.80	0.13	-1.29	-1.29	0.00	0.00	0.00
1,800.00	0.00	0.00	1,799.80	0.13	-1.29	-1.29	0.00	0.00	0.00
1,900.00	0.00	0.00	1,899.80	0.13	-1.29	-1.29	0.00	0.00	0.00
2,000.00	0.00	0.00	1,999.80	0.13	-1.29	-1.29	0.00	0.00	0.00
2,100.00	0.00	0.00	2,099.80	0.13	-1.29	-1.29	0.00	0.00	0.00
2,200.00	0.00	0.00	2,199.80	0.13	-1.29	-1.29	0.00	0.00	0.00
2,300.00	0.00	0.00	2,299.80	0.13	-1.29	-1.29	0.00	0.00	0.00
2,400.00	0.00	0.00	2,399.80	0.13	-1.29	-1.29	0.00	0.00	0.00
2,500.00	0.00	0.00	2,499.80	0.13	-1.29	-1.29	0.00	0.00	0.00
2,600.00	0.00	0.00	2,599.80	0.13	-1.29	-1.29	0.00	0.00	0.00
2,700.00	0.00	0.00	2,699.80	0.13	-1.29	-1.29	0.00	0.00	0.00
2,800.00	0.00	0.00	2,799.80	0.13	-1.29	-1.29	0.00	0.00	0.00
2,900.00	0.00	0.00	2,899.80	0.13	-1.29	-1.29	0.00	0.00	0.00
3,000.00	0.00	0.00	2,999.80	0.13	-1.29	-1.29	0.00	0.00	0.00
3,100.00	0.00	0.00	3,099.80	0.13	-1.29	-1.29	0.00	0.00	0.00
3,200.00	0.00	0.00	3,199.80	0.13	-1.29	-1.29	0.00	0.00	0.00
3,300.00	0.00	0.00	3,299.80	0.13	-1.29	-1.29	0.00	0.00	0.00
3,400.00	0.00	0.00	3,399.80	0.13	-1.29	-1.29	0.00	0.00	0.00
3,500.20	0.00	0.00	3,500.00	0.13	-1.29	-1.29	0.00	0.00	0.00
Start Build 2.00									
3,600.00	2.00	89.39	3,599.78	0.15	0.45	0.45	2.00	2.00	0.00
3,700.00	4.00	89.39	3,699.64	0.21	5.67	5.67	2.00	2.00	0.00
3,800.00	6.00	89.39	3,799.25	0.30	14.38	14.38	2.00	2.00	0.00
3,900.00	8.00	89.39	3,898.50	0.43	26.56	26.56	2.00	2.00	0.00
4,000.00	10.00	89.39	3,997.27	0.59	42.20	42.20	2.00	2.00	0.00
4,100.00	12.00	89.39	4,095.43	0.80	61.27	61.27	2.00	2.00	0.00
4,174.94	13.49	89.39	4,168.52	0.97	77.80	77.80	2.00	2.00	0.00
Start 2532.89 hold at 4174.94 MD									
4,200.00	13.49	89.39	4,192.89	1.03	83.65	83.65	0.00	0.00	0.00
4,300.00	13.49	89.39	4,290.13	1.28	106.98	106.98	0.00	0.00	0.00
4,400.00	13.49	89.39	4,387.37	1.53	130.32	130.32	0.00	0.00	0.00



Dixon Directional Planning Report



Database:	EDM	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Company:	PBEX	TVD Reference:	RKB - 30.5 @ 3718.11usft
Project:	Lea County, NM (N83 - NME)	MD Reference:	RKB - 30.5 @ 3718.11usft
Site:	Bond South Pad - Phase 1	North Reference:	Grid
Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Wellbore:	207H		
Design:	Plan 3		

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)
4,500.00	13.49	89.39	4,484.60	1.78	153.65	153.65	0.00	0.00	0.00
4,600.00	13.49	89.39	4,581.84	2.02	176.98	176.99	0.00	0.00	0.00
4,700.00	13.49	89.39	4,679.08	2.27	200.32	200.33	0.00	0.00	0.00
4,800.00	13.49	89.39	4,776.32	2.52	223.65	223.66	0.00	0.00	0.00
4,900.00	13.49	89.39	4,873.56	2.77	246.99	247.00	0.00	0.00	0.00
5,000.00	13.49	89.39	4,970.80	3.01	270.32	270.33	0.00	0.00	0.00
5,100.00	13.49	89.39	5,068.04	3.26	293.66	293.67	0.00	0.00	0.00
5,200.00	13.49	89.39	5,165.28	3.51	316.99	317.00	0.00	0.00	0.00
5,300.00	13.49	89.39	5,262.52	3.76	340.33	340.34	0.00	0.00	0.00
5,400.00	13.49	89.39	5,359.76	4.00	363.66	363.67	0.00	0.00	0.00
5,500.00	13.49	89.39	5,457.00	4.25	386.99	387.01	0.00	0.00	0.00
5,600.00	13.49	89.39	5,554.23	4.50	410.33	410.34	0.00	0.00	0.00
5,700.00	13.49	89.39	5,651.47	4.75	433.66	433.68	0.00	0.00	0.00
5,800.00	13.49	89.39	5,748.71	4.99	457.00	457.01	0.00	0.00	0.00
5,900.00	13.49	89.39	5,845.95	5.24	480.33	480.35	0.00	0.00	0.00
6,000.00	13.49	89.39	5,943.19	5.49	503.67	503.68	0.00	0.00	0.00
6,100.00	13.49	89.39	6,040.43	5.74	527.00	527.02	0.00	0.00	0.00
6,200.00	13.49	89.39	6,137.67	5.98	550.34	550.35	0.00	0.00	0.00
6,300.00	13.49	89.39	6,234.91	6.23	573.67	573.69	0.00	0.00	0.00
6,400.00	13.49	89.39	6,332.15	6.48	597.00	597.02	0.00	0.00	0.00
6,500.00	13.49	89.39	6,429.39	6.73	620.34	620.36	0.00	0.00	0.00
6,600.00	13.49	89.39	6,526.63	6.97	643.67	643.69	0.00	0.00	0.00
6,707.83	13.49	89.39	6,631.48	7.24	668.84	668.85	0.00	0.00	0.00
Start Drop -2.00									
6,800.00	11.65	89.39	6,721.43	7.45	688.90	688.92	2.00	-2.00	0.00
6,900.00	9.65	89.39	6,819.71	7.65	707.38	707.40	2.00	-2.00	0.00
7,000.00	7.65	89.39	6,918.56	7.81	722.42	722.44	2.00	-2.00	0.00
7,100.00	5.65	89.39	7,017.89	7.93	734.00	734.02	2.00	-2.00	0.00
7,200.00	3.65	89.39	7,117.55	8.02	742.11	742.13	2.00	-2.00	0.00
7,300.00	1.65	89.39	7,217.44	8.07	746.73	746.76	2.00	-2.00	0.00
7,382.57	0.00	89.83	7,300.00	8.08	747.92	747.95	2.00	-2.00	0.00
Start 1487.04 hold at 7382.57 MD									
7,400.00	0.00	0.00	7,317.43	8.08	747.92	747.95	0.00	0.00	0.00
7,500.00	0.00	0.00	7,417.43	8.08	747.92	747.95	0.00	0.00	0.00
7,600.00	0.00	0.00	7,517.43	8.08	747.92	747.95	0.00	0.00	0.00
7,700.00	0.00	0.00	7,617.43	8.08	747.92	747.95	0.00	0.00	0.00
7,800.00	0.00	0.00	7,717.43	8.08	747.92	747.95	0.00	0.00	0.00
7,900.00	0.00	0.00	7,817.43	8.08	747.92	747.95	0.00	0.00	0.00
8,000.00	0.00	0.00	7,917.43	8.08	747.92	747.95	0.00	0.00	0.00
8,100.00	0.00	0.00	8,017.43	8.08	747.92	747.95	0.00	0.00	0.00
8,200.00	0.00	0.00	8,117.43	8.08	747.92	747.95	0.00	0.00	0.00
8,300.00	0.00	0.00	8,217.43	8.08	747.92	747.95	0.00	0.00	0.00
8,400.00	0.00	0.00	8,317.43	8.08	747.92	747.95	0.00	0.00	0.00
8,500.00	0.00	0.00	8,417.43	8.08	747.92	747.95	0.00	0.00	0.00
8,600.00	0.00	0.00	8,517.43	8.08	747.92	747.95	0.00	0.00	0.00
8,700.00	0.00	0.00	8,617.43	8.08	747.92	747.95	0.00	0.00	0.00
8,800.00	0.00	0.00	8,717.43	8.08	747.92	747.95	0.00	0.00	0.00
8,869.61	0.00	0.00	8,787.04	8.08	747.92	747.95	0.00	0.00	0.00
KOP: 8869.61' MD, 8787.04' TVD, 10°DLS									
8,900.00	3.04	89.83	8,817.41	8.08	748.73	748.75	10.00	10.00	0.00
8,950.00	8.04	89.83	8,867.16	8.10	753.55	753.58	10.00	10.00	0.00
9,000.00	13.04	89.83	8,916.31	8.12	762.70	762.72	10.00	10.00	0.00
9,050.00	18.04	89.83	8,964.46	8.16	776.09	776.11	10.00	10.00	0.00



Dixon Directional Planning Report



Database:	EDM	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Company:	PBEX	TVD Reference:	RKB - 30.5 @ 3718.11usft
Project:	Lea County, NM (N83 - NME)	MD Reference:	RKB - 30.5 @ 3718.11usft
Site:	Bond South Pad - Phase 1	North Reference:	Grid
Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Wellbore:	207H		
Design:	Plan 3		

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)	
9,100.00	23.04	89.83	9,011.27	8.21	793.62	793.64	10.00	10.00	0.00	
9,150.00	28.04	89.83	9,056.37	8.28	815.17	815.19	10.00	10.00	0.00	
9,200.00	33.04	89.83	9,099.42	8.35	840.57	840.59	10.00	10.00	0.00	
9,250.00	38.04	89.83	9,140.09	8.44	869.62	869.64	10.00	10.00	0.00	
9,300.00	43.04	89.83	9,178.08	8.54	902.11	902.13	10.00	10.00	0.00	
9,350.00	48.04	89.83	9,213.09	8.64	937.78	937.81	10.00	10.00	0.00	
9,400.00	53.04	89.83	9,244.86	8.76	976.37	976.40	10.00	10.00	0.00	
9,450.00	58.04	89.83	9,273.14	8.88	1,017.59	1,017.61	10.00	10.00	0.00	
9,500.00	63.04	89.83	9,297.73	9.01	1,061.11	1,061.13	10.00	10.00	0.00	
9,550.00	68.04	89.83	9,318.42	9.15	1,106.60	1,106.63	10.00	10.00	0.00	
9,600.00	73.04	89.83	9,335.08	9.29	1,153.73	1,153.75	10.00	10.00	0.00	
9,650.00	78.04	89.83	9,347.56	9.43	1,202.13	1,202.16	10.00	10.00	0.00	
9,700.00	83.04	89.83	9,355.78	9.58	1,251.44	1,251.46	10.00	10.00	0.00	
9,750.00	88.04	89.83	9,359.66	9.73	1,301.27	1,301.29	10.00	10.00	0.00	
9,769.61	90.00	89.83	9,360.00	9.79	1,320.88	1,320.90	10.00	10.00	0.00	
EOC: 9769.61' MD, 9360.00' TVD, 1320.90' VS										
9,800.00	90.00	90.44	9,360.00	9.72	1,351.26	1,351.29	2.00	0.00	2.00	
9,900.00	90.00	92.44	9,360.00	7.21	1,451.23	1,451.24	2.00	0.00	2.00	
9,962.72	90.00	93.69	9,360.00	3.86	1,513.85	1,513.86	2.00	0.00	2.00	
10,000.00	90.00	93.69	9,360.00	1.46	1,551.06	1,551.06	0.00	0.00	0.00	
10,100.00	90.00	93.69	9,360.00	-4.98	1,650.85	1,650.83	0.00	0.00	0.00	
10,200.00	90.00	93.69	9,360.00	-11.42	1,750.65	1,750.60	0.00	0.00	0.00	
10,300.00	90.00	93.69	9,360.00	-17.86	1,850.44	1,850.38	0.00	0.00	0.00	
10,400.00	90.00	93.69	9,360.00	-24.29	1,950.23	1,950.15	0.00	0.00	0.00	
10,500.00	90.00	93.69	9,360.00	-30.73	2,050.02	2,049.92	0.00	0.00	0.00	
10,600.00	90.00	93.69	9,360.00	-37.17	2,149.82	2,149.70	0.00	0.00	0.00	
10,700.00	90.00	93.69	9,360.00	-43.61	2,249.61	2,249.47	0.00	0.00	0.00	
10,800.00	90.00	93.69	9,360.00	-50.05	2,349.40	2,349.24	0.00	0.00	0.00	
10,900.00	90.00	93.69	9,360.00	-56.48	2,449.19	2,449.01	0.00	0.00	0.00	
10,989.15	90.00	93.69	9,360.00	-62.22	2,538.16	2,537.96	0.00	0.00	0.00	
11,004.54	90.00	93.38	9,360.00	-63.17	2,553.52	2,553.32	2.00	0.00	-2.00	
11,100.00	90.00	93.38	9,360.00	-68.81	2,648.81	2,648.60	0.00	0.00	0.00	
11,200.00	90.00	93.38	9,360.00	-74.71	2,748.64	2,748.40	0.00	0.00	0.00	
11,300.00	90.00	93.38	9,360.00	-80.61	2,848.46	2,848.21	0.00	0.00	0.00	
11,400.00	90.00	93.38	9,360.00	-86.51	2,948.29	2,948.02	0.00	0.00	0.00	
11,500.00	90.00	93.38	9,360.00	-92.41	3,048.12	3,047.83	0.00	0.00	0.00	
11,600.00	90.00	93.38	9,360.00	-98.31	3,147.94	3,147.64	0.00	0.00	0.00	
11,700.00	90.00	93.38	9,360.00	-104.22	3,247.77	3,247.44	0.00	0.00	0.00	
11,800.00	90.00	93.38	9,360.00	-110.12	3,347.59	3,347.25	0.00	0.00	0.00	
11,900.00	90.00	93.38	9,360.00	-116.02	3,447.42	3,447.06	0.00	0.00	0.00	
12,000.00	90.00	93.38	9,360.00	-121.92	3,547.24	3,546.87	0.00	0.00	0.00	
12,100.00	90.00	93.38	9,360.00	-127.82	3,647.07	3,646.67	0.00	0.00	0.00	
12,200.00	90.00	93.38	9,360.00	-133.72	3,746.90	3,746.48	0.00	0.00	0.00	
12,307.73	90.00	93.38	9,360.00	-140.08	3,854.44	3,854.01	0.00	0.00	0.00	
12,400.00	90.00	93.38	9,360.00	-145.53	3,946.55	3,946.10	0.00	0.00	0.00	
12,500.00	90.00	93.38	9,360.00	-151.43	4,046.37	4,045.91	0.00	0.00	0.00	
12,600.00	90.00	93.38	9,360.00	-157.33	4,146.20	4,145.71	0.00	0.00	0.00	
12,700.00	90.00	93.38	9,360.00	-163.23	4,246.02	4,245.52	0.00	0.00	0.00	
12,800.00	90.00	93.38	9,360.00	-169.14	4,345.85	4,345.33	0.00	0.00	0.00	
12,900.00	90.00	93.38	9,360.00	-175.04	4,445.68	4,445.14	0.00	0.00	0.00	
13,000.00	90.00	93.38	9,360.00	-180.94	4,545.50	4,544.94	0.00	0.00	0.00	
13,100.00	90.00	93.38	9,360.00	-186.84	4,645.33	4,644.75	0.00	0.00	0.00	
13,200.00	90.00	93.38	9,360.00	-192.74	4,745.15	4,744.56	0.00	0.00	0.00	



Dixon Directional Planning Report



Database:	EDM	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Company:	PBEX	TVD Reference:	RKB - 30.5 @ 3718.11usft
Project:	Lea County, NM (N83 - NME)	MD Reference:	RKB - 30.5 @ 3718.11usft
Site:	Bond South Pad - Phase 1	North Reference:	Grid
Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Wellbore:	207H		
Design:	Plan 3		

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)
13,300.00	90.00	93.38	9,360.00	-198.64	4,844.98	4,844.37	0.00	0.00	0.00
13,400.00	90.00	93.38	9,360.00	-204.55	4,944.80	4,944.18	0.00	0.00	0.00
13,500.00	90.00	93.38	9,360.00	-210.45	5,044.63	5,043.98	0.00	0.00	0.00
13,600.00	90.00	93.38	9,360.00	-216.35	5,144.46	5,143.79	0.00	0.00	0.00
13,700.00	90.00	93.38	9,360.00	-222.25	5,244.28	5,243.60	0.00	0.00	0.00
13,800.00	90.00	93.38	9,360.00	-228.15	5,344.11	5,343.41	0.00	0.00	0.00
13,900.00	90.00	93.38	9,360.00	-234.05	5,443.93	5,443.21	0.00	0.00	0.00
14,000.00	90.00	93.38	9,360.00	-239.96	5,543.76	5,543.02	0.00	0.00	0.00
14,100.00	90.00	93.38	9,360.00	-245.86	5,643.58	5,642.83	0.00	0.00	0.00
14,200.00	90.00	93.38	9,360.00	-251.76	5,743.41	5,742.64	0.00	0.00	0.00
14,300.00	90.00	93.38	9,360.00	-257.66	5,843.23	5,842.44	0.00	0.00	0.00
14,400.00	90.00	93.38	9,360.00	-263.56	5,943.06	5,942.25	0.00	0.00	0.00
14,500.00	90.00	93.38	9,360.00	-269.46	6,042.89	6,042.06	0.00	0.00	0.00
14,600.00	90.00	93.38	9,360.00	-275.37	6,142.71	6,141.87	0.00	0.00	0.00
14,700.00	90.00	93.38	9,360.00	-281.27	6,242.54	6,241.68	0.00	0.00	0.00
14,800.00	90.00	93.38	9,360.00	-287.17	6,342.36	6,341.48	0.00	0.00	0.00
14,900.00	90.00	93.38	9,360.00	-293.07	6,442.19	6,441.29	0.00	0.00	0.00
14,960.07	90.00	93.38	9,360.00	-296.70	6,502.15	6,501.24	0.00	0.00	0.00
15,000.00	90.00	92.58	9,360.00	-298.78	6,542.02	6,541.11	2.00	0.00	-2.00
15,100.00	90.00	90.58	9,360.00	-301.55	6,641.98	6,641.06	2.00	0.00	-2.00
15,152.46	90.00	89.54	9,360.00	-301.60	6,694.44	6,693.51	2.00	0.00	-2.00
15,200.00	90.00	89.54	9,360.00	-301.22	6,741.98	6,741.06	0.00	0.00	0.00
15,300.00	90.00	89.54	9,360.00	-300.41	6,841.98	6,841.05	0.00	0.00	0.00
15,400.00	90.00	89.54	9,360.00	-299.60	6,941.97	6,941.05	0.00	0.00	0.00
15,500.00	90.00	89.54	9,360.00	-298.79	7,041.97	7,041.05	0.00	0.00	0.00
15,600.00	90.00	89.54	9,360.00	-297.98	7,141.97	7,141.05	0.00	0.00	0.00
15,700.00	90.00	89.54	9,360.00	-297.16	7,241.96	7,241.05	0.00	0.00	0.00
15,800.00	90.00	89.54	9,360.00	-296.35	7,341.96	7,341.05	0.00	0.00	0.00
15,900.00	90.00	89.54	9,360.00	-295.54	7,441.96	7,441.05	0.00	0.00	0.00
16,000.00	90.00	89.54	9,360.00	-294.73	7,541.95	7,541.05	0.00	0.00	0.00
16,100.00	90.00	89.54	9,360.00	-293.92	7,641.95	7,641.04	0.00	0.00	0.00
16,200.00	90.00	89.54	9,360.00	-293.11	7,741.95	7,741.04	0.00	0.00	0.00
16,278.99	90.00	89.54	9,360.00	-292.47	7,820.93	7,820.03	0.00	0.00	0.00
16,300.00	90.00	89.12	9,360.00	-292.23	7,841.94	7,841.04	2.00	0.00	-2.00
16,400.00	90.00	87.12	9,360.00	-288.94	7,941.88	7,940.99	2.00	0.00	-2.00
16,505.81	90.00	85.00	9,360.00	-281.66	8,047.44	8,046.57	2.00	0.00	-2.00
16,600.00	90.00	85.00	9,360.00	-273.45	8,141.27	8,140.42	0.00	0.00	0.00
16,700.00	90.00	85.00	9,360.00	-264.73	8,240.89	8,240.07	0.00	0.00	0.00
16,800.00	90.00	85.00	9,360.00	-256.02	8,340.51	8,339.71	0.00	0.00	0.00
16,900.00	90.00	85.00	9,360.00	-247.30	8,440.13	8,439.36	0.00	0.00	0.00
17,000.00	90.00	85.00	9,360.00	-238.58	8,539.75	8,539.00	0.00	0.00	0.00
17,100.00	90.00	85.00	9,360.00	-229.87	8,639.36	8,638.64	0.00	0.00	0.00
17,200.00	90.00	85.00	9,360.00	-221.15	8,738.98	8,738.29	0.00	0.00	0.00
17,300.00	90.00	85.00	9,360.00	-212.43	8,838.60	8,837.93	0.00	0.00	0.00
17,400.00	90.00	85.00	9,360.00	-203.72	8,938.22	8,937.58	0.00	0.00	0.00
17,500.00	90.00	85.00	9,360.00	-195.00	9,037.84	9,037.22	0.00	0.00	0.00
17,600.00	90.00	85.00	9,360.00	-186.28	9,137.46	9,136.87	0.00	0.00	0.00
17,700.00	90.00	85.00	9,360.00	-177.56	9,237.08	9,236.51	0.00	0.00	0.00
17,800.00	90.00	85.00	9,360.00	-168.85	9,336.70	9,336.16	0.00	0.00	0.00
17,900.00	90.00	85.00	9,360.00	-160.13	9,436.32	9,435.80	0.00	0.00	0.00
18,000.00	90.00	85.00	9,360.00	-151.41	9,535.94	9,535.45	0.00	0.00	0.00
18,100.00	90.00	85.00	9,360.00	-142.70	9,635.56	9,635.09	0.00	0.00	0.00
18,200.00	90.00	85.00	9,360.00	-133.98	9,735.18	9,734.74	0.00	0.00	0.00
18,300.00	90.00	85.00	9,360.00	-125.26	9,834.80	9,834.38	0.00	0.00	0.00



Dixon Directional Planning Report



Database:	EDM	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Company:	PBEX	TVD Reference:	RKB - 30.5 @ 3718.11usft
Project:	Lea County, NM (N83 - NME)	MD Reference:	RKB - 30.5 @ 3718.11usft
Site:	Bond South Pad - Phase 1	North Reference:	Grid
Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Wellbore:	207H		
Design:	Plan 3		

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)	
18,400.00	90.00	85.00	9,360.00	-116.55	9,934.42	9,934.03	0.00	0.00	0.00	
18,500.00	90.00	85.00	9,360.00	-107.83	10,034.04	10,033.67	0.00	0.00	0.00	
18,600.00	90.00	85.00	9,360.00	-99.11	10,133.66	10,133.32	0.00	0.00	0.00	
18,700.00	90.00	85.00	9,360.00	-90.39	10,233.27	10,232.96	0.00	0.00	0.00	
18,800.00	90.00	85.00	9,360.00	-81.68	10,332.89	10,332.61	0.00	0.00	0.00	
18,900.00	90.00	85.00	9,360.00	-72.96	10,432.51	10,432.25	0.00	0.00	0.00	
19,000.00	90.00	85.00	9,360.00	-64.24	10,532.13	10,531.90	0.00	0.00	0.00	
19,100.00	90.00	85.00	9,360.00	-55.53	10,631.75	10,631.54	0.00	0.00	0.00	
19,200.00	90.00	85.00	9,360.00	-46.81	10,731.37	10,731.19	0.00	0.00	0.00	
19,300.00	90.00	85.00	9,360.00	-38.09	10,830.99	10,830.83	0.00	0.00	0.00	
19,400.00	90.00	85.00	9,360.00	-29.37	10,930.61	10,930.47	0.00	0.00	0.00	
19,500.00	90.00	85.00	9,360.00	-20.66	11,030.23	11,030.12	0.00	0.00	0.00	
19,600.00	90.00	85.00	9,360.00	-11.94	11,129.85	11,129.76	0.00	0.00	0.00	
19,700.00	90.00	85.00	9,360.00	-3.22	11,229.47	11,229.41	0.00	0.00	0.00	
19,800.00	90.00	85.00	9,360.00	5.49	11,329.09	11,329.05	0.00	0.00	0.00	
19,900.00	90.00	85.00	9,360.00	14.21	11,428.71	11,428.70	0.00	0.00	0.00	
20,000.00	90.00	85.00	9,360.00	22.93	11,528.33	11,528.34	0.00	0.00	0.00	
20,100.00	90.00	85.00	9,360.00	31.64	11,627.95	11,627.99	0.00	0.00	0.00	
20,205.46	90.00	85.00	9,360.00	40.84	11,733.00	11,733.07	0.00	0.00	0.00	
TD: 20205.46' MD, 9360.00' TVD, 11733.07' VS										

Design Targets										
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
PP2 - v1 - (01) Bond 33- - plan hits target center - Point	0.00	0.00	9,360.00	-62.22	2,538.16	619,211.39	712,898.51	32.70101418	-103.77560801	
PI2 - v1 - (01) Bond 33- - plan hits target center - Point	0.00	0.00	9,360.00	-292.47	7,820.93	618,981.14	718,181.28	32.70030379	-103.75843912	
PBHL - v1 - (01) Bond 33- - plan hits target center - Point	0.00	0.00	9,360.00	40.84	11,733.00	619,314.45	722,093.35	32.70116097	-103.74571610	
LTP - v1 - (01) Bond 33- - plan misses target center by 4.18usft at 20155.63usft MD (9360.00 TVD, 36.49 N, 11683.36 E) - Point	0.00	0.00	9,360.00	40.66	11,683.00	619,314.27	722,043.35	32.70116124	-103.74587864	
PI1/PP4 - v1 - (01) Bond 33- - plan hits target center - Point	0.00	0.00	9,360.00	-296.70	6,502.15	618,976.91	716,862.50	32.70031174	-103.76272618	
PP3 - v1 - (01) Bond 33- - plan hits target center - Point	0.00	0.00	9,360.00	-140.08	3,854.44	619,133.53	714,214.79	32.70078108	-103.77133045	
FTP/PP - v1 - (01) Bond 33- - plan hits target center - Point	0.00	0.00	9,360.00	9.79	1,320.88	619,283.40	711,681.23	32.70122964	-103.77956387	
PP5 - v1 - (01) Bond 33- - plan misses target center by 7.08usft at 16405.97usft MD (9360.00 TVD, -288.63 N, 7947.85 E) - Point	0.00	0.00	9,360.00	-281.56	7,947.36	618,992.05	718,307.71	32.70033189	-103.75802794	



Database:	EDM	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Company:	PBEX	TVD Reference:	RKB - 30.5 @ 3718.11usft
Project:	Lea County, NM (N83 - NME)	MD Reference:	RKB - 30.5 @ 3718.11usft
Site:	Bond South Pad - Phase 1	North Reference:	Grid
Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Wellbore:	207H		
Design:	Plan 3		

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
765.17	765.11	Rustler				
1,150.55	1,150.44	Salt				
2,631.31	2,631.11	Base of Salt				
2,916.14	2,915.94	Yates				
3,194.81	3,194.61	Grayburg				
3,378.48	3,378.28	Seven Rivers				
5,480.75	5,438.28	Cherry Canyon				
6,534.51	6,462.94	Brushy Canyon				
7,007.78	6,926.28	BSPG Avalon				
7,532.68	7,450.11	BSPG Avalon Lower				
8,401.02	8,318.44	1st BSPG Sand				
8,686.35	8,603.78	2nd BSPG Carbonate				
9,265.85	9,152.44	2nd BSPG Sand				

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
1,289.50	1,289.33	-2.29	-1.79	Tie-in to Surface Surveys	
1,332.50	1,332.31	-1.06	-1.53	Start Drop -2.00	
1,416.00	1,415.80	0.13	-1.29	Start 2084.20 hold at 1416.00 MD	
3,500.20	3,500.00	0.13	-1.29	Start Build 2.00	
4,174.94	4,168.52	0.97	77.80	Start 2532.89 hold at 4174.94 MD	
6,707.83	6,631.48	7.24	668.84	Start Drop -2.00	
7,382.57	7,300.00	8.08	747.92	Start 1487.04 hold at 7382.57 MD	
8,869.61	8,787.04	8.08	747.92	KOP: 8869.61' MD, 8787.04' TVD, 10°DLS	
9,769.61	9,360.00	9.79	1,320.88	EOC: 9769.61' MD, 9360.00' TVD, 1320.90' VS	
20,205.46	9,360.00	40.84	11,733.00	TD: 20205.46' MD, 9360.00' TVD, 11733.07' VS	



PBEX

Lea County, NM (N83 - NME)

Bond South Pad - Phase 1

(01) Bond 33-34 FED COM 207H

TBD

207H

Plan 2

Anticollision Report

04 December, 2025

DIXON



Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Reference	Plan 2		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD Interval 100.00usft	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum centre distance of 2,064.38usft	Error Surface:	Pedal Curve
Warning Levels Evaluated at:	2.00 Sigma	Casing Method:	Not applied

Survey Tool Program		Date	12/4/2025		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
0.00	20,181.28	Plan 2 (207H)	MWD+IFR1	OWSG MWD + IFR1	

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Bond North Pad - Phase 1						
(01) Bond 32-34 FED COM 205H - 205H - Plan 2	20,176.24	22,771.47	1,450.02	939.37	2.840	CC
(01) Bond 32-34 FED COM 205H - 205H - Plan 2	20,181.28	22,771.47	1,450.03	939.28	2.839	ES, SF
(02) Bond 32-34 FED COM 301H - 301H - Plan 2						Out of range
(03) Bond 32-34 FED COM 201H - 201H - Plan 2						Out of range
Bond North Pad - Phase 2						
(01) Bond 32-34 FED COM #303H - #303H - Plan 1						Out of range
(02) Bond 32-34 FED COM #101H - #101H - Plan 1						Out of range
(03) Bond 32-34 FED COM #103H - #103H - Plan 1	8,494.68	10,839.30	1,520.62	1,448.55	21.097	CC
(03) Bond 32-34 FED COM #103H - #103H - Plan 1	20,181.28	21,818.82	1,791.08	1,347.56	4.038	ES, SF
Bond Pad Offsets						
(W01) N LUSK 32 STATE 001 - 35747 - (Gyro)						Out of range
(W02) LEAR STATE 001H - 38865 - (Gyro/MWD)	9,400.00	9,862.59	195.60	147.30	4.050	CC
(W02) LEAR STATE 001H - 38865 - (Gyro/MWD)	9,400.02	9,862.59	195.60	147.30	4.050	ES, SF
(W03) LEAR STATE 002H - 38866 - (Gyro/MWD)	9,055.27	11,190.00	1,781.43	1,713.76	26.323	CC, ES
(W03) LEAR STATE 002H - 38866 - (Gyro/MWD)	9,100.00	11,190.00	1,783.25	1,715.32	26.251	SF
(W04) FIST FULL OF DOLLARS FEDERAL 001 - 33644						Out of range
(W05) GULF FEDERAL 002 - 26310 - (Inc Only)	14,285.26	9,360.56	1,655.04	1,274.03	4.344	CC
(W05) GULF FEDERAL 002 - 26310 - (Inc Only)	14,300.00	9,360.56	1,655.10	1,273.80	4.341	ES
(W05) GULF FEDERAL 002 - 26310 - (Inc Only)	14,400.00	9,360.56	1,659.01	1,275.91	4.331	SF
(W06) GULF FEDERAL COM 001 - 25637 - (Inc Only)	14,288.34	9,347.70	342.99	-2.09	0.994	Level 3, CC, ES, SF
(W07) GULF MCKAY FEDERAL 001 - 25471 - (Inc Only)	16,934.35	9,358.32	981.36	601.19	2.581	CC, ES
(W07) GULF MCKAY FEDERAL 001 - 25471 - (Inc Only)	17,000.00	9,358.32	983.56	602.38	2.580	SF
(W08) HULKSTER 001 - 38446 - (Inc Only)						Out of range
(W09) HULKSTER 002 - 38844 - (Inc Only)						Out of range
(W10) HULKSTER 003 - 39570 - (Inc Only)						Out of range
(W11) HULKSTER 004 - 39571 - (Inc Only)						Out of range
(W12) HULKSTER 005 - 39572 - (Inc Only)	6,240.10	6,178.63	1,667.66	1,524.69	11.664	CC
(W12) HULKSTER 005 - 39572 - (Inc Only)	9,000.00	8,918.97	1,678.59	1,470.29	8.059	ES
(W12) HULKSTER 005 - 39572 - (Inc Only)	9,400.00	9,247.43	1,717.73	1,499.74	7.880	SF
(W13) KEELA FEDERAL 002 - 33339 - (Inc Only)						Out of range
(W14) KEELA FEDERAL 003 - 33340 - (Inc Only)	12,753.23	9,359.05	1,465.15	1,172.83	5.012	CC
(W14) KEELA FEDERAL 003 - 33340 - (Inc Only)	12,800.00	9,359.05	1,465.90	1,172.67	4.999	ES
(W14) KEELA FEDERAL 003 - 33340 - (Inc Only)	12,900.00	9,359.05	1,472.48	1,177.56	4.993	SF

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



Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Summary

Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Bond Pad Offsets						
(W15) KEEL A FEDERAL 004 - 33499 - (Inc Only)						Out of range
(W16) LEAR STATE SWD 003 - 26703 - (Inc Only)	2,900.00	2,899.35	838.00	767.82	11.942	CC
(W16) LEAR STATE SWD 003 - 26703 - (Inc Only)	3,600.00	3,597.10	839.57	753.50	9.754	ES
(W16) LEAR STATE SWD 003 - 26703 - (Inc Only)	9,000.00	8,915.11	1,561.45	1,343.06	7.150	SF
(W17) MAX STATE 001 - 26754 - (Inc Only)	3,040.53	3,057.92	1,765.76	1,684.49	21.726	CC
(W17) MAX STATE 001 - 26754 - (Inc Only)	3,700.00	3,689.35	1,768.14	1,671.26	18.250	ES
(W17) MAX STATE 001 - 26754 - (Inc Only)	6,600.00	6,517.19	2,059.33	1,892.95	12.377	SF
(W18) MCKAY WEST FEDERAL 001 - 24931 - (Inc Only)	16,925.41	9,368.44	1,655.60	1,268.68	4.279	CC, ES
(W18) MCKAY WEST FEDERAL 001 - 24931 - (Inc Only)	17,000.00	9,368.44	1,657.28	1,268.98	4.268	SF
(W19) SPEAR FEDERAL 001 - 33645 - (Inc Only)						Out of range
(W20) SUPERIOR FEDERAL 001 - 24277 - (Inc Only)						Out of range
(W21) VANDIVER FEDERAL 001 - 26352 - (Inc Only)	11,650.59	9,354.67	344.21	63.09	1.224	Level 3, CC, ES, SF
(W22) WATKINS 32 STATE 001 - 31735 - (Inc Only)						Out of range
(W23) KEEL A FEDERAL 001 - 33316 - (Depth Only)						Out of range
(W24) NELLIE 001 - 24439 - (Depth Only)						Out of range
(W25) PATTERSON 33 FEDERAL 001 - 33411 - (Depth)	5,700.00	5,482.00	1,494.59	902.00	2.522	SF
(W25) PATTERSON 33 FEDERAL 001 - 33411 - (Depth)	5,800.00	5,482.00	1,484.15	895.93	2.523	ES
(W25) PATTERSON 33 FEDERAL 001 - 33411 - (Depth)	5,905.57	5,482.00	1,480.39	899.68	2.549	CC
(W26) STATE EC 001 - 00885 - (Depth Only)						Out of range
(W27) TEXACO FEDERAL 001 - 00886 - (Depth Only)						Out of range
Bond South Pad - Phase 1						
(02) Bond 33-34 FED COM 211H - 211H - Plan 3	2,000.00	1,998.99	19.97	8.86	1.797	Level 3, CC, ES, SF
Bond South Pad - Phase 2						
(01) Bond 33-34 FED COM #306H - #306H - Plan 1	2,000.00	1,995.13	320.19	309.09	28.821	CC, ES
(01) Bond 33-34 FED COM #306H - #306H - Plan 1	20,181.28	21,193.34	1,536.94	1,136.80	3.841	SF
(02) Bond 33-34 FED COM #304H - #304H - Plan 1	3,082.16	3,100.89	217.44	203.15	15.216	CC
(02) Bond 33-34 FED COM #304H - #304H - Plan 1	3,100.00	3,118.23	217.48	203.14	15.163	ES
(02) Bond 33-34 FED COM #304H - #304H - Plan 1	20,181.28	21,046.64	1,015.20	711.16	3.339	SF
(03) Bond 33-34 FED COM #106H - #106H - Plan 1	2,512.77	2,509.47	277.32	264.81	22.162	CC, ES
(03) Bond 33-34 FED COM #106H - #106H - Plan 1	20,181.28	19,374.19	1,603.25	1,210.03	4.077	SF
(04) Bond 33-34 FED COM #104H - #104H - Plan 1	8,266.09	8,243.20	105.72	77.16	3.702	CC, ES
(04) Bond 33-34 FED COM #104H - #104H - Plan 1	8,300.00	8,269.73	107.69	78.18	3.650	SF

Offset Design: Bond North Pad - Phase 1 - (01) Bond 32-34 FED COM 205H - 205H - Plan 2													Offset Site Error: 0.00 usft	
Survey Program: 0-MWD+IFR1													Offset Well Error: 0.00 usft	
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned:				Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
8,000.00	7,917.93	11,791.69	9,360.00	21.01	56.21	-0.168	1,458.70	743.68	2,040.48	1,978.34	62.14	32.837		
8,100.00	8,017.93	11,791.69	9,360.00	21.06	56.21	-0.168	1,458.70	743.68	1,971.43	1,908.28	63.15	31.216		
8,200.00	8,117.93	11,791.69	9,360.00	21.11	56.21	-0.168	1,458.70	743.68	1,905.13	1,840.95	64.18	29.684		
8,300.00	8,217.93	11,791.69	9,360.00	21.16	56.21	-0.168	1,458.70	743.68	1,841.88	1,776.68	65.21	28.247		
8,400.00	8,317.93	11,791.69	9,360.00	21.21	56.21	-0.168	1,458.70	743.68	1,782.00	1,715.78	66.22	26.910		
8,500.00	8,417.93	11,791.69	9,360.00	21.26	56.21	-0.168	1,458.70	743.68	1,725.84	1,658.64	67.21	25.680		
8,600.00	8,517.93	11,791.69	9,360.00	21.31	56.21	-0.168	1,458.70	743.68	1,673.78	1,605.63	68.15	24.561		
8,700.00	8,617.93	11,791.69	9,360.00	21.35	56.21	-0.168	1,458.70	743.68	1,626.20	1,557.18	69.02	23.560		
8,800.00	8,717.93	11,791.69	9,360.00	21.40	56.21	-0.168	1,458.70	743.68	1,583.52	1,513.71	69.81	22.683		

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond North Pad - Phase 1 - (01) Bond 32-34 FED COM 205H - 205H - Plan 2													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis			Offset Wellbore Centre		Distance			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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		
8,900.00	8,817.91	11,792.52	9,360.00	21.48	56.23	-91.135	1,458.70	744.51	1,546.14	1,475.64	70.50	21.932	
9,000.00	8,916.79	11,806.57	9,360.00	21.94	56.50	-93.892	1,458.74	758.57	1,514.77	1,443.44	71.33	21.237	
9,100.00	9,011.73	11,837.58	9,360.00	22.47	57.10	-95.267	1,458.83	789.57	1,490.21	1,417.78	72.43	20.575	
9,200.00	9,099.84	11,884.61	9,360.00	23.01	58.01	-95.438	1,458.97	836.60	1,472.53	1,398.71	73.82	19.946	
9,300.00	9,178.45	11,946.22	9,360.00	23.52	59.20	-94.695	1,459.15	898.21	1,461.07	1,385.52	75.55	19.340	
9,400.00	9,245.16	12,020.54	9,360.00	23.97	60.64	-93.398	1,459.36	972.53	1,454.61	1,376.98	77.63	18.739	
9,500.00	9,297.95	12,105.32	9,360.00	24.35	62.30	-91.934	1,459.61	1,057.31	1,451.65	1,371.57	80.08	18.128	
9,600.00	9,335.22	12,197.98	9,360.00	24.62	64.11	-90.668	1,459.88	1,149.97	1,450.71	1,367.81	82.90	17.500	
9,682.52	9,353.47	12,278.38	9,360.00	24.75	65.69	-89.978	1,460.12	1,230.37	1,450.60	1,365.13	85.47	16.972	
9,700.00	9,355.84	12,295.70	9,360.00	24.78	66.03	-89.886	1,460.17	1,247.69	1,450.60	1,364.57	86.03	16.862	
9,716.21	9,357.63	12,311.81	9,360.00	24.79	66.34	-89.815	1,460.22	1,263.80	1,450.60	1,364.04	86.56	16.758	
9,800.00	9,360.00	12,395.53	9,360.00	24.83	67.99	-89.721	1,460.46	1,347.52	1,450.61	1,361.23	89.37	16.231	
9,900.00	9,360.00	12,495.53	9,360.00	24.86	69.97	-89.721	1,460.75	1,447.52	1,450.60	1,357.75	92.85	15.623	
9,929.70	9,360.00	12,525.23	9,360.00	24.87	70.56	-89.721	1,460.84	1,477.22	1,450.60	1,356.69	93.91	15.447	
10,000.00	9,360.00	12,595.53	9,360.00	24.94	71.95	-89.721	1,461.05	1,547.52	1,450.59	1,354.18	96.42	15.045	
10,029.70	9,360.00	12,625.23	9,360.00	25.13	72.54	-89.721	1,461.13	1,577.22	1,450.59	1,353.10	97.50	14.878	
10,100.00	9,360.00	12,695.53	9,360.00	26.19	73.94	-89.721	1,461.34	1,647.52	1,450.59	1,350.53	100.06	14.498	
10,129.70	9,360.00	12,725.23	9,360.00	26.69	74.53	-89.721	1,461.43	1,677.22	1,450.59	1,349.43	101.15	14.340	
10,200.00	9,360.00	12,795.53	9,360.00	27.89	75.93	-89.721	1,461.63	1,747.52	1,450.58	1,346.83	103.76	13.981	
10,229.70	9,360.00	12,825.23	9,360.00	28.41	76.52	-89.721	1,461.72	1,777.22	1,450.58	1,345.71	104.87	13.832	
10,300.00	9,360.00	12,895.53	9,360.00	29.64	77.92	-89.721	1,461.92	1,847.52	1,450.58	1,343.07	107.50	13.493	
10,329.70	9,360.00	12,925.23	9,360.00	30.17	78.51	-89.721	1,462.01	1,877.22	1,450.58	1,341.95	108.63	13.353	
10,400.00	9,360.00	12,995.53	9,360.00	31.43	79.92	-89.721	1,462.22	1,947.52	1,450.57	1,339.28	111.30	13.033	
10,429.70	9,360.00	13,025.23	9,360.00	31.97	80.51	-89.721	1,462.30	1,977.22	1,450.57	1,338.14	112.43	12.902	
10,500.00	9,360.00	13,095.53	9,360.00	33.25	81.92	-89.721	1,462.51	2,047.52	1,450.57	1,335.44	115.12	12.600	
10,529.70	9,360.00	13,125.23	9,360.00	33.80	82.52	-89.721	1,462.60	2,077.22	1,450.56	1,334.29	116.27	12.476	
10,600.00	9,360.00	13,195.53	9,360.00	35.10	83.93	-89.721	1,462.80	2,147.52	1,450.56	1,331.58	118.98	12.191	
10,629.70	9,360.00	13,225.23	9,360.00	35.66	84.52	-89.721	1,462.89	2,177.22	1,450.56	1,330.42	120.14	12.074	
10,700.00	9,360.00	13,295.53	9,360.00	36.98	85.93	-89.721	1,463.09	2,247.52	1,450.56	1,327.69	122.87	11.806	
10,729.70	9,360.00	13,325.23	9,360.00	37.54	86.53	-89.721	1,463.18	2,277.22	1,450.55	1,326.53	124.03	11.696	
10,800.00	9,360.00	13,395.53	9,360.00	38.87	87.95	-89.721	1,463.39	2,347.52	1,450.55	1,323.78	126.77	11.442	
10,829.70	9,360.00	13,425.23	9,360.00	39.44	88.54	-89.721	1,463.47	2,377.22	1,450.55	1,322.61	127.94	11.338	
10,900.00	9,360.00	13,495.53	9,360.00	40.78	89.96	-89.721	1,463.68	2,447.52	1,450.54	1,319.84	130.70	11.098	
10,929.70	9,360.00	13,525.23	9,360.00	41.35	90.56	-89.721	1,463.77	2,477.22	1,450.54	1,318.67	131.87	11.000	
11,000.00	9,360.00	13,595.53	9,360.00	42.71	91.98	-89.721	1,463.97	2,547.52	1,450.54	1,315.90	134.64	10.773	
11,029.70	9,360.00	13,625.23	9,360.00	43.28	92.58	-89.721	1,464.06	2,577.22	1,450.54	1,314.72	135.82	10.680	
11,100.00	9,360.00	13,695.53	9,360.00	44.65	93.99	-89.721	1,464.27	2,647.52	1,450.53	1,311.93	138.60	10.465	
11,129.70	9,360.00	13,725.23	9,360.00	45.23	94.59	-89.721	1,464.35	2,677.22	1,450.53	1,310.75	139.78	10.377	
11,200.00	9,360.00	13,795.53	9,360.00	46.60	96.02	-89.721	1,464.56	2,747.52	1,450.53	1,307.95	142.57	10.174	
11,229.70	9,360.00	13,825.23	9,360.00	47.18	96.62	-89.721	1,464.64	2,777.22	1,450.53	1,306.77	143.76	10.090	
11,300.00	9,360.00	13,895.53	9,360.00	48.56	98.04	-89.721	1,464.85	2,847.51	1,450.52	1,303.96	146.56	9.897	
11,329.70	9,360.00	13,925.23	9,360.00	49.14	98.64	-89.721	1,464.94	2,877.22	1,450.52	1,302.77	147.74	9.818	
11,400.00	9,360.00	13,995.53	9,360.00	50.53	100.06	-89.721	1,465.14	2,947.51	1,450.52	1,299.96	150.55	9.635	
11,429.70	9,360.00	14,025.23	9,360.00	51.12	100.67	-89.721	1,465.23	2,977.21	1,450.51	1,298.77	151.74	9.559	
11,500.00	9,360.00	14,095.53	9,360.00	52.50	102.09	-89.721	1,465.44	3,047.51	1,450.51	1,295.95	154.56	9.385	
11,529.70	9,360.00	14,125.23	9,360.00	53.09	102.69	-89.721	1,465.52	3,077.21	1,450.51	1,294.76	155.75	9.313	
11,600.00	9,360.00	14,195.53	9,360.00	54.49	104.12	-89.721	1,465.73	3,147.51	1,450.50	1,291.93	158.57	9.147	
11,629.70	9,360.00	14,225.23	9,360.00	55.08	104.72	-89.721	1,465.81	3,177.21	1,450.50	1,290.74	159.76	9.079	
11,700.00	9,360.00	14,295.53	9,360.00	56.48	106.15	-89.721	1,466.02	3,247.51	1,450.50	1,287.91	162.59	8.921	
11,729.70	9,360.00	14,325.23	9,360.00	57.07	106.75	-89.721	1,466.11	3,277.21	1,450.50	1,286.71	163.79	8.856	
11,800.00	9,360.00	14,395.53	9,360.00	58.47	108.18	-89.721	1,466.31	3,347.51	1,450.49	1,283.87	166.62	8.705	
11,829.70	9,360.00	14,425.23	9,360.00	59.07	108.78	-89.721	1,466.40	3,377.21	1,450.49	1,282.68	167.82	8.643	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond North Pad - Phase 1 - (01) Bond 32-34 FED COM 205H - 205H - Plan 2													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis			Offset Wellbore Centre		Distance			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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		
11,900.00	9,360.00	14,495.53	9,360.00	60.47	110.21	-89.721	1,466.61	3,447.51	1,450.49	1,279.84	170.65	8.500	
11,929.70	9,360.00	14,525.23	9,360.00	61.07	110.82	-89.721	1,466.69	3,477.21	1,450.49	1,278.63	171.85	8.440	
12,000.00	9,360.00	14,595.53	9,360.00	62.48	112.25	-89.721	1,466.90	3,547.51	1,450.48	1,275.79	174.69	8.303	
12,029.70	9,360.00	14,625.23	9,360.00	63.08	112.85	-89.721	1,466.98	3,577.21	1,450.48	1,274.59	175.89	8.246	
12,100.00	9,360.00	14,695.53	9,360.00	64.49	114.28	-89.721	1,467.19	3,647.51	1,450.48	1,271.74	178.74	8.115	
12,129.70	9,360.00	14,725.23	9,360.00	65.09	114.89	-89.721	1,467.28	3,677.21	1,450.47	1,270.53	179.94	8.061	
12,200.00	9,360.00	14,795.53	9,360.00	66.50	116.32	-89.721	1,467.48	3,747.51	1,450.47	1,267.68	182.79	7.935	
12,229.70	9,360.00	14,825.23	9,360.00	67.10	116.93	-89.721	1,467.57	3,777.21	1,450.47	1,266.48	183.99	7.883	
12,300.00	9,360.00	14,895.53	9,360.00	68.52	118.36	-89.721	1,467.78	3,847.51	1,450.46	1,263.62	186.84	7.763	
12,329.70	9,360.00	14,925.23	9,360.00	69.12	118.97	-89.721	1,467.86	3,877.21	1,450.46	1,262.42	188.05	7.713	
12,400.00	9,360.00	14,995.53	9,360.00	70.54	120.40	-89.721	1,468.07	3,947.51	1,450.46	1,259.56	190.90	7.598	
12,429.70	9,360.00	15,025.23	9,360.00	71.14	121.00	-89.721	1,468.16	3,977.21	1,450.46	1,258.35	192.11	7.550	
12,500.00	9,360.00	15,095.53	9,360.00	72.56	122.44	-89.721	1,468.36	4,047.51	1,450.45	1,255.49	194.96	7.440	
12,529.70	9,360.00	15,125.23	9,360.00	73.16	123.05	-89.721	1,468.45	4,077.21	1,450.45	1,254.28	196.17	7.394	
12,600.00	9,360.00	15,195.53	9,360.00	74.58	124.48	-89.721	1,468.65	4,147.51	1,450.45	1,251.42	199.03	7.288	
12,629.70	9,360.00	15,225.23	9,360.00	75.19	125.09	-89.721	1,468.74	4,177.21	1,450.45	1,250.21	200.24	7.244	
12,700.00	9,360.00	15,295.53	9,360.00	76.61	126.52	-89.721	1,468.95	4,247.51	1,450.44	1,247.34	203.10	7.142	
12,729.70	9,360.00	15,325.23	9,360.00	77.21	127.13	-89.721	1,469.03	4,277.21	1,450.44	1,246.13	204.31	7.099	
12,800.00	9,360.00	15,395.53	9,360.00	78.64	128.57	-89.721	1,469.24	4,347.51	1,450.44	1,243.26	207.17	7.001	
12,829.70	9,360.00	15,425.23	9,360.00	79.24	129.17	-89.721	1,469.33	4,377.21	1,450.43	1,242.05	208.38	6.960	
12,900.00	9,360.00	15,495.53	9,360.00	80.67	130.61	-89.721	1,469.53	4,447.51	1,450.43	1,239.18	211.25	6.866	
12,929.70	9,360.00	15,525.23	9,360.00	81.28	131.22	-89.721	1,469.62	4,477.21	1,450.43	1,237.97	212.46	6.827	
13,000.00	9,360.00	15,595.53	9,360.00	82.71	132.65	-89.721	1,469.82	4,547.51	1,450.43	1,235.10	215.33	6.736	
13,029.70	9,360.00	15,625.23	9,360.00	83.31	133.26	-89.721	1,469.91	4,577.21	1,450.42	1,233.89	216.54	6.698	
13,100.00	9,360.00	15,695.53	9,360.00	84.74	134.70	-89.721	1,470.12	4,647.51	1,450.42	1,231.01	219.41	6.611	
13,129.70	9,360.00	15,725.23	9,360.00	85.35	135.31	-89.721	1,470.20	4,677.21	1,450.42	1,229.80	220.62	6.574	
13,200.00	9,360.00	15,795.53	9,360.00	86.78	136.75	-89.721	1,470.41	4,747.51	1,450.41	1,226.92	223.49	6.490	
13,229.70	9,360.00	15,825.23	9,360.00	87.38	137.35	-89.721	1,470.50	4,777.21	1,450.41	1,225.71	224.70	6.455	
13,300.00	9,360.00	15,895.53	9,360.00	88.82	138.79	-89.721	1,470.70	4,847.51	1,450.41	1,222.83	227.58	6.373	
13,329.70	9,360.00	15,925.23	9,360.00	89.42	139.40	-89.721	1,470.79	4,877.21	1,450.41	1,221.62	228.79	6.339	
13,400.00	9,360.00	15,995.53	9,360.00	90.86	140.84	-89.721	1,470.99	4,947.51	1,450.40	1,218.74	231.66	6.261	
13,429.70	9,360.00	16,025.23	9,360.00	91.46	141.45	-89.721	1,471.08	4,977.21	1,450.40	1,217.52	232.88	6.228	
13,500.00	9,360.00	16,095.53	9,360.00	92.90	142.89	-89.721	1,471.29	5,047.51	1,450.40	1,214.64	235.75	6.152	
13,529.70	9,360.00	16,125.23	9,360.00	93.50	143.50	-89.721	1,471.37	5,077.21	1,450.40	1,213.43	236.97	6.121	
13,600.00	9,360.00	16,195.53	9,360.00	94.94	144.94	-89.721	1,471.58	5,147.51	1,450.39	1,210.55	239.84	6.047	
13,629.70	9,360.00	16,225.23	9,360.00	95.55	145.55	-89.721	1,471.67	5,177.21	1,450.39	1,209.33	241.06	6.017	
13,700.00	9,360.00	16,295.53	9,360.00	96.98	146.99	-89.721	1,471.87	5,247.50	1,450.39	1,206.45	243.94	5.946	
13,729.70	9,360.00	16,325.23	9,360.00	97.59	147.60	-89.721	1,471.96	5,277.20	1,450.38	1,205.23	245.15	5.916	
13,800.00	9,360.00	16,395.53	9,360.00	99.03	149.04	-89.721	1,472.16	5,347.50	1,450.38	1,202.35	248.03	5.848	
13,829.70	9,360.00	16,425.23	9,360.00	99.63	149.65	-89.721	1,472.25	5,377.20	1,450.38	1,201.13	249.25	5.819	
13,900.00	9,360.00	16,495.53	9,360.00	101.07	151.09	-89.721	1,472.46	5,447.50	1,450.37	1,198.25	252.13	5.753	
13,929.70	9,360.00	16,525.23	9,360.00	101.68	151.70	-89.721	1,472.54	5,477.20	1,450.37	1,197.03	253.35	5.725	
14,000.00	9,360.00	16,595.53	9,360.00	103.12	153.14	-89.721	1,472.75	5,547.50	1,450.37	1,194.14	256.23	5.661	
14,029.70	9,360.00	16,625.23	9,360.00	103.73	153.75	-89.721	1,472.84	5,577.20	1,450.37	1,192.92	257.44	5.634	
14,100.00	9,360.00	16,695.53	9,360.00	105.17	155.19	-89.721	1,473.04	5,647.50	1,450.36	1,190.04	260.33	5.571	
14,129.70	9,360.00	16,725.23	9,360.00	105.77	155.80	-89.721	1,473.13	5,677.20	1,450.36	1,188.82	261.54	5.545	
14,200.00	9,360.00	16,795.53	9,360.00	107.21	157.24	-89.721	1,473.33	5,747.50	1,450.36	1,185.93	264.43	5.485	
14,229.70	9,360.00	16,825.23	9,360.00	107.82	157.85	-89.721	1,473.42	5,777.20	1,450.36	1,184.71	265.64	5.460	
14,300.00	9,360.00	16,895.53	9,360.00	109.26	159.30	-89.721	1,473.63	5,847.50	1,450.35	1,181.82	268.53	5.401	
14,329.70	9,360.00	16,925.23	9,360.00	109.87	159.91	-89.721	1,473.71	5,877.20	1,450.35	1,180.60	269.75	5.377	
14,400.00	9,360.00	16,995.53	9,360.00	111.31	161.35	-89.721	1,473.92	5,947.50	1,450.35	1,177.72	272.63	5.320	
14,429.70	9,360.00	17,025.23	9,360.00	111.92	161.96	-89.721	1,474.01	5,977.20	1,450.34	1,176.49	273.85	5.296	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond North Pad - Phase 1 - (01) Bond 32-34 FED COM 205H - 205H - Plan 2												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IFR1												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Offset Wellbore Centre		Distance			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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
14,500.00	9,360.00	17,095.53	9,360.00	113.36	163.40	-89.721	1,474.21	6,047.50	1,450.34	1,173.61	276.73	5.241	
14,529.70	9,360.00	17,125.23	9,360.00	113.97	164.01	-89.721	1,474.30	6,077.20	1,450.34	1,172.38	277.95	5.218	
14,600.00	9,360.00	17,195.53	9,360.00	115.42	165.46	-89.721	1,474.50	6,147.50	1,450.33	1,169.49	280.84	5.164	
14,629.70	9,360.00	17,225.23	9,360.00	116.02	166.07	-89.721	1,474.59	6,177.20	1,450.33	1,168.27	282.06	5.142	
14,700.00	9,360.00	17,295.53	9,360.00	117.47	167.51	-89.721	1,474.80	6,247.50	1,450.33	1,165.38	284.95	5.090	
14,729.70	9,360.00	17,325.23	9,360.00	118.08	168.12	-89.721	1,474.88	6,277.20	1,450.33	1,164.16	286.17	5.068	
14,800.00	9,360.00	17,395.53	9,360.00	119.52	169.56	-89.721	1,475.09	6,347.50	1,450.32	1,161.27	289.05	5.017	
14,829.70	9,360.00	17,425.23	9,360.00	120.13	170.17	-89.721	1,475.18	6,377.20	1,450.32	1,160.05	290.27	4.996	
14,900.00	9,360.00	17,495.53	9,360.00	121.57	171.62	-89.721	1,475.38	6,447.50	1,450.32	1,157.16	293.16	4.947	
14,929.70	9,360.00	17,525.23	9,360.00	122.18	172.23	-89.721	1,475.47	6,477.20	1,450.32	1,155.93	294.38	4.927	
15,000.00	9,360.00	17,595.53	9,360.00	123.63	173.67	-89.721	1,475.67	6,547.50	1,450.31	1,153.04	297.27	4.879	
15,029.70	9,360.00	17,625.23	9,360.00	124.24	174.29	-89.721	1,475.76	6,577.20	1,450.31	1,151.82	298.49	4.859	
15,100.00	9,360.00	17,695.53	9,360.00	125.68	175.73	-89.721	1,475.97	6,647.50	1,450.31	1,148.93	301.38	4.812	
15,129.70	9,360.00	17,725.23	9,360.00	126.29	176.34	-89.721	1,476.05	6,677.20	1,450.30	1,147.70	302.60	4.793	
15,200.00	9,360.00	17,795.53	9,360.00	127.74	177.79	-89.721	1,476.26	6,747.50	1,450.30	1,144.81	305.49	4.747	
15,229.70	9,360.00	17,825.23	9,360.00	128.35	178.40	-89.721	1,476.35	6,777.20	1,450.30	1,143.59	306.71	4.729	
15,300.00	9,360.00	17,895.53	9,360.00	129.79	179.84	-89.721	1,476.55	6,847.50	1,450.30	1,140.69	309.60	4.684	
15,329.70	9,360.00	17,925.23	9,360.00	130.40	180.45	-89.721	1,476.64	6,877.20	1,450.29	1,139.47	310.83	4.666	
15,400.00	9,360.00	17,995.53	9,360.00	131.85	181.90	-89.721	1,476.84	6,947.50	1,450.29	1,136.57	313.72	4.623	
15,429.70	9,360.00	18,025.23	9,360.00	132.46	182.51	-89.721	1,476.93	6,977.20	1,450.29	1,135.35	314.94	4.605	
15,500.00	9,360.00	18,095.53	9,360.00	133.90	183.96	-89.721	1,477.14	7,047.50	1,450.28	1,132.45	317.83	4.563	
15,529.70	9,360.00	18,125.23	9,360.00	134.51	184.57	-89.721	1,477.22	7,077.20	1,450.28	1,131.23	319.05	4.546	
15,600.00	9,360.00	18,195.53	9,360.00	135.96	186.01	-89.721	1,477.43	7,147.50	1,450.28	1,128.33	321.94	4.505	
15,629.70	9,360.00	18,225.23	9,360.00	136.57	186.63	-89.721	1,477.52	7,177.20	1,450.28	1,127.11	323.17	4.488	
15,700.00	9,360.00	18,295.53	9,360.00	138.02	188.07	-89.721	1,477.72	7,247.50	1,450.27	1,124.21	326.06	4.448	
15,729.70	9,360.00	18,325.23	9,360.00	138.63	188.68	-89.721	1,477.81	7,277.20	1,450.27	1,122.99	327.28	4.431	
15,800.00	9,360.00	18,395.53	9,360.00	140.07	190.13	-89.721	1,478.02	7,347.50	1,450.27	1,120.09	330.17	4.392	
15,829.70	9,360.00	18,425.23	9,360.00	140.68	190.74	-89.721	1,478.10	7,377.20	1,450.27	1,118.87	331.40	4.376	
15,900.00	9,360.00	18,495.53	9,360.00	142.13	192.19	-89.721	1,478.31	7,447.50	1,450.26	1,115.97	334.29	4.338	
15,929.70	9,360.00	18,525.23	9,360.00	142.74	192.80	-89.721	1,478.39	7,477.20	1,450.26	1,114.75	335.51	4.323	
16,000.00	9,360.00	18,595.53	9,360.00	144.19	194.25	-89.721	1,478.60	7,547.49	1,450.26	1,111.85	338.41	4.286	
16,029.70	9,360.00	18,625.23	9,360.00	144.80	194.86	-89.721	1,478.69	7,577.20	1,450.25	1,110.63	339.63	4.270	
16,100.00	9,360.00	18,695.53	9,360.00	146.25	196.30	-89.721	1,478.89	7,647.49	1,450.25	1,107.73	342.52	4.234	
16,129.70	9,360.00	18,725.23	9,360.00	146.86	196.92	-89.721	1,478.98	7,677.19	1,450.25	1,106.50	343.75	4.219	
16,200.00	9,360.00	18,795.53	9,360.00	148.31	198.36	-89.721	1,479.19	7,747.49	1,450.24	1,103.60	346.64	4.184	
16,229.70	9,360.00	18,825.23	9,360.00	148.92	198.97	-89.721	1,479.27	7,777.19	1,450.24	1,102.38	347.86	4.169	
16,300.00	9,360.00	18,895.53	9,360.00	150.37	200.42	-89.721	1,479.48	7,847.49	1,450.24	1,099.48	350.76	4.135	
16,329.70	9,360.00	18,925.23	9,360.00	150.98	201.03	-89.721	1,479.56	7,877.19	1,450.24	1,098.26	351.98	4.120	
16,400.00	9,360.00	18,995.53	9,360.00	152.42	202.48	-89.721	1,479.77	7,947.49	1,450.23	1,095.36	354.88	4.087	
16,429.70	9,360.00	19,025.23	9,360.00	153.04	203.09	-89.721	1,479.86	7,977.19	1,450.23	1,094.13	356.10	4.073	
16,500.00	9,360.00	19,095.53	9,360.00	154.48	204.54	-89.721	1,480.06	8,047.49	1,450.23	1,091.23	359.00	4.040	
16,529.70	9,360.00	19,125.23	9,360.00	155.10	205.15	-89.721	1,480.15	8,077.19	1,450.23	1,090.01	360.22	4.026	
16,600.00	9,360.00	19,195.53	9,360.00	156.54	206.60	-89.721	1,480.36	8,147.49	1,450.22	1,087.11	363.12	3.994	
16,629.70	9,360.00	19,225.23	9,360.00	157.16	207.21	-89.721	1,480.44	8,177.19	1,450.22	1,085.88	364.34	3.980	
16,700.00	9,360.00	19,295.53	9,360.00	158.60	208.66	-89.721	1,480.65	8,247.49	1,450.22	1,082.98	367.24	3.949	
16,729.70	9,360.00	19,325.23	9,360.00	159.22	209.27	-89.721	1,480.74	8,277.19	1,450.21	1,081.76	368.46	3.936	
16,800.00	9,360.00	19,395.53	9,360.00	160.66	210.72	-89.721	1,480.94	8,347.49	1,450.21	1,078.85	371.36	3.905	
16,829.70	9,360.00	19,425.23	9,360.00	161.28	211.33	-89.721	1,481.03	8,377.19	1,450.21	1,077.63	372.58	3.892	
16,900.00	9,360.00	19,495.53	9,360.00	162.73	212.78	-89.721	1,481.23	8,447.49	1,450.20	1,074.73	375.48	3.862	
16,929.70	9,360.00	19,525.23	9,360.00	163.34	213.39	-89.721	1,481.32	8,477.19	1,450.20	1,073.50	376.70	3.850	
17,000.00	9,360.00	19,595.53	9,360.00	164.79	214.84	-89.721	1,481.53	8,547.49	1,450.20	1,070.60	379.60	3.820	
17,029.70	9,360.00	19,625.23	9,360.00	165.40	215.45	-89.721	1,481.61	8,577.19	1,450.20	1,069.38	380.82	3.808	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond North Pad - Phase 1 - (01) Bond 32-34 FED COM 205H - 205H - Plan 2													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis			Offset Wellbore Centre		Distance				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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
17,100.00	9,360.00	19,695.53	9,360.00	166.85	216.90	-89.721	1,481.82	8,647.49	1,450.19	1,066.47	383.72	3.779	
17,129.70	9,360.00	19,725.23	9,360.00	167.46	217.51	-89.721	1,481.91	8,677.19	1,450.19	1,065.25	384.94	3.767	
17,200.00	9,360.00	19,795.53	9,360.00	168.91	218.96	-89.721	1,482.11	8,747.49	1,450.19	1,062.35	387.84	3.739	
17,229.70	9,360.00	19,825.23	9,360.00	169.52	219.57	-89.721	1,482.20	8,777.19	1,450.19	1,061.12	389.07	3.727	
17,300.00	9,360.00	19,895.53	9,360.00	170.97	221.02	-89.721	1,482.40	8,847.49	1,450.18	1,058.22	391.96	3.700	
17,329.70	9,360.00	19,925.23	9,360.00	171.58	221.64	-89.721	1,482.49	8,877.19	1,450.18	1,056.99	393.19	3.688	
17,400.00	9,360.00	19,995.53	9,360.00	173.03	223.08	-89.721	1,482.70	8,947.49	1,450.18	1,054.09	396.09	3.661	
17,429.70	9,360.00	20,025.23	9,360.00	173.64	223.70	-89.721	1,482.78	8,977.19	1,450.17	1,052.86	397.31	3.650	
17,500.00	9,360.00	20,095.53	9,360.00	175.09	225.15	-89.721	1,482.99	9,047.49	1,450.17	1,049.96	400.21	3.624	
17,529.70	9,360.00	20,125.23	9,360.00	175.71	225.76	-89.721	1,483.08	9,077.19	1,450.17	1,048.73	401.44	3.612	
17,600.00	9,360.00	20,195.53	9,360.00	177.16	227.21	-89.721	1,483.28	9,147.49	1,450.17	1,045.83	404.33	3.587	
17,629.70	9,360.00	20,225.23	9,360.00	177.77	227.82	-89.721	1,483.37	9,177.19	1,450.16	1,044.60	405.56	3.576	
17,700.00	9,360.00	20,295.53	9,360.00	179.22	229.27	-89.721	1,483.57	9,247.49	1,450.16	1,041.70	408.46	3.550	
17,729.70	9,360.00	20,325.23	9,360.00	179.83	229.88	-89.721	1,483.66	9,277.19	1,450.16	1,040.47	409.68	3.540	
17,800.00	9,360.00	20,395.53	9,360.00	181.28	231.33	-89.721	1,483.87	9,347.49	1,450.15	1,037.57	412.58	3.515	
17,829.70	9,360.00	20,425.23	9,360.00	181.89	231.94	-89.721	1,483.95	9,377.19	1,450.15	1,036.34	413.81	3.504	
17,900.00	9,360.00	20,495.53	9,360.00	183.34	233.39	-89.721	1,484.16	9,447.49	1,450.15	1,033.44	416.71	3.480	
17,929.70	9,360.00	20,525.23	9,360.00	183.96	234.01	-89.721	1,484.25	9,477.19	1,450.15	1,032.21	417.93	3.470	
18,000.00	9,360.00	20,595.53	9,360.00	185.41	235.46	-89.721	1,484.45	9,547.49	1,450.14	1,029.31	420.83	3.446	
18,029.70	9,360.00	20,625.23	9,360.00	186.02	236.07	-89.721	1,484.54	9,577.19	1,450.14	1,028.08	422.06	3.436	
18,100.00	9,360.00	20,695.53	9,360.00	187.47	237.52	-89.721	1,484.74	9,647.49	1,450.14	1,025.18	424.96	3.412	
18,129.70	9,360.00	20,725.23	9,360.00	188.08	238.13	-89.721	1,484.83	9,677.19	1,450.14	1,023.95	426.18	3.403	
18,200.00	9,360.00	20,795.53	9,360.00	189.53	239.58	-89.721	1,485.04	9,747.49	1,450.13	1,021.05	429.08	3.380	
18,229.70	9,360.00	20,825.23	9,360.00	190.14	240.19	-89.721	1,485.12	9,777.19	1,450.13	1,019.82	430.31	3.370	
18,300.00	9,360.00	20,895.53	9,360.00	191.59	241.64	-89.721	1,485.33	9,847.49	1,450.13	1,016.92	433.21	3.347	
18,329.70	9,360.00	20,925.23	9,360.00	192.21	242.25	-89.721	1,485.42	9,877.19	1,450.12	1,015.69	434.43	3.338	
18,400.00	9,360.00	20,995.53	9,360.00	193.66	243.70	-89.721	1,485.62	9,947.48	1,450.12	1,012.79	437.33	3.316	
18,429.70	9,360.00	21,025.23	9,360.00	194.27	244.32	-89.721	1,485.71	9,977.18	1,450.12	1,011.56	438.56	3.307	
18,500.00	9,360.00	21,095.53	9,360.00	195.72	245.77	-89.721	1,485.91	10,047.48	1,450.11	1,008.65	441.46	3.285	
18,529.70	9,360.00	21,125.23	9,360.00	196.33	246.38	-89.721	1,486.00	10,077.18	1,450.11	1,007.43	442.69	3.276	
18,600.00	9,360.00	21,195.53	9,360.00	197.78	247.83	-89.721	1,486.21	10,147.48	1,450.11	1,004.52	445.59	3.254	
18,629.70	9,360.00	21,225.23	9,360.00	198.40	248.44	-89.721	1,486.29	10,177.18	1,450.11	1,003.29	446.81	3.245	
18,700.00	9,360.00	21,295.53	9,360.00	199.85	249.89	-89.721	1,486.50	10,247.48	1,450.10	1,000.39	449.71	3.225	
18,729.70	9,360.00	21,325.23	9,360.00	200.46	250.51	-89.721	1,486.59	10,277.18	1,450.10	999.16	450.94	3.216	
18,800.00	9,360.00	21,395.53	9,360.00	201.91	251.96	-89.721	1,486.79	10,347.48	1,450.10	996.26	453.84	3.195	
18,829.70	9,360.00	21,425.23	9,360.00	202.53	252.57	-89.721	1,486.88	10,377.18	1,450.10	995.03	455.07	3.187	
18,900.00	9,360.00	21,495.53	9,360.00	203.98	254.02	-89.721	1,487.08	10,447.48	1,450.09	992.12	457.97	3.166	
18,929.70	9,360.00	21,525.23	9,360.00	204.59	254.63	-89.721	1,487.17	10,477.18	1,450.09	990.90	459.19	3.158	
19,000.00	9,360.00	21,595.53	9,360.00	206.04	256.08	-89.721	1,487.38	10,547.48	1,450.09	987.99	462.09	3.138	
19,029.70	9,360.00	21,625.23	9,360.00	206.65	256.70	-89.721	1,487.46	10,577.18	1,450.08	986.76	463.32	3.130	
19,100.00	9,360.00	21,695.53	9,360.00	208.10	258.15	-89.721	1,487.67	10,647.48	1,450.08	983.86	466.22	3.110	
19,129.70	9,360.00	21,725.23	9,360.00	208.72	258.76	-89.721	1,487.76	10,677.18	1,450.08	982.63	467.45	3.102	
19,200.00	9,360.00	21,795.53	9,360.00	210.17	260.21	-89.721	1,487.96	10,747.48	1,450.07	979.72	470.35	3.083	
19,229.70	9,360.00	21,825.23	9,360.00	210.78	260.82	-89.721	1,488.05	10,777.18	1,450.07	978.50	471.58	3.075	
19,300.00	9,360.00	21,895.53	9,360.00	212.23	262.27	-89.721	1,488.25	10,847.48	1,450.07	975.59	474.48	3.056	
19,329.70	9,360.00	21,925.23	9,360.00	212.85	262.89	-89.721	1,488.34	10,877.18	1,450.07	974.36	475.70	3.048	
19,400.00	9,360.00	21,995.53	9,360.00	214.30	264.34	-89.721	1,488.55	10,947.48	1,450.06	971.46	478.61	3.030	
19,429.70	9,360.00	22,025.23	9,360.00	214.91	264.95	-89.721	1,488.63	10,977.18	1,450.06	970.23	479.83	3.022	
19,500.00	9,360.00	22,095.53	9,360.00	216.36	266.40	-89.721	1,488.84	11,047.48	1,450.06	967.32	482.73	3.004	
19,529.70	9,360.00	22,125.23	9,360.00	216.98	267.01	-89.721	1,488.93	11,077.18	1,450.06	966.09	483.96	2.996	
19,600.00	9,360.00	22,195.53	9,360.00	218.43	268.46	-89.721	1,489.13	11,147.48	1,450.05	963.19	486.86	2.978	
19,629.70	9,360.00	22,225.23	9,360.00	219.04	269.08	-89.721	1,489.22	11,177.18	1,450.05	961.96	488.09	2.971	

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



Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond North Pad - Phase 1 - (01) Bond 32-34 FED COM 205H - 205H - Plan 2													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis			Offset Wellbore Centre		Distance				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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
19,700.00	9,360.00	22,295.53	9,360.00	220.49	270.53	-89.721	1,489.42	11,247.48	1,450.05	959.05	490.99	2.953	
19,729.70	9,360.00	22,325.23	9,360.00	221.10	271.14	-89.721	1,489.51	11,277.18	1,450.04	957.83	492.22	2.946	
19,800.00	9,360.00	22,395.53	9,360.00	222.56	272.59	-89.721	1,489.72	11,347.48	1,450.04	954.92	495.12	2.929	
19,829.70	9,360.00	22,425.23	9,360.00	223.17	273.21	-89.721	1,489.80	11,377.18	1,450.04	953.69	496.35	2.921	
19,900.00	9,360.00	22,495.53	9,360.00	224.62	274.66	-89.721	1,490.01	11,447.48	1,450.04	950.78	499.25	2.904	
19,929.70	9,360.00	22,525.23	9,360.00	225.23	275.27	-89.721	1,490.10	11,477.18	1,450.03	949.56	500.48	2.897	
20,000.00	9,360.00	22,595.53	9,360.00	226.69	276.72	-89.721	1,490.30	11,547.48	1,450.03	946.65	503.38	2.881	
20,029.70	9,360.00	22,625.23	9,360.00	227.30	277.33	-89.721	1,490.39	11,577.18	1,450.03	945.42	504.61	2.874	
20,100.00	9,360.00	22,695.53	9,360.00	228.75	278.79	-89.721	1,490.60	11,647.48	1,450.02	942.51	507.51	2.857	
20,129.70	9,360.00	22,725.23	9,360.00	229.37	279.40	-89.721	1,490.68	11,677.18	1,450.02	941.29	508.74	2.850	
20,176.24	9,360.00	22,771.47	9,360.00	230.33	280.35	-89.721	1,490.82	11,723.41	1,450.02	939.37	510.65	2.840 CC	
20,181.28	9,360.00	22,771.47	9,360.00	230.43	280.35	-89.721	1,490.82	11,723.41	1,450.03	939.28	510.75	2.839 ES, SF	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond North Pad - Phase 2 - (03) Bond 32-34 FED COM #103H - #103H - Plan 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IFR1												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Offset Wellbore Centre		Distance			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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
7,100.00	7,018.38	10,825.42	8,418.00	19.87	57.33	-94.704	1,528.65	729.60	2,063.13	2,000.30	62.83	32.836	
7,200.00	7,118.05	10,833.51	8,418.00	20.25	57.48	-92.646	1,528.68	737.69	1,997.08	1,933.02	64.06	31.177	
7,300.00	7,217.94	10,838.12	8,418.00	20.58	57.57	-90.838	1,528.69	742.30	1,933.79	1,868.57	65.23	29.648	
7,400.00	7,317.93	10,839.30	8,418.00	20.72	57.59	-0.168	1,528.69	743.48	1,873.67	1,807.35	66.31	28.255	
7,500.00	7,417.93	10,839.30	8,418.00	20.78	57.59	-0.168	1,528.69	743.48	1,817.05	1,749.68	67.38	26.969	
7,600.00	7,517.93	10,839.30	8,418.00	20.82	57.59	-0.168	1,528.69	743.48	1,764.30	1,695.91	68.39	25.798	
7,700.00	7,617.93	10,839.30	8,418.00	20.87	57.59	-0.168	1,528.69	743.48	1,715.75	1,646.42	69.34	24.744	
7,800.00	7,717.93	10,839.30	8,418.00	20.92	57.59	-0.168	1,528.69	743.48	1,671.79	1,601.58	70.21	23.813	
7,900.00	7,817.93	10,839.30	8,418.00	20.97	57.59	-0.168	1,528.69	743.48	1,632.77	1,561.81	70.96	23.009	
8,000.00	7,917.93	10,839.30	8,418.00	21.01	57.59	-0.168	1,528.69	743.48	1,599.06	1,527.47	71.59	22.337	
8,100.00	8,017.93	10,839.30	8,418.00	21.06	57.59	-0.168	1,528.69	743.48	1,571.01	1,498.95	72.06	21.802	
8,200.00	8,117.93	10,839.30	8,418.00	21.11	57.59	-0.168	1,528.69	743.48	1,548.91	1,476.56	72.35	21.408	
8,300.00	8,217.93	10,839.30	8,418.00	21.16	57.59	-0.168	1,528.69	743.48	1,533.03	1,460.58	72.45	21.159	
8,400.00	8,317.93	10,839.30	8,418.00	21.21	57.59	-0.168	1,528.69	743.48	1,523.57	1,451.21	72.35	21.057	
8,494.68	8,412.61	10,839.30	8,418.00	21.25	57.59	-0.168	1,528.69	743.48	1,520.62	1,448.55	72.08	21.097 CC	
8,500.00	8,417.93	10,839.30	8,418.00	21.26	57.59	-0.168	1,528.69	743.48	1,520.63	1,448.58	72.06	21.104	
8,600.00	8,517.93	10,839.30	8,418.00	21.31	57.59	-0.168	1,528.69	743.48	1,524.26	1,452.70	71.56	21.299	
8,700.00	8,617.93	10,839.30	8,418.00	21.35	57.59	-0.168	1,528.69	743.48	1,534.42	1,463.53	70.89	21.644	
8,800.00	8,717.93	10,839.30	8,418.00	21.40	57.59	-0.168	1,528.69	743.48	1,550.97	1,480.90	70.07	22.134	
8,900.00	8,817.91	10,840.13	8,418.00	21.48	57.61	-89.174	1,528.70	744.31	1,573.71	1,504.58	69.13	22.763	
9,000.00	8,916.79	10,854.18	8,418.00	21.94	57.87	-85.703	1,528.74	758.36	1,602.03	1,533.64	68.39	23.426	
9,100.00	9,011.73	10,885.19	8,418.00	22.47	58.46	-81.214	1,528.83	789.37	1,634.39	1,566.37	68.02	24.029	
9,200.00	9,099.84	10,932.21	8,418.00	23.01	59.35	-76.138	1,528.97	836.39	1,668.70	1,600.63	68.07	24.516	
9,300.00	9,178.45	10,993.82	8,418.00	23.52	60.52	-71.012	1,529.15	898.00	1,702.58	1,634.01	68.57	24.830	
9,400.00	9,245.16	11,068.15	8,418.00	23.97	61.94	-66.356	1,529.36	972.33	1,733.61	1,664.06	69.55	24.927	
9,500.00	9,297.95	11,152.93	8,418.00	24.35	63.57	-62.561	1,529.61	1,057.11	1,759.56	1,688.56	71.01	24.780	
9,600.00	9,335.22	11,245.58	8,418.00	24.62	65.35	-59.864	1,529.88	1,149.76	1,778.60	1,705.67	72.94	24.385	
9,700.00	9,355.84	11,343.31	8,418.00	24.78	67.24	-58.375	1,530.17	1,247.49	1,789.38	1,714.07	75.31	23.759	
9,722.08	9,358.20	11,365.25	8,418.00	24.79	67.67	-58.238	1,530.23	1,269.43	1,790.63	1,714.74	75.89	23.595	
9,800.00	9,360.00	11,443.14	8,418.00	24.83	69.18	-58.075	1,530.46	1,347.32	1,791.57	1,713.52	78.05	22.954	
9,900.00	9,360.00	11,543.14	8,418.00	24.86	71.13	-58.075	1,530.75	1,447.32	1,791.57	1,710.62	80.95	22.133	
9,929.37	9,360.00	11,572.51	8,418.00	24.87	71.70	-58.075	1,530.84	1,476.69	1,791.57	1,709.75	81.82	21.897	
10,000.00	9,360.00	11,643.14	8,418.00	24.94	73.09	-58.075	1,531.05	1,547.32	1,791.56	1,707.64	83.93	21.347	
10,029.37	9,360.00	11,672.51	8,418.00	25.13	73.66	-58.075	1,531.13	1,576.69	1,791.56	1,706.74	84.82	21.122	
10,100.00	9,360.00	11,743.14	8,418.00	26.19	75.05	-58.075	1,531.34	1,647.32	1,791.56	1,704.58	86.98	20.598	
10,129.37	9,360.00	11,772.51	8,418.00	26.69	75.63	-58.075	1,531.42	1,676.69	1,791.56	1,703.67	87.89	20.384	
10,200.00	9,360.00	11,843.14	8,418.00	27.89	77.02	-58.075	1,531.63	1,747.32	1,791.55	1,701.46	90.09	19.886	
10,229.37	9,360.00	11,872.51	8,418.00	28.40	77.60	-58.075	1,531.72	1,776.69	1,791.55	1,700.53	91.02	19.683	
10,300.00	9,360.00	11,943.14	8,418.00	29.64	78.99	-58.075	1,531.92	1,847.32	1,791.55	1,698.29	93.26	19.211	
10,329.37	9,360.00	11,972.51	8,418.00	30.16	79.57	-58.075	1,532.01	1,876.69	1,791.55	1,697.35	94.20	19.019	
10,400.00	9,360.00	12,043.14	8,418.00	31.43	80.97	-58.075	1,532.22	1,947.32	1,791.54	1,695.08	96.47	18.572	
10,429.37	9,360.00	12,072.51	8,418.00	31.96	81.55	-58.075	1,532.30	1,976.68	1,791.54	1,694.12	97.42	18.390	
10,500.00	9,360.00	12,143.14	8,418.00	33.25	82.95	-58.075	1,532.51	2,047.31	1,791.54	1,691.82	99.72	17.967	
10,529.37	9,360.00	12,172.51	8,418.00	33.79	83.53	-58.075	1,532.59	2,076.68	1,791.54	1,690.86	100.68	17.795	
10,600.00	9,360.00	12,243.14	8,418.00	35.10	84.93	-58.075	1,532.80	2,147.31	1,791.53	1,688.54	103.00	17.394	
10,629.37	9,360.00	12,272.51	8,418.00	35.65	85.52	-58.075	1,532.89	2,176.68	1,791.53	1,687.56	103.97	17.231	
10,700.00	9,360.00	12,343.14	8,418.00	36.98	86.93	-58.074	1,533.09	2,247.31	1,791.53	1,685.22	106.31	16.852	
10,729.37	9,360.00	12,372.51	8,418.00	37.53	87.51	-58.074	1,533.18	2,276.68	1,791.53	1,684.24	107.29	16.698	
10,800.00	9,360.00	12,443.14	8,418.00	38.87	88.92	-58.074	1,533.39	2,347.31	1,791.52	1,681.88	109.65	16.339	
10,829.37	9,360.00	12,472.51	8,418.00	39.43	89.51	-58.074	1,533.47	2,376.68	1,791.52	1,680.89	110.63	16.193	
10,900.00	9,360.00	12,543.14	8,418.00	40.78	90.92	-58.074	1,533.68	2,447.31	1,791.52	1,678.51	113.01	15.853	
10,929.37	9,360.00	12,572.51	8,418.00	41.35	91.50	-58.074	1,533.76	2,476.68	1,791.52	1,677.52	114.00	15.715	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond North Pad - Phase 2 - (03) Bond 32-34 FED COM #103H - #103H - Plan 1													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis			Offset Wellbore Centre		Distance			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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		
11,000.00	9,360.00	12,643.14	8,418.00	42.71	92.92	-58.074	1,533.97	2,547.31	1,791.51	1,675.13	116.39	15.393	
11,029.37	9,360.00	12,672.51	8,418.00	43.28	93.50	-58.074	1,534.06	2,576.68	1,791.51	1,674.13	117.38	15.262	
11,100.00	9,360.00	12,743.14	8,418.00	44.65	94.92	-58.074	1,534.26	2,647.31	1,791.51	1,671.73	119.78	14.956	
11,129.37	9,360.00	12,772.51	8,418.00	45.22	95.51	-58.074	1,534.35	2,676.68	1,791.51	1,670.72	120.79	14.832	
11,200.00	9,360.00	12,843.14	8,418.00	46.60	96.93	-58.074	1,534.56	2,747.31	1,791.51	1,668.31	123.20	14.542	
11,229.37	9,360.00	12,872.51	8,418.00	47.17	97.52	-58.074	1,534.64	2,776.68	1,791.50	1,667.30	124.20	14.424	
11,300.00	9,360.00	12,943.14	8,418.00	48.56	98.94	-58.074	1,534.85	2,847.31	1,791.50	1,664.88	126.62	14.148	
11,329.37	9,360.00	12,972.51	8,418.00	49.14	99.53	-58.074	1,534.93	2,876.68	1,791.50	1,663.87	127.63	14.036	
11,400.00	9,360.00	13,043.14	8,418.00	50.53	100.95	-58.074	1,535.14	2,947.31	1,791.50	1,661.43	130.06	13.774	
11,429.37	9,360.00	13,072.51	8,418.00	51.11	101.54	-58.074	1,535.23	2,976.68	1,791.49	1,660.42	131.08	13.668	
11,500.00	9,360.00	13,143.14	8,418.00	52.50	102.96	-58.074	1,535.43	3,047.31	1,791.49	1,657.98	133.51	13.418	
11,529.37	9,360.00	13,172.51	8,418.00	53.09	103.55	-58.074	1,535.52	3,076.68	1,791.49	1,656.96	134.53	13.317	
11,600.00	9,360.00	13,243.14	8,418.00	54.49	104.98	-58.074	1,535.72	3,147.31	1,791.49	1,654.51	136.97	13.079	
11,629.37	9,360.00	13,272.51	8,418.00	55.07	105.57	-58.074	1,535.81	3,176.68	1,791.48	1,653.49	137.99	12.982	
11,700.00	9,360.00	13,343.14	8,418.00	56.48	106.99	-58.074	1,536.02	3,247.31	1,791.48	1,651.04	140.45	12.756	
11,729.37	9,360.00	13,372.51	8,418.00	57.06	107.59	-58.073	1,536.10	3,276.68	1,791.48	1,650.01	141.47	12.664	
11,800.00	9,360.00	13,443.14	8,418.00	58.47	109.01	-58.073	1,536.31	3,347.31	1,791.48	1,647.55	143.92	12.447	
11,829.37	9,360.00	13,472.51	8,418.00	59.06	109.61	-58.073	1,536.40	3,376.68	1,791.47	1,646.53	144.95	12.359	
11,900.00	9,360.00	13,543.14	8,418.00	60.47	111.04	-58.073	1,536.60	3,447.31	1,791.47	1,644.06	147.41	12.153	
11,929.37	9,360.00	13,572.51	8,418.00	61.06	111.63	-58.073	1,536.69	3,476.68	1,791.47	1,643.03	148.44	12.069	
12,000.00	9,360.00	13,643.14	8,418.00	62.48	113.06	-58.073	1,536.89	3,547.31	1,791.47	1,640.56	150.90	11.872	
12,029.37	9,360.00	13,672.51	8,418.00	63.07	113.65	-58.073	1,536.98	3,576.68	1,791.46	1,639.53	151.93	11.791	
12,100.00	9,360.00	13,743.14	8,418.00	64.49	115.08	-58.073	1,537.19	3,647.31	1,791.46	1,637.06	154.40	11.602	
12,129.37	9,360.00	13,772.51	8,418.00	65.08	115.68	-58.073	1,537.27	3,676.68	1,791.46	1,636.03	155.43	11.526	
12,200.00	9,360.00	13,843.14	8,418.00	66.50	117.11	-58.073	1,537.48	3,747.31	1,791.46	1,633.55	157.91	11.345	
12,229.37	9,360.00	13,872.51	8,418.00	67.09	117.71	-58.073	1,537.57	3,776.68	1,791.46	1,632.51	158.94	11.271	
12,300.00	9,360.00	13,943.14	8,418.00	68.52	119.14	-58.073	1,537.77	3,847.31	1,791.45	1,630.03	161.42	11.098	
12,329.37	9,360.00	13,972.51	8,418.00	69.11	119.73	-58.073	1,537.86	3,876.68	1,791.45	1,629.00	162.45	11.027	
12,400.00	9,360.00	14,043.14	8,418.00	70.54	121.17	-58.073	1,538.06	3,947.31	1,791.45	1,626.51	164.94	10.861	
12,429.37	9,360.00	14,072.51	8,418.00	71.13	121.76	-58.073	1,538.15	3,976.68	1,791.45	1,625.47	165.97	10.794	
12,500.00	9,360.00	14,143.14	8,418.00	72.56	123.20	-58.073	1,538.36	4,047.31	1,791.44	1,622.98	168.46	10.634	
12,529.37	9,360.00	14,172.51	8,418.00	73.15	123.80	-58.073	1,538.44	4,076.68	1,791.44	1,621.95	169.49	10.569	
12,600.00	9,360.00	14,243.14	8,418.00	74.58	125.23	-58.073	1,538.65	4,147.31	1,791.44	1,619.45	171.98	10.416	
12,629.37	9,360.00	14,272.51	8,418.00	75.18	125.83	-58.073	1,538.74	4,176.68	1,791.44	1,618.41	173.02	10.354	
12,700.00	9,360.00	14,343.14	8,418.00	76.61	127.26	-58.073	1,538.94	4,247.31	1,791.43	1,615.92	175.51	10.207	
12,729.37	9,360.00	14,372.51	8,418.00	77.21	127.86	-58.073	1,539.03	4,276.68	1,791.43	1,614.88	176.55	10.147	
12,800.00	9,360.00	14,443.14	8,418.00	78.64	129.30	-58.072	1,539.23	4,347.30	1,791.43	1,612.38	179.05	10.005	
12,829.37	9,360.00	14,472.51	8,418.00	79.24	129.90	-58.072	1,539.32	4,376.67	1,791.43	1,611.34	180.09	9.948	
12,900.00	9,360.00	14,543.14	8,418.00	80.67	131.33	-58.072	1,539.53	4,447.30	1,791.42	1,608.84	182.59	9.811	
12,929.37	9,360.00	14,572.51	8,418.00	81.27	131.93	-58.072	1,539.61	4,476.67	1,791.42	1,607.80	183.62	9.756	
13,000.00	9,360.00	14,643.14	8,418.00	82.71	133.37	-58.072	1,539.82	4,547.30	1,791.42	1,605.29	186.13	9.625	
13,029.37	9,360.00	14,672.51	8,418.00	83.30	133.97	-58.072	1,539.91	4,576.67	1,791.42	1,604.25	187.17	9.571	
13,100.00	9,360.00	14,743.14	8,418.00	84.74	135.41	-58.072	1,540.11	4,647.30	1,791.41	1,601.74	189.67	9.445	
13,129.37	9,360.00	14,772.51	8,418.00	85.34	136.01	-58.072	1,540.20	4,676.67	1,791.41	1,600.70	190.71	9.393	
13,200.00	9,360.00	14,843.14	8,418.00	86.78	137.45	-58.072	1,540.40	4,747.30	1,791.41	1,598.19	193.22	9.272	
13,229.37	9,360.00	14,872.51	8,418.00	87.38	138.05	-58.072	1,540.49	4,776.67	1,791.41	1,597.15	194.26	9.222	
13,300.00	9,360.00	14,943.14	8,418.00	88.82	139.49	-58.072	1,540.70	4,847.30	1,791.40	1,594.64	196.76	9.104	
13,329.37	9,360.00	14,972.51	8,418.00	89.41	140.09	-58.072	1,540.78	4,876.67	1,791.40	1,593.59	197.81	9.056	
13,400.00	9,360.00	15,043.14	8,418.00	90.86	141.53	-58.072	1,540.99	4,947.30	1,791.40	1,591.08	200.32	8.943	
13,429.37	9,360.00	15,072.51	8,418.00	91.45	142.13	-58.072	1,541.08	4,976.67	1,791.40	1,590.04	201.36	8.897	
13,500.00	9,360.00	15,143.14	8,418.00	92.90	143.57	-58.072	1,541.28	5,047.30	1,791.39	1,587.52	203.87	8.787	
13,529.37	9,360.00	15,172.51	8,418.00	93.50	144.17	-58.072	1,541.37	5,076.67	1,791.39	1,586.48	204.91	8.742	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond North Pad - Phase 2 - (03) Bond 32-34 FED COM #103H - #103H - Plan 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IFR1												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Offset Wellbore Centre		Distance			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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,600.00	9,360.00	15,243.14	8,418.00	94.94	145.61	-58.072	1,541.57	5,147.30	1,791.39	1,583.96	207.43	8.636	
13,629.37	9,360.00	15,272.51	8,418.00	95.54	146.21	-58.072	1,541.66	5,176.67	1,791.39	1,582.92	208.47	8.593	
13,700.00	9,360.00	15,343.14	8,418.00	96.98	147.65	-58.072	1,541.87	5,247.30	1,791.38	1,580.40	210.98	8.491	
13,729.37	9,360.00	15,372.51	8,418.00	97.58	148.25	-58.072	1,541.95	5,276.67	1,791.38	1,579.35	212.03	8.449	
13,800.00	9,360.00	15,443.14	8,418.00	99.03	149.70	-58.071	1,542.16	5,347.30	1,791.38	1,576.83	214.55	8.350	
13,829.37	9,360.00	15,472.51	8,418.00	99.63	150.30	-58.071	1,542.25	5,376.67	1,791.38	1,575.79	215.59	8.309	
13,900.00	9,360.00	15,543.14	8,418.00	101.07	151.74	-58.071	1,542.45	5,447.30	1,791.37	1,573.27	218.11	8.213	
13,929.37	9,360.00	15,572.51	8,418.00	101.67	152.34	-58.071	1,542.54	5,476.67	1,791.37	1,572.22	219.15	8.174	
14,000.00	9,360.00	15,643.14	8,418.00	103.12	153.79	-58.071	1,542.74	5,547.30	1,791.37	1,569.70	221.67	8.081	
14,029.37	9,360.00	15,672.51	8,418.00	103.72	154.39	-58.071	1,542.83	5,576.67	1,791.37	1,568.65	222.72	8.043	
14,100.00	9,360.00	15,743.14	8,418.00	105.17	155.83	-58.071	1,543.04	5,647.30	1,791.36	1,566.13	225.24	7.953	
14,129.37	9,360.00	15,772.51	8,418.00	105.77	156.43	-58.071	1,543.12	5,676.67	1,791.36	1,565.08	226.29	7.916	
14,200.00	9,360.00	15,843.14	8,418.00	107.21	157.88	-58.071	1,543.33	5,747.30	1,791.36	1,562.55	228.81	7.829	
14,229.37	9,360.00	15,872.51	8,418.00	107.82	158.48	-58.071	1,543.42	5,776.67	1,791.36	1,561.50	229.85	7.793	
14,300.00	9,360.00	15,943.14	8,418.00	109.26	159.93	-58.071	1,543.62	5,847.30	1,791.35	1,558.98	232.38	7.709	
14,329.37	9,360.00	15,972.51	8,418.00	109.87	160.53	-58.071	1,543.71	5,876.67	1,791.35	1,557.93	233.42	7.674	
14,400.00	9,360.00	16,043.14	8,418.00	111.31	161.97	-58.071	1,543.91	5,947.30	1,791.35	1,555.40	235.95	7.592	
14,429.37	9,360.00	16,072.51	8,418.00	111.92	162.57	-58.071	1,544.00	5,976.67	1,791.35	1,554.35	236.99	7.559	
14,500.00	9,360.00	16,143.14	8,418.00	113.36	164.02	-58.071	1,544.21	6,047.30	1,791.34	1,551.83	239.52	7.479	
14,529.37	9,360.00	16,172.51	8,418.00	113.97	164.62	-58.071	1,544.29	6,076.67	1,791.34	1,550.78	240.57	7.446	
14,600.00	9,360.00	16,243.14	8,418.00	115.42	166.07	-58.071	1,544.50	6,147.30	1,791.34	1,548.25	243.09	7.369	
14,629.37	9,360.00	16,272.51	8,418.00	116.02	166.67	-58.071	1,544.59	6,176.67	1,791.34	1,547.20	244.14	7.337	
14,700.00	9,360.00	16,343.14	8,418.00	117.47	168.12	-58.071	1,544.79	6,247.30	1,791.33	1,544.67	246.67	7.262	
14,729.37	9,360.00	16,372.51	8,418.00	118.07	168.72	-58.071	1,544.88	6,276.67	1,791.33	1,543.62	247.72	7.231	
14,800.00	9,360.00	16,443.14	8,418.00	119.52	170.17	-58.071	1,545.08	6,347.30	1,791.33	1,541.09	250.24	7.158	
14,829.37	9,360.00	16,472.51	8,418.00	120.12	170.77	-58.070	1,545.17	6,376.67	1,791.33	1,540.04	251.29	7.128	
14,900.00	9,360.00	16,543.14	8,418.00	121.57	172.22	-58.070	1,545.38	6,447.30	1,791.33	1,537.51	253.82	7.057	
14,929.37	9,360.00	16,572.51	8,418.00	122.18	172.82	-58.070	1,545.46	6,476.67	1,791.32	1,536.45	254.87	7.028	
15,000.00	9,360.00	16,643.14	8,418.00	123.63	174.27	-58.070	1,545.67	6,547.30	1,791.32	1,533.92	257.40	6.959	
15,029.37	9,360.00	16,672.51	8,418.00	124.23	174.87	-58.070	1,545.76	6,576.67	1,791.32	1,532.87	258.45	6.931	
15,100.00	9,360.00	16,743.14	8,418.00	125.68	176.32	-58.070	1,545.96	6,647.30	1,791.32	1,530.34	260.98	6.864	
15,129.37	9,360.00	16,772.51	8,418.00	126.28	176.92	-58.070	1,546.05	6,676.66	1,791.31	1,529.29	262.03	6.836	
15,200.00	9,360.00	16,843.14	8,418.00	127.74	178.37	-58.070	1,546.25	6,747.29	1,791.31	1,526.75	264.56	6.771	
15,229.37	9,360.00	16,872.51	8,418.00	128.34	178.97	-58.070	1,546.34	6,776.66	1,791.31	1,525.70	265.61	6.744	
15,300.00	9,360.00	16,943.14	8,418.00	129.79	180.42	-58.070	1,546.55	6,847.29	1,791.31	1,523.17	268.14	6.681	
15,329.37	9,360.00	16,972.51	8,418.00	130.39	181.03	-58.070	1,546.63	6,876.66	1,791.30	1,522.11	269.19	6.654	
15,400.00	9,360.00	17,043.14	8,418.00	131.85	182.48	-58.070	1,546.84	6,947.29	1,791.30	1,519.58	271.72	6.592	
15,429.37	9,360.00	17,072.51	8,418.00	132.45	183.08	-58.070	1,546.93	6,976.66	1,791.30	1,518.53	272.77	6.567	
15,500.00	9,360.00	17,143.14	8,418.00	133.90	184.53	-58.070	1,547.13	7,047.29	1,791.30	1,515.99	275.30	6.507	
15,529.37	9,360.00	17,172.51	8,418.00	134.51	185.13	-58.070	1,547.22	7,076.66	1,791.29	1,514.94	276.36	6.482	
15,600.00	9,360.00	17,243.14	8,418.00	135.96	186.58	-58.070	1,547.42	7,147.29	1,791.29	1,512.40	278.89	6.423	
15,629.37	9,360.00	17,272.51	8,418.00	136.56	187.19	-58.070	1,547.51	7,176.66	1,791.29	1,511.35	279.94	6.399	
15,700.00	9,360.00	17,343.14	8,418.00	138.02	188.64	-58.070	1,547.72	7,247.29	1,791.29	1,508.81	282.47	6.341	
15,729.37	9,360.00	17,372.51	8,418.00	138.62	189.24	-58.070	1,547.80	7,276.66	1,791.28	1,507.76	283.53	6.318	
15,800.00	9,360.00	17,443.14	8,418.00	140.07	190.69	-58.070	1,548.01	7,347.29	1,791.28	1,505.22	286.06	6.262	
15,829.37	9,360.00	17,472.51	8,418.00	140.68	191.29	-58.070	1,548.10	7,376.66	1,791.28	1,504.17	287.11	6.239	
15,900.00	9,360.00	17,543.14	8,418.00	142.13	192.74	-58.069	1,548.30	7,447.29	1,791.28	1,501.63	289.64	6.184	
15,929.37	9,360.00	17,572.51	8,418.00	142.74	193.35	-58.069	1,548.39	7,476.66	1,791.28	1,500.58	290.70	6.162	
16,000.00	9,360.00	17,643.14	8,418.00	144.19	194.80	-58.069	1,548.59	7,547.29	1,791.27	1,498.04	293.23	6.109	
16,029.37	9,360.00	17,672.51	8,418.00	144.79	195.40	-58.069	1,548.68	7,576.66	1,791.27	1,496.99	294.28	6.087	
16,100.00	9,360.00	17,743.14	8,418.00	146.25	196.85	-58.069	1,548.89	7,647.29	1,791.27	1,494.45	296.82	6.035	
16,129.37	9,360.00	17,772.51	8,418.00	146.85	197.46	-58.069	1,548.97	7,676.66	1,791.27	1,493.39	297.87	6.014	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond North Pad - Phase 2 - (03) Bond 32-34 FED COM #103H - #103H - Plan 1													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis			Offset Wellbore Centre		Distance			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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		
16,200.00	9,360.00	17,843.14	8,418.00	148.31	198.91	-58.069	1,549.18	7,747.29	1,791.26	1,490.85	300.41	5.963	
16,229.37	9,360.00	17,872.51	8,418.00	148.91	199.51	-58.069	1,549.26	7,776.66	1,791.26	1,489.80	301.46	5.942	
16,300.00	9,360.00	17,943.14	8,418.00	150.37	200.96	-58.069	1,549.47	7,847.29	1,791.26	1,487.26	304.00	5.892	
16,329.37	9,360.00	17,972.51	8,418.00	150.97	201.57	-58.069	1,549.56	7,876.66	1,791.26	1,486.21	305.05	5.872	
16,400.00	9,360.00	18,043.14	8,418.00	152.42	203.02	-58.069	1,549.76	7,947.29	1,791.25	1,483.67	307.59	5.824	
16,429.37	9,360.00	18,072.51	8,418.00	153.03	203.62	-58.069	1,549.85	7,976.66	1,791.25	1,482.61	308.64	5.804	
16,500.00	9,360.00	18,143.14	8,418.00	154.48	205.08	-58.069	1,550.06	8,047.29	1,791.25	1,480.07	311.18	5.756	
16,529.37	9,360.00	18,172.51	8,418.00	155.09	205.68	-58.069	1,550.14	8,076.66	1,791.25	1,479.01	312.23	5.737	
16,600.00	9,360.00	18,243.14	8,418.00	156.54	207.13	-58.069	1,550.35	8,147.29	1,791.24	1,476.48	314.77	5.691	
16,629.37	9,360.00	18,272.51	8,418.00	157.15	207.74	-58.069	1,550.43	8,176.66	1,791.24	1,475.42	315.82	5.672	
16,700.00	9,360.00	18,343.14	8,418.00	158.60	209.19	-58.069	1,550.64	8,247.29	1,791.24	1,472.88	318.36	5.626	
16,729.37	9,360.00	18,372.51	8,418.00	159.21	209.79	-58.069	1,550.73	8,276.66	1,791.24	1,471.82	319.41	5.608	
16,800.00	9,360.00	18,443.14	8,418.00	160.66	211.25	-58.069	1,550.93	8,347.29	1,791.23	1,469.28	321.95	5.564	
16,829.37	9,360.00	18,472.51	8,418.00	161.27	211.85	-58.069	1,551.02	8,376.66	1,791.23	1,468.23	323.01	5.546	
16,900.00	9,360.00	18,543.14	8,418.00	162.73	213.30	-58.068	1,551.23	8,447.29	1,791.23	1,465.68	325.54	5.502	
16,929.37	9,360.00	18,572.51	8,418.00	163.33	213.91	-58.068	1,551.31	8,476.66	1,791.23	1,464.63	326.60	5.484	
17,000.00	9,360.00	18,643.14	8,418.00	164.79	215.36	-58.068	1,551.52	8,547.29	1,791.22	1,462.09	329.14	5.442	
17,029.37	9,360.00	18,672.51	8,418.00	165.39	215.96	-58.068	1,551.60	8,576.66	1,791.22	1,461.03	330.19	5.425	
17,100.00	9,360.00	18,743.14	8,418.00	166.85	217.42	-58.068	1,551.81	8,647.29	1,791.22	1,458.49	332.73	5.383	
17,129.37	9,360.00	18,772.51	8,418.00	167.45	218.02	-58.068	1,551.90	8,676.66	1,791.22	1,457.43	333.79	5.366	
17,200.00	9,360.00	18,843.14	8,418.00	168.91	219.47	-58.068	1,552.10	8,747.29	1,791.21	1,454.89	336.32	5.326	
17,229.37	9,360.00	18,872.51	8,418.00	169.51	220.08	-58.068	1,552.19	8,776.66	1,791.21	1,453.83	337.38	5.309	
17,300.00	9,360.00	18,943.14	8,418.00	170.97	221.53	-58.068	1,552.40	8,847.29	1,791.21	1,451.29	339.92	5.270	
17,329.37	9,360.00	18,972.51	8,418.00	171.58	222.14	-58.068	1,552.48	8,876.66	1,791.21	1,450.23	340.97	5.253	
17,400.00	9,360.00	19,043.14	8,418.00	173.03	223.59	-58.068	1,552.69	8,947.29	1,791.20	1,447.69	343.51	5.214	
17,429.37	9,360.00	19,072.51	8,418.00	173.64	224.20	-58.068	1,552.77	8,976.66	1,791.20	1,446.63	344.57	5.198	
17,500.00	9,360.00	19,143.14	8,418.00	175.09	225.65	-58.068	1,552.98	9,047.28	1,791.20	1,444.09	347.11	5.160	
17,529.37	9,360.00	19,172.51	8,418.00	175.70	226.25	-58.068	1,553.07	9,076.65	1,791.20	1,443.03	348.16	5.145	
17,600.00	9,360.00	19,243.14	8,418.00	177.16	227.71	-58.068	1,553.27	9,147.28	1,791.19	1,440.49	350.70	5.107	
17,629.37	9,360.00	19,272.51	8,418.00	177.76	228.31	-58.068	1,553.36	9,176.65	1,791.19	1,439.43	351.76	5.092	
17,700.00	9,360.00	19,343.14	8,418.00	179.22	229.77	-58.068	1,553.57	9,247.28	1,791.19	1,436.89	354.30	5.056	
17,729.37	9,360.00	19,372.51	8,418.00	179.82	230.37	-58.068	1,553.65	9,276.65	1,791.19	1,435.83	355.36	5.041	
17,800.00	9,360.00	19,443.14	8,418.00	181.28	231.83	-58.068	1,553.86	9,347.28	1,791.18	1,433.29	357.90	5.005	
17,829.37	9,360.00	19,472.51	8,418.00	181.89	232.43	-58.068	1,553.94	9,376.65	1,791.18	1,432.23	358.95	4.990	
17,900.00	9,360.00	19,543.14	8,418.00	183.34	233.89	-58.068	1,554.15	9,447.28	1,791.18	1,429.69	361.49	4.955	
17,929.37	9,360.00	19,572.51	8,418.00	183.95	234.49	-58.067	1,554.24	9,476.65	1,791.18	1,428.63	362.55	4.940	
18,000.00	9,360.00	19,643.14	8,418.00	185.41	235.94	-58.067	1,554.44	9,547.28	1,791.17	1,426.08	365.09	4.906	
18,029.37	9,360.00	19,672.51	8,418.00	186.01	236.55	-58.067	1,554.53	9,576.65	1,791.17	1,425.03	366.15	4.892	
18,100.00	9,360.00	19,743.14	8,418.00	187.47	238.00	-58.067	1,554.74	9,647.28	1,791.17	1,422.48	368.69	4.858	
18,129.37	9,360.00	19,772.51	8,418.00	188.07	238.61	-58.067	1,554.82	9,676.65	1,791.17	1,421.42	369.75	4.844	
18,200.00	9,360.00	19,843.14	8,418.00	189.53	240.06	-58.067	1,555.03	9,747.28	1,791.16	1,418.88	372.29	4.811	
18,229.37	9,360.00	19,872.51	8,418.00	190.14	240.67	-58.067	1,555.11	9,776.65	1,791.16	1,417.82	373.34	4.798	
18,300.00	9,360.00	19,943.14	8,418.00	191.59	242.12	-58.067	1,555.32	9,847.28	1,791.16	1,415.27	375.89	4.765	
18,329.37	9,360.00	19,972.51	8,418.00	192.20	242.73	-58.067	1,555.41	9,876.65	1,791.16	1,414.22	376.94	4.752	
18,400.00	9,360.00	20,043.14	8,418.00	193.66	244.18	-58.067	1,555.61	9,947.28	1,791.16	1,411.67	379.48	4.720	
18,429.37	9,360.00	20,072.51	8,418.00	194.26	244.79	-58.067	1,555.70	9,976.65	1,791.15	1,410.61	380.54	4.707	
18,500.00	9,360.00	20,143.14	8,418.00	195.72	246.24	-58.067	1,555.91	10,047.28	1,791.15	1,408.07	383.08	4.676	
18,529.37	9,360.00	20,172.51	8,418.00	196.33	246.85	-58.067	1,555.99	10,076.65	1,791.15	1,407.01	384.14	4.663	
18,600.00	9,360.00	20,243.14	8,418.00	197.78	248.31	-58.067	1,556.20	10,147.28	1,791.15	1,404.46	386.68	4.632	
18,629.37	9,360.00	20,272.51	8,418.00	198.39	248.91	-58.067	1,556.28	10,176.65	1,791.14	1,403.40	387.74	4.619	
18,700.00	9,360.00	20,343.14	8,418.00	199.85	250.37	-58.067	1,556.49	10,247.28	1,791.14	1,400.86	390.28	4.589	
18,729.37	9,360.00	20,372.51	8,418.00	200.45	250.97	-58.067	1,556.58	10,276.65	1,791.14	1,399.80	391.34	4.577	

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



Dixon Directional Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond North Pad - Phase 2 - (03) Bond 32-34 FED COM #103H - #103H - Plan 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IFR1												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		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 Centres (usft)	Between Ellipses (usft)			
18,800.00	9,360.00	20,443.14	8,418.00	201.91	252.43	-58.067	1,556.78	10,347.28	1,791.14	1,397.25	393.88	4.547	
18,829.37	9,360.00	20,472.51	8,418.00	202.52	253.03	-58.067	1,556.87	10,376.65	1,791.13	1,396.20	394.94	4.535	
18,900.00	9,360.00	20,543.14	8,418.00	203.98	254.49	-58.067	1,557.08	10,447.28	1,791.13	1,393.65	397.48	4.506	
18,929.37	9,360.00	20,572.51	8,418.00	204.58	255.09	-58.067	1,557.16	10,476.65	1,791.13	1,392.59	398.54	4.494	
19,000.00	9,360.00	20,643.14	8,418.00	206.04	256.55	-58.066	1,557.37	10,547.28	1,791.13	1,390.04	401.08	4.466	
19,029.37	9,360.00	20,672.51	8,418.00	206.65	257.15	-58.066	1,557.45	10,576.65	1,791.12	1,388.99	402.14	4.454	
19,100.00	9,360.00	20,743.14	8,418.00	208.10	258.61	-58.066	1,557.66	10,647.28	1,791.12	1,386.44	404.68	4.426	
19,129.37	9,360.00	20,772.51	8,418.00	208.71	259.22	-58.066	1,557.75	10,676.65	1,791.12	1,385.38	405.74	4.414	
19,200.00	9,360.00	20,843.14	8,418.00	210.17	260.67	-58.066	1,557.95	10,747.28	1,791.12	1,382.83	408.28	4.387	
19,229.37	9,360.00	20,872.51	8,418.00	210.77	261.28	-58.066	1,558.04	10,776.65	1,791.11	1,381.77	409.34	4.376	
19,300.00	9,360.00	20,943.14	8,418.00	212.23	262.73	-58.066	1,558.25	10,847.28	1,791.11	1,379.23	411.88	4.349	
19,329.37	9,360.00	20,972.51	8,418.00	212.84	263.34	-58.066	1,558.33	10,876.65	1,791.11	1,378.17	412.94	4.337	
19,400.00	9,360.00	21,043.14	8,418.00	214.30	264.79	-58.066	1,558.54	10,947.28	1,791.11	1,375.62	415.49	4.311	
19,429.37	9,360.00	21,072.51	8,418.00	214.90	265.40	-58.066	1,558.62	10,976.65	1,791.11	1,374.56	416.54	4.300	
19,500.00	9,360.00	21,143.14	8,418.00	216.36	266.86	-58.066	1,558.83	11,047.28	1,791.10	1,372.01	419.09	4.274	
19,529.37	9,360.00	21,172.51	8,418.00	216.97	267.46	-58.066	1,558.92	11,076.65	1,791.10	1,370.95	420.15	4.263	
19,600.00	9,360.00	21,243.14	8,418.00	218.43	268.92	-58.066	1,559.12	11,147.28	1,791.10	1,368.41	422.69	4.237	
19,629.37	9,360.00	21,272.51	8,418.00	219.03	269.52	-58.066	1,559.21	11,176.65	1,791.10	1,367.35	423.75	4.227	
19,700.00	9,360.00	21,343.14	8,418.00	220.49	270.98	-58.066	1,559.42	11,247.28	1,791.09	1,364.80	426.29	4.202	
19,729.37	9,360.00	21,372.51	8,418.00	221.10	271.59	-58.066	1,559.50	11,276.65	1,791.09	1,363.74	427.35	4.191	
19,800.00	9,360.00	21,443.14	8,418.00	222.56	273.04	-58.066	1,559.71	11,347.28	1,791.09	1,361.19	429.89	4.166	
19,829.37	9,360.00	21,472.51	8,418.00	223.16	273.65	-58.066	1,559.79	11,376.64	1,791.09	1,360.13	430.95	4.156	
19,900.00	9,360.00	21,543.14	8,418.00	224.62	275.10	-58.066	1,560.00	11,447.27	1,791.08	1,357.59	433.50	4.132	
19,929.37	9,360.00	21,572.51	8,418.00	225.23	275.71	-58.066	1,560.09	11,476.64	1,791.08	1,356.53	434.55	4.122	
20,000.00	9,360.00	21,643.14	8,418.00	226.69	277.17	-58.065	1,560.29	11,547.27	1,791.08	1,353.98	437.10	4.098	
20,029.37	9,360.00	21,672.51	8,418.00	227.29	277.77	-58.065	1,560.38	11,576.64	1,791.08	1,352.92	438.16	4.088	
20,100.00	9,360.00	21,743.14	8,418.00	228.75	279.23	-58.065	1,560.59	11,647.27	1,791.07	1,350.37	440.70	4.064	
20,129.37	9,360.00	21,772.51	8,418.00	229.36	279.83	-58.065	1,560.67	11,676.64	1,791.07	1,349.31	441.76	4.054	
20,175.44	9,360.00	21,818.58	8,418.00	230.31	280.78	-58.065	1,560.81	11,722.71	1,791.07	1,347.65	443.42	4.039	
20,181.28	9,360.00	21,818.82	8,418.00	230.43	280.79	-58.065	1,560.81	11,722.95	1,791.08	1,347.56	443.51	4.038 ES, SF	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond Pad Offsets - (W02) LEAR STATE 001H - 38865 - (Gyro/MWD)													Offset Site Error:	0.00 usft
Survey Program: 100-GYRO-NS, 8838-MWD													Offset Well Error:	0.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference	Offset	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	0.00	0.00	54.061	649.12	895.45	1,106.20					
100.00	100.00	76.35	76.35	0.79	0.48	54.072	648.99	895.61	1,106.04	1,104.77	1.26	875.038		
200.00	200.00	177.97	177.97	1.45	0.92	54.103	648.56	896.06	1,106.14	1,103.78	2.36	468.013		
232.25	232.25	210.14	210.14	1.59	1.04	54.111	648.43	896.14	1,106.13	1,103.51	2.63	421.238		
300.00	300.00	273.69	273.68	1.89	1.27	54.123	648.32	896.37	1,106.26	1,103.10	3.16	350.454		
400.00	400.00	376.90	376.89	2.25	1.63	54.137	648.30	896.83	1,106.62	1,102.73	3.89	284.708		
500.00	500.00	475.57	475.56	2.57	1.98	54.150	648.15	897.02	1,106.69	1,102.14	4.55	243.224		
600.00	600.00	577.99	577.98	2.85	2.35	54.156	648.15	897.24	1,106.86	1,101.66	5.19	213.149		
646.26	646.26	624.15	624.15	2.97	2.51	54.159	648.09	897.25	1,106.83	1,101.36	5.47	202.167		
700.00	700.00	675.69	675.68	3.11	2.69	54.159	648.12	897.29	1,106.89	1,101.09	5.79	191.013		
800.00	800.00	778.92	778.91	3.35	3.05	54.147	648.39	897.27	1,107.02	1,100.63	6.40	173.031		
900.00	900.00	878.29	878.28	3.58	3.40	54.109	648.91	896.75	1,106.90	1,099.93	6.97	158.745		
1,000.00	1,000.00	978.54	978.52	3.79	3.75	54.051	649.82	896.06	1,106.88	1,099.34	7.54	146.825		
1,062.60	1,062.60	1,040.51	1,040.49	3.92	3.97	54.021	650.26	895.70	1,106.85	1,098.97	7.88	140.387		
1,100.00	1,100.00	1,077.16	1,077.14	3.99	4.09	54.003	650.55	895.51	1,106.86	1,098.78	8.09	136.832		
1,200.00	1,200.00	1,179.81	1,179.79	4.19	4.45	53.955	651.30	894.96	1,106.86	1,098.22	8.64	128.036		
1,251.45	1,251.45	1,229.37	1,229.35	4.29	4.63	53.936	651.56	894.67	1,106.78	1,097.87	8.92	124.139		
1,300.00	1,300.00	1,273.86	1,273.84	4.38	4.78	53.919	651.86	894.55	1,106.87	1,097.71	9.16	120.797		
1,400.00	1,400.00	1,372.56	1,372.53	4.56	5.13	53.888	652.65	894.61	1,107.39	1,097.70	9.69	114.269		
1,500.00	1,500.00	1,470.57	1,470.53	4.74	5.47	53.863	653.34	894.75	1,107.92	1,097.71	10.21	108.502		
1,600.00	1,600.00	1,570.84	1,570.80	4.91	5.82	53.834	654.21	894.98	1,108.62	1,097.89	10.73	103.281		
1,700.00	1,700.00	1,672.25	1,672.21	5.08	6.18	53.813	654.88	895.21	1,109.19	1,097.93	11.26	98.538		
1,800.00	1,800.00	1,770.07	1,770.03	5.24	6.52	53.782	655.69	895.30	1,109.76	1,098.00	11.76	94.350		
1,900.00	1,900.00	1,872.80	1,872.75	5.40	6.88	53.762	656.41	895.63	1,110.43	1,098.15	12.28	90.415		
2,000.00	2,000.00	1,971.84	1,971.79	5.56	7.23	53.745	656.93	895.78	1,110.86	1,098.08	12.78	86.892		
2,100.00	2,100.00	2,071.34	2,071.29	5.71	7.58	53.722	657.64	896.00	1,111.47	1,098.18	13.29	83.658		
2,200.00	2,200.00	2,168.45	2,168.39	5.86	7.92	53.701	658.37	896.28	1,112.15	1,098.37	13.78	80.731		
2,300.00	2,300.00	2,266.54	2,266.48	6.01	8.26	53.663	659.52	896.63	1,113.12	1,098.85	14.27	78.021		
2,400.00	2,400.00	2,363.46	2,363.39	6.16	8.60	53.620	660.85	897.01	1,114.25	1,099.50	14.75	75.535		
2,500.00	2,500.00	2,459.18	2,459.10	6.30	8.93	53.562	662.60	897.49	1,115.74	1,100.51	15.23	73.264		
2,600.00	2,600.00	2,555.02	2,554.92	6.44	9.27	53.519	664.35	898.43	1,117.61	1,101.91	15.70	71.163		
2,700.00	2,700.00	2,656.65	2,656.51	6.58	9.63	53.456	666.60	899.41	1,119.72	1,103.52	16.20	69.118		
2,800.00	2,800.00	2,760.78	2,760.62	6.71	9.99	53.403	668.47	900.21	1,121.39	1,104.69	16.70	67.139		
2,900.00	2,900.00	2,860.48	2,860.30	6.85	10.34	53.348	670.23	900.77	1,122.90	1,105.71	17.19	65.335		
3,000.00	3,000.00	2,963.02	2,962.83	6.98	10.70	53.312	671.74	901.60	1,124.44	1,106.76	17.68	63.600		
3,100.00	3,100.00	3,063.82	3,063.61	7.12	11.05	53.265	673.22	902.05	1,125.66	1,107.50	18.16	61.969		
3,200.00	3,200.00	3,163.55	3,163.34	7.25	11.40	53.203	674.98	902.35	1,126.97	1,108.32	18.64	60.444		
3,300.00	3,300.00	3,265.51	3,265.27	7.37	11.76	53.148	676.59	902.71	1,128.20	1,109.06	19.13	58.972		
3,400.00	3,400.00	3,366.08	3,365.84	7.50	12.11	53.102	677.96	903.02	1,129.26	1,109.65	19.61	57.583		
3,500.00	3,500.00	3,465.87	3,465.62	7.63	12.46	53.054	679.36	903.31	1,130.34	1,110.25	20.09	56.273		
3,600.00	3,599.98	3,564.87	3,564.61	7.80	12.81	-36.436	680.87	903.56	1,130.05	1,109.46	20.59	54.893		
3,700.00	3,699.84	3,664.25	3,663.97	7.98	13.16	-36.664	682.14	904.11	1,127.05	1,105.97	21.08	53.468		
3,800.00	3,799.45	3,767.82	3,767.54	8.16	13.52	-37.028	683.09	904.83	1,121.18	1,099.58	21.60	51.913		
3,900.00	3,898.70	3,868.24	3,867.95	8.36	13.87	-37.546	683.99	905.10	1,112.21	1,099.10	22.12	50.292		
4,000.00	3,997.47	3,965.35	3,965.06	8.59	14.21	-38.213	685.07	905.29	1,100.65	1,078.02	22.63	48.629		
4,100.00	4,095.62	4,064.39	4,064.10	8.83	14.56	-39.045	686.11	905.66	1,086.58	1,063.41	23.17	46.893		
4,200.00	4,193.08	4,165.84	4,165.54	9.02	14.92	-40.005	686.93	905.92	1,069.86	1,046.19	23.67	45.197		
4,300.00	4,290.34	4,265.69	4,265.39	9.26	15.27	-40.862	687.58	905.83	1,052.28	1,028.08	24.20	43.475		
4,400.00	4,387.59	4,363.06	4,362.75	9.50	15.61	-41.739	688.32	905.50	1,034.82	1,010.08	24.74	41.834		
4,500.00	4,484.84	4,459.05	4,458.74	9.77	15.94	-42.637	689.15	905.16	1,017.66	992.39	25.27	40.266		
4,600.00	4,582.09	4,555.90	4,555.59	10.05	16.28	-43.573	690.06	904.90	1,000.88	975.06	25.82	38.763		
4,700.00	4,679.34	4,653.48	4,653.16	10.35	16.63	-44.548	690.98	904.59	984.34	957.97	26.38	37.320		

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond Pad Offsets - (W02) LEAR STATE 001H - 38865 - (Gyro/MWD)													Offset Site Error:	0.00 usft
Survey Program: 100-GYRO-NS, 8838-MWD													Offset Well Error:	0.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference	Offset	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
4,800.00	4,776.59	4,752.02	4,751.70	10.66	16.97	-45.569	691.89	904.20	968.04	941.10	26.94	35.936		
4,900.00	4,873.84	4,851.21	4,850.88	10.99	17.32	-46.641	692.78	903.54	951.84	924.34	27.50	34.608		
5,000.00	4,971.09	4,948.92	4,948.58	11.32	17.66	-47.732	693.54	902.77	935.81	907.75	28.07	33.344		
5,100.00	5,068.34	5,045.76	5,045.42	11.67	18.00	-48.855	694.36	901.97	920.15	891.53	28.63	32.145		
5,200.00	5,165.59	5,144.59	5,144.23	12.03	18.34	-50.059	695.36	900.88	904.83	875.64	29.19	31.001		
5,300.00	5,262.84	5,244.76	5,244.39	12.39	18.69	-51.331	696.22	899.42	889.56	859.81	29.75	29.903		
5,400.00	5,360.09	5,343.10	5,342.70	12.77	19.04	-52.667	697.27	897.29	874.47	844.17	30.30	28.862		
5,500.00	5,457.34	5,438.92	5,438.49	13.15	19.37	-54.039	698.49	894.84	859.81	828.97	30.84	27.883		
5,600.00	5,554.59	5,533.84	5,533.37	13.54	19.71	-55.430	699.79	892.69	845.91	814.54	31.37	26.968		
5,700.00	5,651.84	5,630.31	5,629.81	13.93	20.04	-56.869	701.01	890.76	832.61	800.72	31.89	26.106		
5,800.00	5,749.09	5,726.10	5,725.58	14.33	20.38	-58.327	702.19	889.06	819.97	787.56	32.41	25.298		
5,900.00	5,846.35	5,822.39	5,821.85	14.74	20.71	-59.831	703.42	887.45	808.00	775.07	32.92	24.542		
6,000.00	5,943.60	5,918.64	5,918.07	15.15	21.05	-61.388	704.80	885.72	796.69	763.27	33.42	23.835		
6,100.00	6,040.85	6,015.15	6,014.56	15.57	21.39	-62.994	706.25	883.96	786.08	752.16	33.92	23.176		
6,200.00	6,138.10	6,111.95	6,111.34	15.99	21.73	-64.638	707.69	882.31	776.16	741.76	34.40	22.561		
6,300.00	6,235.35	6,211.23	6,210.59	16.41	22.08	-66.353	708.93	880.67	766.75	731.86	34.89	21.979		
6,400.00	6,332.60	6,308.39	6,307.73	16.84	22.42	-68.054	709.91	879.20	757.86	722.50	35.36	21.435		
6,500.00	6,429.85	6,403.19	6,402.52	17.27	22.75	-69.751	710.99	877.80	749.82	714.00	35.82	20.935		
6,600.00	6,527.10	6,502.56	6,501.87	17.70	23.10	-71.567	712.10	876.28	742.48	706.19	36.28	20.465		
6,700.00	6,624.35	6,597.44	6,596.73	18.14	23.43	-73.325	713.11	874.92	735.87	699.13	36.74	20.029		
6,800.00	6,721.92	6,694.37	6,693.65	18.59	23.77	-74.949	714.28	873.60	730.57	693.38	37.19	19.645		
6,900.00	6,820.20	6,794.22	6,793.49	19.03	24.12	-76.406	715.39	872.19	726.68	689.04	37.64	19.305		
7,000.00	6,919.06	6,891.77	6,891.01	19.46	24.46	-77.601	716.40	870.85	723.99	685.90	38.09	19.009		
7,100.00	7,018.38	6,991.65	6,990.88	19.87	24.81	-78.601	717.52	869.32	722.39	683.86	38.53	18.750		
7,200.00	7,118.05	7,089.30	7,088.51	20.25	25.15	-79.363	718.72	867.49	721.71	682.76	38.95	18.527		
7,215.96	7,133.98	7,105.02	7,104.23	20.30	25.20	-79.463	718.94	867.20	721.70	682.68	39.02	18.495		
7,300.00	7,217.94	7,189.59	7,188.77	20.58	25.50	-79.895	720.09	865.57	721.90	682.52	39.38	18.331		
7,400.00	7,317.93	7,289.56	7,288.71	20.72	25.85	-80.205	721.41	863.52	722.68	682.90	39.78	18.167		
7,500.00	7,417.93	7,391.52	7,390.63	20.78	26.21	-80.006	722.68	861.18	723.54	683.33	40.21	17.994		
7,600.00	7,517.93	7,493.27	7,492.35	20.82	26.56	-80.797	723.69	858.66	724.14	683.51	40.63	17.823		
7,700.00	7,617.93	7,593.11	7,592.16	20.87	26.91	-80.606	724.53	856.35	724.62	683.58	41.04	17.655		
7,800.00	7,717.93	7,695.55	7,694.57	20.92	27.27	-80.421	725.23	854.10	724.97	683.51	41.46	17.485		
7,900.00	7,817.93	7,794.76	7,793.76	20.97	27.62	-80.245	725.77	851.92	725.19	683.31	41.88	17.317		
8,000.00	7,917.93	7,895.75	7,894.72	21.01	27.97	-80.077	726.30	849.84	725.41	683.12	42.30	17.151		
8,100.00	8,017.93	7,996.66	7,995.61	21.06	28.32	-79.924	726.65	847.94	725.50	682.79	42.72	16.984		
8,200.00	8,117.93	8,100.10	8,099.04	21.11	28.69	-79.795	726.67	846.29	725.30	682.16	43.14	16.812		
8,300.00	8,217.93	8,201.08	8,200.02	21.16	29.04	-79.697	726.32	845.00	724.79	681.22	43.56	16.638		
8,400.00	8,317.93	8,300.00	8,298.92	21.21	29.38	-79.593	726.08	843.63	724.36	680.37	43.98	16.470		
8,445.42	8,363.35	8,342.32	8,341.24	21.23	29.53	-79.541	726.10	842.98	724.29	680.12	44.16	16.400		
8,500.00	8,417.93	8,394.38	8,393.29	21.26	29.71	-79.479	726.29	842.21	724.38	680.00	44.39	16.319		
8,600.00	8,517.93	8,493.90	8,492.80	21.31	30.06	-79.363	726.88	840.81	724.78	679.98	44.81	16.175		
8,700.00	8,617.93	8,593.43	8,592.32	21.35	30.41	-79.245	727.51	839.39	725.23	680.00	45.23	16.035		
8,800.00	8,717.93	8,694.82	8,693.24	21.40	30.77	-79.127	728.33	837.82	725.81	680.34	45.65	15.897		
8,900.00	8,817.91	8,795.96	8,794.35	21.48	31.12	-79.009	729.26	836.26	726.41	680.72	46.07	15.760		
9,000.00	8,916.79	8,895.86	8,894.25	21.54	31.47	-78.891	730.29	834.70	727.01	681.14	46.49	15.623		
9,100.00	9,011.73	8,991.36	8,989.75	21.61	31.82	-78.773	731.41	833.14	727.61	681.56	46.91	15.486		
9,200.00	9,099.84	9,076.37	9,074.76	21.68	32.17	-78.655	732.61	831.58	728.21	682.00	47.33	15.349		
9,300.00	9,178.45	9,154.88	9,153.27	21.75	32.52	-78.537	733.89	829.99	728.81	682.44	47.75	15.212		
9,400.00	9,245.16	9,221.39	9,219.78	21.82	32.87	-78.419	735.25	828.43	729.41	682.88	48.17	15.075		
9,400.02	9,245.17	9,221.40	9,219.79	21.82	32.87	-78.419	735.26	828.44	729.42	682.89	48.18	15.076		
9,500.00	9,297.95	9,274.18	9,272.57	21.89	33.22	-78.301	736.69	826.87	730.01	683.32	48.59	14.938		
9,600.00	9,335.22	9,311.45	9,309.84	21.96	33.57	-78.183	738.19	825.31	730.61	683.76	49.01	14.801		

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



Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond Pad Offsets - (W02) LEAR STATE 001H - 38865 - (Gyro/MWD)													Offset Site Error: 0.00 usft
Survey Program: 100-GYRO-NS, 8838-MWD							Rule Assigned:						Offset Well Error: 0.00 usft
Reference	Offset	Semi Major Axis		Distance		Offset Wellbore Centre		Between		Minimum	Separation	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)	Centres (usft)	Ellipses (usft)	Separation (usft)	Factor	
9,700.00	9,355.84	9,860.46	9,369.61	24.78	33.36	-173.016	18.70	847.61	406.02	347.60	58.42	6.950	
9,800.00	9,360.00	9,858.21	9,369.53	24.83	33.35	-158.338	20.94	847.65	505.23	446.79	58.43	8.646	
9,900.00	9,360.00	9,855.72	9,369.44	24.86	33.34	-154.488	23.43	847.70	605.03	546.60	58.43	10.354	
10,000.00	9,360.00	9,853.14	9,369.35	24.94	33.32	-150.726	26.01	847.75	704.88	646.45	58.43	12.063	
10,100.00	9,360.00	9,850.47	9,369.26	26.19	33.31	-147.080	28.68	847.81	804.77	746.33	58.43	13.773	
10,200.00	9,360.00	9,847.69	9,369.16	27.89	33.29	-143.574	31.45	847.87	904.67	846.23	58.43	15.482	
10,300.00	9,360.00	9,844.82	9,369.06	29.64	33.27	-140.224	34.33	847.93	1,004.58	946.14	58.44	17.190	
10,400.00	9,360.00	9,841.83	9,368.96	31.43	33.26	-137.042	37.31	848.00	1,104.50	1,046.06	58.44	18.898	
10,500.00	9,360.00	9,838.73	9,368.86	33.25	33.24	-134.033	40.41	848.07	1,204.43	1,145.98	58.45	20.605	
10,600.00	9,360.00	9,838.00	9,368.84	35.10	33.23	-133.367	41.14	848.08	1,304.37	1,245.89	58.48	22.306	
10,700.00	9,360.00	9,834.24	9,368.72	36.98	33.21	-130.169	44.90	848.17	1,404.30	1,345.82	58.48	24.012	
10,800.00	9,360.00	9,832.18	9,368.66	38.87	33.20	-128.574	46.95	848.21	1,504.25	1,445.75	58.50	25.712	
10,900.00	9,360.00	9,830.17	9,368.60	40.78	33.19	-127.113	48.96	848.26	1,604.20	1,545.67	58.53	27.410	
11,000.00	9,360.00	9,828.21	9,368.54	42.71	33.18	-125.771	50.93	848.30	1,704.15	1,645.60	58.55	29.107	
11,100.00	9,360.00	9,826.29	9,368.49	44.65	33.17	-124.536	52.85	848.34	1,804.10	1,745.53	58.57	30.801	
11,200.00	9,360.00	9,824.40	9,368.45	46.60	33.16	-123.396	54.73	848.38	1,904.06	1,845.46	58.60	32.492	
11,300.00	9,360.00	9,822.56	9,368.40	48.56	33.15	-122.343	56.57	848.42	2,004.02	1,945.39	58.63	34.181	

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



Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond Pad Offsets - (W03) LEAR STATE 002H - 38866 - (Gyro/MWD)													Offset Site Error: 0.00 usft		
Survey Program: 100-GYRO-NS, 8768-MWD				Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned: Distance				Offset Well Error: 0.00 usft	
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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
8,400.00	8,317.93	11,190.00	9,353.53	21.21	58.63	-136.332	-1,230.87	-434.72	2,015.16	1,952.96	62.19	32.401			
8,500.00	8,417.93	11,190.00	9,353.53	21.26	58.63	-136.332	-1,230.87	-434.72	1,964.31	1,901.15	63.16	31.098			
8,600.00	8,517.93	11,190.00	9,353.53	21.31	58.63	-136.332	-1,230.87	-434.72	1,917.34	1,853.24	64.10	29.913			
8,700.00	8,617.93	11,190.00	9,353.53	21.35	58.63	-136.332	-1,230.87	-434.72	1,874.52	1,809.55	64.98	28.849			
8,800.00	8,717.93	11,190.00	9,353.53	21.40	58.63	-136.332	-1,230.87	-434.72	1,836.16	1,770.38	65.79	27.911			
8,900.00	8,817.91	11,190.00	9,353.53	21.48	58.63	134.539	-1,230.87	-434.72	1,803.09	1,736.58	66.51	27.109			
9,000.00	8,916.79	11,190.00	9,353.53	21.94	58.63	135.900	-1,230.87	-434.72	1,784.21	1,716.92	67.29	26.514			
9,055.27	8,969.94	11,190.00	9,353.53	22.23	58.63	136.093	-1,230.87	-434.72	1,781.43	1,713.76	67.68	26.323	CC, ES		
9,100.00	9,011.73	11,190.00	9,353.53	22.47	58.63	135.966	-1,230.87	-434.72	1,783.25	1,715.32	67.93	26.251	SF		
9,200.00	9,099.84	11,190.00	9,353.53	23.01	58.63	134.747	-1,230.87	-434.72	1,800.28	1,731.89	68.39	26.324			
9,300.00	9,178.45	11,190.00	9,353.53	23.52	58.63	132.110	-1,230.87	-434.72	1,834.29	1,765.63	68.66	26.714			
9,400.00	9,245.16	11,190.00	9,353.53	23.97	58.63	127.776	-1,230.87	-434.72	1,883.37	1,814.59	68.78	27.384			
9,500.00	9,297.95	11,190.00	9,353.53	24.35	58.63	121.320	-1,230.87	-434.72	1,944.94	1,876.18	68.77	28.283			
9,600.00	9,335.22	11,190.00	9,353.53	24.62	58.63	112.264	-1,230.87	-434.72	2,016.10	1,947.43	68.67	29.358			

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



Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond Pad Offsets - (W05) GULF FEDERAL 002 - 26310 - (Inc Only)													Offset Site Error: 0.00 usft
Survey Program: 200-INC-ONLY													Offset Well Error: 0.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference	Offset	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,100.00	9,360.00	9,360.56	9,353.89	84.74	272.04	-90.000	1,678.28	5,832.07	2,035.68	1,692.99	342.69	5.940	
13,200.00	9,360.00	9,360.56	9,353.89	86.78	272.04	-90.000	1,678.28	5,832.07	1,979.12	1,633.02	346.10	5.718	
13,300.00	9,360.00	9,360.56	9,353.89	88.82	272.04	-90.000	1,678.28	5,832.07	1,926.11	1,576.50	349.61	5.509	
13,400.00	9,360.00	9,360.56	9,353.89	90.86	272.04	-90.000	1,678.28	5,832.07	1,876.92	1,523.74	353.18	5.314	
13,500.00	9,360.00	9,360.56	9,353.89	92.90	272.04	-90.000	1,678.28	5,832.07	1,831.88	1,475.09	356.79	5.134	
13,600.00	9,360.00	9,360.56	9,353.89	94.94	272.04	-90.000	1,678.28	5,832.07	1,791.29	1,430.90	360.39	4.970	
13,700.00	9,360.00	9,360.56	9,353.89	96.98	272.04	-90.000	1,678.28	5,832.07	1,755.47	1,391.52	363.95	4.823	
13,800.00	9,360.00	9,360.56	9,353.89	99.03	272.04	-90.000	1,678.28	5,832.07	1,724.71	1,357.31	367.40	4.694	
13,900.00	9,360.00	9,360.56	9,353.89	101.07	272.04	-90.000	1,678.28	5,832.07	1,699.28	1,328.59	370.70	4.584	
14,000.00	9,360.00	9,360.56	9,353.89	103.12	272.04	-90.000	1,678.28	5,832.07	1,679.44	1,305.65	373.79	4.493	
14,100.00	9,360.00	9,360.56	9,353.89	105.17	272.04	-90.000	1,678.28	5,832.07	1,665.37	1,288.76	376.61	4.422	
14,200.00	9,360.00	9,360.56	9,353.89	107.21	272.04	-90.000	1,678.28	5,832.07	1,657.23	1,278.10	379.13	4.371	
14,285.26	9,360.00	9,360.56	9,353.89	108.96	272.04	-90.000	1,678.28	5,832.07	1,655.04	1,274.03	381.00	4.344	CC
14,300.00	9,360.00	9,360.56	9,353.89	109.26	272.04	-90.000	1,678.28	5,832.07	1,655.10	1,273.80	381.30	4.341	ES
14,400.00	9,360.00	9,360.56	9,353.89	111.31	272.04	-90.000	1,678.28	5,832.07	1,659.01	1,275.91	383.10	4.331	SF
14,500.00	9,360.00	9,360.56	9,353.89	113.36	272.04	-90.000	1,678.28	5,832.07	1,668.91	1,284.40	384.50	4.340	
14,600.00	9,360.00	9,360.56	9,353.89	115.42	272.04	-90.000	1,678.28	5,832.07	1,684.70	1,299.18	385.52	4.370	
14,700.00	9,360.00	9,360.56	9,353.89	117.47	272.04	-90.000	1,678.28	5,832.07	1,706.21	1,320.06	386.15	4.418	
14,800.00	9,360.00	9,360.56	9,353.89	119.52	272.04	-90.000	1,678.28	5,832.07	1,733.23	1,346.81	386.43	4.485	
14,900.00	9,360.00	9,360.56	9,353.89	121.57	272.04	-90.000	1,678.28	5,832.07	1,765.52	1,379.15	386.37	4.569	
15,000.00	9,360.00	9,360.56	9,353.89	123.63	272.04	-90.000	1,678.28	5,832.07	1,802.77	1,416.76	386.02	4.670	
15,100.00	9,360.00	9,360.56	9,353.89	125.68	272.04	-90.000	1,678.28	5,832.07	1,844.71	1,459.30	385.41	4.786	
15,200.00	9,360.00	9,360.56	9,353.89	127.74	272.04	-90.000	1,678.28	5,832.07	1,891.00	1,506.42	384.59	4.917	
15,300.00	9,360.00	9,360.56	9,353.89	129.79	272.04	-90.000	1,678.28	5,832.07	1,941.35	1,557.76	383.59	5.061	
15,400.00	9,360.00	9,360.56	9,353.89	131.85	272.04	-90.000	1,678.28	5,832.07	1,995.44	1,613.00	382.44	5.218	
15,500.00	9,360.00	9,360.56	9,353.89	133.90	272.04	-90.000	1,678.28	5,832.07	2,052.98	1,671.79	381.19	5.386	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond Pad Offsets - (W06) GULF FEDERAL COM 001 - 25637 - (Inc Only)												Offset Site Error:	0.00 usft
Survey Program: 210-INC-ONLY												Offset Well Error:	0.00 usft
Reference	Offset	Semi Major Axis		Distance		Rule Assigned:		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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
12,300.00	9,360.00	9,347.72	9,345.84	68.52	236.06	-90.158	366.26	5,839.11	2,017.75	1,753.71	264.04	7.642	
12,400.00	9,360.00	9,347.72	9,345.84	70.54	236.06	-90.158	366.26	5,839.11	1,919.28	1,654.82	264.47	7.257	
12,500.00	9,360.00	9,347.72	9,345.83	72.56	236.06	-90.158	366.26	5,839.11	1,820.98	1,556.02	264.96	6.873	
12,600.00	9,360.00	9,347.71	9,345.83	74.58	236.06	-90.158	366.26	5,839.11	1,722.87	1,457.33	265.54	6.488	
12,700.00	9,360.00	9,347.71	9,345.83	76.61	236.06	-90.158	366.26	5,839.11	1,625.00	1,358.77	266.23	6.104	
12,800.00	9,360.00	9,347.71	9,345.83	78.64	236.06	-90.157	366.26	5,839.11	1,527.40	1,260.36	267.04	5.720	
12,900.00	9,360.00	9,347.71	9,345.83	80.67	236.06	-90.157	366.26	5,839.11	1,430.13	1,162.12	268.00	5.336	
13,000.00	9,360.00	9,347.71	9,345.83	82.71	236.06	-90.157	366.26	5,839.11	1,333.26	1,064.09	269.17	4.953	
13,100.00	9,360.00	9,347.71	9,345.83	84.74	236.06	-90.157	366.26	5,839.11	1,236.89	966.31	270.58	4.571	
13,200.00	9,360.00	9,347.71	9,345.83	86.78	236.06	-90.157	366.26	5,839.11	1,141.15	868.84	272.31	4.191	
13,300.00	9,360.00	9,347.71	9,345.83	88.82	236.06	-90.157	366.26	5,839.11	1,046.21	771.77	274.44	3.812	
13,400.00	9,360.00	9,347.71	9,345.83	90.86	236.06	-90.157	366.26	5,839.11	952.30	675.20	277.10	3.437	
13,500.00	9,360.00	9,347.71	9,345.83	92.90	236.06	-90.156	366.26	5,839.11	859.77	579.32	280.45	3.066	
13,600.00	9,360.00	9,347.71	9,345.83	94.94	236.06	-90.156	366.26	5,839.11	769.10	484.41	284.69	2.702	
13,700.00	9,360.00	9,347.71	9,345.83	96.98	236.06	-90.156	366.26	5,839.11	681.06	390.94	290.12	2.347	
13,800.00	9,360.00	9,347.70	9,345.82	99.03	236.06	-90.156	366.26	5,839.11	596.80	299.70	297.10	2.009	
13,900.00	9,360.00	9,347.70	9,345.82	101.07	236.06	-90.156	366.26	5,839.11	518.16	212.18	305.98	1.693 Level 3	
14,000.00	9,360.00	9,347.70	9,345.82	103.12	236.06	-90.156	366.26	5,839.11	448.12	131.20	316.92	1.414 Level 3	
14,100.00	9,360.00	9,347.70	9,345.82	105.17	236.06	-90.156	366.26	5,839.11	391.32	62.13	329.19	1.189 Level 3	
14,200.00	9,360.00	9,347.70	9,345.82	107.21	236.06	-90.155	366.26	5,839.11	354.20	14.07	340.13	1.041 Level 3	
14,288.34	9,360.00	9,347.70	9,345.82	109.02	236.06	-90.155	366.26	5,839.11	342.99	-2.09	345.09	0.994 Level 3, CC, ES, SF	
14,300.00	9,360.00	9,347.70	9,345.82	109.26	236.06	-90.155	366.26	5,839.11	343.19	-2.07	345.26	0.994 Level 3	
14,400.00	9,360.00	9,347.70	9,345.82	111.31	236.06	-90.155	366.26	5,839.11	360.70	18.49	342.21	1.054 Level 3	
14,500.00	9,360.00	9,347.70	9,345.82	113.36	236.06	-90.155	366.26	5,839.11	403.02	69.48	333.54	1.208 Level 3	
14,600.00	9,360.00	9,347.70	9,345.82	115.42	236.06	-90.155	366.26	5,839.11	463.41	140.05	323.36	1.433 Level 3	
14,700.00	9,360.00	9,347.70	9,345.82	117.47	236.06	-90.155	366.26	5,839.11	535.79	221.73	314.06	1.706 Level 3	
14,800.00	9,360.00	9,347.70	9,345.82	119.52	236.06	-90.155	366.26	5,839.11	615.95	309.63	306.32	2.011	
14,900.00	9,360.00	9,347.70	9,345.82	121.57	236.06	-90.155	366.26	5,839.11	701.22	401.13	300.10	2.337	
15,000.00	9,360.00	9,347.69	9,345.81	123.63	236.06	-90.154	366.26	5,839.11	789.96	494.84	295.12	2.677	
15,100.00	9,360.00	9,347.69	9,345.81	125.68	236.06	-90.154	366.26	5,839.11	881.11	589.98	291.14	3.026	
15,200.00	9,360.00	9,347.69	9,345.81	127.74	236.06	-90.154	366.26	5,839.11	974.00	686.09	287.92	3.383	
15,300.00	9,360.00	9,347.69	9,345.81	129.79	236.06	-90.154	366.26	5,839.11	1,068.18	782.89	285.29	3.744	
15,400.00	9,360.00	9,347.69	9,345.81	131.85	236.06	-90.154	366.26	5,839.11	1,163.33	880.20	283.12	4.109	
15,500.00	9,360.00	9,347.69	9,345.81	133.90	236.06	-90.154	366.26	5,839.11	1,259.23	977.90	281.32	4.476	
15,600.00	9,360.00	9,347.69	9,345.81	135.96	236.06	-90.154	366.26	5,839.11	1,355.72	1,075.90	279.81	4.845	
15,700.00	9,360.00	9,347.69	9,345.81	138.02	236.06	-90.153	366.26	5,839.11	1,452.69	1,174.14	278.54	5.215	
15,800.00	9,360.00	9,347.69	9,345.81	140.07	236.06	-90.153	366.26	5,839.11	1,550.04	1,272.58	277.46	5.587	
15,900.00	9,360.00	9,347.69	9,345.81	142.13	236.06	-90.153	366.26	5,839.11	1,647.71	1,371.17	276.53	5.958	
16,000.00	9,360.00	9,347.69	9,345.81	144.19	236.06	-90.153	366.26	5,839.11	1,745.64	1,469.90	275.74	6.331	
16,100.00	9,360.00	9,347.69	9,345.81	146.25	236.06	-90.153	366.26	5,839.11	1,843.80	1,568.75	275.05	6.703	
16,200.00	9,360.00	9,347.69	9,345.80	148.31	236.06	-90.153	366.26	5,839.11	1,942.14	1,667.69	274.45	7.076	
16,300.00	9,360.00	9,347.68	9,345.80	150.37	236.06	-90.153	366.26	5,839.11	2,040.64	1,766.71	273.94	7.449	

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



Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond Pad Offsets - (W07) GULF MCKAY FEDERAL 001 - 25471 - (Inc Only)												Offset Site Error:	0.00 usft
Survey Program: 400-INC-ONLY												Offset Well Error:	0.00 usft
Reference	Offset	Semi Major Axis		Distance		Rule Assigned:		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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,200.00	9,360.00	9,358.32	9,356.89	127.74	216.75	90.000	-950.21	8,489.01	1,992.75	1,708.72	284.03	7.016	
15,300.00	9,360.00	9,358.32	9,356.89	129.79	216.75	90.000	-950.21	8,489.01	1,906.35	1,618.76	287.60	6.629	
15,400.00	9,360.00	9,358.32	9,356.89	131.85	216.75	90.000	-950.21	8,489.01	1,821.35	1,529.87	291.48	6.249	
15,500.00	9,360.00	9,358.32	9,356.89	133.90	216.75	90.000	-950.21	8,489.01	1,737.94	1,442.23	295.72	5.877	
15,600.00	9,360.00	9,358.32	9,356.89	135.96	216.75	90.000	-950.21	8,489.01	1,656.37	1,356.05	300.33	5.515	
15,700.00	9,360.00	9,358.32	9,356.89	138.02	216.75	90.000	-950.21	8,489.01	1,576.93	1,271.59	305.34	5.165	
15,800.00	9,360.00	9,358.32	9,356.89	140.07	216.75	90.000	-950.21	8,489.01	1,499.94	1,189.18	310.77	4.827	
15,900.00	9,360.00	9,358.32	9,356.89	142.13	216.75	90.000	-950.21	8,489.01	1,425.82	1,109.19	316.63	4.503	
16,000.00	9,360.00	9,358.32	9,356.89	144.19	216.75	90.000	-950.21	8,489.01	1,355.02	1,032.10	322.92	4.196	
16,100.00	9,360.00	9,358.32	9,356.89	146.25	216.75	90.000	-950.21	8,489.01	1,288.11	958.49	329.62	3.908	
16,200.00	9,360.00	9,358.32	9,356.89	148.31	216.75	90.000	-950.21	8,489.01	1,225.70	889.05	336.66	3.641	
16,300.00	9,360.00	9,358.32	9,356.89	150.37	216.75	90.000	-950.21	8,489.01	1,168.54	824.61	343.93	3.398	
16,400.00	9,360.00	9,358.32	9,356.89	152.42	216.75	90.000	-950.21	8,489.01	1,117.41	766.14	351.27	3.181	
16,500.00	9,360.00	9,358.32	9,356.89	154.48	216.75	90.000	-950.21	8,489.01	1,073.19	714.74	358.45	2.994	
16,600.00	9,360.00	9,358.32	9,356.89	156.54	216.75	90.000	-950.21	8,489.01	1,036.76	671.57	365.19	2.839	
16,700.00	9,360.00	9,358.32	9,356.89	158.60	216.75	90.000	-950.21	8,489.01	1,008.96	637.82	371.14	2.719	
16,800.00	9,360.00	9,358.32	9,356.89	160.66	216.75	90.000	-950.21	8,489.01	990.52	614.56	375.96	2.635	
16,900.00	9,360.00	9,358.32	9,356.89	162.73	216.75	90.000	-950.21	8,489.01	981.97	602.59	379.37	2.588	
16,934.35	9,360.00	9,358.32	9,356.89	163.43	216.75	90.000	-950.21	8,489.01	981.36	601.19	380.18	2.581	CC, ES
17,000.00	9,360.00	9,358.32	9,356.89	164.79	216.75	90.000	-950.21	8,489.01	983.56	602.38	381.18	2.580	SF
17,100.00	9,360.00	9,358.32	9,356.89	166.85	216.75	90.000	-950.21	8,489.01	995.25	613.89	381.35	2.610	
17,200.00	9,360.00	9,358.32	9,356.89	168.91	216.75	90.000	-950.21	8,489.01	1,016.68	636.69	379.99	2.676	
17,300.00	9,360.00	9,358.32	9,356.89	170.97	216.75	90.000	-950.21	8,489.01	1,047.27	669.95	377.32	2.776	
17,400.00	9,360.00	9,358.32	9,356.89	173.03	216.75	90.000	-950.21	8,489.01	1,086.23	712.60	373.63	2.907	
17,500.00	9,360.00	9,358.32	9,356.89	175.09	216.75	90.000	-950.21	8,489.01	1,132.71	763.49	369.22	3.068	
17,600.00	9,360.00	9,358.32	9,356.89	177.16	216.75	90.000	-950.21	8,489.01	1,185.82	821.45	364.37	3.254	
17,700.00	9,360.00	9,358.32	9,356.89	179.22	216.75	90.000	-950.21	8,489.01	1,244.70	885.40	359.31	3.464	
17,800.00	9,360.00	9,358.32	9,356.89	181.28	216.75	90.000	-950.21	8,489.01	1,308.59	954.38	354.21	3.694	
17,900.00	9,360.00	9,358.32	9,356.89	183.34	216.75	90.000	-950.21	8,489.01	1,376.79	1,027.58	349.21	3.943	
18,000.00	9,360.00	9,358.32	9,356.89	185.41	216.75	90.000	-950.21	8,489.01	1,448.68	1,104.30	344.38	4.207	
18,100.00	9,360.00	9,358.32	9,356.89	187.47	216.75	90.000	-950.21	8,489.01	1,523.75	1,183.96	339.78	4.484	
18,200.00	9,360.00	9,358.32	9,356.89	189.53	216.75	90.000	-950.21	8,489.01	1,601.54	1,266.10	335.44	4.774	
18,300.00	9,360.00	9,358.32	9,356.89	191.59	216.75	90.000	-950.21	8,489.01	1,681.69	1,350.31	331.37	5.075	
18,400.00	9,360.00	9,358.32	9,356.89	193.66	216.75	90.000	-950.21	8,489.01	1,763.86	1,436.29	327.56	5.385	
18,500.00	9,360.00	9,358.32	9,356.89	195.72	216.75	90.000	-950.21	8,489.01	1,847.79	1,523.77	324.02	5.703	
18,600.00	9,360.00	9,358.32	9,356.89	197.78	216.75	90.000	-950.21	8,489.01	1,933.25	1,612.53	320.72	6.028	
18,700.00	9,360.00	9,358.32	9,356.89	199.85	216.75	90.000	-950.21	8,489.01	2,020.05	1,702.39	317.65	6.359	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond Pad Offsets - (W12) HULKSTER 005 - 39572 - (Inc Only)													Offset Site Error:	0.00 usft
Survey Program: 235-INC-ONLY													Offset Well Error:	0.00 usft
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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	0.89	0.89	0.00	0.02	18.321	1,673.70	554.21	1,763.07					
100.00	100.00	100.89	100.89	0.79	2.12	18.321	1,673.70	554.21	1,763.07	1,760.17	2.91	606.607		
200.00	200.00	200.89	200.89	1.45	4.22	18.321	1,673.70	554.21	1,763.07	1,757.40	5.67	311.003		
300.00	300.00	300.89	300.89	1.89	6.31	18.321	1,673.70	554.21	1,763.07	1,754.88	8.20	215.090		
400.00	400.00	402.73	402.73	2.25	8.42	18.318	1,673.97	554.21	1,763.33	1,752.66	10.67	165.275		
500.00	500.00	508.51	508.50	2.57	10.61	18.321	1,673.68	554.21	1,763.07	1,749.89	13.17	133.823		
532.30	532.30	533.21	533.19	2.66	11.06	18.321	1,673.70	554.21	1,763.07	1,749.35	13.72	128.518		
600.00	600.00	600.91	600.89	2.85	12.33	18.321	1,673.70	554.21	1,763.07	1,747.89	15.18	116.147		
700.00	700.00	709.65	709.63	3.11	14.37	18.320	1,673.84	554.21	1,763.22	1,745.75	17.48	100.880		
786.18	786.18	787.11	787.07	3.32	15.85	18.321	1,673.70	554.21	1,763.07	1,743.91	19.17	91.989		
800.00	800.00	800.92	800.89	3.35	16.12	18.321	1,673.70	554.21	1,763.07	1,743.61	19.47	90.575		
900.00	900.00	905.22	905.18	3.58	18.13	18.320	1,673.86	554.21	1,763.22	1,741.52	21.70	81.254		
1,000.00	1,000.00	1,000.94	1,000.89	3.79	20.04	18.321	1,673.70	554.21	1,763.07	1,739.24	23.83	73.982		
1,100.00	1,100.00	1,107.22	1,107.17	3.99	22.24	18.317	1,674.09	554.21	1,763.45	1,737.22	26.23	67.221		
1,200.00	1,200.00	1,200.98	1,200.89	4.19	24.14	18.321	1,673.70	554.21	1,763.07	1,734.74	28.33	62.230		
1,300.00	1,300.00	1,300.98	1,300.89	4.38	26.09	18.321	1,673.70	554.21	1,763.07	1,732.60	30.47	57.867		
1,400.00	1,400.00	1,412.87	1,412.77	4.56	28.27	18.319	1,673.90	554.21	1,763.30	1,730.47	32.83	53.713		
1,500.00	1,500.00	1,500.99	1,500.89	4.74	29.80	18.321	1,673.70	554.21	1,763.07	1,728.53	34.54	51.042		
1,600.00	1,600.00	1,601.00	1,600.89	4.91	31.50	18.321	1,673.70	554.21	1,763.07	1,726.66	36.41	48.426		
1,700.00	1,700.00	1,701.00	1,700.89	5.08	33.40	18.321	1,673.70	554.21	1,763.07	1,724.59	38.48	45.815		
1,800.00	1,800.00	1,801.59	1,801.49	5.24	35.32	18.319	1,673.89	554.21	1,763.26	1,722.69	40.56	43.468		
1,900.00	1,900.00	1,903.63	1,903.52	5.40	37.27	18.320	1,673.80	554.21	1,763.17	1,720.49	42.67	41.320		
2,000.00	2,000.00	2,001.00	2,000.89	5.56	39.10	18.321	1,673.70	554.21	1,763.07	1,718.41	44.66	39.480		
2,100.00	2,100.00	2,102.95	2,102.84	5.71	40.98	18.320	1,673.78	554.21	1,763.14	1,716.45	46.70	37.758		
2,200.00	2,200.00	2,201.01	2,200.89	5.86	42.88	18.321	1,673.70	554.21	1,763.07	1,714.33	48.74	36.170		
2,300.00	2,300.00	2,301.01	2,300.89	6.01	44.89	18.321	1,673.70	554.21	1,763.07	1,712.17	50.90	34.637		
2,400.00	2,400.00	2,410.63	2,410.50	6.16	47.09	18.317	1,674.09	554.21	1,763.47	1,710.22	53.25	33.118		
2,500.00	2,500.00	2,501.04	2,500.89	6.30	49.08	18.321	1,673.70	554.21	1,763.07	1,707.70	55.37	31.839		
2,600.00	2,600.00	2,601.04	2,600.89	6.44	51.55	18.321	1,673.70	554.21	1,763.07	1,705.09	57.99	30.405		
2,700.00	2,700.00	2,701.04	2,700.89	6.58	54.02	18.321	1,673.70	554.21	1,763.07	1,702.48	60.60	29.095		
2,800.00	2,800.00	2,802.28	2,802.12	6.71	56.52	18.315	1,674.31	554.21	1,763.65	1,700.42	63.24	27.890		
2,900.00	2,900.00	2,904.88	2,904.73	6.85	59.06	18.317	1,674.16	554.21	1,763.51	1,697.60	65.91	26.758		
3,000.00	3,000.00	3,007.49	3,007.33	6.98	61.59	18.320	1,673.84	554.21	1,763.22	1,694.64	68.58	25.712		
3,100.00	3,100.00	3,101.09	3,100.89	7.12	63.79	18.321	1,673.70	554.21	1,763.07	1,692.16	70.91	24.864		
3,200.00	3,200.00	3,201.09	3,200.89	7.25	66.07	18.321	1,673.70	554.21	1,763.07	1,689.75	73.32	24.047		
3,300.00	3,300.00	3,301.37	3,301.16	7.37	68.36	18.310	1,674.81	554.21	1,764.13	1,688.39	75.73	23.294		
3,400.00	3,400.00	3,407.49	3,407.27	7.50	70.78	18.312	1,674.60	554.21	1,763.94	1,685.66	78.28	22.534		
3,500.00	3,500.00	3,513.61	3,513.38	7.63	73.19	18.318	1,674.00	554.21	1,763.40	1,682.58	80.82	21.818		
3,600.00	3,599.98	3,601.15	3,600.87	7.80	75.10	-71.124	1,673.70	554.21	1,762.51	1,679.66	82.85	21.273		
3,700.00	3,699.84	3,701.01	3,700.73	7.98	77.21	-71.317	1,673.70	554.21	1,760.82	1,675.76	85.06	20.701		
3,800.00	3,799.45	3,803.96	3,803.67	8.16	79.38	-71.657	1,674.55	554.21	1,758.86	1,671.52	87.34	20.138		
3,900.00	3,898.70	3,910.81	3,910.52	8.36	81.63	-72.137	1,674.10	554.21	1,754.63	1,664.93	89.70	19.561		
4,000.00	3,997.47	3,998.70	3,998.36	8.59	83.51	-72.659	1,673.70	554.21	1,749.43	1,657.73	91.70	19.078		
4,100.00	4,095.62	4,096.85	4,096.51	8.83	85.65	-73.356	1,673.70	554.21	1,743.76	1,649.79	93.96	18.558		
4,200.00	4,193.08	4,194.32	4,193.97	9.02	87.78	-74.137	1,673.70	554.21	1,737.35	1,641.17	96.18	18.064		
4,300.00	4,290.34	4,297.60	4,297.24	9.26	90.04	-74.911	1,674.56	554.21	1,731.80	1,633.24	98.57	17.570		
4,400.00	4,387.59	4,401.26	4,400.90	9.50	92.30	-75.682	1,673.99	554.21	1,725.19	1,624.23	100.96	17.087		
4,500.00	4,484.84	4,486.14	4,485.73	9.77	94.17	-76.319	1,673.70	554.21	1,719.06	1,616.09	102.98	16.694		
4,600.00	4,482.09	4,583.39	4,582.98	10.05	96.32	-77.056	1,673.70	554.21	1,713.56	1,608.28	105.28	16.277		
4,700.00	4,679.34	4,680.64	4,680.23	10.35	98.47	-77.797	1,673.70	554.21	1,708.35	1,600.77	107.58	15.880		
4,800.00	4,776.59	4,783.21	4,782.78	10.66	100.75	-78.589	1,674.66	554.21	1,704.40	1,594.40	110.00	15.494		
4,900.00	4,873.84	4,886.41	4,885.98	10.99	103.03	-79.381	1,674.15	554.21	1,699.33	1,586.89	112.44	15.113		

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond Pad Offsets - (W12) HULKSTER 005 - 39572 - (Inc Only)													Offset Site Error:	0.00 usft
Survey Program: 235-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Offset Wellbore Centre		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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)			
5,000.00	4,971.09	4,972.47	4,971.98	11.32	104.93	-80.045	1,673.70	554.21	1,694.56	1,580.06	114.51	14.799		
5,100.00	5,068.34	5,069.72	5,069.23	11.67	107.07	-80.801	1,673.70	554.21	1,690.58	1,573.77	116.80	14.474		
5,200.00	5,165.59	5,166.97	5,166.48	12.03	109.21	-81.561	1,673.70	554.21	1,686.91	1,567.80	119.11	14.163		
5,300.00	5,262.84	5,268.21	5,267.70	12.39	111.43	-82.359	1,674.73	554.21	1,684.58	1,563.08	121.50	13.865		
5,400.00	5,360.09	5,371.40	5,370.90	12.77	113.70	-83.170	1,674.30	554.21	1,681.14	1,557.21	123.93	13.565		
5,500.00	5,457.34	5,458.80	5,458.23	13.15	115.62	-83.858	1,673.70	554.21	1,677.80	1,551.77	126.03	13.313		
5,600.00	5,554.59	5,556.05	5,555.48	13.54	117.75	-84.628	1,673.70	554.21	1,675.39	1,547.07	128.33	13.056		
5,700.00	5,651.84	5,653.30	5,652.73	13.93	119.87	-85.400	1,673.70	554.21	1,673.31	1,542.68	130.63	12.810		
5,800.00	5,749.09	5,753.21	5,752.63	14.33	122.06	-86.197	1,674.77	554.21	1,672.63	1,539.63	132.99	12.577		
5,900.00	5,846.35	5,856.40	5,855.82	14.74	124.31	-87.019	1,674.42	554.21	1,670.86	1,535.44	135.43	12.338		
6,000.00	5,943.60	5,959.60	5,959.00	15.15	126.57	-87.842	1,673.71	554.21	1,669.08	1,531.22	137.87	12.107		
6,100.00	6,040.85	6,042.38	6,041.74	15.57	128.32	-88.503	1,673.70	554.21	1,668.22	1,528.40	139.82	11.932		
6,200.00	6,138.10	6,139.63	6,138.99	15.99	130.38	-89.281	1,673.70	554.21	1,667.76	1,525.69	142.07	11.739		
6,240.10	6,177.09	6,178.63	6,177.98	16.16	131.21	-89.593	1,673.70	554.21	1,667.66	1,524.69	142.97	11.664 CC		
6,300.00	6,235.35	6,240.72	6,240.06	16.41	132.53	-90.089	1,674.60	554.21	1,668.52	1,524.12	144.40	11.555		
6,400.00	6,332.60	6,344.84	6,344.17	16.84	134.73	-90.922	1,674.15	554.21	1,668.29	1,521.48	146.81	11.364		
6,469.85	6,400.53	6,417.57	6,416.90	17.14	136.27	-91.504	1,673.58	554.21	1,668.08	1,519.59	148.48	11.234		
6,500.00	6,429.85	6,431.45	6,430.74	17.27	136.58	-91.615	1,673.70	554.21	1,668.32	1,519.45	148.86	11.207		
6,600.00	6,527.10	6,528.70	6,527.99	17.70	138.70	-92.392	1,673.70	554.21	1,669.15	1,517.97	151.18	11.041		
6,700.00	6,624.35	6,625.95	6,625.24	18.14	140.81	-93.168	1,673.70	554.21	1,670.32	1,516.80	153.52	10.880		
6,800.00	6,721.92	6,727.56	6,726.84	18.59	143.02	-93.949	1,674.72	554.21	1,672.72	1,516.80	155.93	10.728		
6,900.00	6,820.20	6,831.84	6,831.11	19.03	145.28	-94.627	1,674.28	554.21	1,673.70	1,515.32	158.38	10.568		
7,000.00	6,919.06	6,920.74	6,919.95	19.46	147.22	-95.104	1,673.70	554.21	1,674.37	1,513.90	160.48	10.434		
7,100.00	7,018.38	7,020.06	7,019.27	19.87	149.37	-95.516	1,673.70	554.21	1,675.45	1,512.68	162.77	10.293		
7,200.00	7,118.05	7,119.73	7,118.94	20.25	151.53	-95.807	1,673.70	554.21	1,676.25	1,511.19	165.06	10.156		
7,300.00	7,217.94	7,222.99	7,222.18	20.58	153.77	-95.972	1,674.75	554.21	1,677.77	1,510.37	167.40	10.023		
7,400.00	7,317.93	7,329.08	7,328.28	20.72	156.06	-6.631	1,674.34	554.21	1,677.51	1,507.75	169.76	9.882		
7,500.00	7,417.93	7,419.68	7,418.82	20.78	158.03	-6.634	1,673.70	554.21	1,676.85	1,505.04	171.81	9.760		
7,600.00	7,517.93	7,519.68	7,518.82	20.82	160.19	-6.634	1,673.70	554.21	1,676.85	1,502.80	174.05	9.634		
7,700.00	7,617.93	7,619.68	7,618.82	20.87	162.35	-6.634	1,673.70	554.21	1,676.85	1,500.56	176.29	9.512		
7,800.00	7,717.93	7,722.63	7,721.75	20.92	164.58	-6.630	1,674.76	554.21	1,677.90	1,499.31	178.59	9.395		
7,900.00	7,817.93	7,828.74	7,827.85	20.97	166.87	-6.631	1,674.38	554.21	1,677.55	1,496.59	180.96	9.270		
8,000.00	7,917.93	7,934.85	7,933.96	21.01	169.17	-6.634	1,673.61	554.21	1,676.83	1,493.50	183.33	9.147		
8,005.18	7,923.10	7,940.35	7,939.45	21.02	169.29	-6.634	1,673.56	554.21	1,676.78	1,493.33	183.45	9.140		
8,100.00	8,017.93	8,019.76	8,018.82	21.06	171.15	-6.634	1,673.70	554.21	1,676.85	1,491.46	185.39	9.045		
8,200.00	8,117.93	8,119.76	8,118.82	21.11	173.46	-6.634	1,673.70	554.21	1,676.85	1,489.07	187.78	8.930		
8,300.00	8,217.93	8,222.14	8,221.19	21.16	175.82	-6.629	1,674.78	554.21	1,677.93	1,487.71	190.22	8.821		
8,400.00	8,317.93	8,328.20	8,327.24	21.21	178.28	-6.631	1,674.44	554.21	1,677.61	1,484.86	192.75	8.704		
8,500.00	8,417.93	8,434.27	8,433.30	21.26	180.73	-6.634	1,673.71	554.21	1,676.92	1,481.65	195.28	8.588		
8,514.53	8,432.46	8,449.68	8,448.71	21.26	181.09	-6.634	1,673.58	554.21	1,676.80	1,481.15	195.64	8.571		
8,600.00	8,517.93	8,519.89	8,518.82	21.31	182.95	-6.634	1,673.70	554.21	1,676.85	1,479.27	197.58	8.487		
8,700.00	8,617.93	8,619.89	8,618.82	21.35	185.55	-6.634	1,673.70	554.21	1,676.85	1,476.59	200.26	8.374		
8,800.00	8,717.93	8,724.67	8,723.58	21.40	188.28	-6.628	1,675.18	554.21	1,678.32	1,475.26	203.06	8.265		
8,900.00	8,817.91	8,834.85	8,833.75	21.48	191.14	-96.506	1,674.53	554.21	1,677.83	1,471.84	205.99	8.145		
8,919.66	8,837.52	8,856.47	8,855.36	21.57	191.70	-96.561	1,674.32	554.21	1,677.80	1,471.23	206.58	8.122		
9,000.00	8,916.79	8,918.97	8,917.68	21.94	193.31	-96.788	1,673.70	554.21	1,678.59	1,470.29	208.29	8.059 ES		
9,100.00	9,011.73	9,013.91	9,012.62	22.47	195.56	-97.381	1,673.70	554.21	1,682.63	1,471.82	210.81	7.982		
9,200.00	9,099.84	9,122.96	9,121.63	23.01	198.15	-98.443	1,674.22	554.21	1,690.48	1,476.66	213.82	7.906		
9,300.00	9,178.45	9,180.71	9,179.34	23.52	199.45	-98.556	1,673.70	554.21	1,701.19	1,485.43	215.75	7.885		
9,400.00	9,245.16	9,247.43	9,246.05	23.97	200.85	-98.560	1,673.70	554.21	1,717.73	1,499.74	217.98	7.880 SF		
9,500.00	9,297.95	9,300.22	9,298.84	24.35	201.95	-97.771	1,673.70	554.21	1,740.28	1,520.16	220.12	7.906		
9,600.00	9,335.22	9,337.49	9,336.11	24.62	202.73	-95.931	1,673.70	554.21	1,769.25	1,547.15	222.10	7.966		

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



Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond Pad Offsets - (W12) HULKSTER 005 - 39572 - (Inc Only)													Offset Site Error: 0.00 usft
Survey Program: 235-INC-ONLY													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned:				Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
9,700.00	9,355.84	9,358.11	9,356.73	24.78	203.16	-92.864	1,673.70	554.21	1,804.47	1,580.64	223.83	8.062	
9,800.00	9,360.00	9,362.27	9,360.89	24.83	203.25	-90.000	1,673.70	554.21	1,845.10	1,619.90	225.20	8.193	
9,900.00	9,360.00	9,362.27	9,360.89	24.86	203.25	-90.000	1,673.70	554.21	1,890.21	1,663.74	226.47	8.346	
10,000.00	9,360.00	9,362.27	9,360.89	24.94	203.25	-90.000	1,673.70	554.21	1,939.44	1,711.73	227.71	8.517	
10,100.00	9,360.00	9,362.27	9,360.89	26.19	203.25	-90.000	1,673.70	554.21	1,992.47	1,763.58	228.89	8.705	
10,200.00	9,360.00	9,362.27	9,360.89	27.89	203.25	-90.000	1,673.70	554.21	2,049.01	1,819.01	230.01	8.909	



Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond Pad Offsets - (W14) KEEL A FEDERAL 003 - 33340 - (Inc Only)												Offset Site Error:	0.00 usft
Survey Program: 218-INC-ONLY												Offset Well Error:	0.00 usft
Reference	Offset	Semi Major Axis		Distance		Rule Assigned:		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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
11,300.00	9,360.00	9,359.05	9,356.89	48.56	214.63	-90.000	1,483.83	4,300.62	2,063.63	1,810.07	253.56	8.139	
11,400.00	9,360.00	9,359.05	9,356.89	50.53	214.63	-90.000	1,483.83	4,300.62	1,994.47	1,738.82	255.65	7.801	
11,500.00	9,360.00	9,359.05	9,356.89	52.50	214.63	-90.000	1,483.83	4,300.62	1,928.02	1,670.10	257.92	7.475	
11,600.00	9,360.00	9,359.05	9,356.89	54.49	214.63	-90.000	1,483.83	4,300.62	1,864.57	1,604.22	260.35	7.162	
11,700.00	9,360.00	9,359.05	9,356.89	56.48	214.63	-90.000	1,483.83	4,300.62	1,804.43	1,541.49	262.94	6.863	
11,800.00	9,360.00	9,359.05	9,356.89	58.47	214.63	-90.000	1,483.83	4,300.62	1,747.95	1,482.28	265.67	6.579	
11,900.00	9,360.00	9,359.05	9,356.89	60.47	214.63	-90.000	1,483.83	4,300.62	1,695.49	1,426.96	268.53	6.314	
12,000.00	9,360.00	9,359.05	9,356.89	62.48	214.63	-90.000	1,483.83	4,300.62	1,647.43	1,375.94	271.49	6.068	
12,100.00	9,360.00	9,359.05	9,356.89	64.49	214.63	-90.000	1,483.83	4,300.62	1,604.17	1,329.66	274.51	5.844	
12,200.00	9,360.00	9,359.05	9,356.89	66.50	214.63	-90.000	1,483.83	4,300.62	1,566.12	1,288.56	277.56	5.643	
12,300.00	9,360.00	9,359.05	9,356.89	68.52	214.63	-90.000	1,483.83	4,300.62	1,533.65	1,253.08	280.57	5.466	
12,400.00	9,360.00	9,359.05	9,356.89	70.54	214.63	-90.000	1,483.83	4,300.62	1,507.13	1,223.63	283.50	5.316	
12,500.00	9,360.00	9,359.05	9,356.89	72.56	214.63	-90.000	1,483.83	4,300.62	1,486.87	1,200.59	286.29	5.194	
12,600.00	9,360.00	9,359.05	9,356.89	74.58	214.63	-90.000	1,483.83	4,300.62	1,473.14	1,184.27	288.87	5.100	
12,700.00	9,360.00	9,359.05	9,356.89	76.61	214.63	-90.000	1,483.83	4,300.62	1,466.12	1,174.92	291.20	5.035	
12,753.23	9,360.00	9,359.05	9,356.89	77.69	214.63	-90.000	1,483.83	4,300.62	1,465.15	1,172.83	292.32	5.012 CC	
12,800.00	9,360.00	9,359.05	9,356.89	78.64	214.63	-90.000	1,483.83	4,300.62	1,465.90	1,172.67	293.23	4.999 ES	
12,900.00	9,360.00	9,359.05	9,356.89	80.67	214.63	-90.000	1,483.83	4,300.62	1,472.48	1,177.56	294.92	4.993 SF	
13,000.00	9,360.00	9,359.05	9,356.89	82.71	214.63	-90.000	1,483.83	4,300.62	1,485.79	1,189.51	296.28	5.015	
13,100.00	9,360.00	9,359.05	9,356.89	84.74	214.63	-90.000	1,483.83	4,300.62	1,505.63	1,208.35	297.28	5.065	
13,200.00	9,360.00	9,359.05	9,356.89	86.78	214.63	-90.000	1,483.83	4,300.62	1,531.75	1,233.81	297.94	5.141	
13,300.00	9,360.00	9,359.05	9,356.89	88.82	214.63	-90.000	1,483.83	4,300.62	1,563.85	1,265.55	298.30	5.243	
13,400.00	9,360.00	9,359.05	9,356.89	90.86	214.63	-90.000	1,483.83	4,300.62	1,601.55	1,303.18	298.37	5.368	
13,500.00	9,360.00	9,359.05	9,356.89	92.90	214.63	-90.000	1,483.83	4,300.62	1,644.48	1,346.28	298.20	5.515	
13,600.00	9,360.00	9,359.05	9,356.89	94.94	214.63	-90.000	1,483.83	4,300.62	1,692.24	1,394.42	297.82	5.682	
13,700.00	9,360.00	9,359.05	9,356.89	96.98	214.63	-90.000	1,483.83	4,300.62	1,744.43	1,447.15	297.28	5.868	
13,800.00	9,360.00	9,359.05	9,356.89	99.03	214.63	-90.000	1,483.83	4,300.62	1,800.66	1,504.06	296.61	6.071	
13,900.00	9,360.00	9,359.05	9,356.89	101.07	214.63	-90.000	1,483.83	4,300.62	1,860.58	1,564.75	295.83	6.289	
14,000.00	9,360.00	9,359.05	9,356.89	103.12	214.63	-90.000	1,483.83	4,300.62	1,923.82	1,628.84	294.98	6.522	
14,100.00	9,360.00	9,359.05	9,356.89	105.17	214.63	-90.000	1,483.83	4,300.62	1,990.09	1,696.01	294.08	6.767	
14,200.00	9,360.00	9,359.05	9,356.89	107.21	214.63	-90.000	1,483.83	4,300.62	2,059.08	1,765.93	293.15	7.024	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond Pad Offsets - (W16) LEAR STATE SWD 003 - 26703 - (Inc Only)													Offset Site Error:	0.00 usft
Survey Program: 229-INC-ONLY													Offset Well Error:	0.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Distance Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	0.00	0.00	-65.105	352.76	-760.13	838.00					
100.00	100.00	96.89	96.89	0.79	2.00	-65.105	352.76	-760.13	838.00	835.21	2.79	300.512		
200.00	200.00	196.89	196.89	1.45	4.07	-65.105	352.76	-760.13	838.00	832.48	5.52	151.915		
300.00	300.00	296.90	296.89	1.89	6.03	-65.105	352.76	-760.13	838.00	830.07	7.93	105.737		
400.00	400.00	398.49	398.48	2.25	7.98	-65.095	352.93	-760.13	838.07	827.84	10.23	81.907		
500.00	500.00	496.91	496.89	2.57	10.43	-65.105	352.76	-760.13	838.00	825.00	12.99	64.493		
600.00	600.00	596.91	596.89	2.85	13.18	-65.105	352.76	-760.13	838.00	821.97	16.03	52.270		
700.00	700.00	697.08	697.06	3.11	15.94	-65.073	353.28	-760.13	838.22	819.16	19.05	43.997		
800.00	800.00	797.72	797.70	3.35	18.72	-65.082	353.14	-760.13	838.16	816.09	22.07	37.983		
900.00	900.00	898.38	898.35	3.58	21.49	-65.102	352.81	-760.13	838.02	812.96	25.07	33.430		
947.19	947.19	944.11	944.08	3.68	22.56	-65.105	352.76	-760.13	838.00	811.76	26.24	31.940		
1,000.00	1,000.00	996.92	996.89	3.79	23.70	-65.105	352.76	-760.13	838.00	810.51	27.49	30.485		
1,100.00	1,100.00	1,096.92	1,096.89	3.99	25.86	-65.105	352.76	-760.13	838.00	808.15	29.85	28.074		
1,200.00	1,200.00	1,197.03	1,197.00	4.19	28.01	-65.089	353.02	-760.13	838.11	805.90	32.21	26.024		
1,300.00	1,300.00	1,297.35	1,297.31	4.38	30.18	-65.094	352.94	-760.13	838.08	803.52	34.56	24.252		
1,400.00	1,400.00	1,397.66	1,397.63	4.56	32.34	-65.104	352.78	-760.13	838.01	801.10	36.90	22.708		
1,443.80	1,443.80	1,440.72	1,440.69	4.64	33.23	-65.105	352.76	-760.13	838.00	800.12	37.87	22.125		
1,500.00	1,500.00	1,496.92	1,496.89	4.74	34.39	-65.105	352.76	-760.13	838.00	798.87	39.13	21.418		
1,600.00	1,600.00	1,596.92	1,596.89	4.91	36.43	-65.105	352.76	-760.13	838.00	796.65	41.35	20.268		
1,700.00	1,700.00	1,697.05	1,697.01	5.08	38.48	-65.089	353.02	-760.13	838.11	794.54	43.56	19.239		
1,800.00	1,800.00	1,797.36	1,797.32	5.24	40.54	-65.094	352.94	-760.13	838.08	792.29	45.78	18.306		
1,900.00	1,900.00	1,897.67	1,897.64	5.40	42.59	-65.104	352.77	-760.13	838.01	790.01	48.00	17.460		
1,940.45	1,940.45	1,937.40	1,937.34	5.47	43.43	-65.105	352.76	-760.13	838.00	789.10	48.90	17.137		
2,000.00	2,000.00	1,996.94	1,996.89	5.56	44.70	-65.105	352.76	-760.13	838.00	787.73	50.26	16.672		
2,100.00	2,100.00	2,096.94	2,096.89	5.71	46.84	-65.105	352.76	-760.13	838.00	785.45	52.55	15.947		
2,200.00	2,200.00	2,197.19	2,197.13	5.86	48.98	-65.052	353.61	-760.13	838.36	783.52	54.84	15.287		
2,300.00	2,300.00	2,298.09	2,298.02	6.01	51.13	-65.065	353.41	-760.13	838.27	781.13	57.14	14.671		
2,400.00	2,400.00	2,398.99	2,398.92	6.16	53.28	-65.092	352.96	-760.13	838.09	778.65	59.44	14.100		
2,500.00	2,500.00	2,496.99	2,496.89	6.30	55.29	-65.105	352.76	-760.13	838.00	776.41	61.58	13.607		
2,600.00	2,600.00	2,596.99	2,596.89	6.44	57.28	-65.105	352.76	-760.13	838.00	774.27	63.72	13.151		
2,700.00	2,700.00	2,697.31	2,697.20	6.58	59.29	-65.059	353.50	-760.13	838.31	772.45	65.87	12.727		
2,800.00	2,800.00	2,798.33	2,798.22	6.71	61.31	-65.074	353.27	-760.13	838.21	770.19	68.02	12.323		
2,900.00	2,900.00	2,899.35	2,899.23	6.85	63.32	-65.106	352.75	-760.13	838.00	767.82	70.17	11.942 CC		
2,933.20	2,933.20	2,930.25	2,930.09	6.89	63.98	-65.105	352.76	-760.13	838.00	767.12	70.88	11.823		
3,000.00	3,000.00	2,997.04	2,996.89	6.98	65.41	-65.105	352.76	-760.13	838.00	765.61	72.39	11.576		
3,100.00	3,100.00	3,097.04	3,096.89	7.12	67.54	-65.105	352.76	-760.13	838.00	763.35	74.65	11.226		
3,200.00	3,200.00	3,197.64	3,197.48	7.25	69.68	-65.040	353.81	-760.13	838.44	761.52	76.92	10.900		
3,300.00	3,300.00	3,298.91	3,298.73	7.37	71.83	-65.061	353.47	-760.13	838.30	759.09	79.21	10.584		
3,400.00	3,400.00	3,400.18	3,400.00	7.50	73.99	-65.105	352.76	-760.13	838.01	756.52	81.49	10.283		
3,434.95	3,434.95	3,432.07	3,431.84	7.55	74.68	-65.105	352.76	-760.13	838.00	755.77	82.23	10.191		
3,500.00	3,500.00	3,497.12	3,496.89	7.63	76.10	-65.105	352.76	-760.13	838.00	754.27	83.73	10.008		
3,600.00	3,599.98	3,597.10	3,596.87	7.80	78.28	-154.524	352.76	-760.13	839.57	753.50	86.08	9.754 ES		
3,700.00	3,699.84	3,697.55	3,697.31	7.98	80.47	-154.573	353.81	-760.13	844.74	756.32	88.42	9.553		
3,800.00	3,799.45	3,798.43	3,798.18	8.16	82.67	-154.782	353.46	-760.13	852.48	761.69	90.79	9.389		
3,900.00	3,898.70	3,898.95	3,898.69	8.36	84.86	-155.082	352.76	-760.13	863.25	770.08	93.17	9.265		
4,000.00	3,997.47	3,994.68	3,994.36	8.59	86.75	-155.380	352.76	-760.13	877.48	782.22	95.26	9.212		
4,100.00	4,095.62	4,093.31	4,092.97	8.83	88.68	-155.690	353.68	-760.13	895.27	797.85	97.42	9.190		
4,200.00	4,193.08	4,193.03	4,192.68	9.02	90.64	-156.182	353.24	-760.13	915.61	816.05	99.56	9.197		
4,300.00	4,290.34	4,287.61	4,287.23	9.26	92.51	-156.766	352.76	-760.13	936.86	835.21	101.65	9.216		
4,400.00	4,387.59	4,384.86	4,384.48	9.50	94.46	-157.313	352.76	-760.13	958.40	854.56	103.83	9.230		
4,500.00	4,484.84	4,482.11	4,481.73	9.77	96.41	-157.836	352.76	-760.13	980.01	873.97	106.04	9.242		
4,600.00	4,582.09	4,580.21	4,579.82	10.05	98.37	-158.303	353.45	-760.13	1,001.94	893.67	108.27	9.254		

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond Pad Offsets - (W16) LEAR STATE SWD 003 - 26703 - (Inc Only)													Offset Site Error:
Survey Program: 229-INC-ONLY													Offset Well Error:
Rule Assigned:													
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference	Offset	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
4,700.00	4,679.34	4,678.39	4,678.00	10.35	100.34	-158.807	353.09	-760.13	1,023.57	913.05	110.52	9.261	
4,800.00	4,776.59	4,773.90	4,773.48	10.66	102.25	-159.276	352.76	-760.13	1,045.28	932.54	112.73	9.272	
4,900.00	4,873.84	4,871.15	4,870.73	10.99	104.19	-159.717	352.76	-760.13	1,067.16	952.17	114.99	9.280	
5,000.00	4,971.09	4,968.40	4,967.98	11.32	106.14	-160.140	352.76	-760.13	1,089.11	971.84	117.26	9.288	
5,100.00	5,068.34	5,066.43	5,066.00	11.67	108.10	-160.514	353.47	-760.13	1,111.33	991.77	119.56	9.295	
5,200.00	5,165.59	5,164.60	5,164.17	12.03	110.07	-160.926	353.13	-760.13	1,133.27	1,011.40	121.87	9.299	
5,300.00	5,262.84	5,260.20	5,259.73	12.39	112.00	-161.314	352.76	-760.13	1,155.25	1,031.10	124.16	9.305	
5,400.00	5,360.09	5,357.45	5,356.98	12.77	114.00	-161.676	352.76	-760.13	1,177.40	1,050.87	126.53	9.306	
5,500.00	5,457.34	5,454.70	5,454.23	13.15	116.00	-162.025	352.76	-760.13	1,199.59	1,070.68	128.90	9.306	
5,600.00	5,554.59	5,552.64	5,552.17	13.54	118.02	-162.330	353.49	-760.13	1,222.02	1,090.73	131.30	9.307	
5,700.00	5,651.84	5,650.81	5,650.33	13.93	120.04	-162.672	353.17	-760.13	1,244.20	1,110.49	133.71	9.305	
5,800.00	5,749.09	5,746.51	5,745.98	14.33	122.01	-162.998	352.76	-760.13	1,266.39	1,130.31	136.07	9.307	
5,900.00	5,846.35	5,843.76	5,843.24	14.74	124.02	-163.300	352.76	-760.13	1,288.72	1,150.25	138.47	9.307	
6,000.00	5,943.60	5,941.01	5,940.49	15.15	126.02	-163.592	352.76	-760.13	1,311.10	1,170.22	140.88	9.306	
6,100.00	6,040.85	6,039.07	6,038.53	15.57	128.04	-163.834	353.76	-760.13	1,333.76	1,190.45	143.31	9.307	
6,200.00	6,138.10	6,137.54	6,137.00	15.99	130.06	-164.127	353.37	-760.13	1,356.09	1,210.34	145.75	9.304	
6,300.00	6,235.35	6,232.82	6,232.24	16.41	132.04	-164.411	352.76	-760.13	1,378.39	1,230.25	148.14	9.304	
6,400.00	6,332.60	6,330.07	6,329.49	16.84	134.17	-164.666	352.76	-760.13	1,400.88	1,250.18	150.70	9.296	
6,500.00	6,429.85	6,427.32	6,426.74	17.27	136.31	-164.914	352.76	-760.13	1,423.40	1,270.14	153.26	9.287	
6,600.00	6,527.10	6,525.06	6,524.47	17.70	138.45	-165.124	353.54	-760.13	1,446.12	1,290.29	155.83	9.280	
6,700.00	6,624.35	6,623.21	6,622.62	18.14	140.61	-165.369	353.27	-760.13	1,468.62	1,310.19	158.43	9.270	
6,800.00	6,721.92	6,721.69	6,721.09	18.59	142.77	-165.700	352.76	-760.13	1,489.71	1,328.67	161.03	9.251	
6,900.00	6,820.20	6,817.77	6,817.09	19.03	145.08	-165.957	352.76	-760.13	1,507.63	1,343.85	163.78	9.205	
7,000.00	6,919.06	6,916.63	6,915.95	19.46	147.46	-166.165	352.76	-760.13	1,522.22	1,355.64	166.58	9.138	
7,100.00	7,018.38	7,016.82	7,016.11	19.87	149.87	-166.266	354.32	-760.13	1,533.81	1,364.42	169.39	9.055	
7,200.00	7,118.05	7,118.38	7,117.66	20.25	152.31	-166.394	353.80	-760.13	1,541.56	1,369.35	172.21	8.952	
7,300.00	7,217.94	7,220.19	7,219.45	20.58	154.76	-166.493	352.74	-760.13	1,545.81	1,370.82	174.99	8.834	
7,400.00	7,317.93	7,315.67	7,314.82	20.72	157.08	-77.126	352.76	-760.13	1,546.95	1,369.51	177.44	8.718	
7,500.00	7,417.93	7,415.67	7,414.82	20.78	159.51	-77.126	352.76	-760.13	1,546.95	1,367.02	179.92	8.598	
7,600.00	7,517.93	7,516.55	7,515.67	20.82	161.96	-77.069	354.33	-760.13	1,547.30	1,364.88	182.42	8.482	
7,700.00	7,617.93	7,618.44	7,617.55	20.87	164.43	-77.088	353.81	-760.13	1,547.18	1,362.24	184.94	8.366	
7,800.00	7,717.93	7,720.35	7,719.44	20.92	166.90	-77.126	352.74	-760.13	1,546.95	1,359.48	187.47	8.252	
7,833.93	7,751.86	7,749.77	7,748.75	20.94	167.65	-77.126	352.76	-760.13	1,546.95	1,358.73	188.22	8.219	
7,900.00	7,817.93	7,815.84	7,814.82	20.97	169.31	-77.126	352.76	-760.13	1,546.95	1,357.03	189.92	8.145	
8,000.00	7,917.93	7,915.84	7,914.82	21.01	171.83	-77.126	352.76	-760.13	1,546.95	1,354.46	192.48	8.037	
8,100.00	8,017.93	8,016.71	8,015.66	21.06	174.37	-77.069	354.34	-760.13	1,547.30	1,352.23	195.07	7.932	
8,200.00	8,117.93	8,118.60	8,117.54	21.11	176.94	-77.088	353.81	-760.13	1,547.18	1,349.49	197.69	7.826	
8,300.00	8,217.93	8,220.51	8,219.43	21.16	179.50	-77.126	352.75	-760.13	1,546.95	1,346.64	200.31	7.723	
8,334.48	8,252.41	8,250.53	8,249.30	21.18	180.26	-77.126	352.76	-760.13	1,546.95	1,345.86	201.08	7.693	
8,400.00	8,317.93	8,316.04	8,314.82	21.21	181.92	-77.126	352.76	-760.13	1,546.95	1,344.17	202.78	7.629	
8,500.00	8,417.93	8,416.04	8,414.82	21.26	184.46	-77.126	352.76	-760.13	1,546.95	1,341.59	205.36	7.533	
8,600.00	8,517.93	8,517.06	8,515.80	21.31	187.02	-77.059	354.60	-760.13	1,547.36	1,339.39	207.97	7.440	
8,700.00	8,617.93	8,619.29	8,618.01	21.35	189.61	-77.082	353.98	-760.13	1,547.22	1,336.61	210.61	7.346	
8,800.00	8,717.93	8,721.54	8,720.23	21.40	192.20	-77.127	352.73	-760.13	1,546.95	1,333.69	213.26	7.254	
8,803.67	8,721.59	8,725.28	8,723.98	21.41	192.30	-166.958	352.67	-760.13	1,546.94	1,333.58	213.36	7.250	
8,900.00	8,817.91	8,816.23	8,814.80	21.48	194.46	-166.944	352.76	-760.13	1,547.76	1,332.17	215.59	7.179	
9,000.00	8,916.79	8,915.11	8,913.68	21.94	196.81	-166.746	352.76	-760.13	1,561.45	1,343.06	218.39	7.150 SF	
9,100.00	9,011.73	9,010.80	9,009.35	22.47	199.09	-166.207	354.35	-760.13	1,592.03	1,370.83	221.20	7.197	
9,200.00	9,099.84	9,100.57	9,099.11	23.01	201.23	-165.366	353.94	-760.13	1,637.85	1,413.96	223.89	7.315	
9,300.00	9,178.45	9,180.67	9,179.20	23.52	203.14	-163.959	353.23	-760.13	1,697.94	1,471.61	226.33	7.502	
9,400.00	9,245.16	9,243.62	9,242.05	23.97	204.62	-161.483	352.76	-760.13	1,770.64	1,542.35	228.30	7.756	
9,500.00	9,297.95	9,296.41	9,294.84	24.35	205.85	-157.036	352.76	-760.13	1,853.83	1,623.91	229.93	8.063	

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



Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond Pad Offsets - (W16) LEAR STATE SWD 003 - 26703 - (Inc Only)													Offset Site Error: 0.00 usft
Survey Program: 229-INC-ONLY													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned:				Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
9,600.00	9,335.22	9,333.68	9,332.11	24.62	206.72	-147.897	352.76	-760.13	1,944.91	1,713.81	231.10	8.416	
9,700.00	9,355.84	9,354.30	9,352.73	24.78	207.20	-124.724	352.76	-760.13	2,041.12	1,809.34	231.79	8.806	



Dixon Directional Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond Pad Offsets - (W17) MAX STATE 001 - 26754 - (Inc Only)													Offset Site Error:	0.00 usft
Survey Program: 405-INC-ONLY													Offset Well Error:	0.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference	Semi Major Axis Offset	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Distance Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	0.00	0.00	-18.749	1,672.25	-567.61	1,765.99					
100.00	100.00	88.89	88.89	0.79	2.55	-18.749	1,672.25	-567.61	1,765.96	1,762.63	3.33	530.192		
200.00	200.00	188.89	188.89	1.45	5.41	-18.749	1,672.25	-567.61	1,765.96	1,759.11	6.85	257.635		
300.00	300.00	288.89	288.89	1.89	8.27	-18.749	1,672.25	-567.61	1,765.96	1,755.80	10.16	173.758		
400.00	400.00	388.89	388.89	2.25	11.13	-18.749	1,672.25	-567.61	1,765.96	1,752.57	13.39	131.900		
500.00	500.00	488.90	488.89	2.57	13.84	-18.749	1,672.25	-567.61	1,765.96	1,749.55	16.41	107.610		
600.00	600.00	588.90	588.89	2.85	16.52	-18.749	1,672.25	-567.61	1,765.96	1,746.59	19.37	91.166		
700.00	700.00	689.34	689.33	3.11	19.21	-18.743	1,672.84	-567.61	1,766.51	1,744.19	22.32	79.146		
800.00	800.00	792.15	792.14	3.35	21.96	-18.744	1,672.72	-567.61	1,766.41	1,741.09	25.31	69.781		
900.00	900.00	894.95	894.94	3.58	24.72	-18.747	1,672.44	-567.61	1,766.14	1,737.85	28.29	62.423		
1,000.00	1,000.00	988.92	988.89	3.79	26.94	-18.749	1,672.25	-567.61	1,765.96	1,735.23	30.73	57.472		
1,100.00	1,100.00	1,088.92	1,088.89	3.99	29.00	-18.749	1,672.25	-567.61	1,765.96	1,732.97	32.99	53.531		
1,200.00	1,200.00	1,188.92	1,188.89	4.19	31.05	-18.749	1,672.25	-567.61	1,765.96	1,730.72	35.24	50.107		
1,300.00	1,300.00	1,291.89	1,291.86	4.38	33.17	-18.744	1,672.71	-567.61	1,766.39	1,728.84	37.55	47.039		
1,400.00	1,400.00	1,394.91	1,394.88	4.56	35.29	-18.747	1,672.43	-567.61	1,766.14	1,726.29	39.85	44.315		
1,500.00	1,500.00	1,488.95	1,488.89	4.74	37.24	-18.749	1,672.25	-567.61	1,765.96	1,723.98	41.98	42.063		
1,600.00	1,600.00	1,588.95	1,588.89	4.91	39.34	-18.749	1,672.25	-567.61	1,765.96	1,721.71	44.25	39.910		
1,700.00	1,700.00	1,688.95	1,688.89	5.08	41.43	-18.749	1,672.25	-567.61	1,765.96	1,719.45	46.51	37.971		
1,800.00	1,800.00	1,793.42	1,793.36	5.24	43.62	-18.742	1,672.94	-567.61	1,766.61	1,717.76	48.86	36.158		
1,900.00	1,900.00	1,898.00	1,897.93	5.40	45.80	-18.746	1,672.52	-567.61	1,766.23	1,715.03	51.21	34.493		
2,000.00	2,000.00	1,989.00	1,988.89	5.56	47.81	-18.749	1,672.25	-567.61	1,765.96	1,712.59	53.37	33.090		
2,100.00	2,100.00	2,089.00	2,088.89	5.71	50.12	-18.749	1,672.25	-567.61	1,765.96	1,710.13	55.83	31.633		
2,200.00	2,200.00	2,189.00	2,188.89	5.86	52.42	-18.749	1,672.25	-567.61	1,765.96	1,707.68	58.28	30.299		
2,300.00	2,300.00	2,294.91	2,294.79	6.01	54.86	-18.739	1,673.17	-567.61	1,766.84	1,705.97	60.87	29.025		
2,400.00	2,400.00	2,401.11	2,400.97	6.16	57.31	-18.745	1,672.60	-567.61	1,766.33	1,702.86	63.47	27.831		
2,500.00	2,500.00	2,489.15	2,488.89	6.30	59.47	-18.749	1,672.25	-567.61	1,765.96	1,700.19	65.77	26.851		
2,600.00	2,600.00	2,589.15	2,588.89	6.44	62.07	-18.749	1,672.25	-567.61	1,765.96	1,697.45	68.51	25.777		
2,700.00	2,700.00	2,689.15	2,688.89	6.58	64.67	-18.749	1,672.25	-567.61	1,765.96	1,694.72	71.24	24.783		
2,800.00	2,800.00	2,794.14	2,793.83	6.71	67.39	-18.726	1,674.40	-567.61	1,768.00	1,693.89	74.11	23.857		
2,900.00	2,900.00	2,903.79	2,903.47	6.85	70.24	-18.733	1,673.76	-567.61	1,767.45	1,690.36	77.09	22.927		
3,000.00	3,000.00	3,013.46	3,013.11	6.98	73.09	-18.746	1,672.50	-567.61	1,766.36	1,686.29	80.07	22.061		
3,040.53	3,040.53	3,057.92	3,057.56	7.04	74.25	-18.753	1,671.80	-567.61	1,765.76	1,684.49	81.27	21.726 CC		
3,100.00	3,100.00	3,089.36	3,088.89	7.12	74.92	-18.749	1,672.25	-567.61	1,765.96	1,683.92	82.03	21.527		
3,200.00	3,200.00	3,189.36	3,188.89	7.25	77.28	-18.749	1,672.25	-567.61	1,765.96	1,681.44	84.52	20.893		
3,300.00	3,300.00	3,291.85	3,291.37	7.37	79.69	-18.736	1,673.49	-567.61	1,767.13	1,680.06	87.07	20.296		
3,400.00	3,400.00	3,400.49	3,400.00	7.50	82.25	-18.740	1,673.05	-567.61	1,766.74	1,676.99	89.76	19.684		
3,500.00	3,500.00	3,509.14	3,508.64	7.63	84.82	-18.751	1,672.05	-567.61	1,765.87	1,673.43	92.44	19.103		
3,501.41	3,501.41	3,510.67	3,510.16	7.63	84.85	-108.133	1,672.03	-567.61	1,765.86	1,673.38	92.48	19.095		
3,600.00	3,599.98	3,589.49	3,588.87	7.80	86.70	-108.173	1,672.25	-567.61	1,766.50	1,672.06	94.44	18.705		
3,700.00	3,699.84	3,689.35	3,688.73	7.98	89.04	-108.303	1,672.25	-567.61	1,768.14	1,671.26	96.89	18.250 ES		
3,800.00	3,799.45	3,795.84	3,795.18	8.16	91.53	-108.521	1,673.96	-567.61	1,772.53	1,673.04	99.49	17.816		
3,900.00	3,898.70	3,906.97	3,906.29	8.36	94.13	-108.884	1,673.11	-567.61	1,775.74	1,673.54	102.20	17.375		
4,000.00	3,997.47	3,987.12	3,986.36	8.59	95.96	-109.188	1,672.25	-567.61	1,779.98	1,675.83	104.16	17.090		
4,100.00	4,095.62	4,085.28	4,084.51	8.83	97.93	-109.634	1,672.25	-567.61	1,786.43	1,680.17	106.26	16.812		
4,200.00	4,193.08	4,184.71	4,183.93	9.02	99.93	-110.191	1,673.06	-567.61	1,794.97	1,686.61	108.36	16.565		
4,300.00	4,290.34	4,290.19	4,289.41	9.26	102.05	-110.931	1,672.67	-567.61	1,803.01	1,692.38	110.62	16.298		
4,400.00	4,387.59	4,377.30	4,376.48	9.50	103.87	-111.537	1,672.25	-567.61	1,811.21	1,698.62	112.60	16.086		
4,500.00	4,484.84	4,474.55	4,473.73	9.77	106.03	-112.203	1,672.25	-567.61	1,820.10	1,705.18	114.92	15.838		
4,600.00	4,582.09	4,571.80	4,570.98	10.05	108.19	-112.862	1,672.25	-567.61	1,829.24	1,711.98	117.25	15.601		
4,700.00	4,679.34	4,673.74	4,672.90	10.35	110.45	-113.535	1,673.22	-567.61	1,839.51	1,719.81	119.70	15.368		
4,800.00	4,776.59	4,777.10	4,776.26	10.66	112.74	-114.227	1,672.74	-567.61	1,848.73	1,726.55	122.19	15.130		
4,900.00	4,873.84	4,863.65	4,862.73	10.99	114.72	-114.803	1,672.25	-567.61	1,858.13	1,733.77	124.37	14.941		

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



Dixon Directional Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond Pad Offsets - (W17) MAX STATE 001 - 26754 - (Inc Only)													Offset Site Error: 0.00 usft
Survey Program: 405-INC-ONLY													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis			Offset Wellbore Centre		Rule Assigned:				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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,000.00	4,971.09	4,960.90	4,959.98	11.32	117.13	-115.437	1,672.25	-567.61	1,868.25	1,741.26	126.99	14.712	
5,100.00	5,068.34	5,058.15	5,057.23	11.67	119.55	-116.064	1,672.25	-567.61	1,878.59	1,748.97	129.62	14.493	
5,200.00	5,165.59	5,155.40	5,154.48	12.03	121.96	-116.685	1,672.25	-567.61	1,889.17	1,756.91	132.26	14.283	
5,300.00	5,262.84	5,256.81	5,255.87	12.39	124.48	-117.300	1,674.00	-567.61	1,901.52	1,766.50	135.02	14.083	
5,400.00	5,360.09	5,359.64	5,358.68	12.77	127.03	-117.947	1,673.57	-567.61	1,912.18	1,774.37	137.82	13.875	
5,500.00	5,457.34	5,462.47	5,461.50	13.15	129.58	-118.592	1,672.81	-567.61	1,922.79	1,782.17	140.62	13.673	
5,600.00	5,554.59	5,544.53	5,543.48	13.54	131.51	-119.100	1,672.25	-567.61	1,933.71	1,790.90	142.82	13.540	
5,700.00	5,651.84	5,641.78	5,640.73	13.93	133.54	-119.687	1,672.25	-567.61	1,945.39	1,800.27	145.12	13.406	
5,800.00	5,749.09	5,739.04	5,737.98	14.33	135.57	-120.267	1,672.25	-567.61	1,957.27	1,809.84	147.43	13.276	
5,900.00	5,846.35	5,841.80	5,840.74	14.74	137.71	-120.859	1,673.13	-567.61	1,970.10	1,820.24	149.86	13.146	
6,000.00	5,943.60	5,945.50	5,944.43	15.15	139.87	-121.471	1,672.59	-567.61	1,981.95	1,829.63	152.32	13.012	
6,100.00	6,040.85	6,030.86	6,029.74	15.57	141.67	-121.967	1,672.25	-567.61	1,994.11	1,839.70	154.41	12.914	
6,200.00	6,138.10	6,128.11	6,126.99	15.99	143.73	-122.520	1,672.25	-567.61	2,006.79	1,850.00	156.78	12.800	
6,300.00	6,235.35	6,225.36	6,224.24	16.41	145.79	-123.066	1,672.25	-567.61	2,019.65	1,860.48	159.16	12.689	
6,400.00	6,332.60	6,327.77	6,326.64	16.84	147.96	-123.619	1,673.21	-567.61	2,033.49	1,871.83	161.66	12.579	
6,500.00	6,429.85	6,431.03	6,429.89	17.27	150.15	-124.192	1,672.71	-567.61	2,046.32	1,882.14	164.18	12.464	
6,600.00	6,527.10	6,517.19	6,515.99	17.70	152.02	-124.665	1,672.25	-567.61	2,059.33	1,892.95	166.38	12.377 SF	

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



Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond Pad Offsets - (W18) MCKAY WEST FEDERAL 001 - 24931 - (Inc Only)												Offset Site Error: 0.00 usft
Survey Program: 452-INC-ONLY												Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	
15,700.00	9,360.00	9,368.44	9,366.89	138.02	223.68	-90.000	1,686.72	8,472.20	2,059.77	1,723.84	335.93	6.132
15,800.00	9,360.00	9,368.44	9,366.89	140.07	223.68	-90.000	1,686.72	8,472.20	2,001.89	1,661.23	340.66	5.876
15,900.00	9,360.00	9,368.44	9,366.89	142.13	223.68	-90.000	1,686.72	8,472.20	1,947.43	1,601.95	345.48	5.637
16,000.00	9,360.00	9,368.44	9,366.89	144.19	223.68	-90.000	1,686.72	8,472.20	1,896.68	1,546.33	350.35	5.414
16,100.00	9,360.00	9,368.44	9,366.89	146.25	223.68	-90.000	1,686.72	8,472.20	1,849.95	1,494.73	355.22	5.208
16,200.00	9,360.00	9,368.44	9,366.89	148.31	223.68	-90.000	1,686.72	8,472.20	1,807.55	1,447.51	360.04	5.020
16,300.00	9,360.00	9,368.44	9,366.89	150.37	223.68	-90.000	1,686.72	8,472.20	1,769.79	1,405.05	364.74	4.852
16,400.00	9,360.00	9,368.44	9,366.89	152.42	223.68	-90.000	1,686.72	8,472.20	1,736.97	1,367.72	369.25	4.704
16,500.00	9,360.00	9,368.44	9,366.89	154.48	223.68	-90.000	1,686.72	8,472.20	1,709.38	1,335.88	373.50	4.577
16,600.00	9,360.00	9,368.44	9,366.89	156.54	223.68	-90.000	1,686.72	8,472.20	1,687.28	1,309.88	377.40	4.471
16,700.00	9,360.00	9,368.44	9,366.89	158.60	223.68	-90.000	1,686.72	8,472.20	1,670.88	1,289.98	380.89	4.387
16,800.00	9,360.00	9,368.44	9,366.89	160.66	223.68	-90.000	1,686.72	8,472.20	1,660.34	1,276.44	383.91	4.325
16,900.00	9,360.00	9,368.44	9,366.89	162.73	223.68	-90.000	1,686.72	8,472.20	1,655.80	1,269.41	386.39	4.285
16,925.41	9,360.00	9,368.44	9,366.89	163.25	223.68	-90.000	1,686.72	8,472.20	1,655.60	1,268.68	386.93	4.279 CC, ES
17,000.00	9,360.00	9,368.44	9,366.89	164.79	223.68	-90.000	1,686.72	8,472.20	1,657.28	1,268.98	388.30	4.268 SF
17,100.00	9,360.00	9,368.44	9,366.89	166.85	223.68	-90.000	1,686.72	8,472.20	1,664.78	1,275.16	389.62	4.273
17,200.00	9,360.00	9,368.44	9,366.89	168.91	223.68	-90.000	1,686.72	8,472.20	1,678.22	1,287.86	390.36	4.299
17,300.00	9,360.00	9,368.44	9,366.89	170.97	223.68	-90.000	1,686.72	8,472.20	1,697.45	1,306.91	390.54	4.346
17,400.00	9,360.00	9,368.44	9,366.89	173.03	223.68	-90.000	1,686.72	8,472.20	1,722.28	1,332.10	390.19	4.414
17,500.00	9,360.00	9,368.44	9,366.89	175.09	223.68	-90.000	1,686.72	8,472.20	1,752.48	1,363.13	389.35	4.501
17,600.00	9,360.00	9,368.44	9,366.89	177.16	223.68	-90.000	1,686.72	8,472.20	1,787.76	1,399.67	388.09	4.607
17,700.00	9,360.00	9,368.44	9,366.89	179.22	223.68	-90.000	1,686.72	8,472.20	1,827.84	1,441.38	386.47	4.730
17,800.00	9,360.00	9,368.44	9,366.89	181.28	223.68	-90.000	1,686.72	8,472.20	1,872.41	1,487.87	384.54	4.869
17,900.00	9,360.00	9,368.44	9,366.89	183.34	223.68	-90.000	1,686.72	8,472.20	1,921.16	1,538.78	382.37	5.024
18,000.00	9,360.00	9,368.44	9,366.89	185.41	223.68	-90.000	1,686.72	8,472.20	1,973.77	1,593.75	380.02	5.194
18,100.00	9,360.00	9,368.44	9,366.89	187.47	223.68	-90.000	1,686.72	8,472.20	2,029.95	1,652.41	377.54	5.377

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond Pad Offsets - (W21) VANDIVER FEDERAL 001 - 26352 - (Inc Only)													Offset Site Error: 0.00 usft	
Survey Program: 400-INC-ONLY		Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned: Distance				Offset Well Error: 0.00 usft		
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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
9,700.00	9,355.84	9,350.50	9,347.73	24.78	225.53	-55.711	359.61	3,201.32	1,980.56	1,730.33	250.23	7.915		
9,800.00	9,360.00	9,354.67	9,351.89	24.83	225.62	-90.000	359.61	3,201.32	1,882.33	1,631.93	250.40	7.517		
9,900.00	9,360.00	9,354.67	9,351.89	24.86	225.62	-90.000	359.61	3,201.32	1,784.11	1,533.64	250.46	7.123		
10,000.00	9,360.00	9,354.67	9,351.89	24.94	225.62	-90.000	359.61	3,201.32	1,686.10	1,435.55	250.55	6.730		
10,100.00	9,360.00	9,354.67	9,351.89	26.19	225.62	-90.000	359.61	3,201.32	1,588.33	1,337.68	250.65	6.337		
10,200.00	9,360.00	9,354.67	9,351.89	27.89	225.62	-90.000	359.61	3,201.32	1,490.87	1,240.08	250.79	5.945		
10,300.00	9,360.00	9,354.67	9,351.89	29.64	225.62	-90.000	359.61	3,201.32	1,393.76	1,142.80	250.96	5.554		
10,400.00	9,360.00	9,354.67	9,351.89	31.43	225.62	-90.000	359.61	3,201.32	1,297.09	1,045.90	251.19	5.164		
10,500.00	9,360.00	9,354.67	9,351.89	33.25	225.62	-90.000	359.61	3,201.32	1,200.97	949.47	251.50	4.775		
10,600.00	9,360.00	9,354.67	9,351.89	35.10	225.62	-90.000	359.61	3,201.32	1,105.54	853.63	251.91	4.389		
10,700.00	9,360.00	9,354.67	9,351.89	36.98	225.62	-90.000	359.61	3,201.32	1,010.99	758.54	252.45	4.005		
10,800.00	9,360.00	9,354.67	9,351.89	38.87	225.62	-90.000	359.61	3,201.32	917.60	664.40	253.20	3.624		
10,900.00	9,360.00	9,354.67	9,351.89	40.78	225.62	-90.000	359.61	3,201.32	825.75	571.52	254.23	3.248		
11,000.00	9,360.00	9,354.67	9,351.89	42.71	225.62	-90.000	359.61	3,201.32	736.03	480.38	255.65	2.879		
11,100.00	9,360.00	9,354.67	9,351.89	44.65	225.62	-90.000	359.61	3,201.32	649.33	391.68	257.65	2.520		
11,200.00	9,360.00	9,354.67	9,351.89	46.60	225.62	-90.000	359.61	3,201.32	567.02	306.58	260.44	2.177		
11,300.00	9,360.00	9,354.67	9,351.89	48.56	225.62	-90.000	359.61	3,201.32	491.32	227.06	264.26	1.859	Level 3	
11,400.00	9,360.00	9,354.67	9,351.89	50.53	225.62	-90.000	359.61	3,201.32	425.76	156.55	269.22	1.581	Level 3	
11,500.00	9,360.00	9,354.67	9,351.89	52.50	225.62	-90.000	359.61	3,201.32	375.71	100.84	274.86	1.367	Level 3	
11,600.00	9,360.00	9,354.67	9,351.89	54.49	225.62	-90.000	359.61	3,201.32	347.91	68.22	279.69	1.244	Level 3	
11,650.59	9,360.00	9,354.67	9,351.89	55.50	225.62	-90.000	359.61	3,201.32	344.21	63.09	281.12	1.224	Level 3, CC, ES, SF	
11,700.00	9,360.00	9,354.67	9,351.89	56.48	225.62	-90.000	359.61	3,201.32	347.74	66.12	281.62	1.235	Level 3	
11,800.00	9,360.00	9,354.67	9,351.89	58.47	225.62	-90.000	359.61	3,201.32	375.24	95.10	280.14	1.339	Level 3	
11,900.00	9,360.00	9,354.67	9,351.89	60.47	225.62	-90.000	359.61	3,201.32	425.07	148.34	276.74	1.536	Level 3	
12,000.00	9,360.00	9,354.67	9,351.89	62.48	225.62	-90.000	359.61	3,201.32	490.48	217.48	273.00	1.797	Level 3	
12,100.00	9,360.00	9,354.67	9,351.89	64.49	225.62	-90.000	359.61	3,201.32	566.08	296.40	269.69	2.099		
12,200.00	9,360.00	9,354.67	9,351.89	66.50	225.62	-90.000	359.61	3,201.32	648.33	381.35	266.98	2.428		
12,300.00	9,360.00	9,354.67	9,351.89	68.52	225.62	-90.000	359.61	3,201.32	734.99	470.15	264.84	2.775		
12,400.00	9,360.00	9,354.67	9,351.89	70.54	225.62	-90.000	359.61	3,201.32	824.68	561.53	263.14	3.134		
12,500.00	9,360.00	9,354.67	9,351.89	72.56	225.62	-90.000	359.61	3,201.32	916.50	654.70	261.80	3.501		
12,600.00	9,360.00	9,354.67	9,351.89	74.58	225.62	-90.000	359.61	3,201.32	1,009.88	749.16	260.72	3.873		
12,700.00	9,360.00	9,354.67	9,351.89	76.61	225.62	-90.000	359.61	3,201.32	1,104.42	844.56	259.86	4.250		
12,800.00	9,360.00	9,354.67	9,351.89	78.64	225.62	-90.000	359.61	3,201.32	1,199.84	940.70	259.15	4.630		
12,900.00	9,360.00	9,354.67	9,351.89	80.67	225.62	-90.000	359.61	3,201.32	1,295.96	1,037.39	258.57	5.012		
13,000.00	9,360.00	9,354.67	9,351.89	82.71	225.62	-90.000	359.61	3,201.32	1,392.62	1,134.54	258.08	5.396		
13,100.00	9,360.00	9,354.67	9,351.89	84.74	225.62	-90.000	359.61	3,201.32	1,489.72	1,232.04	257.68	5.781		
13,200.00	9,360.00	9,354.67	9,351.89	86.78	225.62	-90.000	359.61	3,201.32	1,587.18	1,329.84	257.35	6.168		
13,300.00	9,360.00	9,354.67	9,351.89	88.82	225.62	-90.000	359.61	3,201.32	1,684.94	1,427.88	257.06	6.555		
13,400.00	9,360.00	9,354.67	9,351.89	90.86	225.62	-90.000	359.61	3,201.32	1,782.95	1,526.13	256.82	6.942		
13,500.00	9,360.00	9,354.67	9,351.89	92.90	225.62	-90.000	359.61	3,201.32	1,881.17	1,624.55	256.62	7.331		
13,600.00	9,360.00	9,354.67	9,351.89	94.94	225.62	-90.000	359.61	3,201.32	1,979.57	1,723.12	256.45	7.719		

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond Pad Offsets - (W25) PATTERSON 33 FEDERAL 001 - 33411 - (Depth Only)													Offset Site Error: 0.00 usft
Survey Program: 5482-BLIND - TREND													Offset Well Error: 0.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Distance Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	79.216	358.11	1,880.11	1,914.22				
100.00	100.00	65.89	65.89	0.79	6.98	79.216	358.11	1,880.11	1,913.91	1,906.14	7.77	246.315	
200.00	200.00	165.89	165.89	1.45	17.58	79.216	358.11	1,880.11	1,913.91	1,894.88	19.03	100.570	
300.00	300.00	265.89	265.89	1.89	28.18	79.216	358.11	1,880.11	1,913.91	1,883.84	30.08	63.635	
400.00	400.00	365.89	365.89	2.25	38.78	79.216	358.11	1,880.11	1,913.91	1,872.88	41.04	46.637	
500.00	500.00	465.89	465.89	2.57	49.38	79.216	358.11	1,880.11	1,913.91	1,861.96	51.95	36.840	
600.00	600.00	565.89	565.89	2.85	59.98	79.216	358.11	1,880.11	1,913.91	1,851.08	62.83	30.460	
700.00	700.00	665.89	665.89	3.11	70.58	79.216	358.11	1,880.11	1,913.91	1,840.22	73.69	25.972	
800.00	800.00	765.89	765.89	3.35	81.18	79.216	358.11	1,880.11	1,913.91	1,829.38	84.53	22.641	
900.00	900.00	865.89	865.89	3.58	91.78	79.216	358.11	1,880.11	1,913.91	1,818.55	95.36	20.070	
1,000.00	1,000.00	965.89	965.89	3.79	102.38	79.216	358.11	1,880.11	1,913.91	1,807.74	106.17	18.026	
1,100.00	1,100.00	1,065.89	1,065.89	3.99	112.98	79.216	358.11	1,880.11	1,913.91	1,796.94	116.98	16.361	
1,200.00	1,200.00	1,165.89	1,165.89	4.19	123.58	79.216	358.11	1,880.11	1,913.91	1,786.14	127.78	14.979	
1,300.00	1,300.00	1,265.89	1,265.89	4.38	134.18	79.216	358.11	1,880.11	1,913.91	1,775.35	138.56	13.812	
1,400.00	1,400.00	1,365.89	1,365.89	4.56	144.78	79.216	358.11	1,880.11	1,913.91	1,764.57	149.35	12.815	
1,500.00	1,500.00	1,465.89	1,465.89	4.74	155.38	79.216	358.11	1,880.11	1,913.91	1,753.79	160.12	11.953	
1,600.00	1,600.00	1,565.89	1,565.89	4.91	165.98	79.216	358.11	1,880.11	1,913.91	1,743.02	170.90	11.199	
1,700.00	1,700.00	1,665.89	1,665.89	5.08	176.58	79.216	358.11	1,880.11	1,913.91	1,732.25	181.66	10.535	
1,800.00	1,800.00	1,765.89	1,765.89	5.24	187.18	79.216	358.11	1,880.11	1,913.91	1,721.49	192.43	9.946	
1,900.00	1,900.00	1,865.89	1,865.89	5.40	197.78	79.216	358.11	1,880.11	1,913.91	1,710.73	203.19	9.419	
2,000.00	2,000.00	1,965.89	1,965.89	5.56	208.38	79.216	358.11	1,880.11	1,913.91	1,699.97	213.94	8.946	
2,100.00	2,100.00	2,065.89	2,065.89	5.71	218.98	79.216	358.11	1,880.11	1,913.91	1,689.22	224.70	8.518	
2,200.00	2,200.00	2,165.89	2,165.89	5.86	229.58	79.216	358.11	1,880.11	1,913.91	1,678.47	235.45	8.129	
2,300.00	2,300.00	2,265.89	2,265.89	6.01	240.18	79.216	358.11	1,880.11	1,913.91	1,667.72	246.19	7.774	
2,400.00	2,400.00	2,365.89	2,365.89	6.16	250.78	79.216	358.11	1,880.11	1,913.91	1,656.97	256.94	7.449	
2,500.00	2,500.00	2,465.89	2,465.89	6.30	261.38	79.216	358.11	1,880.11	1,913.91	1,646.23	267.68	7.150	
2,600.00	2,600.00	2,565.89	2,565.89	6.44	271.98	79.216	358.11	1,880.11	1,913.91	1,635.49	278.42	6.874	
2,700.00	2,700.00	2,665.89	2,665.89	6.58	282.58	79.216	358.11	1,880.11	1,913.91	1,624.75	289.16	6.619	
2,800.00	2,800.00	2,765.89	2,765.89	6.71	293.18	79.216	358.11	1,880.11	1,913.91	1,614.02	299.90	6.382	
2,900.00	2,900.00	2,865.89	2,865.89	6.85	303.78	79.216	358.11	1,880.11	1,913.91	1,603.28	310.63	6.161	
3,000.00	3,000.00	2,965.89	2,965.89	6.98	314.38	79.216	358.11	1,880.11	1,913.91	1,592.55	321.37	5.956	
3,100.00	3,100.00	3,065.89	3,065.89	7.12	324.98	79.216	358.11	1,880.11	1,913.91	1,581.81	332.10	5.763	
3,200.00	3,200.00	3,165.89	3,165.89	7.25	335.58	79.216	358.11	1,880.11	1,913.91	1,571.08	342.83	5.583	
3,300.00	3,300.00	3,265.89	3,265.89	7.37	346.18	79.216	358.11	1,880.11	1,913.91	1,560.36	353.56	5.413	
3,400.00	3,400.00	3,365.89	3,365.89	7.50	356.78	79.216	358.11	1,880.11	1,913.91	1,549.63	364.29	5.254	
3,500.00	3,500.00	3,465.89	3,465.89	7.63	367.38	79.216	358.11	1,880.11	1,913.91	1,538.90	375.01	5.104	
3,600.00	3,599.98	3,565.87	3,565.87	7.80	377.98	-10.181	358.11	1,880.11	1,912.20	1,526.41	385.79	4.957	
3,700.00	3,699.84	3,665.73	3,665.73	7.98	388.57	-10.227	358.11	1,880.11	1,907.05	1,510.51	396.54	4.809	
3,800.00	3,799.45	3,765.34	3,765.34	8.16	399.13	-10.304	358.11	1,880.11	1,898.47	1,491.19	407.28	4.661	
3,900.00	3,898.70	3,864.59	3,864.59	8.36	409.65	-10.414	358.11	1,880.11	1,886.48	1,468.48	418.00	4.513	
4,000.00	3,997.47	3,963.36	3,963.36	8.59	420.12	-10.557	358.11	1,880.11	1,871.09	1,442.40	428.69	4.365	
4,100.00	4,095.62	4,061.51	4,061.51	8.83	430.52	-10.736	358.11	1,880.11	1,852.33	1,412.99	439.33	4.216	
4,200.00	4,193.08	4,158.97	4,158.97	9.02	440.85	-10.928	358.11	1,880.11	1,830.33	1,380.48	449.85	4.069	
4,300.00	4,290.34	4,256.23	4,256.23	9.26	451.16	-11.068	358.11	1,880.11	1,807.45	1,347.06	460.39	3.926	
4,400.00	4,387.59	4,353.48	4,353.48	9.50	461.47	-11.212	358.11	1,880.11	1,784.58	1,313.64	470.94	3.789	
4,500.00	4,484.84	4,450.73	4,450.73	9.77	471.78	-11.359	358.11	1,880.11	1,761.72	1,280.20	481.51	3.659	
4,600.00	4,582.09	4,547.98	4,547.98	10.05	482.09	-11.510	358.11	1,880.11	1,738.87	1,246.77	492.10	3.534	
4,700.00	4,679.34	4,645.23	4,645.23	10.35	492.39	-11.665	358.11	1,880.11	1,716.03	1,213.33	502.70	3.414	
4,800.00	4,776.59	4,742.48	4,742.48	10.66	502.70	-11.824	358.11	1,880.11	1,693.20	1,179.89	513.32	3.299	
4,900.00	4,873.84	4,839.73	4,839.73	10.99	513.01	-11.987	358.11	1,880.11	1,670.39	1,146.45	523.94	3.188	
5,000.00	4,971.09	4,936.98	4,936.98	11.32	523.32	-12.155	358.11	1,880.11	1,647.59	1,113.01	534.58	3.082	
5,100.00	5,068.34	5,034.23	5,034.23	11.67	533.63	-12.328	358.11	1,880.11	1,624.81	1,079.57	545.23	2.980	

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



Dixon Directional Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond Pad Offsets - (W25) PATTERSON 33 FEDERAL 001 - 33411 - (Depth Only)													Offset Site Error:	0.00 usft
Survey Program:		5482-BLIND - TREND						Rule Assigned:				Offset Well Error:	0.00 usft	
Reference		Offset		Semi Major Axis		Offset Wellbore Centre		Distance		Rule Assigned:		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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
5,200.00	5,165.59	5,131.48	5,131.48	12.03	543.94	-12.506	358.11	1,880.11	1,602.03	1,046.15	555.89	2.882		
5,300.00	5,262.84	5,228.73	5,228.73	12.39	554.25	-12.688	358.11	1,880.11	1,579.28	1,012.72	566.55	2.788		
5,400.00	5,360.09	5,325.98	5,325.98	12.77	564.55	-12.876	358.11	1,880.11	1,556.54	979.31	577.23	2.697		
5,500.00	5,457.34	5,423.23	5,423.23	13.15	574.86	-13.070	358.11	1,880.11	1,533.81	945.90	587.91	2.609		
5,600.00	5,554.59	5,482.00	5,482.00	13.54	581.09	-13.190	358.11	1,880.11	1,511.60	917.24	594.36	2.543		
5,700.00	5,651.84	5,482.00	5,482.00	13.93	581.09	-13.190	358.11	1,880.11	1,494.59	902.00	592.60	2.522 SF		
5,800.00	5,749.09	5,482.00	5,482.00	14.33	581.09	-13.190	358.11	1,880.11	1,484.15	895.93	588.22	2.523 ES		
5,900.00	5,846.35	5,482.00	5,482.00	14.74	581.09	-13.190	358.11	1,880.11	1,480.40	899.22	581.18	2.547		
5,905.57	5,851.76	5,482.00	5,482.00	14.76	581.09	-13.190	358.11	1,880.11	1,480.39	899.68	580.71	2.549 CC		
6,000.00	5,943.60	5,482.00	5,482.00	15.15	581.09	-13.190	358.11	1,880.11	1,483.40	911.86	571.53	2.595		
6,100.00	6,040.85	5,482.00	5,482.00	15.57	581.09	-13.190	358.11	1,880.11	1,493.10	933.66	559.44	2.669		
6,200.00	6,138.10	5,482.00	5,482.00	15.99	581.09	-13.190	358.11	1,880.11	1,509.38	964.22	545.16	2.769		
6,300.00	6,235.35	5,482.00	5,482.00	16.41	581.09	-13.190	358.11	1,880.11	1,532.03	1,003.01	529.02	2.896		
6,400.00	6,332.60	5,482.00	5,482.00	16.84	581.09	-13.190	358.11	1,880.11	1,560.77	1,049.38	511.39	3.052		
6,500.00	6,429.85	5,482.00	5,482.00	17.27	581.09	-13.190	358.11	1,880.11	1,595.27	1,102.62	492.65	3.238		
6,600.00	6,527.10	5,482.00	5,482.00	17.70	581.09	-13.190	358.11	1,880.11	1,635.17	1,161.98	473.19	3.456		
6,700.00	6,624.35	5,482.00	5,482.00	18.14	581.09	-13.190	358.11	1,880.11	1,680.08	1,226.74	453.33	3.706		
6,800.00	6,721.92	5,482.00	5,482.00	18.59	581.09	-13.439	358.11	1,880.11	1,730.81	1,297.24	433.57	3.992		
6,900.00	6,820.20	5,482.00	5,482.00	19.03	581.09	-13.772	358.11	1,880.11	1,788.46	1,374.01	414.45	4.315		
7,000.00	6,919.06	5,482.00	5,482.00	19.46	581.09	-14.173	358.11	1,880.11	1,852.32	1,456.04	396.28	4.674		
7,100.00	7,018.38	5,482.00	5,482.00	19.87	581.09	-14.653	358.11	1,880.11	1,921.70	1,542.42	379.28	5.067		
7,200.00	7,118.05	5,482.00	5,482.00	20.25	581.09	-15.225	358.11	1,880.11	1,995.94	1,632.36	363.58	5.490		

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 1 - (02) Bond 33-34 FED COM 211H - 211H - Plan 3												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IFR1												Offset Well Error:	0.00 usft
Reference	Offset	Semi Major Axis		Distance		Rule Assigned:		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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	0.00	0.00	171.274	-19.74	3.03	20.00				
100.00	100.00	98.99	98.99	0.79	0.78	171.274	-19.74	3.03	19.97	18.41	1.56	12.775	
200.00	200.00	198.99	198.99	1.45	1.44	171.274	-19.74	3.03	19.97	17.09	2.89	6.921	
300.00	300.00	298.99	298.99	1.89	1.89	171.274	-19.74	3.03	19.97	16.19	3.78	5.285	
400.00	400.00	398.99	398.99	2.25	2.25	171.274	-19.74	3.03	19.97	15.47	4.50	4.434	
500.00	500.00	498.99	498.99	2.57	2.56	171.274	-19.74	3.03	19.97	14.84	5.13	3.891	
600.00	600.00	598.99	598.99	2.85	2.85	171.274	-19.74	3.03	19.97	14.27	5.70	3.506	
700.00	700.00	698.99	698.99	3.11	3.11	171.274	-19.74	3.03	19.97	13.76	6.21	3.214	
800.00	800.00	798.99	798.99	3.35	3.35	171.274	-19.74	3.03	19.97	13.28	6.70	2.983	
900.00	900.00	898.99	898.99	3.58	3.57	171.274	-19.74	3.03	19.97	12.82	7.15	2.794	
1,000.00	1,000.00	998.99	998.99	3.79	3.79	171.274	-19.74	3.03	19.97	12.39	7.58	2.636	
1,100.00	1,100.00	1,098.99	1,098.99	3.99	3.99	171.274	-19.74	3.03	19.97	11.98	7.99	2.500	
1,200.00	1,200.00	1,198.99	1,198.99	4.19	4.19	171.274	-19.74	3.03	19.97	11.59	8.38	2.383	
1,300.00	1,300.00	1,298.99	1,298.99	4.38	4.38	171.274	-19.74	3.03	19.97	11.21	8.76	2.280	
1,400.00	1,400.00	1,398.99	1,398.99	4.56	4.56	171.274	-19.74	3.03	19.97	10.85	9.12	2.189	
1,500.00	1,500.00	1,498.99	1,498.99	4.74	4.74	171.274	-19.74	3.03	19.97	10.49	9.48	2.107	
1,600.00	1,600.00	1,598.99	1,598.99	4.91	4.91	171.274	-19.74	3.03	19.97	10.15	9.82	2.033	
1,700.00	1,700.00	1,698.99	1,698.99	5.08	5.08	171.274	-19.74	3.03	19.97	9.81	10.16	1.966	Level 3
1,800.00	1,800.00	1,798.99	1,798.99	5.24	5.24	171.274	-19.74	3.03	19.97	9.49	10.48	1.905	Level 3
1,900.00	1,900.00	1,898.99	1,898.99	5.40	5.40	171.274	-19.74	3.03	19.97	9.17	10.80	1.849	Level 3
2,000.00	2,000.00	1,998.99	1,998.99	5.56	5.56	171.274	-19.74	3.03	19.97	8.86	11.12	1.797	Level 3, CC, ES, SF
2,100.00	2,100.00	2,098.32	2,098.30	5.71	5.77	169.602	-21.19	3.89	21.56	10.08	11.47	1.879	Level 3
2,200.00	2,200.00	2,197.40	2,197.24	5.86	5.98	165.768	-25.59	6.49	26.46	14.65	11.81	2.240	
2,300.00	2,300.00	2,296.01	2,295.48	6.01	6.20	161.808	-32.89	10.81	34.80	22.64	12.16	2.862	
2,400.00	2,400.00	2,393.92	2,392.68	6.16	6.45	158.670	-43.01	16.80	46.61	34.09	12.52	3.724	
2,500.00	2,500.00	2,490.92	2,488.52	6.30	6.70	156.409	-55.86	24.39	61.84	48.96	12.88	4.801	
2,600.00	2,600.00	2,586.79	2,582.70	6.44	6.98	154.817	-71.28	33.52	80.44	67.18	13.25	6.069	
2,700.00	2,700.00	2,681.35	2,674.95	6.58	7.27	153.687	-89.15	44.09	102.32	88.68	13.64	7.504	
2,800.00	2,800.00	2,774.42	2,765.03	6.71	7.58	152.870	-109.29	56.00	127.41	113.38	14.02	9.085	
2,900.00	2,900.00	2,865.85	2,852.72	6.85	7.90	152.267	-131.51	69.14	155.61	141.19	14.42	10.792	
3,000.00	3,000.00	2,956.66	2,939.00	6.98	8.17	151.807	-155.90	83.57	186.78	172.00	14.78	12.641	
3,100.00	3,100.00	3,051.35	3,028.66	7.12	8.47	151.453	-182.10	99.06	218.90	203.68	15.22	14.378	
3,200.00	3,200.00	3,146.04	3,118.33	7.25	8.79	151.190	-208.30	114.56	251.03	235.33	15.71	15.983	
3,300.00	3,300.00	3,240.74	3,208.00	7.37	9.13	150.986	-234.49	130.06	283.16	266.96	16.20	17.477	
3,400.00	3,400.00	3,335.43	3,297.67	7.50	9.48	150.824	-260.69	145.55	315.30	298.59	16.71	18.868	
3,500.00	3,500.00	3,430.12	3,387.33	7.63	9.84	150.692	-286.89	161.05	347.44	330.20	17.23	20.163	
3,600.00	3,599.98	3,525.08	3,477.25	7.80	10.21	60.867	-313.16	176.59	378.77	361.01	17.76	21.325	
3,700.00	3,699.84	3,620.47	3,567.58	7.98	10.60	60.885	-339.56	192.20	408.51	390.22	18.29	22.334	
3,800.00	3,799.45	3,716.20	3,658.23	8.16	11.00	61.275	-366.04	207.87	436.69	417.86	18.83	23.188	
3,900.00	3,898.70	3,812.14	3,749.08	8.36	11.40	61.973	-392.59	223.57	463.40	444.02	19.38	23.907	
4,000.00	3,997.47	3,908.18	3,840.02	8.59	11.81	62.935	-419.16	239.28	488.76	468.82	19.94	24.510	
4,100.00	4,095.62	4,004.19	3,930.93	8.83	12.23	64.127	-445.72	255.00	512.91	492.41	20.50	25.019	
4,200.00	4,193.08	4,100.07	4,021.73	9.02	12.66	65.624	-472.25	270.69	536.09	515.08	21.02	25.510	
4,300.00	4,290.34	4,195.90	4,112.47	9.26	13.08	67.376	-498.76	286.37	559.41	537.83	21.57	25.929	
4,400.00	4,387.59	4,291.73	4,203.22	9.50	13.52	68.990	-525.28	302.05	583.19	561.05	22.13	26.349	
4,500.00	4,484.84	4,387.56	4,293.96	9.77	13.96	70.480	-551.79	317.74	607.38	584.69	22.69	26.763	
4,600.00	4,582.09	4,483.39	4,384.70	10.05	14.40	71.858	-578.31	333.42	631.94	608.68	23.26	27.169	
4,700.00	4,679.34	4,579.23	4,475.45	10.35	14.84	73.134	-604.82	349.10	656.82	633.00	23.83	27.566	
4,800.00	4,776.59	4,675.06	4,566.19	10.66	15.29	74.318	-631.33	364.78	682.00	657.60	24.40	27.953	
4,900.00	4,873.84	4,770.89	4,656.94	10.99	15.75	75.419	-657.85	380.47	707.43	682.46	24.97	28.330	
5,000.00	4,971.09	4,866.72	4,747.68	11.32	16.20	76.445	-684.36	396.15	733.09	707.55	25.55	28.696	
5,100.00	5,068.34	4,962.55	4,838.43	11.67	16.66	77.402	-710.88	411.83	758.97	732.84	26.13	29.050	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 1 - (02) Bond 33-34 FED COM 211H - 211H - Plan 3													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		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 Centres (usft)	Between Ellipses (usft)			
5,200.00	5,165.59	5,058.38	4,929.17	12.03	17.12	78.297	-737.39	427.51	785.03	758.32	26.71	29.393	
5,300.00	5,262.84	5,154.21	5,019.92	12.39	17.58	79.134	-763.90	443.20	811.25	783.96	27.29	29.724	
5,400.00	5,360.09	5,250.04	5,110.66	12.77	18.04	79.920	-790.42	458.88	837.64	809.76	27.88	30.044	
5,500.00	5,457.34	5,345.87	5,201.40	13.15	18.51	80.659	-816.93	474.56	864.16	835.69	28.47	30.352	
5,600.00	5,554.59	5,441.70	5,292.15	13.54	18.97	81.353	-843.44	490.25	890.81	861.74	29.06	30.649	
5,700.00	5,651.84	5,537.53	5,382.89	13.93	19.44	82.008	-869.96	505.93	917.57	887.91	29.66	30.935	
5,800.00	5,749.09	5,633.36	5,473.64	14.33	19.91	82.626	-896.47	521.61	944.44	914.18	30.26	31.210	
5,900.00	5,846.35	5,729.19	5,564.38	14.74	20.38	83.210	-922.99	537.29	971.41	940.55	30.86	31.475	
6,000.00	5,943.60	5,825.02	5,655.13	15.15	20.86	83.763	-949.50	552.98	998.47	967.00	31.47	31.729	
6,100.00	6,040.85	5,920.85	5,745.87	15.57	21.33	84.287	-976.01	568.66	1,025.61	993.53	32.08	31.974	
6,200.00	6,138.10	6,016.68	5,836.61	15.99	21.81	84.784	-1,002.53	584.34	1,052.82	1,020.14	32.69	32.209	
6,300.00	6,235.35	6,112.51	5,927.36	16.41	22.28	85.256	-1,029.04	600.02	1,080.11	1,046.81	33.30	32.435	
6,400.00	6,332.60	6,208.34	6,018.10	16.84	22.76	85.705	-1,055.56	615.71	1,107.46	1,073.54	33.92	32.652	
6,500.00	6,429.85	6,304.17	6,108.85	17.27	23.24	86.132	-1,082.07	631.39	1,134.87	1,100.34	34.54	32.861	
6,600.00	6,527.10	6,400.00	6,199.59	17.70	23.72	86.539	-1,108.58	647.07	1,162.34	1,127.18	35.16	33.062	
6,700.00	6,624.35	6,495.83	6,290.34	18.14	24.20	86.928	-1,135.10	662.76	1,189.86	1,154.07	35.79	33.248	
6,800.00	6,721.92	6,593.00	6,382.35	18.59	24.68	87.756	-1,161.98	678.66	1,217.49	1,181.08	36.41	33.437	
6,900.00	6,820.20	6,747.01	6,529.49	19.03	25.48	88.577	-1,201.04	701.76	1,242.93	1,205.55	37.38	33.252	
7,000.00	6,919.06	6,904.38	6,682.15	19.46	26.26	89.226	-1,233.87	721.18	1,263.89	1,225.66	38.23	33.062	
7,100.00	7,018.38	7,064.54	6,839.43	19.87	27.01	89.714	-1,259.83	736.53	1,280.19	1,241.24	38.95	32.869	
7,200.00	7,118.05	7,226.84	7,000.27	20.25	27.72	90.049	-1,278.37	747.50	1,291.68	1,252.16	39.53	32.679	
7,300.00	7,217.94	7,390.56	7,163.50	20.58	28.35	90.238	-1,289.10	753.85	1,298.29	1,258.35	39.94	32.507	
7,400.00	7,317.93	7,544.04	7,316.92	20.72	28.71	179.666	-1,291.90	755.50	1,300.00	1,259.93	40.07	32.442	
7,500.00	7,417.93	7,644.04	7,416.92	20.78	28.73	179.666	-1,291.90	755.50	1,300.00	1,259.82	40.18	32.352	
7,600.00	7,517.93	7,744.04	7,516.92	20.82	28.75	179.666	-1,291.90	755.50	1,300.00	1,259.72	40.28	32.271	
7,700.00	7,617.93	7,844.04	7,616.92	20.87	28.77	179.666	-1,291.90	755.50	1,300.00	1,259.62	40.39	32.190	
7,800.00	7,717.93	7,944.04	7,716.92	20.92	28.79	179.666	-1,291.90	755.50	1,300.00	1,259.51	40.49	32.109	
7,900.00	7,817.93	8,044.04	7,816.92	20.97	28.81	179.666	-1,291.90	755.50	1,300.00	1,259.41	40.59	32.028	
8,000.00	7,917.93	8,144.04	7,916.92	21.01	28.83	179.666	-1,291.90	755.50	1,300.00	1,259.31	40.69	31.948	
8,100.00	8,017.93	8,244.04	8,016.92	21.06	28.85	179.666	-1,291.90	755.50	1,300.00	1,259.21	40.79	31.868	
8,200.00	8,117.93	8,344.04	8,116.92	21.11	28.87	179.666	-1,291.90	755.50	1,300.00	1,259.11	40.90	31.788	
8,300.00	8,217.93	8,444.04	8,216.92	21.16	28.90	179.666	-1,291.90	755.50	1,300.00	1,259.00	41.00	31.708	
8,400.00	8,317.93	8,544.04	8,316.92	21.21	28.92	179.666	-1,291.90	755.50	1,300.00	1,258.90	41.10	31.628	
8,500.00	8,417.93	8,644.04	8,416.92	21.26	28.94	179.666	-1,291.90	755.50	1,300.00	1,258.80	41.21	31.549	
8,600.00	8,517.93	8,744.04	8,516.92	21.31	28.96	179.666	-1,291.90	755.50	1,300.00	1,258.69	41.31	31.469	
8,700.00	8,617.93	8,844.04	8,616.92	21.35	28.99	179.666	-1,291.90	755.50	1,300.00	1,258.59	41.41	31.390	
8,800.00	8,717.93	8,944.04	8,716.92	21.40	29.01	179.666	-1,291.90	755.50	1,300.00	1,258.48	41.52	31.311	
8,900.00	8,817.91	9,043.85	8,816.71	21.48	29.05	89.839	-1,291.90	756.27	1,300.00	1,258.39	41.62	31.238	
9,000.00	8,916.79	9,143.23	8,915.03	21.94	29.28	89.851	-1,291.86	769.98	1,300.00	1,258.22	41.78	31.117	
9,037.38	8,952.90	9,180.40	8,950.95	22.14	29.38	89.856	-1,291.83	779.45	1,300.00	1,258.11	41.89	31.033	
9,100.00	9,011.73	9,242.68	9,009.55	22.47	29.56	89.867	-1,291.77	800.47	1,300.00	1,257.91	42.09	30.883	
9,125.73	9,035.17	9,268.28	9,032.91	22.61	29.63	89.872	-1,291.74	810.94	1,300.00	1,257.78	42.22	30.791	
9,200.00	9,099.84	9,342.19	9,097.44	23.01	29.85	89.887	-1,291.63	846.87	1,300.00	1,257.39	42.61	30.512	
9,225.47	9,120.86	9,367.55	9,118.45	23.14	29.93	89.893	-1,291.59	861.07	1,300.00	1,257.21	42.79	30.381	
9,300.00	9,178.45	9,441.79	9,176.06	23.52	30.16	89.911	-1,291.45	907.81	1,300.00	1,256.64	43.36	29.983	
9,326.67	9,197.49	9,468.37	9,195.15	23.64	30.24	89.918	-1,291.39	926.31	1,300.00	1,256.37	43.63	29.798	
9,400.00	9,245.16	9,541.49	9,243.01	23.97	30.46	89.937	-1,291.23	981.52	1,300.00	1,255.59	44.41	29.276	
9,428.38	9,261.63	9,569.80	9,259.59	24.08	30.55	89.945	-1,291.16	1,004.46	1,300.00	1,255.21	44.79	29.027	
9,500.00	9,297.95	9,641.29	9,296.24	24.35	30.78	89.965	-1,290.98	1,065.79	1,300.00	1,254.20	45.79	28.389	
9,531.19	9,311.31	9,672.44	9,309.76	24.43	30.89	89.974	-1,290.89	1,093.85	1,300.00	1,253.68	46.32	28.065	
9,600.00	9,335.22	9,741.21	9,334.09	24.62	31.14	89.995	-1,290.70	1,158.12	1,300.00	1,252.46	47.54	27.348	
9,610.36	9,338.15	9,751.57	9,337.08	24.64	31.18	89.998	-1,290.67	1,168.04	1,300.00	1,252.26	47.74	27.231	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 1 - (02) Bond 33-34 FED COM 211H - 211H - Plan 3												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IFR1												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		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 Centres (usft)	Between Ellipses (usft)			
9,700.00	9,355.84	9,841.24	9,355.37	24.78	31.56	90.024	-1,290.41	1,255.74	1,300.00	1,250.40	49.60	26.210	
9,758.28	9,360.81	9,899.56	9,359.81	24.81	31.84	90.001	-1,290.24	1,313.86	1,300.00	1,249.07	50.93	25.526	
9,800.00	9,360.00	9,941.34	9,360.00	24.83	32.07	90.045	-1,290.11	1,355.64	1,300.00	1,248.09	51.91	25.045	
9,800.00	9,360.00	9,941.34	9,360.00	24.83	32.07	90.045	-1,290.11	1,355.64	1,300.00	1,248.09	51.91	25.045	
9,900.00	9,360.00	10,041.34	9,360.00	24.86	32.73	90.045	-1,289.81	1,455.64	1,300.00	1,245.57	54.43	23.885	
9,900.00	9,360.00	10,041.34	9,360.00	24.86	32.73	90.045	-1,289.81	1,455.64	1,300.00	1,245.57	54.43	23.885	
10,000.00	9,360.00	10,141.34	9,360.00	24.94	33.54	90.045	-1,289.52	1,555.64	1,300.00	1,242.87	57.13	22.755	
10,000.00	9,360.00	10,141.34	9,360.00	24.94	33.54	90.045	-1,289.52	1,555.64	1,300.00	1,242.87	57.13	22.755	
10,100.00	9,360.00	10,241.34	9,360.00	26.19	34.50	90.045	-1,289.22	1,655.64	1,300.00	1,240.01	59.99	21.671	
10,100.00	9,360.00	10,241.34	9,360.00	26.19	34.50	90.045	-1,289.22	1,655.64	1,300.00	1,240.01	59.99	21.671	
10,200.00	9,360.00	10,341.34	9,360.00	27.89	35.59	90.045	-1,288.92	1,755.64	1,300.00	1,237.01	62.98	20.640	
10,200.00	9,360.00	10,341.34	9,360.00	27.89	35.59	90.045	-1,288.92	1,755.64	1,300.00	1,237.01	62.98	20.640	
10,300.00	9,360.00	10,441.34	9,360.00	29.64	36.81	90.045	-1,288.62	1,855.64	1,300.00	1,233.90	66.10	19.667	
10,300.00	9,360.00	10,441.34	9,360.00	29.64	36.81	90.045	-1,288.62	1,855.64	1,300.00	1,233.90	66.10	19.667	
10,400.00	9,360.00	10,541.34	9,360.00	31.43	38.13	90.045	-1,288.32	1,955.64	1,300.00	1,230.68	69.32	18.755	
10,400.00	9,360.00	10,541.34	9,360.00	31.43	38.13	90.045	-1,288.32	1,955.64	1,300.00	1,230.68	69.32	18.755	
10,500.00	9,360.00	10,641.34	9,360.00	33.25	39.54	90.045	-1,288.02	2,055.64	1,300.00	1,227.37	72.62	17.901	
10,500.00	9,360.00	10,641.34	9,360.00	33.25	39.54	90.045	-1,288.02	2,055.64	1,300.00	1,227.37	72.62	17.901	
10,600.00	9,360.00	10,741.34	9,360.00	35.10	41.01	90.045	-1,287.73	2,155.64	1,300.00	1,223.99	76.01	17.103	
10,600.00	9,360.00	10,741.34	9,360.00	35.10	41.01	90.045	-1,287.73	2,155.64	1,300.00	1,223.99	76.01	17.103	
10,700.00	9,360.00	10,841.34	9,360.00	36.98	42.56	90.045	-1,287.43	2,255.64	1,300.00	1,220.54	79.46	16.360	
10,700.00	9,360.00	10,841.34	9,360.00	36.98	42.56	90.045	-1,287.43	2,255.64	1,300.00	1,220.54	79.46	16.360	
10,800.00	9,360.00	10,941.34	9,360.00	38.87	44.15	90.045	-1,287.13	2,355.64	1,300.00	1,217.02	82.98	15.667	
10,800.00	9,360.00	10,941.34	9,360.00	38.87	44.15	90.045	-1,287.13	2,355.64	1,300.00	1,217.02	82.98	15.667	
10,900.00	9,360.00	11,041.34	9,360.00	40.78	45.79	90.045	-1,286.83	2,455.64	1,300.00	1,213.45	86.54	15.021	
10,900.00	9,360.00	11,041.34	9,360.00	40.78	45.79	90.045	-1,286.83	2,455.64	1,300.00	1,213.45	86.54	15.021	
11,000.00	9,360.00	11,141.34	9,360.00	42.71	47.47	90.045	-1,286.53	2,555.64	1,300.00	1,209.84	90.16	14.419	
11,000.00	9,360.00	11,141.34	9,360.00	42.71	47.47	90.045	-1,286.53	2,555.64	1,300.00	1,209.84	90.16	14.419	
11,100.00	9,360.00	11,241.34	9,360.00	44.65	49.18	90.045	-1,286.24	2,655.64	1,300.00	1,206.18	93.81	13.857	
11,100.00	9,360.00	11,241.34	9,360.00	44.65	49.18	90.045	-1,286.24	2,655.64	1,300.00	1,206.18	93.81	13.857	
11,200.00	9,360.00	11,341.34	9,360.00	46.60	50.92	90.045	-1,285.94	2,755.64	1,300.00	1,202.49	97.51	13.332	
11,200.00	9,360.00	11,341.34	9,360.00	46.60	50.92	90.045	-1,285.94	2,755.64	1,300.00	1,202.49	97.51	13.332	
11,300.00	9,360.00	11,441.34	9,360.00	48.56	52.69	90.045	-1,285.64	2,855.63	1,300.00	1,198.76	101.24	12.841	
11,300.00	9,360.00	11,441.34	9,360.00	48.56	52.69	90.045	-1,285.64	2,855.63	1,300.00	1,198.76	101.24	12.841	
11,400.00	9,360.00	11,541.34	9,360.00	50.53	54.48	90.045	-1,285.34	2,955.63	1,300.00	1,195.00	105.00	12.382	
11,400.00	9,360.00	11,541.34	9,360.00	50.53	54.48	90.045	-1,285.34	2,955.63	1,300.00	1,195.00	105.00	12.382	
11,500.00	9,360.00	11,641.34	9,360.00	52.50	56.29	90.045	-1,285.04	3,055.63	1,300.00	1,191.22	108.78	11.951	
11,500.00	9,360.00	11,641.34	9,360.00	52.50	56.29	90.045	-1,285.04	3,055.63	1,300.00	1,191.22	108.78	11.951	
11,600.00	9,360.00	11,741.34	9,360.00	54.49	58.11	90.045	-1,284.74	3,155.63	1,300.00	1,187.41	112.59	11.546	
11,600.00	9,360.00	11,741.34	9,360.00	54.49	58.11	90.045	-1,284.74	3,155.63	1,300.00	1,187.41	112.59	11.546	
11,700.00	9,360.00	11,841.34	9,360.00	56.48	59.96	90.045	-1,284.45	3,255.63	1,300.00	1,183.58	116.42	11.166	
11,700.00	9,360.00	11,841.34	9,360.00	56.48	59.96	90.045	-1,284.45	3,255.63	1,300.00	1,183.58	116.42	11.166	
11,800.00	9,360.00	11,941.34	9,360.00	58.47	61.82	90.045	-1,284.15	3,355.63	1,300.00	1,179.73	120.27	10.809	
11,800.00	9,360.00	11,941.34	9,360.00	58.47	61.82	90.045	-1,284.15	3,355.63	1,300.00	1,179.73	120.27	10.809	
11,900.00	9,360.00	12,041.34	9,360.00	60.47	63.69	90.045	-1,283.85	3,455.63	1,300.00	1,175.86	124.14	10.472	
11,900.00	9,360.00	12,041.34	9,360.00	60.47	63.69	90.045	-1,283.85	3,455.63	1,300.00	1,175.86	124.14	10.472	
12,000.00	9,360.00	12,141.34	9,360.00	62.48	65.58	90.045	-1,283.55	3,555.63	1,300.00	1,171.97	128.03	10.154	
12,000.00	9,360.00	12,141.34	9,360.00	62.48	65.58	90.045	-1,283.55	3,555.63	1,300.00	1,171.97	128.03	10.154	
12,100.00	9,360.00	12,241.34	9,360.00	64.49	67.47	90.045	-1,283.25	3,655.63	1,300.00	1,168.07	131.93	9.854	
12,100.00	9,360.00	12,241.34	9,360.00	64.49	67.47	90.045	-1,283.25	3,655.63	1,300.00	1,168.07	131.93	9.854	
12,200.00	9,360.00	12,341.34	9,360.00	66.50	69.38	90.045	-1,282.96	3,755.63	1,300.00	1,164.15	135.84	9.570	
12,200.00	9,360.00	12,341.34	9,360.00	66.50	69.38	90.045	-1,282.96	3,755.63	1,300.00	1,164.15	135.84	9.570	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 1 - (02) Bond 33-34 FED COM 211H - 211H - Plan 3													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		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 Centres (usft)	Between Ellipses (usft)			
12,300.00	9,360.00	12,441.34	9,360.00	68.52	71.29	90.045	-1,282.66	3,855.63	1,300.00	1,160.23	139.77	9.301	
12,300.00	9,360.00	12,441.34	9,360.00	68.52	71.29	90.045	-1,282.66	3,855.63	1,300.00	1,160.23	139.77	9.301	
12,400.00	9,360.00	12,541.34	9,360.00	70.54	73.22	90.045	-1,282.36	3,955.63	1,300.00	1,156.29	143.71	9.046	
12,400.00	9,360.00	12,541.34	9,360.00	70.54	73.22	90.045	-1,282.36	3,955.63	1,300.00	1,156.29	143.71	9.046	
12,500.00	9,360.00	12,641.34	9,360.00	72.56	75.15	90.045	-1,282.06	4,055.63	1,300.00	1,152.34	147.66	8.804	
12,500.00	9,360.00	12,641.34	9,360.00	72.56	75.15	90.045	-1,282.06	4,055.63	1,300.00	1,152.34	147.66	8.804	
12,600.00	9,360.00	12,741.34	9,360.00	74.58	77.09	90.045	-1,281.76	4,155.63	1,300.00	1,148.38	151.62	8.574	
12,600.00	9,360.00	12,741.34	9,360.00	74.58	77.09	90.045	-1,281.76	4,155.63	1,300.00	1,148.38	151.62	8.574	
12,700.00	9,360.00	12,841.34	9,360.00	76.61	79.03	90.045	-1,281.46	4,255.63	1,300.00	1,144.41	155.59	8.355	
12,700.00	9,360.00	12,841.34	9,360.00	76.61	79.03	90.045	-1,281.46	4,255.63	1,300.00	1,144.41	155.59	8.355	
12,800.00	9,360.00	12,941.34	9,360.00	78.64	80.98	90.045	-1,281.17	4,355.63	1,300.00	1,140.43	159.57	8.147	
12,800.00	9,360.00	12,941.34	9,360.00	78.64	80.98	90.045	-1,281.17	4,355.63	1,300.00	1,140.43	159.57	8.147	
12,900.00	9,360.00	13,041.34	9,360.00	80.67	82.94	90.045	-1,280.87	4,455.63	1,300.00	1,136.44	163.56	7.948	
12,900.00	9,360.00	13,041.34	9,360.00	80.67	82.94	90.045	-1,280.87	4,455.63	1,300.00	1,136.44	163.56	7.948	
13,000.00	9,360.00	13,141.34	9,360.00	82.71	84.90	90.045	-1,280.57	4,555.63	1,300.00	1,132.45	167.55	7.759	
13,000.00	9,360.00	13,141.34	9,360.00	82.71	84.90	90.045	-1,280.57	4,555.63	1,300.00	1,132.45	167.55	7.759	
13,100.00	9,360.00	13,241.34	9,360.00	84.74	86.87	90.045	-1,280.27	4,655.63	1,300.00	1,128.45	171.55	7.578	
13,100.00	9,360.00	13,241.34	9,360.00	84.74	86.87	90.045	-1,280.27	4,655.63	1,300.00	1,128.45	171.55	7.578	
13,200.00	9,360.00	13,341.34	9,360.00	86.78	88.84	90.045	-1,279.97	4,755.63	1,300.00	1,124.43	175.56	7.405	
13,200.00	9,360.00	13,341.34	9,360.00	86.78	88.84	90.045	-1,279.97	4,755.63	1,300.00	1,124.43	175.56	7.405	
13,300.00	9,360.00	13,441.34	9,360.00	88.82	90.82	90.045	-1,279.68	4,855.63	1,300.00	1,120.43	179.57	7.240	
13,300.00	9,360.00	13,441.34	9,360.00	88.82	90.82	90.045	-1,279.68	4,855.63	1,300.00	1,120.43	179.57	7.240	
13,400.00	9,360.00	13,541.34	9,360.00	90.86	92.80	90.045	-1,279.38	4,955.63	1,300.00	1,116.41	183.59	7.081	
13,400.00	9,360.00	13,541.34	9,360.00	90.86	92.80	90.045	-1,279.38	4,955.63	1,300.00	1,116.41	183.59	7.081	
13,500.00	9,360.00	13,641.34	9,360.00	92.90	94.78	90.045	-1,279.08	5,055.63	1,300.00	1,112.39	187.61	6.929	
13,500.00	9,360.00	13,641.34	9,360.00	92.90	94.78	90.045	-1,279.08	5,055.63	1,300.00	1,112.39	187.61	6.929	
13,600.00	9,360.00	13,741.34	9,360.00	94.94	96.77	90.045	-1,278.78	5,155.62	1,300.00	1,108.36	191.64	6.784	
13,600.00	9,360.00	13,741.34	9,360.00	94.94	96.77	90.045	-1,278.78	5,155.62	1,300.00	1,108.36	191.64	6.784	
13,700.00	9,360.00	13,841.34	9,360.00	96.98	98.76	90.045	-1,278.48	5,255.62	1,300.00	1,104.33	195.67	6.644	
13,700.00	9,360.00	13,841.34	9,360.00	96.98	98.76	90.045	-1,278.48	5,255.62	1,300.00	1,104.33	195.67	6.644	
13,800.00	9,360.00	13,941.34	9,360.00	99.03	100.75	90.045	-1,278.18	5,355.62	1,300.00	1,100.29	199.71	6.509	
13,800.00	9,360.00	13,941.34	9,360.00	99.03	100.75	90.045	-1,278.18	5,355.62	1,300.00	1,100.29	199.71	6.509	
13,900.00	9,360.00	14,041.34	9,360.00	101.07	102.75	90.045	-1,277.89	5,455.62	1,300.00	1,096.25	203.75	6.380	
13,900.00	9,360.00	14,041.34	9,360.00	101.07	102.75	90.045	-1,277.89	5,455.62	1,300.00	1,096.25	203.75	6.380	
14,000.00	9,360.00	14,141.34	9,360.00	103.12	104.75	90.045	-1,277.59	5,555.62	1,300.00	1,092.20	207.80	6.256	
14,000.00	9,360.00	14,141.34	9,360.00	103.12	104.75	90.045	-1,277.59	5,555.62	1,300.00	1,092.20	207.80	6.256	
14,100.00	9,360.00	14,241.34	9,360.00	105.17	106.75	90.045	-1,277.29	5,655.62	1,300.00	1,088.15	211.85	6.137	
14,100.00	9,360.00	14,241.34	9,360.00	105.17	106.75	90.045	-1,277.29	5,655.62	1,300.00	1,088.15	211.85	6.137	
14,200.00	9,360.00	14,341.34	9,360.00	107.21	108.76	90.045	-1,276.99	5,755.62	1,300.00	1,084.10	215.90	6.021	
14,200.00	9,360.00	14,341.34	9,360.00	107.21	108.76	90.045	-1,276.99	5,755.62	1,300.00	1,084.10	215.90	6.021	
14,300.00	9,360.00	14,441.34	9,360.00	109.26	110.76	90.045	-1,276.69	5,855.62	1,300.00	1,080.04	219.95	5.910	
14,300.00	9,360.00	14,441.34	9,360.00	109.26	110.76	90.045	-1,276.69	5,855.62	1,300.00	1,080.04	219.95	5.910	
14,400.00	9,360.00	14,541.34	9,360.00	111.31	112.77	90.045	-1,276.40	5,955.62	1,300.00	1,075.99	224.01	5.803	
14,400.00	9,360.00	14,541.34	9,360.00	111.31	112.77	90.045	-1,276.40	5,955.62	1,300.00	1,075.99	224.01	5.803	
14,500.00	9,360.00	14,641.34	9,360.00	113.36	114.78	90.045	-1,276.10	6,055.62	1,300.00	1,071.92	228.07	5.700	
14,500.00	9,360.00	14,641.34	9,360.00	113.36	114.78	90.045	-1,276.10	6,055.62	1,300.00	1,071.92	228.07	5.700	
14,600.00	9,360.00	14,741.34	9,360.00	115.42	116.80	90.045	-1,275.80	6,155.62	1,300.00	1,067.86	232.14	5.600	
14,600.00	9,360.00	14,741.34	9,360.00	115.42	116.80	90.045	-1,275.80	6,155.62	1,300.00	1,067.86	232.14	5.600	
14,700.00	9,360.00	14,841.34	9,360.00	117.47	118.81	90.045	-1,275.50	6,255.62	1,300.00	1,063.79	236.21	5.504	
14,700.00	9,360.00	14,841.34	9,360.00	117.47	118.81	90.045	-1,275.50	6,255.62	1,300.00	1,063.79	236.21	5.504	
14,800.00	9,360.00	14,941.34	9,360.00	119.52	120.83	90.045	-1,275.20	6,355.62	1,300.00	1,059.72	240.27	5.410	
14,800.00	9,360.00	14,941.34	9,360.00	119.52	120.83	90.045	-1,275.20	6,355.62	1,300.00	1,059.72	240.27	5.410	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 1 - (02) Bond 33-34 FED COM 211H - 211H - Plan 3												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IFR1												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		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 Centres (usft)	Between Ellipses (usft)			
14,900.00	9,360.00	15,041.34	9,360.00	121.57	122.85	90.045	-1,274.90	6,455.62	1,300.00	1,055.65	244.35	5.320	
14,900.00	9,360.00	15,041.34	9,360.00	121.57	122.85	90.045	-1,274.90	6,455.62	1,300.00	1,055.65	244.35	5.320	
15,000.00	9,360.00	15,141.34	9,360.00	123.63	124.87	90.045	-1,274.61	6,555.62	1,300.00	1,051.58	248.42	5.233	
15,000.00	9,360.00	15,141.34	9,360.00	123.63	124.87	90.045	-1,274.61	6,555.62	1,300.00	1,051.58	248.42	5.233	
15,100.00	9,360.00	15,241.34	9,360.00	125.68	126.89	90.045	-1,274.31	6,655.62	1,300.00	1,047.50	252.50	5.149	
15,100.00	9,360.00	15,241.34	9,360.00	125.68	126.89	90.045	-1,274.31	6,655.62	1,300.00	1,047.50	252.50	5.149	
15,200.00	9,360.00	15,341.34	9,360.00	127.74	128.92	90.045	-1,274.01	6,755.62	1,300.00	1,043.42	256.57	5.067	
15,200.00	9,360.00	15,341.34	9,360.00	127.74	128.92	90.045	-1,274.01	6,755.62	1,300.00	1,043.42	256.57	5.067	
15,300.00	9,360.00	15,441.34	9,360.00	129.79	130.94	90.045	-1,273.71	6,855.62	1,300.00	1,039.34	260.65	4.987	
15,300.00	9,360.00	15,441.34	9,360.00	129.79	130.94	90.045	-1,273.71	6,855.62	1,300.00	1,039.34	260.65	4.987	
15,400.00	9,360.00	15,541.34	9,360.00	131.85	132.97	90.045	-1,273.41	6,955.62	1,300.00	1,035.26	264.74	4.911	
15,400.00	9,360.00	15,541.34	9,360.00	131.85	132.97	90.045	-1,273.41	6,955.62	1,300.00	1,035.26	264.74	4.911	
15,500.00	9,360.00	15,641.34	9,360.00	133.90	134.99	90.045	-1,273.12	7,055.62	1,300.00	1,031.18	268.82	4.836	
15,500.00	9,360.00	15,641.34	9,360.00	133.90	134.99	90.045	-1,273.12	7,055.62	1,300.00	1,031.18	268.82	4.836	
15,600.00	9,360.00	15,741.34	9,360.00	135.96	137.02	90.045	-1,272.82	7,155.62	1,300.00	1,027.09	272.90	4.764	
15,600.00	9,360.00	15,741.34	9,360.00	135.96	137.02	90.045	-1,272.82	7,155.62	1,300.00	1,027.09	272.90	4.764	
15,700.00	9,360.00	15,841.34	9,360.00	138.02	139.05	90.045	-1,272.52	7,255.62	1,300.00	1,023.01	276.99	4.693	
15,700.00	9,360.00	15,841.34	9,360.00	138.02	139.05	90.045	-1,272.52	7,255.62	1,300.00	1,023.01	276.99	4.693	
15,800.00	9,360.00	15,941.34	9,360.00	140.07	141.08	90.045	-1,272.22	7,355.61	1,300.00	1,018.92	281.08	4.625	
15,800.00	9,360.00	15,941.34	9,360.00	140.07	141.08	90.045	-1,272.22	7,355.61	1,300.00	1,018.92	281.08	4.625	
15,900.00	9,360.00	16,041.34	9,360.00	142.13	143.12	90.045	-1,271.92	7,455.61	1,300.00	1,014.83	285.17	4.559	
15,900.00	9,360.00	16,041.34	9,360.00	142.13	143.12	90.045	-1,271.92	7,455.61	1,300.00	1,014.83	285.17	4.559	
16,000.00	9,360.00	16,141.34	9,360.00	144.19	145.15	90.045	-1,271.62	7,555.61	1,300.00	1,010.74	289.26	4.494	
16,000.00	9,360.00	16,141.34	9,360.00	144.19	145.15	90.045	-1,271.62	7,555.61	1,300.00	1,010.74	289.26	4.494	
16,100.00	9,360.00	16,241.34	9,360.00	146.25	147.18	90.045	-1,271.33	7,655.61	1,300.00	1,006.64	293.35	4.431	
16,100.00	9,360.00	16,241.34	9,360.00	146.25	147.18	90.045	-1,271.33	7,655.61	1,300.00	1,006.64	293.35	4.431	
16,200.00	9,360.00	16,341.34	9,360.00	148.31	149.22	90.045	-1,271.03	7,755.61	1,300.00	1,002.55	297.45	4.371	
16,200.00	9,360.00	16,341.34	9,360.00	148.31	149.22	90.045	-1,271.03	7,755.61	1,300.00	1,002.55	297.45	4.371	
16,300.00	9,360.00	16,441.34	9,360.00	150.37	151.26	90.045	-1,270.73	7,855.61	1,300.00	998.46	301.54	4.311	
16,300.00	9,360.00	16,441.34	9,360.00	150.37	151.26	90.045	-1,270.73	7,855.61	1,300.00	998.46	301.54	4.311	
16,400.00	9,360.00	16,541.34	9,360.00	152.42	153.29	90.045	-1,270.43	7,955.61	1,300.00	994.36	305.64	4.253	
16,400.00	9,360.00	16,541.34	9,360.00	152.42	153.29	90.045	-1,270.43	7,955.61	1,300.00	994.36	305.64	4.253	
16,500.00	9,360.00	16,641.34	9,360.00	154.48	155.33	90.045	-1,270.13	8,055.61	1,300.00	990.26	309.74	4.197	
16,500.00	9,360.00	16,641.34	9,360.00	154.48	155.33	90.045	-1,270.13	8,055.61	1,300.00	990.26	309.74	4.197	
16,600.00	9,360.00	16,741.34	9,360.00	156.54	157.37	90.045	-1,269.84	8,155.61	1,300.00	986.16	313.84	4.142	
16,600.00	9,360.00	16,741.34	9,360.00	156.54	157.37	90.045	-1,269.84	8,155.61	1,300.00	986.16	313.84	4.142	
16,700.00	9,360.00	16,841.34	9,360.00	158.60	159.41	90.045	-1,269.54	8,255.61	1,300.00	982.06	317.94	4.089	
16,700.00	9,360.00	16,841.34	9,360.00	158.60	159.41	90.045	-1,269.54	8,255.61	1,300.00	982.06	317.94	4.089	
16,800.00	9,360.00	16,941.34	9,360.00	160.66	161.45	90.045	-1,269.24	8,355.61	1,300.00	977.96	322.04	4.037	
16,800.00	9,360.00	16,941.34	9,360.00	160.66	161.45	90.045	-1,269.24	8,355.61	1,300.00	977.96	322.04	4.037	
16,900.00	9,360.00	17,041.34	9,360.00	162.73	163.49	90.045	-1,268.94	8,455.61	1,300.00	973.86	326.14	3.986	
16,900.00	9,360.00	17,041.34	9,360.00	162.73	163.49	90.045	-1,268.94	8,455.61	1,300.00	973.86	326.14	3.986	
17,000.00	9,360.00	17,141.34	9,360.00	164.79	165.53	90.045	-1,268.64	8,555.61	1,300.00	969.76	330.24	3.937	
17,000.00	9,360.00	17,141.34	9,360.00	164.79	165.53	90.045	-1,268.64	8,555.61	1,300.00	969.76	330.24	3.937	
17,100.00	9,360.00	17,241.34	9,360.00	166.85	167.57	90.045	-1,268.34	8,655.61	1,300.00	965.65	334.34	3.888	
17,100.00	9,360.00	17,241.34	9,360.00	166.85	167.57	90.045	-1,268.34	8,655.61	1,300.00	965.65	334.34	3.888	
17,200.00	9,360.00	17,341.34	9,360.00	168.91	169.62	90.045	-1,268.05	8,755.61	1,300.00	961.55	338.45	3.841	
17,200.00	9,360.00	17,341.34	9,360.00	168.91	169.62	90.045	-1,268.05	8,755.61	1,300.00	961.55	338.45	3.841	
17,300.00	9,360.00	17,441.34	9,360.00	170.97	171.66	90.045	-1,267.75	8,855.61	1,300.00	957.45	342.55	3.795	
17,300.00	9,360.00	17,441.34	9,360.00	170.97	171.66	90.045	-1,267.75	8,855.61	1,300.00	957.45	342.55	3.795	
17,400.00	9,360.00	17,541.34	9,360.00	173.03	173.70	90.045	-1,267.45	8,955.61	1,300.00	953.34	346.66	3.750	
17,400.00	9,360.00	17,541.34	9,360.00	173.03	173.70	90.045	-1,267.45	8,955.61	1,300.00	953.34	346.66	3.750	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 1 - (02) Bond 33-34 FED COM 211H - 211H - Plan 3													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		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 Centres (usft)	Between Ellipses (usft)			
17,500.00	9,360.00	17,641.34	9,360.00	175.09	175.75	90.045	-1,267.15	9,055.61	1,300.00	949.23	350.77	3.706	
17,500.00	9,360.00	17,641.34	9,360.00	175.09	175.75	90.045	-1,267.15	9,055.61	1,300.00	949.23	350.77	3.706	
17,600.00	9,360.00	17,741.34	9,360.00	177.16	177.79	90.045	-1,266.85	9,155.61	1,300.00	945.12	354.88	3.663	
17,600.00	9,360.00	17,741.34	9,360.00	177.16	177.79	90.045	-1,266.85	9,155.61	1,300.00	945.12	354.88	3.663	
17,700.00	9,360.00	17,841.34	9,360.00	179.22	179.84	90.045	-1,266.56	9,255.61	1,300.00	941.02	358.98	3.621	
17,700.00	9,360.00	17,841.34	9,360.00	179.22	179.84	90.045	-1,266.56	9,255.61	1,300.00	941.02	358.98	3.621	
17,800.00	9,360.00	17,941.34	9,360.00	181.28	181.89	90.045	-1,266.26	9,355.61	1,300.00	936.91	363.09	3.580	
17,800.00	9,360.00	17,941.34	9,360.00	181.28	181.89	90.045	-1,266.26	9,355.61	1,300.00	936.91	363.09	3.580	
17,900.00	9,360.00	18,041.34	9,360.00	183.34	183.93	90.045	-1,265.96	9,455.61	1,300.00	932.80	367.20	3.540	
17,900.00	9,360.00	18,041.34	9,360.00	183.34	183.93	90.045	-1,265.96	9,455.61	1,300.00	932.80	367.20	3.540	
18,000.00	9,360.00	18,141.34	9,360.00	185.41	185.98	90.045	-1,265.66	9,555.61	1,300.00	928.69	371.31	3.501	
18,000.00	9,360.00	18,141.34	9,360.00	185.41	185.98	90.045	-1,265.66	9,555.61	1,300.00	928.69	371.31	3.501	
18,100.00	9,360.00	18,241.34	9,360.00	187.47	188.03	90.045	-1,265.36	9,655.60	1,300.00	924.58	375.42	3.463	
18,100.00	9,360.00	18,241.34	9,360.00	187.47	188.03	90.045	-1,265.36	9,655.61	1,300.00	924.58	375.42	3.463	
18,200.00	9,360.00	18,341.34	9,360.00	189.53	190.08	90.045	-1,265.06	9,755.60	1,300.00	920.46	379.54	3.425	
18,200.00	9,360.00	18,341.34	9,360.00	189.53	190.08	90.045	-1,265.06	9,755.61	1,300.00	920.46	379.54	3.425	
18,300.00	9,360.00	18,441.34	9,360.00	191.59	192.13	90.045	-1,264.77	9,855.60	1,300.00	916.35	383.65	3.389	
18,300.00	9,360.00	18,441.34	9,360.00	191.59	192.13	90.045	-1,264.77	9,855.61	1,300.00	916.35	383.65	3.389	
18,400.00	9,360.00	18,541.34	9,360.00	193.66	194.18	90.045	-1,264.47	9,955.60	1,300.00	912.24	387.76	3.353	
18,400.00	9,360.00	18,541.34	9,360.00	193.66	194.18	90.045	-1,264.47	9,955.61	1,300.00	912.24	387.76	3.353	
18,500.00	9,360.00	18,641.34	9,360.00	195.72	196.23	90.045	-1,264.17	10,055.60	1,300.00	908.13	391.87	3.317	
18,500.00	9,360.00	18,641.34	9,360.00	195.72	196.23	90.045	-1,264.17	10,055.60	1,300.00	908.13	391.87	3.317	
18,600.00	9,360.00	18,741.34	9,360.00	197.78	198.28	90.045	-1,263.87	10,155.60	1,300.00	904.01	395.99	3.283	
18,600.00	9,360.00	18,741.34	9,360.00	197.78	198.28	90.045	-1,263.87	10,155.60	1,300.00	904.01	395.99	3.283	
18,700.00	9,360.00	18,841.34	9,360.00	199.85	200.33	90.045	-1,263.57	10,255.60	1,300.00	899.90	400.10	3.249	
18,700.00	9,360.00	18,841.34	9,360.00	199.85	200.33	90.045	-1,263.57	10,255.60	1,300.00	899.90	400.10	3.249	
18,800.00	9,360.00	18,941.34	9,360.00	201.91	202.38	90.045	-1,263.28	10,355.60	1,300.00	895.78	404.22	3.216	
18,800.00	9,360.00	18,941.34	9,360.00	201.91	202.38	90.045	-1,263.28	10,355.60	1,300.00	895.78	404.22	3.216	
18,900.00	9,360.00	19,041.34	9,360.00	203.98	204.43	90.045	-1,262.98	10,455.60	1,300.00	891.67	408.33	3.184	
18,900.00	9,360.00	19,041.34	9,360.00	203.98	204.43	90.045	-1,262.98	10,455.60	1,300.00	891.67	408.33	3.184	
19,000.00	9,360.00	19,141.34	9,360.00	206.04	206.48	90.045	-1,262.68	10,555.60	1,300.00	887.55	412.45	3.152	
19,000.00	9,360.00	19,141.34	9,360.00	206.04	206.48	90.045	-1,262.68	10,555.60	1,300.00	887.55	412.45	3.152	
19,100.00	9,360.00	19,241.34	9,360.00	208.10	208.53	90.045	-1,262.38	10,655.60	1,300.00	883.43	416.57	3.121	
19,100.00	9,360.00	19,241.34	9,360.00	208.10	208.53	90.045	-1,262.38	10,655.60	1,300.00	883.43	416.57	3.121	
19,200.00	9,360.00	19,341.34	9,360.00	210.17	210.58	90.045	-1,262.08	10,755.60	1,300.00	879.32	420.68	3.090	
19,200.00	9,360.00	19,341.34	9,360.00	210.17	210.58	90.045	-1,262.08	10,755.60	1,300.00	879.32	420.68	3.090	
19,300.00	9,360.00	19,441.34	9,360.00	212.23	212.64	90.045	-1,261.78	10,855.60	1,300.00	875.20	424.80	3.060	
19,300.00	9,360.00	19,441.34	9,360.00	212.23	212.64	90.045	-1,261.78	10,855.60	1,300.00	875.20	424.80	3.060	
19,400.00	9,360.00	19,541.34	9,360.00	214.30	214.69	90.045	-1,261.49	10,955.60	1,300.00	871.08	428.92	3.031	
19,400.00	9,360.00	19,541.34	9,360.00	214.30	214.69	90.045	-1,261.49	10,955.60	1,300.00	871.08	428.92	3.031	
19,500.00	9,360.00	19,641.34	9,360.00	216.36	216.74	90.045	-1,261.19	11,055.60	1,300.00	866.96	433.04	3.002	
19,500.00	9,360.00	19,641.34	9,360.00	216.36	216.74	90.045	-1,261.19	11,055.60	1,300.00	866.96	433.04	3.002	
19,600.00	9,360.00	19,741.34	9,360.00	218.43	218.80	90.045	-1,260.89	11,155.60	1,300.00	862.85	437.16	2.974	
19,600.00	9,360.00	19,741.34	9,360.00	218.43	218.80	90.045	-1,260.89	11,155.60	1,300.00	862.85	437.16	2.974	
19,700.00	9,360.00	19,841.34	9,360.00	220.49	220.85	90.045	-1,260.59	11,255.60	1,300.00	858.73	441.27	2.946	
19,700.00	9,360.00	19,841.34	9,360.00	220.49	220.85	90.045	-1,260.59	11,255.60	1,300.00	858.73	441.27	2.946	
19,800.00	9,360.00	19,941.34	9,360.00	222.56	222.91	90.045	-1,260.29	11,355.60	1,300.00	854.61	445.39	2.919	
19,800.00	9,360.00	19,941.34	9,360.00	222.56	222.91	90.045	-1,260.29	11,355.60	1,300.00	854.61	445.39	2.919	
19,900.00	9,360.00	20,041.34	9,360.00	224.62	224.96	90.045	-1,260.00	11,455.60	1,300.00	850.49	449.51	2.892	
19,900.00	9,360.00	20,041.34	9,360.00	224.62	224.96	90.045	-1,260.00	11,455.60	1,300.00	850.49	449.51	2.892	
20,000.00	9,360.00	20,141.34	9,360.00	226.69	227.01	90.045	-1,259.70	11,555.60	1,300.00	846.37	453.63	2.866	
20,000.00	9,360.00	20,141.34	9,360.00	226.69	227.01	90.045	-1,259.70	11,555.60	1,300.00	846.37	453.63	2.866	

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



Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 1 - (02) Bond 33-34 FED COM 211H - 211H - Plan 3													Offset Site Error: 0.00 usft	
Survey Program: 0-MWD+IFR1												Offset Well Error: 0.00 usft		
Reference		Offset		Semi Major Axis		Highside Toolface (")	Offset Wellbore Centre		Rule Assigned:				Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
20,100.00	9,360.00	20,241.34	9,360.00	228.75	229.07		90.045	-1,259.40	11,655.60	1,300.00	842.25	457.75		2.840
20,100.02	9,360.00	20,241.36	9,360.00	228.75	229.07		90.045	-1,259.40	11,655.61	1,300.00	842.25	457.75		2.840
20,181.28	9,360.00	20,322.62	9,360.00	230.43	230.74		90.045	-1,259.16	11,736.88	1,300.00	838.90	461.10		2.819

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (01) Bond 33-34 FED COM #306H - #306H - Plan 1													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1													Offset Well Error: 0.00 usft
Reference	Offset	Semi Major Axis		Reference	Offset	Highside Toolface	Offset Wellbore Centre		Distance		Minimum Separation	Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	(usft)		
0.00	0.00	0.00	0.00	0.00	0.00	171.422	-316.61	47.76	320.23				
100.00	100.00	95.13	95.13	0.79	0.75	171.422	-316.61	47.76	320.19	318.66	1.53	208.863	
200.00	200.00	195.13	195.13	1.45	1.41	171.422	-316.61	47.76	320.19	317.33	2.86	111.955	
300.00	300.00	295.13	295.13	1.89	1.87	171.422	-316.61	47.76	320.19	316.43	3.76	85.120	
400.00	400.00	395.13	395.13	2.25	2.24	171.422	-316.61	47.76	320.19	315.71	4.49	71.317	
500.00	500.00	495.13	495.13	2.57	2.55	171.422	-316.61	47.76	320.19	315.07	5.12	62.537	
600.00	600.00	595.13	595.13	2.85	2.84	171.422	-316.61	47.76	320.19	314.51	5.69	56.318	
700.00	700.00	695.13	695.13	3.11	3.10	171.422	-316.61	47.76	320.19	313.99	6.20	51.613	
800.00	800.00	795.13	795.13	3.35	3.34	171.422	-316.61	47.76	320.19	313.51	6.69	47.891	
900.00	900.00	895.13	895.13	3.58	3.56	171.422	-316.61	47.76	320.19	313.06	7.14	44.850	
1,000.00	1,000.00	995.13	995.13	3.79	3.78	171.422	-316.61	47.76	320.19	312.63	7.57	42.303	
1,100.00	1,100.00	1,095.13	1,095.13	3.99	3.98	171.422	-316.61	47.76	320.19	312.22	7.98	40.130	
1,200.00	1,200.00	1,195.13	1,195.13	4.19	4.18	171.422	-316.61	47.76	320.19	311.82	8.37	38.246	
1,300.00	1,300.00	1,295.13	1,295.13	4.38	4.37	171.422	-316.61	47.76	320.19	311.44	8.75	36.591	
1,400.00	1,400.00	1,395.13	1,395.13	4.56	4.55	171.422	-316.61	47.76	320.19	311.08	9.12	35.124	
1,500.00	1,500.00	1,495.13	1,495.13	4.74	4.73	171.422	-316.61	47.76	320.19	310.72	9.47	33.809	
1,600.00	1,600.00	1,595.13	1,595.13	4.91	4.90	171.422	-316.61	47.76	320.19	310.38	9.81	32.623	
1,700.00	1,700.00	1,695.13	1,695.13	5.08	5.07	171.422	-316.61	47.76	320.19	310.04	10.15	31.546	
1,800.00	1,800.00	1,795.13	1,795.13	5.24	5.23	171.422	-316.61	47.76	320.19	309.72	10.48	30.561	
1,900.00	1,900.00	1,895.13	1,895.13	5.40	5.39	171.422	-316.61	47.76	320.19	309.40	10.80	29.656	
2,000.00	2,000.00	1,995.13	1,995.13	5.56	5.55	171.422	-316.61	47.76	320.19	309.09	11.11	28.821 CC, ES	
2,100.00	2,100.00	2,086.13	2,086.11	5.71	5.74	171.338	-317.74	48.40	321.53	310.08	11.45	28.091	
2,200.00	2,200.00	2,176.49	2,176.38	5.86	5.94	171.076	-321.33	50.46	325.81	314.04	11.77	27.690	
2,300.00	2,300.00	2,266.50	2,266.12	6.01	6.14	170.649	-327.37	53.91	333.04	320.96	12.09	27.558	
2,400.00	2,400.00	2,355.99	2,355.08	6.16	6.35	170.081	-335.79	58.72	343.23	330.82	12.41	27.660	
2,500.00	2,500.00	2,444.79	2,443.00	6.30	6.58	169.398	-346.53	64.86	356.38	343.64	12.74	27.971	
2,600.00	2,600.00	2,532.73	2,529.67	6.44	6.82	168.633	-359.49	72.27	372.48	359.40	13.08	28.474	
2,700.00	2,700.00	2,619.67	2,614.85	6.58	7.08	167.814	-374.57	80.89	391.52	378.09	13.43	29.154	
2,800.00	2,800.00	2,705.47	2,698.36	6.71	7.34	166.968	-391.64	90.65	413.48	399.70	13.78	30.012	
2,900.00	2,900.00	2,801.64	2,791.59	6.85	7.62	166.051	-412.15	102.37	437.11	422.91	14.20	30.780	
3,000.00	3,000.00	2,898.58	2,885.56	6.98	7.90	165.221	-432.82	114.19	460.85	446.22	14.63	31.510	
3,100.00	3,100.00	2,995.52	2,979.52	7.12	8.20	164.472	-453.49	126.00	484.66	469.59	15.07	32.166	
3,200.00	3,200.00	3,092.45	3,073.49	7.25	8.51	163.793	-474.16	137.82	508.55	493.02	15.53	32.755	
3,300.00	3,300.00	3,189.39	3,167.46	7.37	8.84	163.175	-494.84	149.63	532.50	516.50	16.00	33.286	
3,400.00	3,400.00	3,286.32	3,261.42	7.50	9.18	162.610	-515.51	161.45	556.50	540.02	16.48	33.765	
3,500.00	3,500.00	3,383.26	3,355.39	7.63	9.53	162.092	-536.18	173.27	580.55	563.57	16.98	34.196	
3,600.00	3,599.98	3,480.39	3,449.54	7.80	9.90	71.933	-556.89	185.11	604.12	586.65	17.47	34.576	
3,700.00	3,699.84	3,577.81	3,543.98	7.98	10.27	71.513	-577.67	196.98	626.65	608.68	17.96	34.888	
3,800.00	3,799.45	3,675.42	3,638.59	8.16	10.66	71.414	-598.48	208.88	648.10	629.64	18.46	35.112	
3,900.00	3,898.70	3,773.08	3,733.27	8.36	11.05	71.605	-619.31	220.78	668.51	649.55	18.96	35.258	
4,000.00	3,997.47	3,870.69	3,827.88	8.59	11.45	72.059	-640.12	232.68	687.95	668.48	19.47	35.341	
4,100.00	4,095.62	3,968.12	3,922.33	8.83	11.85	72.752	-660.90	244.56	706.51	686.54	19.97	35.374	
4,200.00	4,193.08	4,065.27	4,016.51	9.02	12.26	73.746	-681.62	256.40	724.38	703.94	20.44	35.446	
4,300.00	4,290.34	4,162.33	4,110.59	9.26	12.67	75.004	-702.32	268.23	742.34	721.39	20.95	35.441	
4,400.00	4,387.59	4,259.39	4,204.67	9.50	13.09	76.203	-723.01	280.06	760.63	739.18	21.46	35.451	
4,500.00	4,484.84	4,356.44	4,298.75	9.77	13.51	77.347	-743.71	291.89	779.24	757.27	21.97	35.470	
4,600.00	4,582.09	4,453.50	4,392.84	10.05	13.93	78.439	-764.41	303.72	798.15	775.66	22.49	35.497	
4,700.00	4,679.34	4,550.55	4,486.92	10.35	14.36	79.480	-785.10	315.55	817.32	794.32	23.00	35.530	
4,800.00	4,776.59	4,647.61	4,581.00	10.66	14.79	80.475	-805.80	327.39	836.75	813.23	23.52	35.569	
4,900.00	4,873.84	4,744.67	4,675.09	10.99	15.22	81.425	-826.50	339.22	856.42	832.37	24.05	35.613	
5,000.00	4,971.09	4,841.72	4,769.17	11.32	15.66	82.333	-847.20	351.05	876.30	851.73	24.57	35.662	
5,100.00	5,068.34	4,938.78	4,863.25	11.67	16.10	83.202	-867.89	362.88	896.40	871.30	25.10	35.713	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (01) Bond 33-34 FED COM #306H - #306H - Plan 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IFR1												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		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 Centres (usft)	Between Ellipses (usft)			
5,200.00	5,165.59	5,035.83	4,957.33	12.03	16.54	84.033	-888.59	374.71	916.68	891.05	25.63	35.767	
5,300.00	5,262.84	5,132.89	5,051.42	12.39	16.98	84.828	-909.29	386.54	937.15	910.99	26.16	35.823	
5,400.00	5,360.09	5,229.95	5,145.50	12.77	17.43	85.589	-929.98	398.37	957.78	931.09	26.69	35.880	
5,500.00	5,457.34	5,327.00	5,239.58	13.15	17.88	86.319	-950.68	410.20	978.57	951.34	27.23	35.938	
5,600.00	5,554.59	5,424.06	5,333.66	13.54	18.33	87.019	-971.38	422.03	999.51	971.74	27.77	35.996	
5,700.00	5,651.84	5,521.11	5,427.75	13.93	18.78	87.691	-992.08	433.86	1,020.59	992.28	28.31	36.053	
5,800.00	5,749.09	5,618.17	5,521.83	14.33	19.23	88.335	-1,012.77	445.69	1,041.80	1,012.95	28.85	36.111	
5,900.00	5,846.35	5,715.23	5,615.91	14.74	19.68	88.955	-1,033.47	457.52	1,063.13	1,033.74	29.39	36.168	
6,000.00	5,943.60	5,812.28	5,709.99	15.15	20.13	89.550	-1,054.17	469.35	1,084.58	1,054.64	29.94	36.223	
6,100.00	6,040.85	5,909.34	5,804.08	15.57	20.59	90.122	-1,074.86	481.19	1,106.13	1,075.64	30.49	36.278	
6,200.00	6,138.10	6,006.40	5,898.16	15.99	21.05	90.672	-1,095.56	493.02	1,127.79	1,096.75	31.04	36.331	
6,300.00	6,235.35	6,103.45	5,992.24	16.41	21.50	91.202	-1,116.26	504.85	1,149.54	1,117.95	31.60	36.383	
6,400.00	6,332.60	6,200.51	6,086.33	16.84	21.96	91.713	-1,136.96	516.68	1,171.39	1,139.24	32.15	36.433	
6,500.00	6,429.85	6,297.56	6,180.41	17.27	22.42	92.205	-1,157.65	528.51	1,193.32	1,160.61	32.71	36.482	
6,600.00	6,527.10	6,394.62	6,274.49	17.70	22.88	92.679	-1,178.35	540.34	1,215.33	1,182.06	33.27	36.529	
6,700.00	6,624.35	6,491.68	6,368.57	18.14	23.34	93.137	-1,199.05	552.17	1,237.42	1,203.58	33.84	36.566	
6,800.00	6,721.92	6,598.49	6,472.14	18.59	23.84	93.956	-1,221.72	565.13	1,259.43	1,225.00	34.43	36.574	
6,900.00	6,820.20	6,752.39	6,622.58	19.03	24.57	94.805	-1,249.84	581.20	1,278.41	1,243.16	35.25	36.268	
7,000.00	6,919.06	6,908.44	6,776.67	19.46	25.28	95.516	-1,271.14	593.38	1,292.78	1,256.83	35.95	35.958	
7,100.00	7,018.38	7,065.99	6,933.36	19.87	25.93	96.098	-1,285.23	601.43	1,302.41	1,265.89	36.52	35.663	
7,200.00	7,118.05	7,224.36	7,091.53	20.25	26.44	96.559	-1,291.83	605.21	1,307.22	1,270.32	36.90	35.424	
7,300.00	7,217.94	7,345.90	7,213.07	20.58	26.55	96.815	-1,292.35	605.50	1,308.06	1,271.05	37.01	35.341	
7,400.00	7,317.93	7,445.89	7,313.06	20.72	26.58	-173.750	-1,292.35	605.50	1,308.20	1,271.10	37.10	35.263	
7,500.00	7,417.93	7,545.89	7,413.06	20.78	26.60	-173.750	-1,292.35	605.50	1,308.20	1,270.99	37.21	35.153	
7,600.00	7,517.93	7,645.89	7,513.06	20.82	26.62	-173.750	-1,292.35	605.50	1,308.20	1,270.89	37.32	35.056	
7,700.00	7,617.93	7,745.89	7,613.06	20.87	26.64	-173.750	-1,292.35	605.50	1,308.20	1,270.78	37.42	34.959	
7,800.00	7,717.93	7,845.89	7,713.06	20.92	26.67	-173.750	-1,292.35	605.50	1,308.20	1,270.68	37.53	34.862	
7,900.00	7,817.93	7,945.89	7,813.06	20.97	26.69	-173.750	-1,292.35	605.50	1,308.20	1,270.57	37.63	34.765	
8,000.00	7,917.93	8,045.89	7,913.06	21.01	26.71	-173.750	-1,292.35	605.50	1,308.20	1,270.47	37.73	34.669	
8,100.00	8,017.93	8,145.89	8,013.06	21.06	26.74	-173.750	-1,292.35	605.50	1,308.20	1,270.36	37.84	34.573	
8,200.00	8,117.93	8,245.89	8,113.06	21.11	26.76	-173.750	-1,292.35	605.50	1,308.20	1,270.26	37.94	34.477	
8,300.00	8,217.93	8,345.89	8,213.06	21.16	26.79	-173.750	-1,292.35	605.50	1,308.20	1,270.15	38.05	34.381	
8,400.00	8,317.93	8,445.89	8,313.06	21.21	26.81	-173.750	-1,292.35	605.50	1,308.20	1,270.05	38.16	34.286	
8,500.00	8,417.93	8,545.89	8,413.06	21.26	26.83	-173.750	-1,292.35	605.50	1,308.20	1,269.94	38.26	34.191	
8,600.00	8,517.93	8,645.89	8,513.06	21.31	26.86	-173.750	-1,292.35	605.50	1,308.20	1,269.83	38.37	34.096	
8,700.00	8,617.93	8,745.89	8,613.06	21.35	26.88	-173.750	-1,292.35	605.50	1,308.20	1,269.73	38.48	34.001	
8,800.00	8,717.93	8,845.89	8,713.06	21.40	26.91	-173.750	-1,292.35	605.50	1,308.20	1,269.62	38.58	33.907	
8,900.00	8,817.93	8,945.89	8,813.06	21.48	26.94	96.448	-1,292.35	605.50	1,308.30	1,269.62	38.68	33.825	
9,000.00	8,916.79	9,044.76	8,911.92	21.94	26.96	96.886	-1,292.35	605.50	1,309.95	1,271.20	38.75	33.803	
9,100.00	9,011.73	9,139.69	9,006.86	22.47	26.99	97.745	-1,292.35	605.50	1,314.13	1,275.27	38.86	33.820	
9,200.00	9,099.84	9,227.80	9,094.97	23.01	27.01	98.764	-1,292.35	605.50	1,321.82	1,282.80	39.02	33.872	
9,300.00	9,178.45	9,306.41	9,173.58	23.52	27.03	99.592	-1,292.35	605.50	1,334.35	1,295.06	39.29	33.959	
9,400.00	9,245.16	9,373.12	9,240.29	23.97	27.05	99.833	-1,292.35	605.50	1,353.04	1,313.36	39.69	34.093	
9,500.00	9,297.95	9,425.92	9,293.08	24.35	27.06	99.098	-1,292.35	605.50	1,378.96	1,338.75	40.21	34.294	
9,600.00	9,335.22	9,463.19	9,330.35	24.62	27.07	97.049	-1,292.35	605.50	1,412.57	1,371.74	40.83	34.595	
9,700.00	9,355.84	9,483.80	9,350.97	24.78	27.08	93.445	-1,292.35	605.50	1,453.58	1,412.09	41.49	35.033	
9,800.00	9,360.00	9,487.97	9,355.13	24.83	27.08	90.000	-1,292.35	605.50	1,500.90	1,458.78	42.13	35.629	
9,900.00	9,360.00	10,912.06	10,175.00	24.86	32.09	122.238	-1,289.81	1,455.64	1,536.94	1,489.49	47.45	32.393	
9,900.00	9,360.00	10,912.07	10,175.00	24.86	32.09	122.238	-1,289.81	1,455.64	1,536.94	1,489.49	47.45	32.393	
10,000.00	9,360.00	11,012.06	10,175.00	24.94	33.09	122.238	-1,289.52	1,555.64	1,536.94	1,487.29	49.65	30.957	
10,000.00	9,360.00	11,012.07	10,175.00	24.94	33.09	122.238	-1,289.52	1,555.64	1,536.94	1,487.29	49.65	30.957	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (01) Bond 33-34 FED COM #306H - #306H - Plan 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IFR1												Offset Well Error:	0.00 usft
Reference	Offset	Semi Major Axis		Distance		Rule Assigned:		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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,100.00	9,360.00	11,112.06	10,175.00	26.19	34.22	122.238	-1,289.22	1,655.64	1,536.94	1,484.94	52.00	29.556	
10,100.00	9,360.00	11,112.07	10,175.00	26.19	34.22	122.238	-1,289.22	1,655.64	1,536.94	1,484.94	52.00	29.556	
10,200.00	9,360.00	11,212.06	10,175.00	27.89	35.46	122.238	-1,288.92	1,755.64	1,536.94	1,482.45	54.49	28.206	
10,200.00	9,360.00	11,212.07	10,175.00	27.89	35.46	122.238	-1,288.92	1,755.64	1,536.94	1,482.45	54.49	28.206	
10,300.00	9,360.00	11,312.06	10,175.00	29.64	36.80	122.238	-1,288.62	1,855.64	1,536.94	1,479.84	57.09	26.919	
10,300.00	9,360.00	11,312.07	10,175.00	29.64	36.80	122.238	-1,288.62	1,855.64	1,536.94	1,479.84	57.09	26.919	
10,400.00	9,360.00	11,412.06	10,175.00	31.43	38.22	122.238	-1,288.32	1,955.64	1,536.94	1,477.14	59.80	25.701	
10,400.00	9,360.00	11,412.07	10,175.00	31.43	38.22	122.238	-1,288.32	1,955.64	1,536.94	1,477.14	59.80	25.701	
10,500.00	9,360.00	11,512.06	10,175.00	33.25	39.71	122.238	-1,288.02	2,055.64	1,536.94	1,474.34	62.60	24.552	
10,500.00	9,360.00	11,512.07	10,175.00	33.25	39.71	122.238	-1,288.02	2,055.64	1,536.94	1,474.34	62.60	24.552	
10,600.00	9,360.00	11,612.06	10,175.00	35.10	41.27	122.238	-1,287.73	2,155.64	1,536.94	1,471.47	65.47	23.474	
10,600.00	9,360.00	11,612.07	10,175.00	35.10	41.27	122.238	-1,287.73	2,155.64	1,536.94	1,471.47	65.47	23.474	
10,700.00	9,360.00	11,712.06	10,175.00	36.98	42.88	122.238	-1,287.43	2,255.64	1,536.94	1,468.52	68.42	22.465	
10,700.00	9,360.00	11,712.07	10,175.00	36.98	42.88	122.238	-1,287.43	2,255.64	1,536.94	1,468.52	68.42	22.465	
10,800.00	9,360.00	11,812.06	10,175.00	38.87	44.53	122.238	-1,287.13	2,355.64	1,536.94	1,465.52	71.42	21.520	
10,800.00	9,360.00	11,812.07	10,175.00	38.87	44.53	122.238	-1,287.13	2,355.64	1,536.94	1,465.52	71.42	21.520	
10,900.00	9,360.00	11,912.06	10,175.00	40.78	46.23	122.238	-1,286.83	2,455.64	1,536.94	1,462.46	74.47	20.637	
10,900.00	9,360.00	11,912.07	10,175.00	40.78	46.23	122.238	-1,286.83	2,455.64	1,536.94	1,462.46	74.48	20.637	
11,000.00	9,360.00	12,012.06	10,175.00	42.71	47.95	122.238	-1,286.53	2,555.64	1,536.94	1,459.36	77.58	19.812	
11,000.00	9,360.00	12,012.07	10,175.00	42.71	47.95	122.238	-1,286.53	2,555.64	1,536.94	1,459.36	77.58	19.812	
11,100.00	9,360.00	12,112.06	10,175.00	44.65	49.71	122.238	-1,286.24	2,655.64	1,536.94	1,456.22	80.72	19.040	
11,100.00	9,360.00	12,112.07	10,175.00	44.65	49.71	122.238	-1,286.24	2,655.64	1,536.94	1,456.22	80.72	19.040	
11,200.00	9,360.00	12,212.06	10,175.00	46.60	51.49	122.238	-1,285.94	2,755.64	1,536.94	1,453.04	83.90	18.318	
11,200.00	9,360.00	12,212.07	10,175.00	46.60	51.49	122.238	-1,285.94	2,755.64	1,536.94	1,453.04	83.90	18.318	
11,300.00	9,360.00	12,312.06	10,175.00	48.56	53.30	122.238	-1,285.64	2,855.63	1,536.94	1,449.82	87.12	17.642	
11,300.00	9,360.00	12,312.07	10,175.00	48.56	53.30	122.238	-1,285.64	2,855.63	1,536.94	1,449.82	87.12	17.642	
11,400.00	9,360.00	12,412.06	10,175.00	50.53	55.12	122.238	-1,285.34	2,955.63	1,536.94	1,446.58	90.36	17.009	
11,400.00	9,360.00	12,412.07	10,175.00	50.53	55.12	122.238	-1,285.34	2,955.63	1,536.94	1,446.58	90.36	17.009	
11,500.00	9,360.00	12,512.06	10,175.00	52.50	56.97	122.238	-1,285.04	3,055.63	1,536.94	1,443.31	93.63	16.415	
11,500.00	9,360.00	12,512.07	10,175.00	52.50	56.97	122.238	-1,285.04	3,055.63	1,536.94	1,443.31	93.63	16.415	
11,600.00	9,360.00	12,612.06	10,175.00	54.49	58.83	122.238	-1,284.74	3,155.63	1,536.94	1,440.01	96.92	15.857	
11,600.00	9,360.00	12,612.07	10,175.00	54.49	58.83	122.238	-1,284.74	3,155.63	1,536.94	1,440.01	96.92	15.857	
11,700.00	9,360.00	12,712.06	10,175.00	56.48	60.70	122.238	-1,284.45	3,255.63	1,536.94	1,436.70	100.24	15.333	
11,700.00	9,360.00	12,712.07	10,175.00	56.48	60.70	122.238	-1,284.45	3,255.63	1,536.94	1,436.70	100.24	15.333	
11,800.00	9,360.00	12,812.06	10,175.00	58.47	62.59	122.238	-1,284.15	3,355.63	1,536.94	1,433.36	103.57	14.839	
11,800.00	9,360.00	12,812.07	10,175.00	58.47	62.59	122.238	-1,284.15	3,355.63	1,536.94	1,433.36	103.57	14.839	
11,900.00	9,360.00	12,912.06	10,175.00	60.47	64.49	122.238	-1,283.85	3,455.63	1,536.94	1,430.01	106.93	14.374	
11,900.00	9,360.00	12,912.07	10,175.00	60.47	64.49	122.238	-1,283.85	3,455.63	1,536.94	1,430.01	106.93	14.374	
12,000.00	9,360.00	13,012.06	10,175.00	62.48	66.39	122.238	-1,283.55	3,555.63	1,536.94	1,426.64	110.29	13.935	
12,000.00	9,360.00	13,012.07	10,175.00	62.48	66.39	122.238	-1,283.55	3,555.63	1,536.94	1,426.64	110.29	13.935	
12,100.00	9,360.00	13,112.06	10,175.00	64.49	68.31	122.238	-1,283.25	3,655.63	1,536.94	1,423.26	113.68	13.520	
12,100.00	9,360.00	13,112.07	10,175.00	64.49	68.31	122.238	-1,283.25	3,655.63	1,536.94	1,423.26	113.68	13.520	
12,200.00	9,360.00	13,212.06	10,175.00	66.50	70.24	122.238	-1,282.96	3,755.63	1,536.94	1,419.87	117.07	13.128	
12,200.00	9,360.00	13,212.07	10,175.00	66.50	70.24	122.238	-1,282.96	3,755.63	1,536.94	1,419.87	117.07	13.128	
12,300.00	9,360.00	13,312.06	10,175.00	68.52	72.18	122.238	-1,282.66	3,855.63	1,536.94	1,416.46	120.48	12.757	
12,300.00	9,360.00	13,312.07	10,175.00	68.52	72.18	122.238	-1,282.66	3,855.63	1,536.94	1,416.46	120.48	12.757	
12,400.00	9,360.00	13,412.06	10,175.00	70.54	74.12	122.238	-1,282.36	3,955.63	1,536.94	1,413.04	123.90	12.405	
12,400.00	9,360.00	13,412.07	10,175.00	70.54	74.12	122.238	-1,282.36	3,955.63	1,536.94	1,413.04	123.90	12.405	
12,500.00	9,360.00	13,512.06	10,175.00	72.56	76.07	122.238	-1,282.06	4,055.63	1,536.94	1,409.61	127.33	12.071	
12,500.00	9,360.00	13,512.07	10,175.00	72.56	76.07	122.238	-1,282.06	4,055.63	1,536.94	1,409.61	127.33	12.071	
12,600.00	9,360.00	13,612.06	10,175.00	74.58	78.03	122.238	-1,281.76	4,155.63	1,536.94	1,406.17	130.77	11.753	
12,600.00	9,360.00	13,612.07	10,175.00	74.58	78.03	122.238	-1,281.76	4,155.63	1,536.94	1,406.17	130.77	11.753	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (01) Bond 33-34 FED COM #306H - #306H - Plan 1													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		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 Centres (usft)	Between Ellipses (usft)			
12,700.00	9,360.00	13,712.06	10,175.00	76.61	79.99	122.238	-1,281.46	4,255.63	1,536.94	1,402.72	134.22	11.451	
12,700.00	9,360.00	13,712.07	10,175.00	76.61	79.99	122.238	-1,281.46	4,255.63	1,536.94	1,402.72	134.22	11.451	
12,800.00	9,360.00	13,812.06	10,175.00	78.64	81.96	122.238	-1,281.17	4,355.63	1,536.94	1,399.27	137.67	11.164	
12,800.00	9,360.00	13,812.07	10,175.00	78.64	81.96	122.238	-1,281.17	4,355.63	1,536.94	1,399.27	137.67	11.164	
12,900.00	9,360.00	13,912.06	10,175.00	80.67	83.93	122.238	-1,280.87	4,455.63	1,536.94	1,395.80	141.14	10.890	
12,900.00	9,360.00	13,912.07	10,175.00	80.67	83.93	122.238	-1,280.87	4,455.63	1,536.94	1,395.80	141.14	10.890	
13,000.00	9,360.00	14,012.06	10,175.00	82.71	85.91	122.238	-1,280.57	4,555.63	1,536.94	1,392.33	144.61	10.628	
13,000.00	9,360.00	14,012.07	10,175.00	82.71	85.91	122.238	-1,280.57	4,555.63	1,536.94	1,392.33	144.61	10.628	
13,100.00	9,360.00	14,112.06	10,175.00	84.74	87.89	122.238	-1,280.27	4,655.63	1,536.94	1,388.86	148.08	10.379	
13,100.00	9,360.00	14,112.07	10,175.00	84.74	87.89	122.238	-1,280.27	4,655.63	1,536.94	1,388.86	148.08	10.379	
13,200.00	9,360.00	14,212.06	10,175.00	86.78	89.87	122.238	-1,279.97	4,755.63	1,536.94	1,385.37	151.57	10.140	
13,200.00	9,360.00	14,212.07	10,175.00	86.78	89.87	122.238	-1,279.97	4,755.63	1,536.94	1,385.37	151.57	10.140	
13,300.00	9,360.00	14,312.06	10,175.00	88.82	91.86	122.238	-1,279.68	4,855.63	1,536.94	1,381.88	155.05	9.912	
13,300.00	9,360.00	14,312.07	10,175.00	88.82	91.86	122.238	-1,279.68	4,855.63	1,536.94	1,381.88	155.05	9.912	
13,400.00	9,360.00	14,412.06	10,175.00	90.86	93.85	122.238	-1,279.38	4,955.63	1,536.94	1,378.39	158.55	9.694	
13,400.00	9,360.00	14,412.07	10,175.00	90.86	93.85	122.238	-1,279.38	4,955.63	1,536.94	1,378.39	158.55	9.694	
13,500.00	9,360.00	14,512.06	10,175.00	92.90	95.85	122.238	-1,279.08	5,055.63	1,536.94	1,374.89	162.05	9.485	
13,500.00	9,360.00	14,512.07	10,175.00	92.90	95.85	122.238	-1,279.08	5,055.63	1,536.94	1,374.89	162.05	9.485	
13,600.00	9,360.00	14,612.06	10,175.00	94.94	97.85	122.238	-1,278.78	5,155.62	1,536.94	1,371.39	165.55	9.284	
13,600.00	9,360.00	14,612.07	10,175.00	94.94	97.85	122.238	-1,278.78	5,155.62	1,536.94	1,371.39	165.55	9.284	
13,700.00	9,360.00	14,712.06	10,175.00	96.98	99.85	122.238	-1,278.48	5,255.62	1,536.94	1,367.88	169.06	9.091	
13,700.00	9,360.00	14,712.07	10,175.00	96.98	99.85	122.238	-1,278.48	5,255.62	1,536.94	1,367.88	169.06	9.091	
13,800.00	9,360.00	14,812.06	10,175.00	99.03	101.86	122.238	-1,278.18	5,355.62	1,536.94	1,364.37	172.57	8.906	
13,800.00	9,360.00	14,812.07	10,175.00	99.03	101.86	122.238	-1,278.18	5,355.62	1,536.94	1,364.37	172.57	8.906	
13,900.00	9,360.00	14,912.06	10,175.00	101.07	103.86	122.238	-1,277.89	5,455.62	1,536.94	1,360.85	176.08	8.728	
13,900.00	9,360.00	14,912.07	10,175.00	101.07	103.86	122.238	-1,277.89	5,455.62	1,536.94	1,360.85	176.08	8.728	
14,000.00	9,360.00	15,012.06	10,175.00	103.12	105.87	122.238	-1,277.59	5,555.62	1,536.94	1,357.34	179.60	8.557	
14,000.00	9,360.00	15,012.07	10,175.00	103.12	105.87	122.238	-1,277.59	5,555.62	1,536.94	1,357.34	179.60	8.557	
14,100.00	9,360.00	15,112.06	10,175.00	105.17	107.88	122.238	-1,277.29	5,655.62	1,536.94	1,353.81	183.13	8.393	
14,100.00	9,360.00	15,112.07	10,175.00	105.17	107.88	122.238	-1,277.29	5,655.62	1,536.94	1,353.81	183.13	8.393	
14,200.00	9,360.00	15,212.06	10,175.00	107.21	109.90	122.238	-1,276.99	5,755.62	1,536.94	1,350.29	186.65	8.234	
14,200.00	9,360.00	15,212.07	10,175.00	107.21	109.90	122.238	-1,276.99	5,755.62	1,536.94	1,350.29	186.65	8.234	
14,300.00	9,360.00	15,312.06	10,175.00	109.26	111.91	122.238	-1,276.69	5,855.62	1,536.94	1,346.76	190.18	8.081	
14,300.00	9,360.00	15,312.07	10,175.00	109.26	111.91	122.238	-1,276.69	5,855.62	1,536.94	1,346.76	190.18	8.081	
14,400.00	9,360.00	15,412.06	10,175.00	111.31	113.93	122.238	-1,276.40	5,955.62	1,536.94	1,343.23	193.71	7.934	
14,400.00	9,360.00	15,412.07	10,175.00	111.31	113.93	122.238	-1,276.40	5,955.62	1,536.94	1,343.23	193.71	7.934	
14,500.00	9,360.00	15,512.06	10,175.00	113.36	115.95	122.238	-1,276.10	6,055.62	1,536.94	1,339.69	197.25	7.792	
14,500.00	9,360.00	15,512.07	10,175.00	113.36	115.95	122.238	-1,276.10	6,055.62	1,536.94	1,339.69	197.25	7.792	
14,600.00	9,360.00	15,612.06	10,175.00	115.42	117.97	122.238	-1,275.80	6,155.62	1,536.94	1,336.16	200.78	7.655	
14,600.00	9,360.00	15,612.07	10,175.00	115.42	117.97	122.238	-1,275.80	6,155.62	1,536.94	1,336.16	200.78	7.655	
14,700.00	9,360.00	15,712.06	10,175.00	117.47	120.00	122.238	-1,275.50	6,255.62	1,536.94	1,332.62	204.32	7.522	
14,700.00	9,360.00	15,712.07	10,175.00	117.47	120.00	122.238	-1,275.50	6,255.62	1,536.94	1,332.62	204.32	7.522	
14,800.00	9,360.00	15,812.06	10,175.00	119.52	122.02	122.238	-1,275.20	6,355.62	1,536.94	1,329.07	207.86	7.394	
14,800.00	9,360.00	15,812.07	10,175.00	119.52	122.02	122.238	-1,275.20	6,355.62	1,536.94	1,329.07	207.86	7.394	
14,900.00	9,360.00	15,912.06	10,175.00	121.57	124.05	122.238	-1,274.90	6,455.62	1,536.94	1,325.53	211.41	7.270	
14,900.00	9,360.00	15,912.07	10,175.00	121.57	124.05	122.238	-1,274.90	6,455.62	1,536.94	1,325.53	211.41	7.270	
15,000.00	9,360.00	16,012.06	10,175.00	123.63	126.07	122.238	-1,274.61	6,555.62	1,536.94	1,321.99	214.95	7.150	
15,000.00	9,360.00	16,012.07	10,175.00	123.63	126.07	122.238	-1,274.61	6,555.62	1,536.94	1,321.99	214.95	7.150	
15,100.00	9,360.00	16,112.06	10,175.00	125.68	128.10	122.238	-1,274.31	6,655.62	1,536.94	1,318.44	218.50	7.034	
15,100.00	9,360.00	16,112.07	10,175.00	125.68	128.10	122.238	-1,274.31	6,655.62	1,536.94	1,318.44	218.50	7.034	
15,200.00	9,360.00	16,212.06	10,175.00	127.74	130.13	122.238	-1,274.01	6,755.62	1,536.94	1,314.89	222.05	6.922	
15,200.00	9,360.00	16,212.07	10,175.00	127.74	130.13	122.238	-1,274.01	6,755.62	1,536.94	1,314.89	222.05	6.922	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (01) Bond 33-34 FED COM #306H - #306H - Plan 1													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis			Offset Wellbore Centre		Distance			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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		
15,300.00	9,360.00	16,312.06	10,175.00	129.79	132.16	122.238	-1,273.71	6,855.62	1,536.94	1,311.34	225.60	6.813	
15,300.00	9,360.00	16,312.07	10,175.00	129.79	132.16	122.238	-1,273.71	6,855.62	1,536.94	1,311.34	225.60	6.813	
15,400.00	9,360.00	16,412.06	10,175.00	131.85	134.20	122.238	-1,273.41	6,955.62	1,536.94	1,307.78	229.16	6.707	
15,400.00	9,360.00	16,412.07	10,175.00	131.85	134.20	122.238	-1,273.41	6,955.62	1,536.94	1,307.78	229.16	6.707	
15,500.00	9,360.00	16,512.06	10,175.00	133.90	136.23	122.238	-1,273.12	7,055.62	1,536.94	1,304.23	232.71	6.605	
15,500.00	9,360.00	16,512.07	10,175.00	133.90	136.23	122.238	-1,273.12	7,055.62	1,536.94	1,304.23	232.71	6.605	
15,600.00	9,360.00	16,612.06	10,175.00	135.96	138.27	122.238	-1,272.82	7,155.62	1,536.94	1,300.67	236.27	6.505	
15,600.00	9,360.00	16,612.07	10,175.00	135.96	138.27	122.238	-1,272.82	7,155.62	1,536.94	1,300.67	236.27	6.505	
15,700.00	9,360.00	16,712.06	10,175.00	138.02	140.30	122.238	-1,272.52	7,255.62	1,536.94	1,297.12	239.82	6.409	
15,700.00	9,360.00	16,712.07	10,175.00	138.02	140.30	122.238	-1,272.52	7,255.62	1,536.94	1,297.11	239.82	6.409	
15,800.00	9,360.00	16,812.06	10,175.00	140.07	142.34	122.238	-1,272.22	7,355.61	1,536.94	1,293.56	243.38	6.315	
15,800.00	9,360.00	16,812.07	10,175.00	140.07	142.34	122.238	-1,272.22	7,355.62	1,536.94	1,293.56	243.38	6.315	
15,900.00	9,360.00	16,912.06	10,175.00	142.13	144.38	122.238	-1,271.92	7,455.61	1,536.94	1,290.00	246.94	6.224	
15,900.00	9,360.00	16,912.07	10,175.00	142.13	144.38	122.238	-1,271.92	7,455.62	1,536.94	1,290.00	246.94	6.224	
16,000.00	9,360.00	17,012.06	10,175.00	144.19	146.41	122.238	-1,271.62	7,555.61	1,536.94	1,286.43	250.51	6.135	
16,000.00	9,360.00	17,012.07	10,175.00	144.19	146.41	122.238	-1,271.62	7,555.62	1,536.94	1,286.43	250.51	6.135	
16,100.00	9,360.00	17,112.06	10,175.00	146.25	148.45	122.238	-1,271.33	7,655.61	1,536.94	1,282.87	254.07	6.049	
16,100.00	9,360.00	17,112.07	10,175.00	146.25	148.45	122.238	-1,271.33	7,655.62	1,536.94	1,282.87	254.07	6.049	
16,200.00	9,360.00	17,212.06	10,175.00	148.31	150.49	122.238	-1,271.03	7,755.61	1,536.94	1,279.31	257.63	5.966	
16,200.00	9,360.00	17,212.07	10,175.00	148.31	150.49	122.238	-1,271.03	7,755.62	1,536.94	1,279.31	257.63	5.966	
16,300.00	9,360.00	17,312.06	10,175.00	150.37	152.53	122.238	-1,270.73	7,855.61	1,536.94	1,275.74	261.20	5.884	
16,300.00	9,360.00	17,312.07	10,175.00	150.37	152.53	122.238	-1,270.73	7,855.62	1,536.94	1,275.74	261.20	5.884	
16,400.00	9,360.00	17,412.06	10,175.00	152.42	154.58	122.238	-1,270.43	7,955.61	1,536.94	1,272.17	264.77	5.805	
16,400.00	9,360.00	17,412.07	10,175.00	152.42	154.58	122.238	-1,270.43	7,955.62	1,536.94	1,272.17	264.77	5.805	
16,500.00	9,360.00	17,512.06	10,175.00	154.48	156.62	122.238	-1,270.13	8,055.61	1,536.94	1,268.61	268.33	5.728	
16,500.00	9,360.00	17,512.07	10,175.00	154.48	156.62	122.238	-1,270.13	8,055.62	1,536.94	1,268.61	268.33	5.728	
16,600.00	9,360.00	17,612.06	10,175.00	156.54	158.66	122.238	-1,269.84	8,155.61	1,536.94	1,265.04	271.90	5.653	
16,600.00	9,360.00	17,612.07	10,175.00	156.54	158.66	122.238	-1,269.84	8,155.62	1,536.94	1,265.04	271.90	5.653	
16,700.00	9,360.00	17,712.06	10,175.00	158.60	160.71	122.238	-1,269.54	8,255.61	1,536.94	1,261.47	275.47	5.579	
16,700.00	9,360.00	17,712.07	10,175.00	158.60	160.71	122.238	-1,269.54	8,255.62	1,536.94	1,261.47	275.47	5.579	
16,800.00	9,360.00	17,812.06	10,175.00	160.66	162.75	122.238	-1,269.24	8,355.61	1,536.94	1,257.90	279.04	5.508	
16,800.00	9,360.00	17,812.07	10,175.00	160.66	162.75	122.238	-1,269.24	8,355.62	1,536.94	1,257.90	279.04	5.508	
16,900.00	9,360.00	17,912.06	10,175.00	162.73	164.80	122.238	-1,268.94	8,455.61	1,536.94	1,254.33	282.61	5.438	
16,900.00	9,360.00	17,912.07	10,175.00	162.73	164.80	122.238	-1,268.94	8,455.62	1,536.94	1,254.33	282.61	5.438	
17,000.00	9,360.00	18,012.06	10,175.00	164.79	166.84	122.238	-1,268.64	8,555.61	1,536.94	1,250.75	286.19	5.370	
17,000.00	9,360.00	18,012.07	10,175.00	164.79	166.84	122.238	-1,268.64	8,555.62	1,536.94	1,250.75	286.19	5.370	
17,100.00	9,360.00	18,112.06	10,175.00	166.85	168.89	122.238	-1,268.34	8,655.61	1,536.94	1,247.18	289.76	5.304	
17,100.00	9,360.00	18,112.07	10,175.00	166.85	168.89	122.238	-1,268.34	8,655.62	1,536.94	1,247.18	289.76	5.304	
17,200.00	9,360.00	18,212.06	10,175.00	168.91	170.93	122.238	-1,268.05	8,755.61	1,536.94	1,243.61	293.33	5.240	
17,200.00	9,360.00	18,212.07	10,175.00	168.91	170.93	122.238	-1,268.05	8,755.62	1,536.94	1,243.61	293.33	5.240	
17,300.00	9,360.00	18,312.06	10,175.00	170.97	172.98	122.238	-1,267.75	8,855.61	1,536.94	1,240.03	296.91	5.176	
17,300.00	9,360.00	18,312.07	10,175.00	170.97	172.98	122.238	-1,267.75	8,855.62	1,536.94	1,240.03	296.91	5.176	
17,400.00	9,360.00	18,412.06	10,175.00	173.03	175.03	122.238	-1,267.45	8,955.61	1,536.94	1,236.46	300.48	5.115	
17,400.00	9,360.00	18,412.07	10,175.00	173.03	175.03	122.238	-1,267.45	8,955.62	1,536.94	1,236.46	300.48	5.115	
17,500.00	9,360.00	18,512.06	10,175.00	175.09	177.08	122.238	-1,267.15	9,055.61	1,536.94	1,232.88	304.06	5.055	
17,500.00	9,360.00	18,512.07	10,175.00	175.09	177.08	122.238	-1,267.15	9,055.62	1,536.94	1,232.88	304.06	5.055	
17,600.00	9,360.00	18,612.06	10,175.00	177.16	179.13	122.238	-1,266.85	9,155.61	1,536.94	1,229.30	307.64	4.996	
17,600.00	9,360.00	18,612.07	10,175.00	177.16	179.13	122.238	-1,266.85	9,155.62	1,536.94	1,229.30	307.64	4.996	
17,700.00	9,360.00	18,712.06	10,175.00	179.22	181.18	122.238	-1,266.56	9,255.61	1,536.94	1,225.73	311.21	4.939	
17,700.00	9,360.00	18,712.07	10,175.00	179.22	181.18	122.238	-1,266.56	9,255.62	1,536.94	1,225.73	311.21	4.939	
17,800.00	9,360.00	18,812.06	10,175.00	181.28	183.23	122.238	-1,266.26	9,355.61	1,536.94	1,222.15	314.79	4.882	
17,800.00	9,360.00	18,812.07	10,175.00	181.28	183.23	122.238	-1,266.26	9,355.62	1,536.94	1,222.15	314.79	4.882	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (01) Bond 33-34 FED COM #306H - #306H - Plan 1													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis			Offset Wellbore Centre		Distance				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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
17,900.00	9,360.00	18,912.06	10,175.00	183.34	185.28	122.238	-1,265.96	9,455.61	1,536.94	1,218.57	318.37	4.828	
17,900.00	9,360.00	18,912.07	10,175.00	183.34	185.28	122.238	-1,265.96	9,455.61	1,536.94	1,218.57	318.37	4.828	
18,000.00	9,360.00	19,012.06	10,175.00	185.41	187.33	122.238	-1,265.66	9,555.61	1,536.94	1,214.99	321.95	4.774	
18,000.00	9,360.00	19,012.07	10,175.00	185.41	187.33	122.238	-1,265.66	9,555.61	1,536.94	1,214.99	321.95	4.774	
18,100.00	9,360.00	19,112.06	10,175.00	187.47	189.38	122.238	-1,265.36	9,655.60	1,536.94	1,211.41	325.53	4.721	
18,100.00	9,360.00	19,112.07	10,175.00	187.47	189.38	122.238	-1,265.36	9,655.61	1,536.94	1,211.41	325.53	4.721	
18,200.00	9,360.00	19,212.06	10,175.00	189.53	191.43	122.238	-1,265.06	9,755.60	1,536.94	1,207.83	329.11	4.670	
18,200.00	9,360.00	19,212.07	10,175.00	189.53	191.43	122.238	-1,265.06	9,755.61	1,536.94	1,207.83	329.11	4.670	
18,300.00	9,360.00	19,312.06	10,175.00	191.59	193.48	122.238	-1,264.77	9,855.60	1,536.94	1,204.25	332.69	4.620	
18,300.00	9,360.00	19,312.07	10,175.00	191.59	193.48	122.238	-1,264.77	9,855.61	1,536.94	1,204.25	332.69	4.620	
18,400.00	9,360.00	19,412.06	10,175.00	193.66	195.53	122.238	-1,264.47	9,955.60	1,536.94	1,200.67	336.27	4.571	
18,400.00	9,360.00	19,412.07	10,175.00	193.66	195.53	122.238	-1,264.47	9,955.61	1,536.94	1,200.67	336.27	4.571	
18,500.00	9,360.00	19,512.06	10,175.00	195.72	197.59	122.238	-1,264.17	10,055.60	1,536.94	1,197.08	339.86	4.522	
18,500.00	9,360.00	19,512.07	10,175.00	195.72	197.59	122.238	-1,264.17	10,055.61	1,536.94	1,197.08	339.86	4.522	
18,600.00	9,360.00	19,612.06	10,175.00	197.78	199.64	122.238	-1,263.87	10,155.60	1,536.94	1,193.50	343.44	4.475	
18,600.00	9,360.00	19,612.07	10,175.00	197.78	199.64	122.238	-1,263.87	10,155.60	1,536.94	1,193.50	343.44	4.475	
18,700.00	9,360.00	19,712.06	10,175.00	199.85	201.69	122.238	-1,263.57	10,255.60	1,536.94	1,189.92	347.02	4.429	
18,700.00	9,360.00	19,712.07	10,175.00	199.85	201.69	122.238	-1,263.57	10,255.60	1,536.94	1,189.92	347.02	4.429	
18,800.00	9,360.00	19,812.06	10,175.00	201.91	203.75	122.238	-1,263.28	10,355.60	1,536.94	1,186.34	350.60	4.384	
18,800.00	9,360.00	19,812.07	10,175.00	201.91	203.75	122.238	-1,263.28	10,355.60	1,536.94	1,186.34	350.60	4.384	
18,900.00	9,360.00	19,912.06	10,175.00	203.98	205.80	122.238	-1,262.98	10,455.60	1,536.94	1,182.75	354.19	4.339	
18,900.00	9,360.00	19,912.07	10,175.00	203.98	205.80	122.238	-1,262.98	10,455.60	1,536.94	1,182.75	354.19	4.339	
19,000.00	9,360.00	20,012.06	10,175.00	206.04	207.86	122.238	-1,262.68	10,555.60	1,536.94	1,179.17	357.77	4.296	
19,000.00	9,360.00	20,012.07	10,175.00	206.04	207.86	122.238	-1,262.68	10,555.60	1,536.94	1,179.17	357.77	4.296	
19,100.00	9,360.00	20,112.06	10,175.00	208.10	209.91	122.238	-1,262.38	10,655.60	1,536.94	1,175.58	361.36	4.253	
19,100.00	9,360.00	20,112.07	10,175.00	208.10	209.91	122.238	-1,262.38	10,655.60	1,536.94	1,175.58	361.36	4.253	
19,200.00	9,360.00	20,212.06	10,175.00	210.17	211.96	122.238	-1,262.08	10,755.60	1,536.94	1,172.00	364.94	4.211	
19,200.00	9,360.00	20,212.07	10,175.00	210.17	211.96	122.238	-1,262.08	10,755.60	1,536.94	1,172.00	364.94	4.211	
19,300.00	9,360.00	20,312.06	10,175.00	212.23	214.02	122.238	-1,261.78	10,855.60	1,536.94	1,168.41	368.53	4.170	
19,300.00	9,360.00	20,312.07	10,175.00	212.23	214.02	122.238	-1,261.78	10,855.60	1,536.94	1,168.41	368.53	4.170	
19,400.00	9,360.00	20,412.06	10,175.00	214.30	216.08	122.238	-1,261.49	10,955.60	1,536.94	1,164.82	372.12	4.130	
19,400.00	9,360.00	20,412.07	10,175.00	214.30	216.08	122.238	-1,261.49	10,955.60	1,536.94	1,164.82	372.12	4.130	
19,500.00	9,360.00	20,512.06	10,175.00	216.36	218.13	122.238	-1,261.19	11,055.60	1,536.94	1,161.24	375.70	4.091	
19,500.00	9,360.00	20,512.07	10,175.00	216.36	218.13	122.238	-1,261.19	11,055.60	1,536.94	1,161.24	375.70	4.091	
19,600.00	9,360.00	20,612.06	10,175.00	218.43	220.19	122.238	-1,260.89	11,155.60	1,536.94	1,157.65	379.29	4.052	
19,600.00	9,360.00	20,612.07	10,175.00	218.43	220.19	122.238	-1,260.89	11,155.60	1,536.94	1,157.65	379.29	4.052	
19,700.00	9,360.00	20,712.06	10,175.00	220.49	222.24	122.238	-1,260.59	11,255.60	1,536.94	1,154.06	382.88	4.014	
19,700.00	9,360.00	20,712.07	10,175.00	220.49	222.24	122.238	-1,260.59	11,255.60	1,536.94	1,154.06	382.88	4.014	
19,800.00	9,360.00	20,812.06	10,175.00	222.56	224.30	122.238	-1,260.29	11,355.60	1,536.94	1,150.48	386.46	3.977	
19,800.00	9,360.00	20,812.07	10,175.00	222.56	224.30	122.238	-1,260.29	11,355.60	1,536.94	1,150.48	386.46	3.977	
19,900.00	9,360.00	20,912.06	10,175.00	224.62	226.36	122.238	-1,260.00	11,455.60	1,536.94	1,146.89	390.05	3.940	
19,900.00	9,360.00	20,912.07	10,175.00	224.62	226.36	122.238	-1,260.00	11,455.60	1,536.94	1,146.89	390.05	3.940	
20,000.00	9,360.00	21,012.06	10,175.00	226.69	228.41	122.238	-1,259.70	11,555.60	1,536.94	1,143.30	393.64	3.904	
20,000.00	9,360.00	21,012.07	10,175.00	226.69	228.41	122.238	-1,259.70	11,555.60	1,536.94	1,143.30	393.64	3.904	
20,100.00	9,360.00	21,112.06	10,175.00	228.75	230.47	122.238	-1,259.40	11,655.60	1,536.94	1,139.71	397.23	3.869	
20,100.00	9,360.00	21,112.07	10,175.00	228.75	230.47	122.238	-1,259.40	11,655.62	1,536.94	1,139.71	397.23	3.869	
20,181.28	9,360.00	21,193.34	10,175.00	230.43	232.14	122.238	-1,259.16	11,736.88	1,536.94	1,136.80	400.15	3.841 SF	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (02) Bond 33-34 FED COM #304H - #304H - Plan 1													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		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 Centres (usft)	Between Ellipses (usft)			
0.00	0.00	0.00	0.00	0.00	0.00	171.253	-296.62	45.64	300.14				
100.00	100.00	96.08	96.08	0.79	0.75	171.253	-296.62	45.64	300.11	298.57	1.54	194.816	
200.00	200.00	196.08	196.08	1.45	1.42	171.253	-296.62	45.64	300.11	297.25	2.87	104.704	
300.00	300.00	296.08	296.08	1.89	1.87	171.253	-296.62	45.64	300.11	296.35	3.77	79.692	
400.00	400.00	396.08	396.08	2.25	2.24	171.253	-296.62	45.64	300.11	295.62	4.49	66.793	
500.00	500.00	496.08	496.08	2.57	2.56	171.253	-296.62	45.64	300.11	294.99	5.12	58.581	
600.00	600.00	596.08	596.08	2.85	2.84	171.253	-296.62	45.64	300.11	294.43	5.69	52.761	
700.00	700.00	696.08	696.08	3.11	3.10	171.253	-296.62	45.64	300.11	293.91	6.21	48.357	
800.00	800.00	796.08	796.08	3.35	3.34	171.253	-296.62	45.64	300.11	293.43	6.69	44.872	
900.00	900.00	896.08	896.08	3.58	3.57	171.253	-296.62	45.64	300.11	292.97	7.14	42.024	
1,000.00	1,000.00	996.08	996.08	3.79	3.78	171.253	-296.62	45.64	300.11	292.54	7.57	39.640	
1,100.00	1,100.00	1,096.08	1,096.08	3.99	3.99	171.253	-296.62	45.64	300.11	292.13	7.98	37.604	
1,200.00	1,200.00	1,196.08	1,196.08	4.19	4.18	171.253	-296.62	45.64	300.11	291.74	8.37	35.839	
1,300.00	1,300.00	1,296.08	1,296.08	4.38	4.37	171.253	-296.62	45.64	300.11	291.36	8.75	34.289	
1,400.00	1,400.00	1,396.08	1,396.08	4.56	4.56	171.253	-296.62	45.64	300.11	291.00	9.12	32.915	
1,500.00	1,500.00	1,496.08	1,496.08	4.74	4.73	171.253	-296.62	45.64	300.11	290.64	9.47	31.683	
1,600.00	1,600.00	1,596.08	1,596.08	4.91	4.90	171.253	-296.62	45.64	300.11	290.30	9.82	30.572	
1,700.00	1,700.00	1,696.08	1,696.08	5.08	5.07	171.253	-296.62	45.64	300.11	289.96	10.15	29.563	
1,800.00	1,800.00	1,796.08	1,796.08	5.24	5.24	171.253	-296.62	45.64	300.11	289.63	10.48	28.640	
1,900.00	1,900.00	1,896.08	1,896.08	5.40	5.40	171.253	-296.62	45.64	300.11	289.32	10.80	27.792	
2,000.00	2,000.00	1,996.08	1,996.08	5.56	5.55	171.253	-296.62	45.64	300.11	289.00	11.11	27.010	
2,100.00	2,100.00	2,107.64	2,107.58	5.71	5.97	170.830	-294.22	47.49	298.25	286.71	11.55	25.830	
2,200.00	2,200.00	2,218.93	2,218.45	5.86	6.39	169.468	-286.70	53.30	292.47	280.52	11.96	24.460	
2,300.00	2,300.00	2,328.76	2,327.14	6.01	6.81	167.085	-274.28	62.89	283.11	270.78	12.34	22.951	
2,400.00	2,400.00	2,436.43	2,432.64	6.16	7.17	163.548	-257.33	75.99	270.80	258.16	12.63	21.439	
2,500.00	2,500.00	2,535.28	2,528.71	6.30	7.37	159.308	-238.89	90.23	257.44	244.59	12.85	20.032	
2,600.00	2,600.00	2,632.44	2,623.10	6.44	7.61	154.705	-220.69	104.29	245.58	232.47	13.11	18.738	
2,700.00	2,700.00	2,729.60	2,717.50	6.58	7.88	149.693	-202.48	118.35	235.51	222.16	13.35	17.642	
2,800.00	2,800.00	2,826.75	2,811.89	6.71	8.16	144.301	-184.28	132.41	227.47	213.88	13.58	16.745	
2,900.00	2,900.00	2,923.91	2,906.29	6.85	8.47	138.589	-166.08	146.47	221.68	207.86	13.82	16.042	
3,000.00	3,000.00	3,021.07	3,000.68	6.98	8.78	132.649	-147.87	160.53	218.31	204.24	14.07	15.521	
3,082.16	3,082.16	3,100.89	3,078.24	7.09	9.05	127.682	-132.92	172.08	217.44	203.15	14.29	15.216 CC	
3,100.00	3,100.00	3,118.23	3,095.08	7.12	9.12	126.601	-129.67	174.59	217.48	203.14	14.34	15.163 ES	
3,200.00	3,200.00	3,215.38	3,189.48	7.25	9.46	120.577	-111.47	188.65	219.22	204.55	14.67	14.944	
3,300.00	3,300.00	3,312.54	3,283.87	7.37	9.81	114.706	-93.26	202.71	223.47	208.42	15.05	14.844	
3,400.00	3,400.00	3,409.70	3,378.27	7.50	10.18	109.099	-75.06	216.77	230.09	214.59	15.50	14.841	
3,500.00	3,500.00	3,506.85	3,472.66	7.63	10.55	103.837	-56.86	230.83	238.88	222.87	16.01	14.921	
3,600.00	3,599.98	3,604.25	3,567.29	7.80	10.93	9.611	-38.61	244.93	247.91	231.30	16.61	14.925	
3,700.00	3,699.84	3,702.04	3,662.29	7.98	11.32	5.201	-20.29	259.08	255.15	237.90	17.24	14.797	
3,800.00	3,799.45	3,800.10	3,757.57	8.16	11.72	1.072	-1.91	273.27	260.37	242.44	17.93	14.523	
3,900.00	3,898.70	3,898.31	3,852.99	8.36	12.13	-2.912	16.49	287.48	263.45	244.78	18.66	14.115	
4,000.00	3,997.47	3,996.56	3,948.45	8.59	12.54	-6.874	34.90	301.70	264.34	244.89	19.45	13.590	
4,100.00	4,095.62	4,094.73	4,043.83	8.83	12.95	-10.930	53.29	315.91	263.11	242.82	20.29	12.968	
4,200.00	4,193.08	4,192.71	4,139.02	9.02	13.37	-15.187	71.65	330.09	260.00	238.90	21.10	12.323	
4,300.00	4,290.34	4,290.61	4,234.13	9.26	13.79	-19.575	89.99	344.26	257.52	235.56	21.97	11.724	
4,389.13	4,377.01	4,377.87	4,318.91	9.48	14.17	-23.533	106.34	356.88	256.66	233.92	22.74	11.285	
4,400.00	4,387.59	4,388.51	4,329.25	9.50	14.22	-24.017	108.33	358.42	256.64	233.80	22.84	11.238	
4,500.00	4,484.84	4,486.41	4,424.37	9.77	14.65	-28.462	126.68	372.59	257.38	233.68	23.70	10.860	
4,600.00	4,582.09	4,584.32	4,519.49	10.05	15.08	-32.856	145.02	386.76	259.71	235.18	24.53	10.586	
4,700.00	4,679.34	4,682.22	4,614.61	10.35	15.51	-37.150	163.36	400.93	263.61	238.28	25.33	10.408	
4,800.00	4,776.59	4,780.12	4,709.73	10.66	15.95	-41.302	181.71	415.10	268.99	242.92	26.07	10.317	
4,900.00	4,873.84	4,878.03	4,804.85	10.99	16.39	-45.277	200.05	429.26	275.78	249.02	26.76	10.304	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (02) Bond 33-34 FED COM #304H - #304H - Plan 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IFR1												Offset Well Error:	0.00 usft
Reference	Offset	Semi Major Axis		Highside		Offset Wellbore Centre		Distance		Minimum	Separation	Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Separation (usft)		
5,000.00	4,971.09	4,975.93	4,899.97	11.32	16.83	-49.051	218.39	443.43	283.87	256.47	27.40	10.360	
5,100.00	5,068.34	5,073.83	4,995.09	11.67	17.28	-52.608	236.74	457.60	293.15	265.16	27.99	10.474	
5,200.00	5,165.59	5,171.74	5,090.21	12.03	17.72	-55.941	255.08	471.77	303.52	274.99	28.53	10.637	
5,300.00	5,262.84	5,269.64	5,185.33	12.39	18.17	-59.052	273.42	485.94	314.87	285.83	29.04	10.843	
5,400.00	5,360.09	5,367.54	5,280.45	12.77	18.62	-61.943	291.76	500.10	327.10	297.58	29.52	11.082	
5,500.00	5,457.34	5,465.45	5,375.57	13.15	19.07	-64.626	310.11	514.27	340.10	310.13	29.97	11.349	
5,600.00	5,554.59	5,563.35	5,470.69	13.54	19.52	-67.111	328.45	528.44	353.80	323.40	30.40	11.637	
5,700.00	5,651.84	5,661.25	5,565.81	13.93	19.97	-69.410	346.79	542.61	368.12	337.30	30.82	11.943	
5,800.00	5,749.09	5,759.15	5,660.93	14.33	20.43	-71.537	365.14	556.78	382.99	351.76	31.24	12.262	
5,900.00	5,846.35	5,857.06	5,756.05	14.74	20.88	-73.507	383.48	570.95	398.35	366.71	31.64	12.589	
6,000.00	5,943.60	5,954.96	5,851.17	15.15	21.34	-75.330	401.82	585.11	414.14	382.09	32.05	12.923	
6,100.00	6,040.85	6,052.86	5,946.29	15.57	21.80	-77.020	420.17	599.28	430.31	397.86	32.45	13.260	
6,200.00	6,138.10	6,150.77	6,041.41	15.99	22.26	-78.588	438.51	613.45	446.83	413.97	32.86	13.599	
6,300.00	6,235.35	6,248.67	6,136.53	16.41	22.72	-80.045	456.85	627.62	463.65	430.38	33.27	13.938	
6,400.00	6,332.60	6,346.57	6,231.65	16.84	23.18	-81.401	475.20	641.79	480.75	447.07	33.68	14.275	
6,500.00	6,429.85	6,444.48	6,326.77	17.27	23.64	-82.664	493.54	655.95	498.09	464.00	34.10	14.609	
6,600.00	6,527.10	6,542.38	6,421.89	17.70	24.10	-83.842	511.88	670.12	515.66	481.14	34.52	14.939	
6,700.00	6,624.35	6,640.28	6,517.01	18.14	24.56	-84.943	530.23	684.29	533.42	498.47	34.95	15.261	
6,800.00	6,721.92	6,738.29	6,612.24	18.59	25.03	-86.156	548.59	698.47	551.47	516.07	35.40	15.578	
6,900.00	6,820.20	6,839.67	6,710.74	19.03	25.50	-87.013	567.55	713.12	569.79	533.88	35.91	15.867	
7,000.00	6,919.06	6,970.15	6,838.65	19.46	26.14	-87.765	587.85	728.80	585.10	548.57	36.53	16.016	
7,100.00	7,018.38	7,102.23	6,969.61	19.87	26.75	-88.464	601.31	739.20	595.10	558.09	37.00	16.083	
7,200.00	7,118.05	7,235.12	7,102.23	20.25	27.21	-89.128	607.60	744.05	599.70	562.49	37.21	16.117	
7,300.00	7,217.94	7,346.91	7,214.02	20.58	27.33	-89.604	608.07	744.41	600.01	562.77	37.23	16.115	
7,400.00	7,317.93	7,446.90	7,314.01	20.72	27.37	-0.335	608.07	744.41	600.00	562.68	37.32	16.075	
7,500.00	7,417.93	7,546.90	7,414.01	20.78	27.41	-0.335	608.07	744.41	600.00	562.54	37.46	16.015	
7,600.00	7,517.93	7,646.90	7,514.01	20.82	27.46	-0.335	608.07	744.41	600.00	562.41	37.59	15.961	
7,700.00	7,617.93	7,746.90	7,614.01	20.87	27.50	-0.335	608.07	744.41	600.00	562.28	37.72	15.907	
7,800.00	7,717.93	7,846.90	7,714.01	20.92	27.54	-0.335	608.07	744.41	600.00	562.15	37.85	15.854	
7,900.00	7,817.93	7,946.90	7,814.01	20.97	27.58	-0.335	608.07	744.41	600.00	562.03	37.97	15.801	
8,000.00	7,917.93	8,046.90	7,914.01	21.01	27.62	-0.335	608.07	744.41	600.00	561.90	38.10	15.748	
8,100.00	8,017.93	8,146.90	8,014.01	21.06	27.67	-0.335	608.07	744.41	600.00	561.77	38.23	15.695	
8,200.00	8,117.93	8,246.90	8,114.01	21.11	27.71	-0.335	608.07	744.41	600.00	561.64	38.36	15.642	
8,300.00	8,217.93	8,346.90	8,214.01	21.16	27.75	-0.335	608.07	744.41	600.00	561.51	38.49	15.590	
8,400.00	8,317.93	8,446.90	8,314.01	21.21	27.80	-0.335	608.07	744.41	600.00	561.39	38.61	15.538	
8,500.00	8,417.93	8,546.90	8,414.01	21.26	27.84	-0.335	608.07	744.41	600.00	561.26	38.74	15.486	
8,600.00	8,517.93	8,646.90	8,514.01	21.31	27.88	-0.335	608.07	744.41	600.00	561.13	38.87	15.435	
8,700.00	8,617.93	8,746.90	8,614.01	21.35	27.93	-0.335	608.07	744.41	600.00	561.00	39.00	15.384	
8,800.00	8,717.93	8,846.90	8,714.01	21.40	27.97	-0.335	608.07	744.41	600.00	560.87	39.13	15.333	
8,900.00	8,817.93	8,946.90	8,814.01	21.44	28.01	-0.335	608.07	744.41	600.00	560.74	39.26	15.282	
9,000.00	8,916.79	9,045.77	8,912.87	21.94	28.06	-91.544	608.07	744.41	600.23	561.06	39.16	15.326	
9,100.00	9,011.73	9,140.70	9,007.81	22.47	28.10	-94.175	608.07	744.41	601.88	562.95	38.93	15.461	
9,200.00	9,099.84	9,228.81	9,095.92	23.01	28.14	-97.528	608.07	744.41	607.42	568.78	38.63	15.723	
9,300.00	9,178.45	9,307.42	9,174.53	23.52	28.17	-100.768	608.07	744.41	620.01	581.60	38.41	16.144	
9,400.00	9,245.16	9,374.13	9,241.24	23.97	28.20	-102.996	608.07	744.41	642.78	604.40	38.37	16.751	
9,500.00	9,297.95	9,426.93	9,294.03	24.35	28.23	-103.381	608.07	744.41	677.82	639.23	38.59	17.563	
9,600.00	9,335.22	9,464.20	9,331.30	24.62	28.24	-101.189	608.07	744.41	725.58	686.54	39.04	18.586	
9,700.00	9,355.84	9,484.81	9,351.92	24.78	28.25	-95.972	608.07	744.41	784.70	745.08	39.62	19.803	
9,800.00	9,360.00	9,488.97	9,356.08	24.83	28.26	-90.000	608.07	744.41	852.47	812.23	40.24	21.183	
9,900.00	9,360.00	9,488.97	9,356.08	24.86	28.26	-90.000	608.07	744.41	926.18	885.30	40.88	22.654	
10,000.00	9,360.00	9,488.97	9,356.08	24.94	28.26	-90.000	608.07	744.41	1,004.46	962.94	41.52	24.192	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (02) Bond 33-34 FED COM #304H - #304H - Plan 1													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis			Offset Wellbore Centre		Distance			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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		
10,100.00	9,360.00	10,967.54	10,175.00	26.19	33.81	-143.771	610.77	1,649.97	1,015.20	970.40	44.80	22.661	
10,100.00	9,360.00	10,967.54	10,175.00	26.19	33.81	-143.771	610.77	1,649.98	1,015.20	970.40	44.80	22.660	
10,200.00	9,360.00	11,067.54	10,175.00	27.89	34.80	-143.771	611.07	1,749.97	1,015.20	968.82	46.38	21.889	
10,200.00	9,360.00	11,067.54	10,175.00	27.89	34.80	-143.771	611.07	1,749.98	1,015.20	968.82	46.38	21.888	
10,300.00	9,360.00	11,167.54	10,175.00	29.64	35.92	-143.771	611.37	1,849.97	1,015.20	967.13	48.06	21.122	
10,300.00	9,360.00	11,167.54	10,175.00	29.64	35.92	-143.771	611.37	1,849.98	1,015.20	967.13	48.06	21.122	
10,400.00	9,360.00	11,267.54	10,175.00	31.43	37.15	-143.771	611.66	1,949.97	1,015.20	965.36	49.84	20.369	
10,400.00	9,360.00	11,267.54	10,175.00	31.43	37.16	-143.771	611.66	1,949.98	1,015.20	965.36	49.84	20.369	
10,500.00	9,360.00	11,367.54	10,175.00	33.25	38.49	-143.771	611.96	2,049.97	1,015.20	963.50	51.70	19.635	
10,500.00	9,360.00	11,367.54	10,175.00	33.25	38.49	-143.771	611.96	2,049.98	1,015.20	963.50	51.70	19.635	
10,600.00	9,360.00	11,467.54	10,175.00	35.10	39.92	-143.771	612.26	2,149.97	1,015.20	961.56	53.64	18.927	
10,600.00	9,360.00	11,467.54	10,175.00	35.10	39.92	-143.771	612.26	2,149.97	1,015.20	961.56	53.64	18.927	
10,700.00	9,360.00	11,567.54	10,175.00	36.98	41.42	-143.771	612.56	2,249.97	1,015.20	959.56	55.64	18.245	
10,700.00	9,360.00	11,567.54	10,175.00	36.98	41.42	-143.771	612.56	2,249.97	1,015.20	959.55	55.64	18.245	
10,800.00	9,360.00	11,667.54	10,175.00	38.87	42.98	-143.771	612.86	2,349.97	1,015.20	957.49	57.71	17.592	
10,800.00	9,360.00	11,667.54	10,175.00	38.87	42.98	-143.771	612.86	2,349.97	1,015.20	957.49	57.71	17.592	
10,900.00	9,360.00	11,767.54	10,175.00	40.78	44.60	-143.771	613.15	2,449.97	1,015.20	955.37	59.83	16.968	
10,900.00	9,360.00	11,767.54	10,175.00	40.78	44.60	-143.771	613.15	2,449.97	1,015.20	955.37	59.83	16.968	
11,000.00	9,360.00	11,867.54	10,175.00	42.71	46.27	-143.771	613.45	2,549.97	1,015.20	953.20	62.00	16.375	
11,000.00	9,360.00	11,867.54	10,175.00	42.71	46.27	-143.771	613.45	2,549.97	1,015.20	953.20	62.00	16.375	
11,100.00	9,360.00	11,967.54	10,175.00	44.65	47.97	-143.771	613.75	2,649.97	1,015.20	950.99	64.21	15.810	
11,100.00	9,360.00	11,967.54	10,175.00	44.65	47.97	-143.771	613.75	2,649.97	1,015.20	950.99	64.21	15.810	
11,200.00	9,360.00	12,067.54	10,175.00	46.60	49.70	-143.771	614.05	2,749.97	1,015.20	948.73	66.46	15.274	
11,200.00	9,360.00	12,067.54	10,175.00	46.60	49.70	-143.771	614.05	2,749.97	1,015.20	948.73	66.46	15.274	
11,300.00	9,360.00	12,167.54	10,175.00	48.56	51.47	-143.771	614.35	2,849.97	1,015.20	946.44	68.75	14.766	
11,300.00	9,360.00	12,167.54	10,175.00	48.56	51.47	-143.771	614.35	2,849.97	1,015.20	946.44	68.75	14.766	
11,400.00	9,360.00	12,267.54	10,175.00	50.53	53.26	-143.771	614.65	2,949.97	1,015.20	944.12	71.08	14.283	
11,400.00	9,360.00	12,267.54	10,175.00	50.53	53.26	-143.771	614.65	2,949.97	1,015.20	944.12	71.08	14.283	
11,500.00	9,360.00	12,367.54	10,175.00	52.50	55.07	-143.771	614.94	3,049.97	1,015.20	941.77	73.43	13.826	
11,500.00	9,360.00	12,367.54	10,175.00	52.50	55.08	-143.771	614.94	3,049.97	1,015.20	941.77	73.43	13.826	
11,600.00	9,360.00	12,467.54	10,175.00	54.49	56.91	-143.771	615.24	3,149.97	1,015.20	939.39	75.81	13.392	
11,600.00	9,360.00	12,467.54	10,175.00	54.49	56.91	-143.771	615.24	3,149.97	1,015.20	939.39	75.81	13.392	
11,700.00	9,360.00	12,567.54	10,175.00	56.48	58.76	-143.771	615.54	3,249.97	1,015.20	936.99	78.21	12.981	
11,700.00	9,360.00	12,567.54	10,175.00	56.48	58.76	-143.771	615.54	3,249.97	1,015.20	936.99	78.21	12.981	
11,800.00	9,360.00	12,667.54	10,175.00	58.47	60.63	-143.771	615.84	3,349.97	1,015.20	934.57	80.63	12.591	
11,800.00	9,360.00	12,667.54	10,175.00	58.47	60.63	-143.771	615.84	3,349.97	1,015.20	934.57	80.63	12.591	
11,900.00	9,360.00	12,767.54	10,175.00	60.47	62.51	-143.771	616.14	3,449.97	1,015.20	932.12	83.08	12.220	
11,900.00	9,360.00	12,767.54	10,175.00	60.47	62.51	-143.771	616.14	3,449.97	1,015.20	932.12	83.08	12.220	
12,000.00	9,360.00	12,867.54	10,175.00	62.48	64.40	-143.771	616.44	3,549.97	1,015.20	929.66	85.54	11.868	
12,000.00	9,360.00	12,867.54	10,175.00	62.48	64.40	-143.771	616.44	3,549.97	1,015.20	929.66	85.54	11.868	
12,100.00	9,360.00	12,967.54	10,175.00	64.49	66.31	-143.771	616.73	3,649.97	1,015.20	927.18	88.02	11.534	
12,100.00	9,360.00	12,967.54	10,175.00	64.49	66.31	-143.771	616.73	3,649.97	1,015.20	927.18	88.02	11.534	
12,200.00	9,360.00	13,067.54	10,175.00	66.50	68.22	-143.771	617.03	3,749.97	1,015.20	924.68	90.52	11.216	
12,200.00	9,360.00	13,067.54	10,175.00	66.50	68.22	-143.771	617.03	3,749.97	1,015.20	924.68	90.52	11.216	
12,300.00	9,360.00	13,167.54	10,175.00	68.52	70.14	-143.771	617.33	3,849.96	1,015.20	922.17	93.02	10.913	
12,300.00	9,360.00	13,167.54	10,175.00	68.52	70.14	-143.771	617.33	3,849.97	1,015.20	922.17	93.02	10.913	
12,400.00	9,360.00	13,267.54	10,175.00	70.54	72.08	-143.771	617.63	3,949.96	1,015.20	919.65	95.55	10.625	
12,400.00	9,360.00	13,267.54	10,175.00	70.54	72.08	-143.771	617.63	3,949.97	1,015.20	919.65	95.55	10.625	
12,500.00	9,360.00	13,367.54	10,175.00	72.56	74.02	-143.771	617.93	4,049.96	1,015.20	917.12	98.08	10.350	
12,500.00	9,360.00	13,367.54	10,175.00	72.56	74.02	-143.771	617.93	4,049.97	1,015.20	917.12	98.08	10.350	
12,600.00	9,360.00	13,467.54	10,175.00	74.58	75.97	-143.771	618.22	4,149.96	1,015.20	914.57	100.63	10.089	
12,600.00	9,360.00	13,467.54	10,175.00	74.58	75.97	-143.771	618.22	4,149.97	1,015.20	914.57	100.63	10.089	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (02) Bond 33-34 FED COM #304H - #304H - Plan 1													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis			Offset Wellbore Centre		Distance			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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		
12,700.00	9,360.00	13,567.54	10,175.00	76.61	77.92	-143.771	618.52	4,249.96	1,015.20	912.01	103.19	9.839	
12,700.00	9,360.00	13,567.54	10,175.00	76.61	77.92	-143.771	618.52	4,249.97	1,015.20	912.01	103.19	9.839	
12,800.00	9,360.00	13,667.54	10,175.00	78.64	79.88	-143.771	618.82	4,349.96	1,015.20	909.45	105.75	9.600	
12,800.00	9,360.00	13,667.54	10,175.00	78.64	79.88	-143.771	618.82	4,349.96	1,015.20	909.45	105.75	9.600	
12,900.00	9,360.00	13,767.54	10,175.00	80.67	81.85	-143.771	619.12	4,449.96	1,015.20	906.87	108.33	9.372	
12,900.00	9,360.00	13,767.54	10,175.00	80.67	81.85	-143.771	619.12	4,449.96	1,015.20	906.87	108.33	9.372	
13,000.00	9,360.00	13,867.54	10,175.00	82.71	83.82	-143.771	619.42	4,549.96	1,015.20	904.29	110.91	9.153	
13,000.00	9,360.00	13,867.54	10,175.00	82.71	83.82	-143.771	619.42	4,549.96	1,015.20	904.29	110.91	9.153	
13,100.00	9,360.00	13,967.54	10,175.00	84.74	85.79	-143.771	619.72	4,649.96	1,015.20	901.70	113.50	8.944	
13,100.00	9,360.00	13,967.54	10,175.00	84.74	85.79	-143.771	619.72	4,649.96	1,015.20	901.70	113.50	8.944	
13,200.00	9,360.00	14,067.54	10,175.00	86.78	87.77	-143.771	620.01	4,749.96	1,015.20	899.10	116.10	8.744	
13,200.00	9,360.00	14,067.54	10,175.00	86.78	87.77	-143.771	620.01	4,749.96	1,015.20	899.10	116.10	8.744	
13,300.00	9,360.00	14,167.54	10,175.00	88.82	89.76	-143.771	620.31	4,849.96	1,015.20	896.49	118.70	8.552	
13,300.00	9,360.00	14,167.54	10,175.00	88.82	89.76	-143.771	620.31	4,849.96	1,015.20	896.49	118.70	8.552	
13,400.00	9,360.00	14,267.54	10,175.00	90.86	91.75	-143.771	620.61	4,949.96	1,015.20	893.88	121.32	8.368	
13,400.00	9,360.00	14,267.54	10,175.00	90.86	91.75	-143.771	620.61	4,949.96	1,015.20	893.88	121.32	8.368	
13,500.00	9,360.00	14,367.54	10,175.00	92.90	93.74	-143.771	620.91	5,049.96	1,015.20	891.27	123.93	8.192	
13,500.00	9,360.00	14,367.54	10,175.00	92.90	93.74	-143.771	620.91	5,049.96	1,015.20	891.27	123.93	8.192	
13,600.00	9,360.00	14,467.54	10,175.00	94.94	95.73	-143.771	621.21	5,149.96	1,015.20	888.64	126.56	8.022	
13,600.00	9,360.00	14,467.54	10,175.00	94.94	95.73	-143.771	621.21	5,149.96	1,015.20	888.64	126.56	8.022	
13,700.00	9,360.00	14,567.54	10,175.00	96.98	97.73	-143.771	621.51	5,249.96	1,015.20	886.01	129.18	7.859	
13,700.00	9,360.00	14,567.54	10,175.00	96.98	97.73	-143.771	621.51	5,249.96	1,015.20	886.01	129.18	7.859	
13,800.00	9,360.00	14,667.54	10,175.00	99.03	99.73	-143.771	621.80	5,349.96	1,015.20	883.38	131.82	7.702	
13,800.00	9,360.00	14,667.54	10,175.00	99.03	99.73	-143.771	621.80	5,349.96	1,015.20	883.38	131.82	7.702	
13,900.00	9,360.00	14,767.54	10,175.00	101.07	101.74	-143.771	622.10	5,449.96	1,015.20	880.74	134.45	7.551	
13,900.00	9,360.00	14,767.54	10,175.00	101.07	101.74	-143.771	622.10	5,449.96	1,015.20	880.74	134.45	7.551	
14,000.00	9,360.00	14,867.54	10,175.00	103.12	103.74	-143.771	622.40	5,549.96	1,015.20	878.10	137.10	7.405	
14,000.00	9,360.00	14,867.54	10,175.00	103.12	103.74	-143.771	622.40	5,549.96	1,015.20	878.10	137.10	7.405	
14,100.00	9,360.00	14,967.54	10,175.00	105.17	105.75	-143.771	622.70	5,649.96	1,015.20	875.46	139.74	7.265	
14,100.00	9,360.00	14,967.54	10,175.00	105.17	105.75	-143.771	622.70	5,649.96	1,015.20	875.46	139.74	7.265	
14,200.00	9,360.00	15,067.54	10,175.00	107.21	107.76	-143.771	623.00	5,749.96	1,015.20	872.81	142.39	7.130	
14,200.00	9,360.00	15,067.54	10,175.00	107.21	107.76	-143.771	623.00	5,749.96	1,015.20	872.81	142.39	7.130	
14,300.00	9,360.00	15,167.54	10,175.00	109.26	109.78	-143.771	623.29	5,849.96	1,015.20	870.15	145.04	6.999	
14,300.00	9,360.00	15,167.54	10,175.00	109.26	109.78	-143.771	623.29	5,849.96	1,015.20	870.15	145.04	6.999	
14,400.00	9,360.00	15,267.54	10,175.00	111.31	111.79	-143.771	623.59	5,949.96	1,015.20	867.50	147.70	6.873	
14,400.00	9,360.00	15,267.54	10,175.00	111.31	111.79	-143.771	623.59	5,949.96	1,015.20	867.50	147.70	6.873	
14,500.00	9,360.00	15,367.54	10,175.00	113.36	113.81	-143.771	623.89	6,049.95	1,015.20	864.84	150.36	6.752	
14,500.00	9,360.00	15,367.54	10,175.00	113.36	113.81	-143.771	623.89	6,049.95	1,015.20	864.84	150.36	6.752	
14,600.00	9,360.00	15,467.54	10,175.00	115.42	115.83	-143.771	624.19	6,149.95	1,015.20	862.17	153.02	6.634	
14,600.00	9,360.00	15,467.54	10,175.00	115.42	115.83	-143.771	624.19	6,149.95	1,015.20	862.17	153.02	6.634	
14,700.00	9,360.00	15,567.54	10,175.00	117.47	117.85	-143.771	624.49	6,249.95	1,015.20	859.51	155.69	6.521	
14,700.00	9,360.00	15,567.54	10,175.00	117.47	117.85	-143.771	624.49	6,249.95	1,015.20	859.51	155.69	6.521	
14,800.00	9,360.00	15,667.54	10,175.00	119.52	119.88	-143.771	624.79	6,349.95	1,015.20	856.84	158.36	6.411	
14,800.00	9,360.00	15,667.54	10,175.00	119.52	119.88	-143.771	624.79	6,349.95	1,015.20	856.84	158.36	6.411	
14,900.00	9,360.00	15,767.54	10,175.00	121.57	121.90	-143.771	625.08	6,449.95	1,015.20	854.17	161.03	6.304	
14,900.00	9,360.00	15,767.54	10,175.00	121.57	121.90	-143.771	625.08	6,449.95	1,015.20	854.17	161.03	6.304	
15,000.00	9,360.00	15,867.54	10,175.00	123.63	123.93	-143.771	625.38	6,549.95	1,015.20	851.49	163.70	6.201	
15,000.00	9,360.00	15,867.54	10,175.00	123.63	123.93	-143.771	625.38	6,549.95	1,015.20	851.49	163.70	6.201	
15,100.00	9,360.00	15,967.54	10,175.00	125.68	125.95	-143.771	625.68	6,649.95	1,015.20	848.82	166.38	6.102	
15,100.00	9,360.00	15,967.54	10,175.00	125.68	125.95	-143.771	625.68	6,649.95	1,015.20	848.82	166.38	6.102	
15,200.00	9,360.00	16,067.54	10,175.00	127.74	127.98	-143.771	625.98	6,749.95	1,015.20	846.14	169.06	6.005	
15,200.00	9,360.00	16,067.54	10,175.00	127.74	127.98	-143.771	625.98	6,749.95	1,015.20	846.14	169.06	6.005	

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



Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (02) Bond 33-34 FED COM #304H - #304H - Plan 1													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis			Offset Wellbore Centre		Distance			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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		
15,300.00	9,360.00	16,167.54	10,175.00	129.79	130.01	-143.771	626.28	6,849.95	1,015.20	843.46	171.74	5.911	
15,300.00	9,360.00	16,167.54	10,175.00	129.79	130.01	-143.771	626.28	6,849.95	1,015.20	843.46	171.74	5.911	
15,400.00	9,360.00	16,267.54	10,175.00	131.85	132.04	-143.771	626.57	6,949.95	1,015.20	840.78	174.42	5.820	
15,400.00	9,360.00	16,267.54	10,175.00	131.85	132.04	-143.771	626.57	6,949.95	1,015.20	840.78	174.42	5.820	
15,500.00	9,360.00	16,367.54	10,175.00	133.90	134.08	-143.771	626.87	7,049.95	1,015.20	838.09	177.11	5.732	
15,500.00	9,360.00	16,367.54	10,175.00	133.90	134.08	-143.771	626.87	7,049.95	1,015.20	838.09	177.11	5.732	
15,600.00	9,360.00	16,467.54	10,175.00	135.96	136.11	-143.771	627.17	7,149.95	1,015.20	835.40	179.79	5.646	
15,600.00	9,360.00	16,467.54	10,175.00	135.96	136.11	-143.771	627.17	7,149.95	1,015.20	835.40	179.79	5.646	
15,700.00	9,360.00	16,567.54	10,175.00	138.02	138.14	-143.771	627.47	7,249.95	1,015.20	832.72	182.48	5.563	
15,700.00	9,360.00	16,567.54	10,175.00	138.02	138.14	-143.771	627.47	7,249.95	1,015.20	832.72	182.48	5.563	
15,800.00	9,360.00	16,667.54	10,175.00	140.07	140.18	-143.771	627.77	7,349.95	1,015.20	830.03	185.17	5.482	
15,800.00	9,360.00	16,667.54	10,175.00	140.07	140.18	-143.771	627.77	7,349.95	1,015.20	830.03	185.17	5.482	
15,900.00	9,360.00	16,767.54	10,175.00	142.13	142.22	-143.771	628.07	7,449.95	1,015.20	827.33	187.86	5.404	
15,900.00	9,360.00	16,767.54	10,175.00	142.13	142.22	-143.771	628.07	7,449.95	1,015.20	827.33	187.86	5.404	
16,000.00	9,360.00	16,867.54	10,175.00	144.19	144.25	-143.771	628.36	7,549.95	1,015.20	824.64	190.56	5.328	
16,000.00	9,360.00	16,867.54	10,175.00	144.19	144.25	-143.771	628.36	7,549.95	1,015.20	824.64	190.56	5.327	
16,100.00	9,360.00	16,967.54	10,175.00	146.25	146.29	-143.771	628.66	7,649.95	1,015.20	821.95	193.25	5.253	
16,100.00	9,360.00	16,967.54	10,175.00	146.25	146.29	-143.771	628.66	7,649.95	1,015.20	821.95	193.25	5.253	
16,200.00	9,360.00	17,067.54	10,175.00	148.31	148.33	-143.771	628.96	7,749.95	1,015.20	819.25	195.95	5.181	
16,200.00	9,360.00	17,067.54	10,175.00	148.31	148.33	-143.771	628.96	7,749.95	1,015.20	819.25	195.95	5.181	
16,300.00	9,360.00	17,167.54	10,175.00	150.37	150.37	-143.771	629.26	7,849.95	1,015.20	816.55	198.65	5.111	
16,300.00	9,360.00	17,167.54	10,175.00	150.37	150.37	-143.771	629.26	7,849.95	1,015.20	816.55	198.65	5.111	
16,400.00	9,360.00	17,267.54	10,175.00	152.42	152.41	-143.771	629.56	7,949.95	1,015.20	813.85	201.35	5.042	
16,400.00	9,360.00	17,267.54	10,175.00	152.42	152.41	-143.771	629.56	7,949.95	1,015.20	813.85	201.35	5.042	
16,500.00	9,360.00	17,367.54	10,175.00	154.48	154.46	-143.771	629.86	8,049.95	1,015.20	811.15	204.05	4.975	
16,500.00	9,360.00	17,367.54	10,175.00	154.48	154.46	-143.771	629.86	8,049.95	1,015.20	811.15	204.05	4.975	
16,600.00	9,360.00	17,467.54	10,175.00	156.54	156.50	-143.771	630.15	8,149.95	1,015.20	808.45	206.75	4.910	
16,600.00	9,360.00	17,467.54	10,175.00	156.54	156.50	-143.771	630.15	8,149.95	1,015.20	808.45	206.75	4.910	
16,700.00	9,360.00	17,567.54	10,175.00	158.60	158.54	-143.771	630.45	8,249.95	1,015.20	805.75	209.45	4.847	
16,700.00	9,360.00	17,567.54	10,175.00	158.60	158.54	-143.771	630.45	8,249.95	1,015.20	805.75	209.45	4.847	
16,800.00	9,360.00	17,667.54	10,175.00	160.66	160.58	-143.771	630.75	8,349.94	1,015.20	803.04	212.15	4.785	
16,800.00	9,360.00	17,667.54	10,175.00	160.66	160.58	-143.771	630.75	8,349.94	1,015.20	803.04	212.15	4.785	
16,900.00	9,360.00	17,767.54	10,175.00	162.73	162.63	-143.771	631.05	8,449.94	1,015.20	800.34	214.86	4.725	
16,900.00	9,360.00	17,767.54	10,175.00	162.73	162.63	-143.771	631.05	8,449.94	1,015.20	800.34	214.86	4.725	
17,000.00	9,360.00	17,867.54	10,175.00	164.79	164.67	-143.771	631.35	8,549.94	1,015.20	797.63	217.57	4.666	
17,000.00	9,360.00	17,867.54	10,175.00	164.79	164.67	-143.771	631.35	8,549.94	1,015.20	797.63	217.57	4.666	
17,100.00	9,360.00	17,967.54	10,175.00	166.85	166.72	-143.771	631.64	8,649.94	1,015.20	794.93	220.27	4.609	
17,100.00	9,360.00	17,967.54	10,175.00	166.85	166.72	-143.771	631.64	8,649.94	1,015.20	794.93	220.27	4.609	
17,200.00	9,360.00	18,067.54	10,175.00	168.91	168.77	-143.771	631.94	8,749.94	1,015.20	792.22	222.98	4.553	
17,200.00	9,360.00	18,067.54	10,175.00	168.91	168.77	-143.771	631.94	8,749.94	1,015.20	792.22	222.98	4.553	
17,300.00	9,360.00	18,167.54	10,175.00	170.97	170.81	-143.771	632.24	8,849.94	1,015.20	789.51	225.69	4.498	
17,300.00	9,360.00	18,167.54	10,175.00	170.97	170.81	-143.771	632.24	8,849.94	1,015.20	789.51	225.69	4.498	
17,400.00	9,360.00	18,267.54	10,175.00	173.03	172.86	-143.771	632.54	8,949.94	1,015.20	786.80	228.40	4.445	
17,400.00	9,360.00	18,267.54	10,175.00	173.03	172.86	-143.771	632.54	8,949.94	1,015.20	786.80	228.40	4.445	
17,500.00	9,360.00	18,367.54	10,175.00	175.09	174.91	-143.771	632.84	9,049.94	1,015.20	784.09	231.11	4.393	
17,500.00	9,360.00	18,367.54	10,175.00	175.09	174.91	-143.771	632.84	9,049.94	1,015.20	784.09	231.11	4.393	
17,600.00	9,360.00	18,467.54	10,175.00	177.16	176.96	-143.771	633.14	9,149.94	1,015.20	781.38	233.82	4.342	
17,600.00	9,360.00	18,467.54	10,175.00	177.16	176.96	-143.771	633.14	9,149.94	1,015.20	781.38	233.82	4.342	
17,700.00	9,360.00	18,567.54	10,175.00	179.22	179.01	-143.771	633.43	9,249.94	1,015.20	778.66	236.53	4.292	
17,700.00	9,360.00	18,567.54	10,175.00	179.22	179.01	-143.771	633.43	9,249.94	1,015.20	778.66	236.53	4.292	
17,800.00	9,360.00	18,667.54	10,175.00	181.28	181.06	-143.771	633.73	9,349.94	1,015.20	775.95	239.25	4.243	
17,800.00	9,360.00	18,667.54	10,175.00	181.28	181.06	-143.771	633.73	9,349.94	1,015.20	775.95	239.25	4.243	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (02) Bond 33-34 FED COM #304H - #304H - Plan 1													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis			Offset Wellbore Centre		Distance				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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
17,900.00	9,360.00	18,767.54	10,175.00	183.34	183.11	-143.771	634.03	9,449.94	1,015.20	773.24	241.96	4.196	
17,900.00	9,360.00	18,767.54	10,175.00	183.34	183.11	-143.771	634.03	9,449.94	1,015.20	773.24	241.96	4.196	
18,000.00	9,360.00	18,867.54	10,175.00	185.41	185.16	-143.771	634.33	9,549.94	1,015.20	770.52	244.68	4.149	
18,000.00	9,360.00	18,867.54	10,175.00	185.41	185.16	-143.771	634.33	9,549.94	1,015.20	770.52	244.68	4.149	
18,100.00	9,360.00	18,967.54	10,175.00	187.47	187.21	-143.771	634.63	9,649.94	1,015.20	767.81	247.39	4.104	
18,100.00	9,360.00	18,967.54	10,175.00	187.47	187.21	-143.771	634.63	9,649.94	1,015.20	767.81	247.39	4.104	
18,200.00	9,360.00	19,067.54	10,175.00	189.53	189.26	-143.771	634.93	9,749.94	1,015.20	765.09	250.11	4.059	
18,200.00	9,360.00	19,067.54	10,175.00	189.53	189.26	-143.771	634.93	9,749.94	1,015.20	765.09	250.11	4.059	
18,300.00	9,360.00	19,167.54	10,175.00	191.59	191.31	-143.771	635.22	9,849.94	1,015.20	762.37	252.83	4.015	
18,300.00	9,360.00	19,167.54	10,175.00	191.59	191.31	-143.771	635.22	9,849.94	1,015.20	762.37	252.83	4.015	
18,400.00	9,360.00	19,267.54	10,175.00	193.66	193.36	-143.771	635.52	9,949.94	1,015.20	759.66	255.54	3.973	
18,400.00	9,360.00	19,267.54	10,175.00	193.66	193.36	-143.771	635.52	9,949.94	1,015.20	759.66	255.54	3.973	
18,500.00	9,360.00	19,367.54	10,175.00	195.72	195.41	-143.771	635.82	10,049.94	1,015.20	756.94	258.26	3.931	
18,500.00	9,360.00	19,367.54	10,175.00	195.72	195.41	-143.771	635.82	10,049.94	1,015.20	756.94	258.26	3.931	
18,600.00	9,360.00	19,467.54	10,175.00	197.78	197.47	-143.771	636.12	10,149.94	1,015.20	754.22	260.98	3.890	
18,600.00	9,360.00	19,467.54	10,175.00	197.78	197.47	-143.771	636.12	10,149.94	1,015.20	754.22	260.98	3.890	
18,700.00	9,360.00	19,567.54	10,175.00	199.85	199.52	-143.771	636.42	10,249.94	1,015.20	751.50	263.70	3.850	
18,700.00	9,360.00	19,567.54	10,175.00	199.85	199.52	-143.771	636.42	10,249.94	1,015.20	751.50	263.70	3.850	
18,800.00	9,360.00	19,667.54	10,175.00	201.91	201.57	-143.771	636.71	10,349.94	1,015.20	748.78	266.42	3.811	
18,800.00	9,360.00	19,667.54	10,175.00	201.91	201.57	-143.771	636.71	10,349.94	1,015.20	748.78	266.42	3.811	
18,900.00	9,360.00	19,767.54	10,175.00	203.98	203.63	-143.771	637.01	10,449.94	1,015.20	746.06	269.14	3.772	
18,900.00	9,360.00	19,767.54	10,175.00	203.98	203.63	-143.771	637.01	10,449.94	1,015.20	746.06	269.14	3.772	
19,000.00	9,360.00	19,867.54	10,175.00	206.04	205.68	-143.771	637.31	10,549.94	1,015.20	743.34	271.86	3.734	
19,000.00	9,360.00	19,867.54	10,175.00	206.04	205.68	-143.771	637.31	10,549.94	1,015.20	743.34	271.86	3.734	
19,100.00	9,360.00	19,967.54	10,175.00	208.10	207.73	-143.771	637.61	10,649.93	1,015.20	740.62	274.58	3.697	
19,100.00	9,360.00	19,967.54	10,175.00	208.10	207.73	-143.771	637.61	10,649.94	1,015.20	740.62	274.58	3.697	
19,200.00	9,360.00	20,067.54	10,175.00	210.17	209.79	-143.771	637.91	10,749.93	1,015.20	737.90	277.30	3.661	
19,200.00	9,360.00	20,067.54	10,175.00	210.17	209.79	-143.771	637.91	10,749.94	1,015.20	737.90	277.30	3.661	
19,300.00	9,360.00	20,167.54	10,175.00	212.23	211.84	-143.771	638.21	10,849.93	1,015.20	735.17	280.03	3.625	
19,300.00	9,360.00	20,167.54	10,175.00	212.23	211.84	-143.771	638.21	10,849.94	1,015.20	735.17	280.03	3.625	
19,400.00	9,360.00	20,267.54	10,175.00	214.30	213.90	-143.771	638.50	10,949.93	1,015.20	732.45	282.75	3.590	
19,400.00	9,360.00	20,267.54	10,175.00	214.30	213.90	-143.771	638.50	10,949.94	1,015.20	732.45	282.75	3.590	
19,500.00	9,360.00	20,367.54	10,175.00	216.36	215.96	-143.771	638.80	11,049.93	1,015.20	729.73	285.47	3.556	
19,500.00	9,360.00	20,367.54	10,175.00	216.36	215.96	-143.771	638.80	11,049.94	1,015.20	729.73	285.47	3.556	
19,600.00	9,360.00	20,467.54	10,175.00	218.43	218.01	-143.771	639.10	11,149.93	1,015.20	727.00	288.20	3.523	
19,600.00	9,360.00	20,467.54	10,175.00	218.43	218.01	-143.771	639.10	11,149.93	1,015.20	727.00	288.20	3.523	
19,700.00	9,360.00	20,567.54	10,175.00	220.49	220.07	-143.771	639.40	11,249.93	1,015.20	724.28	290.92	3.490	
19,700.00	9,360.00	20,567.54	10,175.00	220.49	220.07	-143.771	639.40	11,249.93	1,015.20	724.28	290.92	3.490	
19,800.00	9,360.00	20,667.54	10,175.00	222.56	222.12	-143.771	639.70	11,349.93	1,015.20	721.55	293.64	3.457	
19,800.00	9,360.00	20,667.54	10,175.00	222.56	222.12	-143.771	639.70	11,349.93	1,015.20	721.55	293.64	3.457	
19,900.00	9,360.00	20,767.54	10,175.00	224.62	224.18	-143.771	639.99	11,449.93	1,015.20	718.83	296.37	3.425	
19,900.00	9,360.00	20,767.54	10,175.00	224.62	224.18	-143.771	639.99	11,449.93	1,015.20	718.83	296.37	3.425	
20,000.00	9,360.00	20,867.54	10,175.00	226.69	226.24	-143.771	640.29	11,549.93	1,015.20	716.10	299.09	3.394	
20,000.00	9,360.00	20,867.54	10,175.00	226.69	226.24	-143.771	640.29	11,549.93	1,015.20	716.10	299.09	3.394	
20,100.00	9,360.00	20,967.54	10,175.00	228.75	228.29	-143.771	640.59	11,649.93	1,015.20	713.38	301.82	3.364	
20,100.05	9,360.00	20,967.59	10,175.00	228.75	228.29	-143.771	640.59	11,649.98	1,015.20	713.38	301.82	3.364	
20,181.28	9,360.00	21,046.64	10,175.00	230.43	229.92	-143.771	640.83	11,729.03	1,015.20	711.16	304.04	3.339 SF	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (03) Bond 33-34 FED COM #106H - #106H - Plan 1													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1													Offset Well Error: 0.00 usft
Reference	Offset	Semi Major Axis		Distance		Rule Assigned:		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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	0.00	0.00	171.259	-276.62	42.53	279.90				
100.00	100.00	96.31	96.31	0.79	0.76	171.259	-276.62	42.53	279.87	278.33	1.54	181.464	
200.00	200.00	196.31	196.31	1.45	1.42	171.259	-276.62	42.53	279.87	277.01	2.87	97.590	
300.00	300.00	296.31	296.31	1.89	1.88	171.259	-276.62	42.53	279.87	276.11	3.77	74.297	
400.00	400.00	396.31	396.31	2.25	2.24	171.259	-276.62	42.53	279.87	275.38	4.49	62.277	
500.00	500.00	496.31	496.31	2.57	2.56	171.259	-276.62	42.53	279.87	274.75	5.12	54.622	
600.00	600.00	596.31	596.31	2.85	2.84	171.259	-276.62	42.53	279.87	274.18	5.69	49.197	
700.00	700.00	696.31	696.31	3.11	3.10	171.259	-276.62	42.53	279.87	273.67	6.21	45.091	
800.00	800.00	796.31	796.31	3.35	3.34	171.259	-276.62	42.53	279.87	273.18	6.69	41.842	
900.00	900.00	896.31	896.31	3.58	3.57	171.259	-276.62	42.53	279.87	272.73	7.14	39.187	
1,000.00	1,000.00	996.31	996.31	3.79	3.78	171.259	-276.62	42.53	279.87	272.30	7.57	36.964	
1,100.00	1,100.00	1,096.31	1,096.31	3.99	3.99	171.259	-276.62	42.53	279.87	271.89	7.98	35.066	
1,200.00	1,200.00	1,196.31	1,196.31	4.19	4.18	171.259	-276.62	42.53	279.87	271.50	8.37	33.420	
1,300.00	1,300.00	1,296.31	1,296.31	4.38	4.37	171.259	-276.62	42.53	279.87	271.12	8.75	31.975	
1,400.00	1,400.00	1,396.31	1,396.31	4.56	4.56	171.259	-276.62	42.53	279.87	270.75	9.12	30.693	
1,500.00	1,500.00	1,496.31	1,496.31	4.74	4.73	171.259	-276.62	42.53	279.87	270.40	9.47	29.545	
1,600.00	1,600.00	1,596.31	1,596.31	4.91	4.91	171.259	-276.62	42.53	279.87	270.06	9.82	28.509	
1,700.00	1,700.00	1,696.31	1,696.31	5.08	5.07	171.259	-276.62	42.53	279.87	269.72	10.15	27.568	
1,800.00	1,800.00	1,796.31	1,796.31	5.24	5.24	171.259	-276.62	42.53	279.87	269.39	10.48	26.708	
1,900.00	1,900.00	1,897.72	1,897.70	5.40	5.48	171.597	-276.62	40.86	279.63	268.84	10.79	25.909	
2,000.00	2,000.00	1,997.70	1,997.62	5.56	5.63	172.305	-276.62	37.38	279.14	268.05	11.09	25.181	
2,100.00	2,100.00	2,097.63	2,097.49	5.71	5.79	173.016	-276.62	33.89	278.69	267.32	11.37	24.505	
2,200.00	2,200.00	2,197.57	2,197.37	5.86	5.96	173.729	-276.62	30.40	278.29	266.63	11.66	23.876	
2,300.00	2,300.00	2,297.51	2,297.25	6.01	6.15	174.443	-276.62	26.91	277.93	266.00	11.93	23.288	
2,400.00	2,400.00	2,397.45	2,397.13	6.16	6.34	175.160	-276.62	23.42	277.61	265.41	12.21	22.738	
2,500.00	2,500.00	2,497.39	2,497.01	6.30	6.55	175.878	-276.62	19.94	277.34	264.86	12.48	22.222	
2,512.77	2,512.77	2,509.47	2,509.08	6.32	6.57	175.963	-276.63	19.52	277.32	264.81	12.51	22.162 CC, ES	
2,600.00	2,600.00	2,590.60	2,590.18	6.44	6.75	176.361	-277.66	17.66	278.29	265.55	12.74	21.851	
2,700.00	2,700.00	2,683.55	2,683.07	6.58	6.91	176.445	-280.89	17.45	281.74	268.75	12.99	21.690	
2,800.00	2,800.00	2,776.26	2,775.60	6.71	6.99	176.142	-286.29	19.31	287.69	274.42	13.26	21.692	
2,900.00	2,900.00	2,868.54	2,867.49	6.85	7.05	175.486	-293.83	23.20	296.15	282.60	13.55	21.862	
3,000.00	3,000.00	2,960.20	2,958.45	6.98	7.11	174.527	-303.44	29.07	307.17	293.34	13.84	22.202	
3,100.00	3,100.00	3,051.06	3,048.22	7.12	7.19	173.326	-315.05	36.87	320.82	306.69	14.13	22.706	
3,200.00	3,200.00	3,140.96	3,136.56	7.25	7.34	171.944	-328.56	46.50	337.17	322.74	14.43	23.367	
3,300.00	3,300.00	3,230.00	3,223.53	7.37	7.50	170.439	-343.92	57.93	356.28	341.58	14.70	24.240	
3,400.00	3,400.00	3,327.35	3,318.28	7.50	7.69	168.838	-361.71	71.37	376.85	361.84	15.02	25.097	
3,500.00	3,500.00	3,424.69	3,413.03	7.63	7.91	167.403	-379.50	84.81	397.68	382.31	15.37	25.877	
3,600.00	3,599.98	3,522.25	3,508.00	7.80	8.15	176.551	-397.33	98.28	418.33	402.60	15.73	26.591	
3,700.00	3,699.84	3,620.16	3,603.31	7.98	8.41	175.646	-415.22	111.80	438.27	422.16	16.10	27.214	
3,800.00	3,799.45	3,718.31	3,698.86	8.16	8.68	175.234	-433.16	125.35	457.37	440.87	16.50	27.720	
3,900.00	3,898.70	3,816.58	3,794.51	8.36	8.96	175.256	-451.12	138.92	475.61	458.70	16.91	28.119	
4,000.00	3,997.47	3,914.85	3,890.17	8.59	9.26	175.663	-469.08	152.48	493.03	475.69	17.35	28.423	
4,100.00	4,095.62	4,013.00	3,985.70	8.83	9.57	176.416	-487.01	166.03	509.73	491.94	17.79	28.650	
4,200.00	4,193.08	4,110.91	4,081.02	9.02	9.89	177.549	-504.91	179.55	525.88	507.67	18.21	28.885	
4,300.00	4,290.34	4,208.75	4,176.25	9.26	10.23	178.931	-522.79	193.06	542.13	523.46	18.67	29.035	
4,400.00	4,387.59	4,306.58	4,271.48	9.50	10.57	180.233	-540.66	206.57	558.68	539.54	19.14	29.189	
4,500.00	4,484.84	4,404.41	4,366.72	9.77	10.92	181.461	-558.54	220.08	575.49	555.88	19.61	29.341	
4,600.00	4,582.09	4,502.25	4,461.95	10.05	11.28	182.620	-576.42	233.58	592.55	572.46	20.09	29.493	
4,700.00	4,679.34	4,600.08	4,557.19	10.35	11.65	183.714	-594.30	247.09	609.84	589.27	20.57	29.643	
4,800.00	4,776.59	4,697.92	4,652.42	10.66	12.02	184.748	-612.18	260.60	627.33	606.28	21.06	29.791	
4,900.00	4,873.84	4,795.75	4,747.65	10.99	12.40	185.727	-630.06	274.11	645.02	623.47	21.55	29.936	
5,000.00	4,971.09	4,893.59	4,842.89	11.32	12.79	186.654	-647.94	287.62	662.87	640.84	22.04	30.080	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (03) Bond 33-34 FED COM #106H - #106H - Plan 1													Offset Site Error:	0.00 usft	
Survey Program:		0-MWD+IFR1		Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned:				Offset Well Error:	0.00 usft
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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
5,100.00	5,068.34	4,991.42	4,938.12	11.67	13.19	87.532	-665.82	301.12	680.89	658.36	22.53	30.220			
5,200.00	5,165.59	5,089.26	5,033.35	12.03	13.58	88.366	-683.70	314.63	699.06	676.03	23.03	30.358			
5,300.00	5,262.84	5,187.09	5,128.59	12.39	13.99	89.157	-701.58	328.14	717.36	693.83	23.53	30.492			
5,400.00	5,360.09	5,284.93	5,223.82	12.77	14.39	89.909	-719.45	341.65	735.79	711.76	24.03	30.622			
5,500.00	5,457.34	5,382.76	5,319.06	13.15	14.81	90.625	-737.33	355.15	754.34	729.81	24.53	30.748			
5,600.00	5,554.59	5,480.59	5,414.29	13.54	15.22	91.307	-755.21	368.66	773.00	747.96	25.04	30.871			
5,700.00	5,651.84	5,578.43	5,509.52	13.93	15.64	91.956	-773.09	382.17	791.76	766.21	25.55	30.989			
5,800.00	5,749.09	5,676.26	5,604.76	14.33	16.06	92.576	-790.97	395.68	810.61	784.55	26.06	31.104			
5,900.00	5,846.35	5,774.10	5,699.99	14.74	16.48	93.168	-808.85	409.19	829.55	802.97	26.58	31.214			
6,000.00	5,943.60	5,871.93	5,795.23	15.15	16.91	93.733	-826.73	422.69	848.57	821.48	27.09	31.320			
6,100.00	6,040.85	5,969.77	5,890.46	15.57	17.34	94.274	-844.61	436.20	867.67	840.06	27.61	31.422			
6,200.00	6,138.10	6,067.60	5,985.69	15.99	17.77	94.791	-862.49	449.71	886.84	858.71	28.14	31.520			
6,300.00	6,235.35	6,165.44	6,080.93	16.41	18.21	95.287	-880.37	463.22	906.08	877.42	28.66	31.613			
6,400.00	6,332.60	6,263.27	6,176.16	16.84	18.64	95.762	-898.24	476.72	925.39	896.20	29.19	31.703			
6,500.00	6,429.85	6,361.11	6,271.39	17.27	19.08	96.218	-916.12	490.23	944.75	915.03	29.72	31.790			
6,600.00	6,527.10	6,458.94	6,366.63	17.70	19.52	96.656	-934.00	503.74	964.16	933.91	30.25	31.872			
6,700.00	6,624.35	6,556.77	6,461.86	18.14	19.96	97.076	-951.88	517.25	983.63	952.84	30.79	31.943			
6,800.00	6,721.92	6,654.73	6,557.21	18.59	20.41	97.753	-969.78	530.77	1,002.96	971.64	31.32	32.020			
6,900.00	6,820.20	6,752.91	6,652.78	19.03	20.85	98.247	-987.72	544.33	1,021.85	989.99	31.86	32.077			
7,000.00	6,919.06	6,851.18	6,748.44	19.46	21.30	98.532	-1,005.68	557.90	1,040.25	1,007.86	32.39	32.119			
7,100.00	7,018.38	6,949.44	6,844.09	19.87	21.75	98.620	-1,023.64	571.46	1,058.15	1,025.23	32.92	32.147			
7,200.00	7,118.05	7,047.56	6,939.60	20.25	22.20	98.523	-1,041.57	585.01	1,075.58	1,042.13	33.44	32.161			
7,300.00	7,217.94	7,145.42	7,034.86	20.58	22.65	98.250	-1,059.46	598.52	1,092.59	1,058.62	33.97	32.163			
7,400.00	7,317.93	7,242.91	7,129.76	20.72	23.10	-172.861	-1,077.27	611.98	1,109.28	1,074.80	34.48	32.172			
7,500.00	7,417.93	7,355.13	7,239.10	20.78	23.62	-173.768	-1,097.42	627.20	1,125.78	1,090.69	35.09	32.082			
7,600.00	7,517.93	7,493.94	7,375.42	20.82	24.27	-174.673	-1,118.21	642.91	1,139.66	1,103.91	35.76	31.873			
7,700.00	7,617.93	7,635.01	7,515.10	20.87	24.88	-175.337	-1,133.93	654.78	1,150.08	1,113.74	36.33	31.654			
7,800.00	7,717.93	7,777.72	7,657.21	20.92	25.44	-175.763	-1,144.22	662.56	1,156.86	1,120.05	36.81	31.428			
7,900.00	7,817.93	7,921.36	7,800.72	20.97	25.88	-175.953	-1,148.86	666.07	1,159.91	1,122.78	37.13	31.235			
8,000.00	7,917.93	8,022.95	7,902.21	21.01	26.06	-176.104	-1,149.62	669.09	1,160.45	1,123.14	37.31	31.104			
8,100.00	8,017.93	8,100.00	7,978.13	21.06	26.30	-176.733	-1,151.81	681.71	1,162.34	1,124.72	37.61	30.901			
8,200.00	8,117.93	8,178.79	8,053.27	21.11	26.59	-177.882	-1,155.82	704.88	1,166.29	1,128.25	38.05	30.655			
8,300.00	8,217.93	8,250.00	8,117.83	21.16	26.86	-179.335	-1,160.93	734.37	1,173.06	1,134.48	38.58	30.406			
8,400.00	8,317.93	8,300.00	8,160.71	21.21	27.06	-179.426	-1,165.32	759.68	1,183.46	1,144.34	39.11	30.256			
8,500.00	8,417.93	8,360.86	8,209.62	21.26	27.30	-177.700	-1,171.49	795.31	1,198.12	1,158.35	39.77	30.123			
8,600.00	8,517.93	8,400.00	8,238.94	21.31	27.45	-176.476	-1,175.92	820.85	1,217.77	1,177.46	40.31	30.210			
8,700.00	8,617.93	8,450.00	8,273.71	21.35	27.65	-174.800	-1,182.05	856.23	1,242.62	1,201.65	40.97	30.332			
8,800.00	8,717.93	8,481.22	8,293.78	21.40	27.77	-173.699	-1,186.13	879.79	1,272.92	1,231.48	41.44	30.720			
8,900.00	8,817.91	8,500.00	8,305.21	21.48	27.84	-181.948	-1,188.68	894.47	1,308.65	1,266.93	41.71	31.373			
9,000.00	8,916.79	8,550.00	8,333.21	21.94	28.03	-176.201	-1,195.74	935.27	1,347.34	1,305.02	42.32	31.837			
9,100.00	9,011.73	8,575.61	8,346.12	22.47	28.13	-171.408	-1,199.52	957.05	1,386.87	1,344.30	42.56	32.583			
9,200.00	9,099.84	8,600.00	8,357.50	23.01	28.22	-166.962	-1,203.20	978.32	1,425.62	1,382.86	42.75	33.344			
9,300.00	9,178.45	8,650.00	8,377.88	23.52	28.41	-162.688	-1,210.99	1,023.28	1,461.80	1,418.44	43.36	33.713			
9,400.00	9,245.16	8,681.62	8,388.69	23.97	28.54	-159.376	-1,216.07	1,052.56	1,494.38	1,450.65	43.74	34.168			
9,500.00	9,297.95	8,718.31	8,399.15	24.35	28.69	-156.719	-1,222.07	1,087.21	1,522.32	1,478.04	44.28	34.380			
9,600.00	9,335.22	8,750.00	8,406.36	24.62	28.82	-154.764	-1,227.34	1,117.61	1,544.84	1,499.99	44.85	34.446			
9,700.00	9,355.84	8,800.00	8,414.24	24.78	29.03	-153.529	-1,235.76	1,166.24	1,561.38	1,515.50	45.88	34.031			
9,800.00	9,360.00	8,829.56	8,416.86	24.83	29.16	-153.077	-1,240.79	1,195.25	1,572.02	1,525.36	46.65	33.697			
9,900.00	9,360.00	8,871.24	8,418.00	24.86	29.36	-153.269	-1,247.90	1,236.29	1,584.17	1,536.45	47.72	33.194			
10,000.00	9,360.00	9,050.62	8,418.00	24.94	30.55	-153.814	-1,272.63	1,413.93	1,595.55	1,543.97	51.57	30.937			
10,021.25	9,360.00	9,089.12	8,418.00	25.05	30.87	-153.898	-1,276.48	1,452.23	1,597.32	1,544.90	52.42	30.470			
10,100.00	9,360.00	9,232.52	8,418.00	26.19	32.33	-154.114	-1,286.30	1,595.28	1,601.88	1,546.25	55.63	28.794			

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (03) Bond 33-34 FED COM #106H - #106H - Plan 1											Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1											Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	
10,123.32	9,360.00	9,275.15	8,418.00	26.59	32.83	54.149	-1,287.84	1,637.89	1,602.62	1,546.02	28.315
10,200.00	9,360.00	9,392.91	8,418.00	27.89	34.30	54.179	-1,288.92	1,755.64	1,603.25	1,543.91	27.016
10,223.32	9,360.00	9,416.23	8,418.00	28.29	34.61	54.179	-1,288.85	1,778.96	1,603.25	1,543.29	26.738
10,300.00	9,360.00	9,492.91	8,418.00	29.64	35.67	54.179	-1,288.62	1,855.64	1,603.25	1,541.25	25.857
10,323.32	9,360.00	9,516.23	8,418.00	30.05	36.01	54.179	-1,288.55	1,878.96	1,603.25	1,540.61	25.595
10,400.00	9,360.00	9,592.91	8,418.00	31.43	37.13	54.179	-1,288.32	1,955.64	1,603.25	1,538.51	24.764
10,423.32	9,360.00	9,616.23	8,418.00	31.85	37.48	54.179	-1,288.25	1,978.96	1,603.25	1,537.86	24.517
10,500.00	9,360.00	9,692.91	8,418.00	33.25	38.66	54.179	-1,288.02	2,055.64	1,603.25	1,535.71	23.736
10,523.32	9,360.00	9,716.23	8,418.00	33.68	39.03	54.179	-1,287.96	2,078.96	1,603.25	1,535.04	23.504
10,600.00	9,360.00	9,792.91	8,418.00	35.10	40.25	54.179	-1,287.73	2,155.64	1,603.25	1,532.84	22.771
10,623.32	9,360.00	9,816.23	8,418.00	35.54	40.63	54.179	-1,287.66	2,178.96	1,603.25	1,532.17	22.553
10,700.00	9,360.00	9,892.91	8,418.00	36.98	41.89	54.179	-1,287.43	2,255.64	1,603.25	1,529.93	21.865
10,723.32	9,360.00	9,916.23	8,418.00	37.42	42.28	54.179	-1,287.36	2,278.95	1,603.25	1,529.24	21.661
10,800.00	9,360.00	9,992.91	8,418.00	38.87	43.57	54.179	-1,287.13	2,355.64	1,603.25	1,526.96	21.016
10,823.32	9,360.00	10,016.23	8,418.00	39.32	43.97	54.179	-1,287.06	2,378.95	1,603.25	1,526.27	20.825
10,900.00	9,360.00	10,092.91	8,418.00	40.78	45.29	54.179	-1,286.83	2,455.64	1,603.25	1,523.96	20.220
10,923.32	9,360.00	10,116.23	8,418.00	41.23	45.69	54.179	-1,286.76	2,478.95	1,603.25	1,523.25	20.041
11,000.00	9,360.00	10,192.91	8,418.00	42.71	47.04	54.179	-1,286.53	2,555.64	1,603.25	1,520.92	19.473
11,023.32	9,360.00	10,216.23	8,418.00	43.16	47.45	54.179	-1,286.46	2,578.95	1,603.25	1,520.21	19.305
11,100.00	9,360.00	10,292.91	8,418.00	44.65	48.81	54.179	-1,286.24	2,655.64	1,603.25	1,517.85	18.772
11,123.32	9,360.00	10,316.23	8,418.00	45.10	49.23	54.179	-1,286.17	2,678.95	1,603.25	1,517.13	18.615
11,200.00	9,360.00	10,392.91	8,418.00	46.60	50.61	54.179	-1,285.94	2,755.64	1,603.25	1,514.75	18.114
11,223.32	9,360.00	10,416.23	8,418.00	47.06	51.04	54.179	-1,285.87	2,778.95	1,603.25	1,514.02	17.967
11,300.00	9,360.00	10,492.91	8,418.00	48.56	52.44	54.179	-1,285.64	2,855.63	1,603.25	1,511.62	17.496
11,323.32	9,360.00	10,516.23	8,418.00	49.02	52.86	54.179	-1,285.57	2,878.95	1,603.25	1,510.88	17.357
11,400.00	9,360.00	10,592.91	8,418.00	50.53	54.28	54.179	-1,285.34	2,955.63	1,603.25	1,508.46	16.914
11,423.32	9,360.00	10,616.23	8,418.00	50.99	54.71	54.179	-1,285.27	2,978.95	1,603.25	1,507.73	16.783
11,500.00	9,360.00	10,692.91	8,418.00	52.50	56.13	54.179	-1,285.04	3,055.63	1,603.25	1,505.29	16.366
11,523.32	9,360.00	10,716.23	8,418.00	52.97	56.57	54.179	-1,284.97	3,078.95	1,603.25	1,504.55	16.243
11,600.00	9,360.00	10,792.91	8,418.00	54.49	58.00	54.179	-1,284.74	3,155.63	1,603.25	1,502.10	15.849
11,623.32	9,360.00	10,816.23	8,418.00	54.95	58.44	54.179	-1,284.68	3,178.95	1,603.25	1,501.35	15.733
11,700.00	9,360.00	10,892.91	8,418.00	56.48	59.89	54.179	-1,284.45	3,255.63	1,603.25	1,498.89	15.362
11,723.32	9,360.00	10,916.23	8,418.00	56.94	60.33	54.179	-1,284.38	3,278.95	1,603.25	1,498.14	15.252
11,800.00	9,360.00	10,992.91	8,418.00	58.47	61.79	54.179	-1,284.15	3,355.63	1,603.25	1,495.66	14.901
11,823.32	9,360.00	11,016.23	8,418.00	58.94	62.23	54.179	-1,284.08	3,378.95	1,603.25	1,494.90	14.797
11,900.00	9,360.00	11,092.91	8,418.00	60.47	63.69	54.179	-1,283.85	3,455.63	1,603.25	1,492.42	14.465
11,923.32	9,360.00	11,116.23	8,418.00	60.94	64.14	54.179	-1,283.78	3,478.95	1,603.25	1,491.66	14.367
12,000.00	9,360.00	11,192.91	8,418.00	62.48	65.61	54.179	-1,283.55	3,555.63	1,603.25	1,489.16	14.053
12,023.32	9,360.00	11,216.23	8,418.00	62.95	66.06	54.179	-1,283.48	3,578.95	1,603.25	1,488.40	13.959
12,100.00	9,360.00	11,292.91	8,418.00	64.49	67.54	54.179	-1,283.25	3,655.63	1,603.25	1,485.90	13.661
12,123.32	9,360.00	11,316.23	8,418.00	64.96	67.99	54.179	-1,283.18	3,678.95	1,603.25	1,485.13	13.573
12,200.00	9,360.00	11,392.91	8,418.00	66.50	69.47	54.179	-1,282.96	3,755.63	1,603.25	1,482.62	13.290
12,223.32	9,360.00	11,416.23	8,418.00	66.97	69.92	54.179	-1,282.89	3,778.95	1,603.25	1,481.85	13.206
12,300.00	9,360.00	11,492.91	8,418.00	68.52	71.41	54.179	-1,282.66	3,855.63	1,603.25	1,479.33	12.937
12,323.32	9,360.00	11,516.23	8,418.00	68.99	71.87	54.179	-1,282.59	3,878.95	1,603.25	1,478.56	12.857
12,400.00	9,360.00	11,592.91	8,418.00	70.54	73.36	54.179	-1,282.36	3,955.63	1,603.25	1,476.03	12.602
12,423.32	9,360.00	11,616.23	8,418.00	71.01	73.82	54.179	-1,282.29	3,978.95	1,603.25	1,475.26	12.526
12,500.00	9,360.00	11,692.91	8,418.00	72.56	75.32	54.179	-1,282.06	4,055.63	1,603.25	1,472.72	12.282
12,523.32	9,360.00	11,716.23	8,418.00	73.03	75.77	54.179	-1,281.99	4,078.95	1,603.25	1,471.95	12.210
12,600.00	9,360.00	11,792.91	8,418.00	74.58	77.28	54.179	-1,281.76	4,155.63	1,603.25	1,469.40	11.978
12,623.32	9,360.00	11,816.23	8,418.00	75.06	77.74	54.179	-1,281.69	4,178.95	1,603.25	1,468.63	11.909
12,700.00	9,360.00	11,892.91	8,418.00	76.61	79.24	54.179	-1,281.46	4,255.63	1,603.25	1,466.08	11.688

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (03) Bond 33-34 FED COM #106H - #106H - Plan 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IFR1												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface	Offset Wellbore Centre		Distance		Separation Factor	Warning	
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset		+N/-S	+E/-W	Between Centres	Between Ellipses			
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
12,723.32	9,360.00	11,916.23	8,418.00	77.08	79.70	54.179	-1,281.40	4,278.95	1,603.25	1,465.30	137.95	11.622	
12,800.00	9,360.00	11,992.91	8,418.00	78.64	81.22	54.179	-1,281.17	4,355.63	1,603.25	1,462.75	140.50	11.411	
12,823.32	9,360.00	12,016.23	8,418.00	79.11	81.68	54.179	-1,281.10	4,378.95	1,603.25	1,461.97	141.28	11.348	
12,900.00	9,360.00	12,092.91	8,418.00	80.67	83.19	54.179	-1,280.87	4,455.63	1,603.25	1,459.41	143.84	11.146	
12,923.32	9,360.00	12,116.23	8,418.00	81.15	83.65	54.179	-1,280.80	4,478.95	1,603.25	1,458.63	144.62	11.086	
13,000.00	9,360.00	12,192.91	8,418.00	82.71	85.17	54.179	-1,280.57	4,555.63	1,603.25	1,456.07	147.19	10.893	
13,023.32	9,360.00	12,216.23	8,418.00	83.18	85.64	54.179	-1,280.50	4,578.94	1,603.25	1,455.29	147.97	10.835	
13,100.00	9,360.00	12,292.91	8,418.00	84.74	87.16	54.179	-1,280.27	4,655.63	1,603.25	1,452.72	150.54	10.650	
13,123.32	9,360.00	12,316.23	8,418.00	85.22	87.62	54.179	-1,280.20	4,678.94	1,603.25	1,451.93	151.32	10.595	
13,200.00	9,360.00	12,392.91	8,418.00	86.78	89.15	54.179	-1,279.97	4,755.63	1,603.25	1,449.36	153.89	10.418	
13,223.32	9,360.00	12,416.23	8,418.00	87.25	89.61	54.179	-1,279.90	4,778.94	1,603.25	1,448.58	154.68	10.365	
13,300.00	9,360.00	12,492.91	8,418.00	88.82	91.14	54.179	-1,279.68	4,855.63	1,603.25	1,446.00	157.25	10.195	
13,323.32	9,360.00	12,516.23	8,418.00	89.29	91.60	54.179	-1,279.61	4,878.94	1,603.25	1,445.22	158.04	10.145	
13,400.00	9,360.00	12,592.91	8,418.00	90.86	93.13	54.179	-1,279.38	4,955.63	1,603.25	1,442.64	160.62	9.982	
13,423.32	9,360.00	12,616.23	8,418.00	91.33	93.60	54.179	-1,279.31	4,978.94	1,603.25	1,441.85	161.40	9.933	
13,500.00	9,360.00	12,692.91	8,418.00	92.90	95.13	54.179	-1,279.08	5,055.63	1,603.25	1,439.27	163.99	9.777	
13,523.32	9,360.00	12,716.23	8,418.00	93.37	95.60	54.179	-1,279.01	5,078.94	1,603.25	1,438.48	164.77	9.730	
13,600.00	9,360.00	12,792.91	8,418.00	94.94	97.13	54.179	-1,278.78	5,155.62	1,603.25	1,435.89	167.36	9.580	
13,623.32	9,360.00	12,816.23	8,418.00	95.41	97.60	54.179	-1,278.71	5,178.94	1,603.25	1,435.10	168.15	9.535	
13,700.00	9,360.00	12,892.91	8,418.00	96.98	99.14	54.179	-1,278.48	5,255.62	1,603.25	1,432.51	170.74	9.390	
13,723.32	9,360.00	12,916.23	8,418.00	97.46	99.61	54.179	-1,278.41	5,278.94	1,603.25	1,431.73	171.53	9.347	
13,800.00	9,360.00	12,992.91	8,418.00	99.03	101.14	54.179	-1,278.18	5,355.62	1,603.25	1,429.13	174.12	9.208	
13,823.32	9,360.00	13,016.23	8,418.00	99.50	101.61	54.179	-1,278.12	5,378.94	1,603.25	1,428.34	174.91	9.166	
13,900.00	9,360.00	13,092.91	8,418.00	101.07	103.15	54.179	-1,277.89	5,455.62	1,603.25	1,425.75	177.51	9.032	
13,923.32	9,360.00	13,116.23	8,418.00	101.55	103.62	54.179	-1,277.82	5,478.94	1,603.25	1,424.96	178.30	8.992	
14,000.00	9,360.00	13,192.91	8,418.00	103.12	105.17	54.179	-1,277.59	5,555.62	1,603.25	1,422.36	180.89	8.863	
14,023.32	9,360.00	13,216.23	8,418.00	103.60	105.64	54.179	-1,277.52	5,578.94	1,603.25	1,421.57	181.68	8.824	
14,100.00	9,360.00	13,292.91	8,418.00	105.17	107.18	54.179	-1,277.29	5,655.62	1,603.25	1,418.97	184.29	8.700	
14,123.32	9,360.00	13,316.23	8,418.00	105.64	107.65	54.179	-1,277.22	5,678.94	1,603.25	1,418.18	185.08	8.663	
14,200.00	9,360.00	13,392.91	8,418.00	107.21	109.19	54.179	-1,276.99	5,755.62	1,603.25	1,415.57	187.68	8.542	
14,223.32	9,360.00	13,416.23	8,418.00	107.69	109.67	54.179	-1,276.92	5,778.94	1,603.25	1,414.78	188.47	8.507	
14,300.00	9,360.00	13,492.91	8,418.00	109.26	111.21	54.179	-1,276.69	5,855.62	1,603.25	1,412.18	191.08	8.391	
14,323.32	9,360.00	13,516.23	8,418.00	109.74	111.68	54.179	-1,276.62	5,878.94	1,603.25	1,411.38	191.87	8.356	
14,400.00	9,360.00	13,592.91	8,418.00	111.31	113.23	54.179	-1,276.40	5,955.62	1,603.25	1,408.78	194.48	8.244	
14,423.32	9,360.00	13,616.23	8,418.00	111.79	113.70	54.179	-1,276.33	5,978.94	1,603.25	1,407.98	195.27	8.210	
14,500.00	9,360.00	13,692.91	8,418.00	113.36	115.25	54.179	-1,276.10	6,055.62	1,603.25	1,405.37	197.88	8.102	
14,523.32	9,360.00	13,716.23	8,418.00	113.84	115.72	54.179	-1,276.03	6,078.94	1,603.25	1,404.58	198.67	8.070	
14,600.00	9,360.00	13,792.91	8,418.00	115.42	117.28	54.179	-1,275.80	6,155.62	1,603.25	1,401.97	201.29	7.965	
14,623.32	9,360.00	13,816.23	8,418.00	115.89	117.75	54.179	-1,275.73	6,178.94	1,603.25	1,401.17	202.08	7.934	
14,700.00	9,360.00	13,892.91	8,418.00	117.47	119.30	54.179	-1,275.50	6,255.62	1,603.25	1,398.56	204.69	7.833	
14,723.32	9,360.00	13,916.23	8,418.00	117.95	119.77	54.179	-1,275.43	6,278.94	1,603.25	1,397.77	205.49	7.802	
14,800.00	9,360.00	13,992.91	8,418.00	119.52	121.33	54.179	-1,275.20	6,355.62	1,603.25	1,395.15	208.10	7.704	
14,823.32	9,360.00	14,016.23	8,418.00	120.00	121.80	54.179	-1,275.13	6,378.94	1,603.25	1,394.36	208.90	7.675	
14,900.00	9,360.00	14,092.91	8,418.00	121.57	123.35	54.179	-1,274.90	6,455.62	1,603.25	1,391.74	211.51	7.580	
14,923.32	9,360.00	14,116.23	8,418.00	122.05	123.83	54.179	-1,274.84	6,478.94	1,603.25	1,390.94	212.31	7.552	
15,000.00	9,360.00	14,192.91	8,418.00	123.63	125.38	54.179	-1,274.61	6,555.62	1,603.25	1,388.33	214.93	7.460	
15,023.32	9,360.00	14,216.23	8,418.00	124.11	125.86	54.179	-1,274.54	6,578.94	1,603.25	1,387.53	215.72	7.432	
15,100.00	9,360.00	14,292.91	8,418.00	125.68	127.41	54.179	-1,274.31	6,655.62	1,603.25	1,384.91	218.34	7.343	
15,123.32	9,360.00	14,316.23	8,418.00	126.16	127.89	54.179	-1,274.24	6,678.94	1,603.25	1,384.11	219.14	7.316	
15,200.00	9,360.00	14,392.91	8,418.00	127.74	129.44	54.179	-1,274.01	6,755.62	1,603.25	1,381.49	221.76	7.230	
15,223.32	9,360.00	14,416.23	8,418.00	128.22	129.92	54.179	-1,273.94	6,778.93	1,603.25	1,380.70	222.56	7.204	
15,300.00	9,360.00	14,492.91	8,418.00	129.79	131.48	54.179	-1,273.71	6,855.62	1,603.25	1,378.08	225.18	7.120	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (03) Bond 33-34 FED COM #106H - #106H - Plan 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IFR1												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		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 Centres (usft)	Between Ellipses (usft)			
15,323.32	9,360.00	14,516.23	8,418.00	130.27	131.95	54.179	-1,273.64	6,878.93	1,603.25	1,377.28	225.98	7.095	
15,400.00	9,360.00	14,592.91	8,418.00	131.85	133.51	54.179	-1,273.41	6,955.62	1,603.25	1,374.65	228.60	7.013	
15,423.32	9,360.00	14,616.23	8,418.00	132.33	133.98	54.179	-1,273.34	6,978.93	1,603.25	1,373.86	229.40	6.989	
15,500.00	9,360.00	14,692.91	8,418.00	133.90	135.54	54.179	-1,273.12	7,055.62	1,603.25	1,371.23	232.02	6.910	
15,523.32	9,360.00	14,716.23	8,418.00	134.38	136.02	54.179	-1,273.05	7,078.93	1,603.25	1,370.43	232.82	6.886	
15,600.00	9,360.00	14,792.91	8,418.00	135.96	137.58	54.179	-1,272.82	7,155.62	1,603.25	1,367.81	235.44	6.809	
15,623.32	9,360.00	14,816.23	8,418.00	136.44	138.05	54.179	-1,272.75	7,178.93	1,603.25	1,367.01	236.24	6.786	
15,700.00	9,360.00	14,892.91	8,418.00	138.02	139.62	54.179	-1,272.52	7,255.62	1,603.25	1,364.38	238.87	6.712	
15,723.32	9,360.00	14,916.23	8,418.00	138.50	140.09	54.179	-1,272.45	7,278.93	1,603.25	1,363.59	239.67	6.689	
15,800.00	9,360.00	14,992.91	8,418.00	140.07	141.65	54.179	-1,272.22	7,355.61	1,603.25	1,360.96	242.30	6.617	
15,823.32	9,360.00	15,016.23	8,418.00	140.55	142.13	54.179	-1,272.15	7,378.93	1,603.25	1,360.16	243.10	6.595	
15,900.00	9,360.00	15,092.91	8,418.00	142.13	143.69	54.179	-1,271.92	7,455.61	1,603.25	1,357.53	245.72	6.525	
15,923.32	9,360.00	15,116.23	8,418.00	142.61	144.17	54.179	-1,271.85	7,478.93	1,603.25	1,356.73	246.52	6.503	
16,000.00	9,360.00	15,192.91	8,418.00	144.19	145.73	54.179	-1,271.62	7,555.61	1,603.25	1,354.10	249.15	6.435	
16,023.32	9,360.00	15,216.23	8,418.00	144.67	146.21	54.179	-1,271.56	7,578.93	1,603.25	1,353.30	249.95	6.414	
16,100.00	9,360.00	15,292.91	8,418.00	146.25	147.77	54.179	-1,271.33	7,655.61	1,603.25	1,350.67	252.58	6.347	
16,123.32	9,360.00	15,316.23	8,418.00	146.73	148.25	54.179	-1,271.26	7,678.93	1,603.25	1,349.87	253.38	6.327	
16,200.00	9,360.00	15,392.91	8,418.00	148.31	149.81	54.179	-1,271.03	7,755.61	1,603.25	1,347.24	256.01	6.262	
16,223.32	9,360.00	15,416.23	8,418.00	148.79	150.29	54.179	-1,270.96	7,778.93	1,603.25	1,346.44	256.81	6.243	
16,300.00	9,360.00	15,492.91	8,418.00	150.37	151.85	54.179	-1,270.73	7,855.61	1,603.25	1,343.81	259.45	6.180	
16,323.32	9,360.00	15,516.23	8,418.00	150.85	152.33	54.179	-1,270.66	7,878.93	1,603.25	1,343.01	260.25	6.160	
16,400.00	9,360.00	15,592.91	8,418.00	152.42	153.90	54.179	-1,270.43	7,955.61	1,603.25	1,340.37	262.88	6.099	
16,423.32	9,360.00	15,616.23	8,418.00	152.90	154.37	54.179	-1,270.36	7,978.93	1,603.25	1,339.57	263.68	6.080	
16,500.00	9,360.00	15,692.91	8,418.00	154.48	155.94	54.179	-1,270.13	8,055.61	1,603.25	1,336.94	266.32	6.020	
16,523.32	9,360.00	15,716.23	8,418.00	154.96	156.42	54.179	-1,270.06	8,078.93	1,603.25	1,336.14	267.12	6.002	
16,600.00	9,360.00	15,792.91	8,418.00	156.54	157.98	54.179	-1,269.84	8,155.61	1,603.25	1,333.50	269.75	5.943	
16,623.32	9,360.00	15,816.23	8,418.00	157.02	158.46	54.179	-1,269.77	8,178.93	1,603.25	1,332.70	270.55	5.926	
16,700.00	9,360.00	15,892.91	8,418.00	158.60	160.03	54.179	-1,269.54	8,255.61	1,603.25	1,330.07	273.19	5.869	
16,723.32	9,360.00	15,916.23	8,418.00	159.08	160.50	54.179	-1,269.47	8,278.93	1,603.25	1,329.27	273.99	5.852	
16,800.00	9,360.00	15,992.91	8,418.00	160.66	162.07	54.179	-1,269.24	8,355.61	1,603.25	1,326.63	276.62	5.796	
16,823.32	9,360.00	16,016.23	8,418.00	161.14	162.55	54.179	-1,269.17	8,378.93	1,603.25	1,325.83	277.43	5.779	
16,900.00	9,360.00	16,092.91	8,418.00	162.73	164.12	54.179	-1,268.94	8,455.61	1,603.25	1,323.19	280.06	5.725	
16,923.32	9,360.00	16,116.23	8,418.00	163.21	164.60	54.179	-1,268.87	8,478.93	1,603.25	1,322.39	280.86	5.708	
17,000.00	9,360.00	16,192.91	8,418.00	164.79	166.16	54.179	-1,268.64	8,555.61	1,603.25	1,319.75	283.50	5.655	
17,023.32	9,360.00	16,216.23	8,418.00	165.27	166.64	54.179	-1,268.57	8,578.93	1,603.25	1,318.95	284.30	5.639	
17,100.00	9,360.00	16,292.91	8,418.00	166.85	168.21	54.179	-1,268.34	8,655.61	1,603.25	1,316.31	286.94	5.587	
17,123.32	9,360.00	16,316.23	8,418.00	167.33	168.69	54.179	-1,268.28	8,678.93	1,603.25	1,315.51	287.74	5.572	
17,200.00	9,360.00	16,392.91	8,418.00	168.91	170.26	54.179	-1,268.05	8,755.61	1,603.25	1,312.87	290.38	5.521	
17,223.32	9,360.00	16,416.23	8,418.00	169.39	170.74	54.179	-1,267.98	8,778.93	1,603.25	1,312.07	291.19	5.506	
17,300.00	9,360.00	16,492.91	8,418.00	170.97	172.31	54.179	-1,267.75	8,855.61	1,603.25	1,309.43	293.82	5.456	
17,323.32	9,360.00	16,516.23	8,418.00	171.45	172.78	54.179	-1,267.68	8,878.93	1,603.25	1,308.63	294.63	5.442	
17,400.00	9,360.00	16,592.91	8,418.00	173.03	174.36	54.179	-1,267.45	8,955.61	1,603.25	1,305.99	297.27	5.393	
17,423.32	9,360.00	16,616.23	8,418.00	173.51	174.83	54.179	-1,267.38	8,978.93	1,603.25	1,305.18	298.07	5.379	
17,500.00	9,360.00	16,692.91	8,418.00	175.09	176.40	54.179	-1,267.15	9,055.61	1,603.25	1,302.54	300.71	5.332	
17,523.32	9,360.00	16,716.23	8,418.00	175.57	176.88	54.179	-1,267.08	9,078.92	1,603.25	1,301.74	301.51	5.317	
17,600.00	9,360.00	16,792.91	8,418.00	177.16	178.45	54.179	-1,266.85	9,155.61	1,603.25	1,299.10	304.15	5.271	
17,623.32	9,360.00	16,816.23	8,418.00	177.64	178.93	54.179	-1,266.78	9,178.92	1,603.25	1,298.30	304.96	5.257	
17,700.00	9,360.00	16,892.91	8,418.00	179.22	180.50	54.179	-1,266.56	9,255.61	1,603.25	1,295.66	307.60	5.212	
17,723.32	9,360.00	16,916.23	8,418.00	179.70	180.98	54.179	-1,266.49	9,278.92	1,603.25	1,294.85	308.40	5.199	
17,800.00	9,360.00	16,992.91	8,418.00	181.28	182.55	54.179	-1,266.26	9,355.61	1,603.25	1,292.21	311.04	5.154	
17,823.32	9,360.00	17,016.23	8,418.00	181.76	183.03	54.179	-1,266.19	9,378.92	1,603.25	1,291.41	311.85	5.141	
17,900.00	9,360.00	17,092.91	8,418.00	183.34	184.60	54.179	-1,265.96	9,455.61	1,603.25	1,288.76	314.49	5.098	

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



Dixon Directional Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (03) Bond 33-34 FED COM #106H - #106H - Plan 1													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		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 Centres (usft)	Between Ellipses (usft)			
17,923.32	9,360.00	17,116.23	8,418.00	183.82	185.08	54.179	-1,265.89	9,478.92	1,603.25	1,287.96	315.29	5.085	
18,000.00	9,360.00	17,192.91	8,418.00	185.41	186.66	54.179	-1,265.66	9,555.61	1,603.25	1,285.32	317.94	5.043	
18,023.32	9,360.00	17,216.23	8,418.00	185.89	187.13	54.179	-1,265.59	9,578.92	1,603.25	1,284.51	318.74	5.030	
18,100.00	9,360.00	17,292.91	8,418.00	187.47	188.71	54.179	-1,265.36	9,655.60	1,603.25	1,281.87	321.38	4.989	
18,123.32	9,360.00	17,316.23	8,418.00	187.95	189.19	54.179	-1,265.29	9,678.92	1,603.25	1,281.07	322.19	4.976	
18,200.00	9,360.00	17,392.91	8,418.00	189.53	190.76	54.179	-1,265.06	9,755.60	1,603.25	1,278.42	324.83	4.936	
18,223.32	9,360.00	17,416.23	8,418.00	190.01	191.24	54.179	-1,265.00	9,778.92	1,603.25	1,277.62	325.63	4.923	
18,300.00	9,360.00	17,492.91	8,418.00	191.59	192.81	54.179	-1,264.77	9,855.60	1,603.25	1,274.98	328.28	4.884	
18,323.32	9,360.00	17,516.23	8,418.00	192.08	193.29	54.179	-1,264.70	9,878.92	1,603.25	1,274.17	329.08	4.872	
18,400.00	9,360.00	17,592.91	8,418.00	193.66	194.86	54.179	-1,264.47	9,955.60	1,603.25	1,271.53	331.73	4.833	
18,423.32	9,360.00	17,616.23	8,418.00	194.14	195.34	54.179	-1,264.40	9,978.92	1,603.25	1,270.72	332.53	4.821	
18,500.00	9,360.00	17,692.91	8,418.00	195.72	196.92	54.179	-1,264.17	10,055.60	1,603.25	1,268.08	335.18	4.783	
18,523.32	9,360.00	17,716.23	8,418.00	196.20	197.40	54.179	-1,264.10	10,078.92	1,603.25	1,267.27	335.98	4.772	
18,600.00	9,360.00	17,792.91	8,418.00	197.78	198.97	54.179	-1,263.87	10,155.60	1,603.25	1,264.63	338.63	4.735	
18,623.32	9,360.00	17,816.23	8,418.00	198.27	199.45	54.179	-1,263.80	10,178.92	1,603.25	1,263.82	339.43	4.723	
18,700.00	9,360.00	17,892.91	8,418.00	199.85	201.02	54.179	-1,263.57	10,255.60	1,603.25	1,261.18	342.08	4.687	
18,723.32	9,360.00	17,916.23	8,418.00	200.33	201.50	54.179	-1,263.50	10,278.92	1,603.25	1,260.37	342.88	4.676	
18,800.00	9,360.00	17,992.91	8,418.00	201.91	203.08	54.179	-1,263.28	10,355.60	1,603.25	1,257.73	345.53	4.640	
18,823.32	9,360.00	18,016.23	8,418.00	202.39	203.56	54.179	-1,263.21	10,378.92	1,603.25	1,256.92	346.33	4.629	
18,900.00	9,360.00	18,092.91	8,418.00	203.98	205.13	54.179	-1,262.98	10,455.60	1,603.25	1,254.28	348.98	4.594	
18,923.32	9,360.00	18,116.23	8,418.00	204.46	205.61	54.179	-1,262.91	10,478.92	1,603.25	1,253.47	349.78	4.584	
19,000.00	9,360.00	18,192.91	8,418.00	206.04	207.19	54.179	-1,262.68	10,555.60	1,603.25	1,250.83	352.43	4.549	
19,023.32	9,360.00	18,216.23	8,418.00	206.52	207.67	54.179	-1,262.61	10,578.92	1,603.25	1,250.02	353.23	4.539	
19,100.00	9,360.00	18,292.91	8,418.00	208.10	209.24	54.179	-1,262.38	10,655.60	1,603.25	1,247.37	355.88	4.505	
19,123.32	9,360.00	18,316.23	8,418.00	208.59	209.72	54.179	-1,262.31	10,678.92	1,603.25	1,246.57	356.69	4.495	
19,200.00	9,360.00	18,392.91	8,418.00	210.17	211.30	54.179	-1,262.08	10,755.60	1,603.25	1,243.92	359.33	4.462	
19,223.32	9,360.00	18,416.23	8,418.00	210.65	211.78	54.179	-1,262.01	10,778.92	1,603.25	1,243.12	360.14	4.452	
19,300.00	9,360.00	18,492.91	8,418.00	212.23	213.35	54.179	-1,261.78	10,855.60	1,603.25	1,240.47	362.79	4.419	
19,323.32	9,360.00	18,516.23	8,418.00	212.71	213.83	54.179	-1,261.72	10,878.92	1,603.25	1,239.66	363.59	4.410	
19,400.00	9,360.00	18,592.91	8,418.00	214.30	215.41	54.179	-1,261.49	10,955.60	1,603.25	1,237.02	366.24	4.378	
19,423.32	9,360.00	18,616.23	8,418.00	214.78	215.89	54.179	-1,261.42	10,978.92	1,603.25	1,236.21	367.04	4.368	
19,500.00	9,360.00	18,692.91	8,418.00	216.36	217.46	54.179	-1,261.19	11,055.60	1,603.25	1,233.56	369.69	4.337	
19,523.32	9,360.00	18,716.23	8,418.00	216.84	217.94	54.179	-1,261.12	11,078.92	1,603.25	1,232.76	370.50	4.327	
19,600.00	9,360.00	18,792.91	8,418.00	218.43	219.52	54.179	-1,260.89	11,155.60	1,603.25	1,230.11	373.15	4.297	
19,623.32	9,360.00	18,816.23	8,418.00	218.91	220.00	54.179	-1,260.82	11,178.92	1,603.25	1,229.30	373.95	4.287	
19,700.00	9,360.00	18,892.91	8,418.00	220.49	221.58	54.179	-1,260.59	11,255.60	1,603.25	1,226.65	376.60	4.257	
19,723.32	9,360.00	18,916.23	8,418.00	220.97	222.06	54.179	-1,260.52	11,278.92	1,603.25	1,225.85	377.41	4.248	
19,800.00	9,360.00	18,992.91	8,418.00	222.56	223.63	54.179	-1,260.29	11,355.60	1,603.25	1,223.20	380.05	4.218	
19,823.32	9,360.00	19,016.23	8,418.00	223.04	224.11	54.179	-1,260.22	11,378.91	1,603.25	1,222.39	380.86	4.210	
19,900.00	9,360.00	19,092.91	8,418.00	224.62	225.69	54.179	-1,260.00	11,455.60	1,603.25	1,219.75	383.51	4.180	
19,923.32	9,360.00	19,116.23	8,418.00	225.10	226.17	54.179	-1,259.93	11,478.91	1,603.25	1,218.94	384.32	4.172	
20,000.00	9,360.00	19,192.91	8,418.00	226.69	227.75	54.179	-1,259.70	11,555.60	1,603.25	1,216.29	386.96	4.143	
20,023.32	9,360.00	19,216.23	8,418.00	227.17	228.23	54.179	-1,259.63	11,578.91	1,603.25	1,215.48	387.77	4.135	
20,100.00	9,360.00	19,292.91	8,418.00	228.75	229.80	54.179	-1,259.40	11,655.60	1,603.25	1,212.83	390.42	4.106	
20,118.99	9,360.00	19,311.91	8,418.00	229.14	230.20	54.179	-1,259.34	11,674.59	1,603.25	1,212.18	391.08	4.100	
20,181.28	9,360.00	19,374.19	8,418.00	230.43	231.48	54.179	-1,259.16	11,736.88	1,603.25	1,210.03	393.23	4.077 SF	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (04) Bond 33-34 FED COM #104H - #104H - Plan 1													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1													Offset Well Error: 0.00 usft
Reference	Offset	Semi Major Axis		Distance		Rule Assigned:		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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	0.00	0.00	171.270	-256.63	39.41	259.66				
100.00	100.00	96.93	96.93	0.79	0.76	171.270	-256.63	39.41	259.64	258.09	1.55	167.816	
200.00	200.00	196.93	196.93	1.45	1.43	171.270	-256.63	39.41	259.64	256.77	2.87	90.407	
300.00	300.00	296.93	296.93	1.89	1.88	171.270	-256.63	39.41	259.64	255.87	3.77	68.876	
400.00	400.00	396.93	396.93	2.25	2.24	171.270	-256.63	39.41	259.64	255.14	4.50	57.746	
500.00	500.00	496.93	496.93	2.57	2.56	171.270	-256.63	39.41	259.64	254.52	5.13	50.655	
600.00	600.00	596.93	596.93	2.85	2.84	171.270	-256.63	39.41	259.64	253.95	5.69	45.627	
700.00	700.00	696.93	696.93	3.11	3.10	171.270	-256.63	39.41	259.64	253.43	6.21	41.821	
800.00	800.00	796.93	796.93	3.35	3.34	171.270	-256.63	39.41	259.64	252.95	6.69	38.809	
900.00	900.00	896.93	896.93	3.58	3.57	171.270	-256.63	39.41	259.64	252.50	7.14	36.347	
1,000.00	1,000.00	996.93	996.93	3.79	3.78	171.270	-256.63	39.41	259.64	252.07	7.57	34.286	
1,100.00	1,100.00	1,096.93	1,096.93	3.99	3.99	171.270	-256.63	39.41	259.64	251.66	7.98	32.526	
1,200.00	1,200.00	1,196.93	1,196.93	4.19	4.18	171.270	-256.63	39.41	259.64	251.27	8.38	31.000	
1,300.00	1,300.00	1,296.93	1,296.93	4.38	4.37	171.270	-256.63	39.41	259.64	250.89	8.75	29.660	
1,400.00	1,400.00	1,396.93	1,396.93	4.56	4.56	171.270	-256.63	39.41	259.64	250.52	9.12	28.471	
1,500.00	1,500.00	1,496.93	1,496.93	4.74	4.73	171.270	-256.63	39.41	259.64	250.17	9.47	27.406	
1,600.00	1,600.00	1,596.93	1,596.93	4.91	4.91	171.270	-256.63	39.41	259.64	249.82	9.82	26.445	
1,700.00	1,700.00	1,696.93	1,696.93	5.08	5.07	171.270	-256.63	39.41	259.64	249.49	10.15	25.572	
1,800.00	1,800.00	1,796.93	1,796.93	5.24	5.24	171.270	-256.63	39.41	259.64	249.16	10.48	24.774	
1,900.00	1,900.00	1,896.93	1,896.93	5.40	5.40	171.270	-256.63	39.41	259.64	248.84	10.80	24.041	
2,000.00	2,000.00	1,996.93	1,996.93	5.56	5.55	171.270	-256.63	39.41	259.64	248.53	11.11	23.365	
2,100.00	2,100.00	2,096.93	2,096.93	5.71	5.71	171.270	-256.63	39.41	259.64	248.22	11.42	22.738	
2,200.00	2,200.00	2,196.93	2,196.93	5.86	5.86	171.270	-256.63	39.41	259.64	247.92	11.72	22.154	
2,300.00	2,300.00	2,296.93	2,296.93	6.01	6.01	171.270	-256.63	39.41	259.64	247.63	12.02	21.609	
2,400.00	2,400.00	2,396.93	2,396.93	6.16	6.15	171.270	-256.63	39.41	259.64	247.34	12.31	21.099	
2,500.00	2,500.00	2,496.93	2,496.93	6.30	6.29	171.270	-256.63	39.41	259.64	247.05	12.59	20.620	
2,600.00	2,600.00	2,597.60	2,597.58	6.44	6.53	170.853	-256.21	41.25	259.51	246.65	12.87	20.171	
2,700.00	2,700.00	2,697.99	2,697.79	6.58	6.77	169.553	-254.90	47.00	259.20	246.07	13.13	19.746	
2,800.00	2,800.00	2,797.75	2,797.06	6.71	7.02	167.385	-252.72	56.56	258.97	245.59	13.39	19.348	
2,808.93	2,808.93	2,806.61	2,805.86	6.73	7.04	167.150	-252.49	57.59	258.97	245.57	13.40	19.323	
2,900.00	2,900.00	2,896.97	2,895.50	6.85	7.18	164.648	-249.97	68.63	259.22	245.59	13.63	19.020	
3,000.00	3,000.00	2,996.18	2,993.92	6.98	7.37	161.906	-247.20	80.77	260.08	246.19	13.89	18.727	
3,100.00	3,100.00	3,095.39	3,092.35	7.12	7.58	159.188	-244.43	92.91	261.53	247.38	14.15	18.483	
3,200.00	3,200.00	3,194.60	3,190.77	7.25	7.81	156.506	-241.66	105.05	263.58	249.16	14.42	18.285	
3,300.00	3,300.00	3,293.81	3,289.20	7.37	8.05	153.870	-238.89	117.19	266.20	251.51	14.69	18.125	
3,400.00	3,400.00	3,393.01	3,387.62	7.50	8.30	151.291	-236.12	129.32	269.38	254.41	14.97	18.000	
3,500.00	3,500.00	3,492.22	3,486.05	7.63	8.57	148.775	-233.35	141.46	273.10	257.85	15.25	17.903	
3,600.00	3,599.98	3,591.63	3,584.67	7.80	8.85	157.190	-230.58	153.63	276.39	260.84	15.56	17.768	
3,700.00	3,699.84	3,691.34	3,683.59	7.98	9.14	155.647	-227.80	165.83	278.09	262.23	15.85	17.543	
3,800.00	3,799.45	3,791.23	3,782.69	8.16	9.45	154.733	-225.01	178.05	277.94	261.79	16.16	17.204	
3,900.00	3,898.70	3,891.19	3,881.86	8.36	9.76	154.435	-222.22	190.28	275.82	259.36	16.46	16.756	
4,000.00	3,997.47	3,991.09	3,980.97	8.59	10.08	154.761	-219.43	202.50	271.68	254.92	16.76	16.208	
4,100.00	4,095.62	4,090.82	4,079.91	8.83	10.41	155.745	-216.65	214.70	265.57	248.51	17.05	15.574	
4,200.00	4,193.08	4,190.25	4,178.56	9.02	10.74	157.387	-213.87	226.87	257.69	240.42	17.27	14.921	
4,300.00	4,290.34	4,289.59	4,277.11	9.26	11.08	159.214	-211.10	239.03	249.52	232.01	17.51	14.247	
4,400.00	4,387.59	4,388.93	4,375.66	9.50	11.42	161.161	-208.33	251.18	241.63	223.88	17.75	13.613	
4,500.00	4,484.84	4,488.26	4,474.21	9.77	11.77	163.236	-205.55	263.34	234.04	216.06	17.98	13.017	
4,600.00	4,582.09	4,587.60	4,572.77	10.05	12.12	165.446	-202.78	275.49	226.77	208.57	18.20	12.459	
4,700.00	4,679.34	4,686.94	4,671.32	10.35	12.48	167.798	-200.01	287.64	219.87	201.45	18.42	11.937	
4,800.00	4,776.59	4,786.28	4,769.87	10.66	12.84	170.296	-197.24	299.80	213.36	194.72	18.64	11.448	
4,900.00	4,873.84	4,885.62	4,868.42	10.99	13.20	172.944	-194.46	311.95	207.28	188.42	18.86	10.991	
5,000.00	4,971.09	4,984.95	4,966.98	11.32	13.57	175.744	-191.69	324.11	201.67	182.58	19.09	10.562	

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (04) Bond 33-34 FED COM #104H - #104H - Plan 1													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1													Offset Well Error: 0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		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 Centres (usft)	Between Ellipses (usft)			
5,100.00	5,068.34	5,084.29	5,065.53	11.67	13.94	78.696	-188.92	336.26	196.58	177.22	19.35	10.157	
5,200.00	5,165.59	5,183.63	5,164.08	12.03	14.31	81.794	-186.15	348.42	192.04	172.39	19.65	9.772	
5,300.00	5,262.84	5,282.97	5,262.63	12.39	14.69	85.030	-183.37	360.57	188.09	168.09	20.00	9.404	
5,400.00	5,360.09	5,382.31	5,361.19	12.77	15.07	88.392	-180.60	372.73	184.77	164.35	20.42	9.048	
5,500.00	5,457.34	5,481.64	5,459.74	13.15	15.45	91.863	-177.83	384.88	182.12	161.19	20.93	8.703	
5,600.00	5,554.59	5,580.98	5,558.29	13.54	15.83	95.422	-175.06	397.04	180.16	158.64	21.53	8.369	
5,700.00	5,651.84	5,680.32	5,656.85	13.93	16.22	99.043	-172.28	409.19	178.92	156.69	22.24	8.047	
5,800.00	5,749.09	5,779.66	5,755.40	14.33	16.60	102.700	-169.51	421.35	178.42	155.36	23.05	7.740	
5,818.62	5,767.20	5,798.15	5,773.74	14.41	16.67	103.382	-169.00	423.61	178.40	155.19	23.22	7.684	
5,900.00	5,846.35	5,879.00	5,853.95	14.74	16.99	106.362	-166.74	433.50	178.65	154.67	23.98	7.451	
6,000.00	5,943.60	5,978.33	5,952.50	15.15	17.38	110.000	-163.97	445.66	179.62	154.62	25.00	7.185	
6,100.00	6,040.85	6,077.67	6,051.06	15.57	17.77	113.585	-161.19	457.81	181.31	155.20	26.10	6.945	
6,200.00	6,138.10	6,177.01	6,149.61	15.99	18.16	117.091	-158.42	469.96	183.70	156.42	27.28	6.733	
6,300.00	6,235.35	6,276.35	6,248.16	16.41	18.56	120.496	-155.65	482.12	186.78	158.26	28.51	6.550	
6,400.00	6,332.60	6,375.69	6,346.71	16.84	18.95	123.781	-152.88	494.27	190.50	160.71	29.78	6.396	
6,500.00	6,429.85	6,475.02	6,445.27	17.27	19.35	126.932	-150.10	506.43	194.82	163.75	31.07	6.270	
6,600.00	6,527.10	6,574.36	6,543.82	17.70	19.74	129.938	-147.33	518.58	199.71	167.35	32.37	6.170	
6,700.00	6,624.35	6,673.70	6,642.37	18.14	20.14	132.795	-144.56	530.74	205.13	171.46	33.67	6.093	
6,800.00	6,721.92	6,773.19	6,741.07	18.59	20.54	135.289	-141.78	542.91	210.01	175.12	34.89	6.019	
6,900.00	6,820.20	6,872.95	6,840.04	19.03	20.94	137.020	-139.00	555.12	212.69	176.73	35.96	5.915	
7,000.00	6,919.06	6,972.87	6,939.17	19.46	21.35	138.056	-136.21	567.34	212.95	176.07	36.88	5.775	
7,100.00	7,018.38	7,072.83	7,038.34	19.87	21.75	138.434	-133.42	579.57	210.65	173.01	37.64	5.596	
7,200.00	7,118.05	7,172.70	7,137.42	20.25	22.15	138.146	-130.63	591.79	205.75	167.51	38.23	5.381	
7,300.00	7,217.94	7,272.36	7,236.30	20.58	22.56	137.136	-127.85	603.99	198.27	159.66	38.61	5.135	
7,400.00	7,317.93	7,371.70	7,334.86	20.72	22.96	135.297	-125.08	616.14	188.41	149.76	38.64	4.876	
7,500.00	7,417.93	7,470.91	7,433.28	20.78	23.36	137.461	-122.31	628.28	177.92	139.44	38.48	4.624	
7,600.00	7,517.93	7,569.99	7,531.58	20.82	23.76	139.886	-119.54	640.40	167.71	129.53	38.18	4.393	
7,700.00	7,617.93	7,664.59	7,625.64	20.87	24.14	142.060	-117.32	650.17	159.36	121.53	37.83	4.212	
7,800.00	7,717.93	7,759.81	7,720.63	20.92	24.50	143.590	-115.87	656.51	154.12	116.50	37.63	4.096	
7,900.00	7,817.93	7,855.39	7,816.16	20.97	24.75	144.307	-115.22	659.35	151.83	114.27	37.56	4.042	
8,000.00	7,917.93	7,969.81	7,930.26	21.01	25.13	146.077	-114.06	665.78	148.00	110.36	37.64	3.932	
8,100.00	8,017.93	8,085.22	8,041.90	21.06	25.74	155.210	-109.03	693.84	131.80	96.44	35.35	3.728	
8,200.00	8,117.93	8,185.96	8,132.98	21.11	26.30	173.735	-101.48	735.90	111.70	81.29	30.41	3.673	
8,266.09	8,184.02	8,243.20	8,180.95	21.14	26.61	169.830	-95.98	766.59	105.72	77.16	28.56	3.702 CC, ES	
8,300.00	8,217.93	8,269.73	8,202.07	21.16	26.75	161.199	-93.14	782.39	107.69	78.18	29.51	3.650 SF	
8,400.00	8,317.93	8,337.74	8,252.63	21.21	27.10	139.649	-85.12	827.11	137.22	101.51	35.70	3.843	
8,500.00	8,417.93	8,392.62	8,289.27	21.26	27.35	125.770	-77.91	867.29	193.43	154.63	38.80	4.986	
8,600.00	8,517.93	8,437.06	8,315.98	21.31	27.54	117.320	-71.64	902.25	264.05	224.62	39.43	6.696	
8,700.00	8,617.93	8,473.39	8,335.71	21.35	27.68	111.962	-66.26	932.26	342.68	303.40	39.28	8.724	
8,800.00	8,717.93	8,500.00	8,348.91	21.40	27.78	108.741	-62.18	955.00	426.30	387.54	38.75	11.000	
8,900.00	8,817.91	8,528.90	8,362.03	21.48	27.87	14.571	-57.63	980.34	512.83	474.25	38.58	13.294	
9,000.00	8,916.79	8,550.00	8,370.77	21.94	27.94	10.128	-54.24	999.24	595.47	557.47	38.00	15.669	
9,100.00	9,011.73	8,586.26	8,384.12	22.47	28.04	7.026	-48.29	1,032.41	670.95	633.10	37.84	17.729	
9,200.00	9,099.84	8,618.48	8,394.18	23.01	28.11	5.210	-42.89	1,062.54	738.52	701.13	37.39	19.750	
9,300.00	9,178.45	8,650.00	8,402.34	23.52	28.18	3.999	-37.51	1,092.51	797.39	760.55	36.84	21.646	
9,400.00	9,245.16	8,700.00	8,411.81	23.97	28.25	2.861	-28.84	1,140.81	847.16	810.40	36.76	23.046	
9,500.00	9,297.95	8,723.13	8,414.74	24.35	28.27	2.351	-24.79	1,163.40	886.66	850.76	35.89	24.702	
9,600.00	9,335.22	8,750.00	8,416.98	24.62	28.30	1.905	-20.07	1,189.75	916.34	881.15	35.18	26.045	
9,700.00	9,355.84	8,816.26	8,418.00	24.78	28.32	1.119	-8.55	1,254.98	934.95	899.65	35.30	26.489	
9,722.25	9,358.22	8,837.97	8,418.00	24.79	28.32	0.902	-5.03	1,276.40	937.26	901.82	35.45	26.440	
9,800.00	9,360.00	8,914.65	8,418.00	24.83	28.34	0.232	6.07	1,352.27	938.94	902.94	36.00	26.084	
9,900.00	9,360.00	9,014.09	8,418.00	24.86	28.37	-0.444	17.45	1,451.06	938.96	902.24	36.72	25.570	

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



Dixon Directional Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (04) Bond 33-34 FED COM #104H - #104H - Plan 1													Offset Site Error: 0.00 usft		
Survey Program: 0-MWD+IFR1				Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned:				Offset Well Error: 0.00 usft	
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 Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
10,000.00	9,360.00	9,114.19	8,418.00	24.94	28.43	-0.913	25.43	1,550.83	939.05	901.54	37.51	25.033			
10,100.00	9,360.00	9,214.71	8,418.00	26.19	28.56	-1.169	29.93	1,651.24	939.13	900.77	38.36	24.483			
10,200.00	9,360.00	9,315.18	8,418.00	27.89	28.90	-1.220	31.07	1,751.70	939.14	899.91	39.24	23.935			
10,223.32	9,360.00	9,338.50	8,418.00	28.29	29.05	-1.220	31.14	1,775.02	939.14	899.69	39.45	23.807			
10,300.00	9,360.00	9,415.18	8,418.00	29.64	29.83	-1.220	31.37	1,851.70	939.14	899.00	40.15	23.393			
10,323.32	9,360.00	9,438.50	8,418.00	30.05	30.14	-1.220	31.44	1,875.02	939.14	898.78	40.37	23.265			
10,400.00	9,360.00	9,515.18	8,418.00	31.43	31.32	-1.220	31.67	1,951.70	939.14	898.05	41.10	22.852			
10,423.32	9,360.00	9,538.50	8,418.00	31.85	31.71	-1.220	31.74	1,975.02	939.14	897.82	41.33	22.725			
10,500.00	9,360.00	9,615.18	8,418.00	33.25	33.03	-1.220	31.97	2,051.70	939.14	897.06	42.08	22.316			
10,523.32	9,360.00	9,638.50	8,418.00	33.68	33.45	-1.220	32.04	2,075.02	939.14	896.82	42.32	22.191			
10,600.00	9,360.00	9,715.18	8,418.00	35.10	34.83	-1.220	32.27	2,151.70	939.14	896.04	43.11	21.787			
10,623.32	9,360.00	9,738.50	8,418.00	35.54	35.26	-1.220	32.33	2,175.02	939.14	895.79	43.35	21.664			
10,700.00	9,360.00	9,815.18	8,418.00	36.98	36.68	-1.220	32.56	2,251.70	939.14	894.98	44.16	21.267			
10,723.32	9,360.00	9,838.50	8,418.00	37.42	37.11	-1.220	32.63	2,275.02	939.14	894.73	44.41	21.146			
10,800.00	9,360.00	9,915.18	8,418.00	38.87	38.55	-1.220	32.86	2,351.70	939.14	893.90	45.24	20.758			
10,823.32	9,360.00	9,938.50	8,418.00	39.32	39.00	-1.220	32.93	2,375.02	939.14	893.64	45.50	20.640			
10,900.00	9,360.00	10,015.18	8,418.00	40.78	40.45	-1.220	33.16	2,451.70	939.14	892.79	46.35	20.260			
10,923.32	9,360.00	10,038.50	8,418.00	41.23	40.90	-1.220	33.23	2,475.02	939.14	892.52	46.62	20.145			
11,000.00	9,360.00	10,115.18	8,418.00	42.71	42.37	-1.220	33.46	2,551.70	939.14	891.65	47.49	19.774			
11,023.32	9,360.00	10,138.50	8,418.00	43.16	42.82	-1.220	33.53	2,575.02	939.14	891.38	47.76	19.662			
11,100.00	9,360.00	10,215.18	8,418.00	44.65	44.31	-1.220	33.76	2,651.70	939.14	890.49	48.65	19.302			
11,123.32	9,360.00	10,238.50	8,418.00	45.10	44.76	-1.220	33.83	2,675.02	939.14	890.21	48.93	19.193			
11,200.00	9,360.00	10,315.18	8,418.00	46.60	46.25	-1.220	34.05	2,751.70	939.14	889.30	49.84	18.843			
11,223.32	9,360.00	10,338.50	8,418.00	47.06	46.71	-1.220	34.12	2,775.02	939.14	889.02	50.12	18.738			
11,300.00	9,360.00	10,415.18	8,418.00	48.56	48.21	-1.220	34.35	2,851.70	939.14	888.10	51.04	18.399			
11,323.32	9,360.00	10,438.50	8,418.00	49.02	48.67	-1.220	34.42	2,875.02	939.14	887.81	51.33	18.296			
11,400.00	9,360.00	10,515.18	8,418.00	50.53	50.18	-1.220	34.65	2,951.70	939.14	886.87	52.27	17.967			
11,423.32	9,360.00	10,538.50	8,418.00	50.99	50.64	-1.220	34.72	2,975.02	939.14	886.58	52.56	17.868			
11,500.00	9,360.00	10,615.18	8,418.00	52.50	52.15	-1.220	34.95	3,051.70	939.14	885.63	53.51	17.550			
11,523.32	9,360.00	10,638.50	8,418.00	52.97	52.61	-1.220	35.02	3,075.02	939.14	885.34	53.81	17.454			
11,600.00	9,360.00	10,715.18	8,418.00	54.49	54.13	-1.220	35.25	3,151.70	939.14	884.37	54.77	17.146			
11,623.32	9,360.00	10,738.50	8,418.00	54.95	54.59	-1.220	35.32	3,175.01	939.14	884.07	55.07	17.054			
11,700.00	9,360.00	10,815.18	8,418.00	56.48	56.12	-1.220	35.55	3,251.70	939.14	883.10	56.05	16.756			
11,723.32	9,360.00	10,838.50	8,418.00	56.94	56.58	-1.220	35.61	3,275.01	939.14	882.80	56.35	16.667			
11,800.00	9,360.00	10,915.18	8,418.00	58.47	58.11	-1.220	35.84	3,351.70	939.14	881.81	57.34	16.379			
11,823.32	9,360.00	10,938.50	8,418.00	58.94	58.58	-1.220	35.91	3,375.01	939.14	881.50	57.64	16.293			
11,900.00	9,360.00	11,015.18	8,418.00	60.47	60.11	-1.220	36.14	3,451.70	939.14	880.50	58.64	16.015			
11,923.32	9,360.00	11,038.50	8,418.00	60.94	60.58	-1.220	36.21	3,475.01	939.14	880.19	58.95	15.932			
12,000.00	9,360.00	11,115.18	8,418.00	62.48	62.12	-1.220	36.44	3,551.70	939.14	879.18	59.96	15.663			
12,023.32	9,360.00	11,138.50	8,418.00	62.95	62.58	-1.220	36.51	3,575.01	939.14	878.88	60.27	15.583			
12,100.00	9,360.00	11,215.18	8,418.00	64.49	64.12	-1.220	36.74	3,651.70	939.14	877.86	61.29	15.324			
12,123.32	9,360.00	11,238.50	8,418.00	64.96	64.59	-1.220	36.81	3,675.01	939.14	877.54	61.60	15.246			
12,200.00	9,360.00	11,315.18	8,418.00	66.50	66.14	-1.220	37.04	3,751.69	939.14	876.52	62.63	14.996			
12,223.32	9,360.00	11,338.50	8,418.00	66.97	66.61	-1.220	37.11	3,775.01	939.14	876.20	62.94	14.921			
12,300.00	9,360.00	11,415.18	8,418.00	68.52	68.15	-1.220	37.33	3,851.69	939.14	875.17	63.98	14.679			
12,323.32	9,360.00	11,438.50	8,418.00	68.99	68.62	-1.220	37.40	3,875.01	939.14	874.85	64.29	14.607			
12,400.00	9,360.00	11,515.18	8,418.00	70.54	70.17	-1.220	37.63	3,951.69	939.14	873.81	65.34	14.374			
12,423.32	9,360.00	11,538.50	8,418.00	71.01	70.64	-1.220	37.70	3,975.01	939.14	873.49	65.66	14.304			
12,500.00	9,360.00	11,615.18	8,418.00	72.56	72.19	-1.220	37.93	4,051.69	939.14	872.44	66.71	14.078			
12,523.32	9,360.00	11,638.50	8,418.00	73.03	72.66	-1.220	38.00	4,075.01	939.14	872.11	67.03	14.011			
12,600.00	9,360.00	11,715.18	8,418.00	74.58	74.22	-1.220	38.23	4,151.69	939.14	871.06	68.09	13.793			
12,623.32	9,360.00	11,738.50	8,418.00	75.06	74.69	-1.220	38.30	4,175.01	939.14	870.73	68.41	13.728			

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (04) Bond 33-34 FED COM #104H - #104H - Plan 1													Offset Site Error:	0.00 usft	
Survey Program:		0-MWD+IFR1		Offset			Semi Major Axis		Offset Wellbore Centre		Rule Assigned:			Offset Well Error:	0.00 usft
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 Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
12,700.00	9,360.00	11,815.18	8,418.00	76.61	76.24	-1.220	38.53	4,251.69	939.14	869.67	69.47	13.518			
12,723.32	9,360.00	11,838.50	8,418.00	77.08	76.71	-1.220	38.60	4,275.01	939.14	869.35	69.80	13.455			
12,800.00	9,360.00	11,915.18	8,418.00	78.64	78.27	-1.220	38.83	4,351.69	939.14	868.28	70.87	13.252			
12,823.32	9,360.00	11,938.50	8,418.00	79.11	78.74	-1.220	38.90	4,375.01	939.14	867.95	71.19	13.191			
12,900.00	9,360.00	12,015.18	8,418.00	80.67	80.30	-1.220	39.12	4,451.69	939.14	866.87	72.27	12.995			
12,923.32	9,360.00	12,038.50	8,418.00	81.15	80.77	-1.220	39.19	4,475.01	939.14	866.55	72.60	12.936			
13,000.00	9,360.00	12,115.18	8,418.00	82.71	82.33	-1.220	39.42	4,551.69	939.14	865.47	73.68	12.747			
13,023.32	9,360.00	12,138.50	8,418.00	83.18	82.81	-1.220	39.49	4,575.01	939.14	865.14	74.01	12.690			
13,100.00	9,360.00	12,215.18	8,418.00	84.74	84.37	-1.220	39.72	4,651.69	939.14	864.05	75.09	12.506			
13,123.32	9,360.00	12,238.50	8,418.00	85.22	84.84	-1.220	39.79	4,675.01	939.14	863.72	75.42	12.452			
13,200.00	9,360.00	12,315.18	8,418.00	86.78	86.40	-1.220	40.02	4,751.69	939.14	862.63	76.51	12.274			
13,223.32	9,360.00	12,338.50	8,418.00	87.25	86.88	-1.220	40.09	4,775.01	939.14	862.30	76.85	12.221			
13,300.00	9,360.00	12,415.18	8,418.00	88.82	88.44	-1.220	40.32	4,851.69	939.14	861.20	77.94	12.049			
13,323.32	9,360.00	12,438.50	8,418.00	89.29	88.92	-1.220	40.39	4,875.01	939.14	860.87	78.27	11.998			
13,400.00	9,360.00	12,515.18	8,418.00	90.86	90.48	-1.220	40.61	4,951.69	939.14	859.77	79.37	11.832			
13,423.32	9,360.00	12,538.50	8,418.00	91.33	90.96	-1.220	40.68	4,975.01	939.14	859.43	79.71	11.782			
13,500.00	9,360.00	12,615.18	8,418.00	92.90	92.52	-1.220	40.91	5,051.69	939.14	858.33	80.81	11.622			
13,523.32	9,360.00	12,638.50	8,418.00	93.37	93.00	-1.220	40.98	5,075.01	939.14	858.00	81.15	11.573			
13,600.00	9,360.00	12,715.18	8,418.00	94.94	94.56	-1.220	41.21	5,151.69	939.14	856.89	82.25	11.418			
13,623.32	9,360.00	12,738.50	8,418.00	95.41	95.04	-1.220	41.28	5,175.01	939.14	856.55	82.59	11.371			
13,700.00	9,360.00	12,815.18	8,418.00	96.98	96.61	-1.220	41.51	5,251.69	939.14	855.44	83.70	11.220			
13,723.32	9,360.00	12,838.50	8,418.00	97.46	97.08	-1.220	41.58	5,275.01	939.14	855.10	84.04	11.175			
13,800.00	9,360.00	12,915.18	8,418.00	99.03	98.65	-1.220	41.81	5,351.69	939.14	853.99	85.15	11.029			
13,823.32	9,360.00	12,938.50	8,418.00	99.50	99.13	-1.220	41.88	5,375.01	939.14	853.65	85.49	10.985			
13,900.00	9,360.00	13,015.18	8,418.00	101.07	100.70	-1.220	42.11	5,451.69	939.14	852.54	86.61	10.844			
13,923.32	9,360.00	13,038.50	8,418.00	101.55	101.17	-1.220	42.18	5,475.00	939.14	852.19	86.95	10.801			
14,000.00	9,360.00	13,115.18	8,418.00	103.12	102.74	-1.220	42.40	5,551.69	939.14	851.08	88.07	10.664			
14,023.32	9,360.00	13,138.50	8,418.00	103.60	103.22	-1.220	42.47	5,575.00	939.14	850.73	88.41	10.623			
14,100.00	9,360.00	13,215.18	8,418.00	105.17	104.79	-1.220	42.70	5,651.69	939.14	849.61	89.53	10.490			
14,123.32	9,360.00	13,238.50	8,418.00	105.64	105.27	-1.220	42.77	5,675.00	939.14	849.27	89.87	10.450			
14,200.00	9,360.00	13,315.18	8,418.00	107.21	106.84	-1.220	43.00	5,751.69	939.14	848.14	91.00	10.320			
14,223.32	9,360.00	13,338.50	8,418.00	107.69	107.31	-1.220	43.07	5,775.00	939.14	847.80	91.34	10.282			
14,300.00	9,360.00	13,415.18	8,418.00	109.26	108.88	-1.220	43.30	5,851.69	939.14	846.67	92.47	10.156			
14,323.32	9,360.00	13,438.50	8,418.00	109.74	109.36	-1.220	43.37	5,875.00	939.14	846.33	92.81	10.119			
14,400.00	9,360.00	13,515.18	8,418.00	111.31	110.93	-1.220	43.60	5,951.69	939.14	845.20	93.94	9.997			
14,423.32	9,360.00	13,538.50	8,418.00	111.79	111.41	-1.220	43.67	5,975.00	939.14	844.86	94.29	9.960			
14,500.00	9,360.00	13,615.18	8,418.00	113.36	112.98	-1.220	43.90	6,051.68	939.14	843.72	95.42	9.842			
14,523.32	9,360.00	13,638.50	8,418.00	113.84	113.46	-1.220	43.96	6,075.00	939.14	843.38	95.77	9.807			
14,600.00	9,360.00	13,715.18	8,418.00	115.42	115.03	-1.220	44.19	6,151.68	939.14	842.24	96.90	9.692			
14,623.32	9,360.00	13,738.50	8,418.00	115.89	115.51	-1.220	44.26	6,175.00	939.14	841.90	97.25	9.657			
14,700.00	9,360.00	13,815.18	8,418.00	117.47	117.09	-1.220	44.49	6,251.68	939.14	840.76	98.38	9.546			
14,723.32	9,360.00	13,838.50	8,418.00	117.95	117.56	-1.220	44.56	6,275.00	939.14	840.41	98.73	9.512			
14,800.00	9,360.00	13,915.18	8,418.00	119.52	119.14	-1.220	44.79	6,351.68	939.14	839.27	99.87	9.404			
14,823.32	9,360.00	13,938.50	8,418.00	120.00	119.62	-1.220	44.86	6,375.00	939.14	838.93	100.22	9.371			
14,900.00	9,360.00	14,015.18	8,418.00	121.57	121.19	-1.220	45.09	6,451.68	939.14	837.79	101.36	9.266			
14,923.32	9,360.00	14,038.50	8,418.00	122.05	121.67	-1.220	45.16	6,475.00	939.14	837.44	101.71	9.234			
15,000.00	9,360.00	14,115.18	8,418.00	123.63	123.24	-1.220	45.39	6,551.68	939.14	836.29	102.85	9.131			
15,023.32	9,360.00	14,138.50	8,418.00	124.11	123.72	-1.220	45.46	6,575.00	939.14	835.95	103.20	9.101			
15,100.00	9,360.00	14,215.18	8,418.00	125.68	125.30	-1.220	45.68	6,651.68	939.14	834.80	104.34	9.001			
15,123.32	9,360.00	14,238.50	8,418.00	126.16	125.78	-1.220	45.75	6,675.00	939.14	834.45	104.69	8.971			
15,200.00	9,360.00	14,315.18	8,418.00	127.74	127.35	-1.220	45.98	6,751.68	939.14	833.31	105.84	8.873			
15,223.32	9,360.00	14,338.50	8,418.00	128.22	127.83	-1.220	46.05	6,775.00	939.14	832.96	106.19	8.844			

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (04) Bond 33-34 FED COM #104H - #104H - Plan 1													Offset Site Error: 0.00 usft		
Survey Program: 0-MWD+IFR1				Offset			Semi Major Axis		Offset Wellbore Centre		Rule Assigned: Distance			Offset Well Error: 0.00 usft	
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 Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
15,300.00	9,360.00	14,415.18	8,418.00	129.79	129.41	-1.220	46.28	6,851.68	939.14	831.81	107.33	8.750			
15,323.32	9,360.00	14,438.50	8,418.00	130.27	129.89	-1.220	46.35	6,875.00	939.14	831.46	107.68	8.721			
15,400.00	9,360.00	14,515.18	8,418.00	131.85	131.46	-1.220	46.58	6,951.68	939.14	830.31	108.83	8.629			
15,423.32	9,360.00	14,538.50	8,418.00	132.33	131.94	-1.220	46.65	6,975.00	939.14	829.96	109.18	8.601			
15,500.00	9,360.00	14,615.18	8,418.00	133.90	133.52	-1.220	46.88	7,051.68	939.14	828.81	110.34	8.512			
15,523.32	9,360.00	14,638.50	8,418.00	134.38	134.00	-1.220	46.95	7,075.00	939.14	828.46	110.69	8.485			
15,600.00	9,360.00	14,715.18	8,418.00	135.96	135.57	-1.220	47.18	7,151.68	939.14	827.30	111.84	8.397			
15,623.32	9,360.00	14,738.50	8,418.00	136.44	136.05	-1.220	47.25	7,175.00	939.14	826.95	112.19	8.371			
15,700.00	9,360.00	14,815.18	8,418.00	138.02	137.63	-1.220	47.47	7,251.68	939.14	825.80	113.35	8.286			
15,723.32	9,360.00	14,838.50	8,418.00	138.50	138.11	-1.220	47.54	7,275.00	939.14	825.45	113.70	8.260			
15,800.00	9,360.00	14,915.18	8,418.00	140.07	139.69	-1.220	47.77	7,351.68	939.14	824.29	114.85	8.177			
15,823.32	9,360.00	14,938.50	8,418.00	140.55	140.17	-1.220	47.84	7,375.00	939.14	823.94	115.20	8.152			
15,900.00	9,360.00	15,015.18	8,418.00	142.13	141.75	-1.220	48.07	7,451.68	939.14	822.78	116.36	8.071			
15,923.32	9,360.00	15,038.50	8,418.00	142.61	142.23	-1.220	48.14	7,475.00	939.14	822.43	116.71	8.047			
16,000.00	9,360.00	15,115.18	8,418.00	144.19	143.80	-1.220	48.37	7,551.68	939.14	821.27	117.87	7.967			
16,023.32	9,360.00	15,138.50	8,418.00	144.67	144.28	-1.220	48.44	7,575.00	939.14	820.92	118.23	7.944			
16,100.00	9,360.00	15,215.18	8,418.00	146.25	145.86	-1.220	48.67	7,651.68	939.14	819.76	119.39	7.867			
16,123.32	9,360.00	15,238.50	8,418.00	146.73	146.34	-1.220	48.74	7,674.99	939.14	819.40	119.74	7.843			
16,200.00	9,360.00	15,315.18	8,418.00	148.31	147.92	-1.220	48.96	7,751.68	939.14	818.24	120.90	7.768			
16,223.32	9,360.00	15,338.50	8,418.00	148.79	148.40	-1.220	49.03	7,774.99	939.14	817.89	121.25	7.745			
16,300.00	9,360.00	15,415.18	8,418.00	150.37	149.98	-1.220	49.26	7,851.68	939.14	816.73	122.41	7.672			
16,323.32	9,360.00	15,438.50	8,418.00	150.85	150.46	-1.220	49.33	7,874.99	939.14	816.38	122.77	7.650			
16,400.00	9,360.00	15,515.18	8,418.00	152.42	152.04	-1.220	49.56	7,951.68	939.14	815.21	123.93	7.578			
16,423.32	9,360.00	15,538.50	8,418.00	152.90	152.52	-1.220	49.63	7,974.99	939.14	814.86	124.28	7.556			
16,500.00	9,360.00	15,615.18	8,418.00	154.48	154.10	-1.220	49.86	8,051.68	939.14	813.69	125.45	7.486			
16,523.32	9,360.00	15,638.50	8,418.00	154.96	154.58	-1.220	49.93	8,074.99	939.14	813.34	125.80	7.465			
16,600.00	9,360.00	15,715.18	8,418.00	156.54	156.16	-1.220	50.16	8,151.68	939.14	812.17	126.97	7.397			
16,623.32	9,360.00	15,738.50	8,418.00	157.02	156.64	-1.220	50.23	8,174.99	939.14	811.82	127.32	7.376			
16,700.00	9,360.00	15,815.18	8,418.00	158.60	158.22	-1.220	50.46	8,251.67	939.14	810.65	128.49	7.309			
16,723.32	9,360.00	15,838.50	8,418.00	159.08	158.70	-1.220	50.53	8,274.99	939.14	810.30	128.84	7.289			
16,800.00	9,360.00	15,915.18	8,418.00	160.66	160.28	-1.220	50.75	8,351.67	939.14	809.13	130.01	7.224			
16,823.32	9,360.00	15,938.50	8,418.00	161.14	160.76	-1.220	50.82	8,374.99	939.14	808.78	130.37	7.204			
16,900.00	9,360.00	16,015.18	8,418.00	162.73	162.34	-1.220	51.05	8,451.67	939.14	807.61	131.53	7.140			
16,923.32	9,360.00	16,038.50	8,418.00	163.21	162.82	-1.220	51.12	8,474.99	939.14	807.25	131.89	7.121			
17,000.00	9,360.00	16,115.18	8,418.00	164.79	164.40	-1.220	51.35	8,551.67	939.14	806.08	133.06	7.058			
17,023.32	9,360.00	16,138.50	8,418.00	165.27	164.88	-1.220	51.42	8,574.99	939.14	805.73	133.41	7.039			
17,100.00	9,360.00	16,215.18	8,418.00	166.85	166.46	-1.220	51.65	8,651.67	939.14	804.56	134.58	6.978			
17,123.32	9,360.00	16,238.50	8,418.00	167.33	166.94	-1.220	51.72	8,674.99	939.14	804.20	134.94	6.960			
17,200.00	9,360.00	16,315.18	8,418.00	168.91	168.52	-1.220	51.95	8,751.67	939.14	803.03	136.11	6.900			
17,223.32	9,360.00	16,338.50	8,418.00	169.39	169.00	-1.220	52.02	8,774.99	939.14	802.68	136.47	6.882			
17,300.00	9,360.00	16,415.18	8,418.00	170.97	170.58	-1.220	52.25	8,851.67	939.14	801.51	137.64	6.823			
17,323.32	9,360.00	16,438.50	8,418.00	171.45	171.06	-1.220	52.31	8,874.99	939.14	801.15	137.99	6.806			
17,400.00	9,360.00	16,515.18	8,418.00	173.03	172.64	-1.220	52.54	8,951.67	939.14	799.98	139.17	6.748			
17,423.32	9,360.00	16,538.50	8,418.00	173.51	173.12	-1.220	52.61	8,974.99	939.14	799.62	139.52	6.731			
17,500.00	9,360.00	16,615.18	8,418.00	175.09	174.70	-1.220	52.84	9,051.67	939.14	798.45	140.70	6.675			
17,523.32	9,360.00	16,638.50	8,418.00	175.57	175.18	-1.220	52.91	9,074.99	939.14	798.09	141.05	6.658			
17,600.00	9,360.00	16,715.18	8,418.00	177.16	176.76	-1.220	53.14	9,151.67	939.14	796.92	142.23	6.603			
17,623.32	9,360.00	16,738.50	8,418.00	177.64	177.24	-1.220	53.21	9,174.99	939.14	796.56	142.58	6.587			
17,700.00	9,360.00	16,815.18	8,418.00	179.22	178.83	-1.220	53.44	9,251.67	939.14	795.39	143.76	6.533			
17,723.32	9,360.00	16,838.50	8,418.00	179.70	179.31	-1.220	53.51	9,274.99	939.14	795.03	144.11	6.517			
17,800.00	9,360.00	16,915.18	8,418.00	181.28	180.89	-1.220	53.74	9,351.67	939.14	793.85	145.29	6.464			
17,823.32	9,360.00	16,938.50	8,418.00	181.76	181.37	-1.220	53.81	9,374.99	939.14	793.50	145.65	6.448			

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

Dixon Directional

Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Offset Design: Bond South Pad - Phase 2 - (04) Bond 33-34 FED COM #104H - #104H - Plan 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IFR1												Offset Well Error:	0.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference	Offset	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Distance Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
17,900.00	9,360.00	17,015.18	8,418.00	183.34	182.95	-1.220	54.03	9,451.67	939.14	792.32	146.82	6.396	
17,923.32	9,360.00	17,038.50	8,418.00	183.82	183.43	-1.220	54.10	9,474.99	939.14	791.96	147.18	6.381	
18,000.00	9,360.00	17,115.18	8,418.00	185.41	185.01	-1.220	54.33	9,551.67	939.14	790.79	148.36	6.330	
18,023.32	9,360.00	17,138.50	8,418.00	185.89	185.49	-1.220	54.40	9,574.99	939.14	790.43	148.71	6.315	
18,100.00	9,360.00	17,215.18	8,418.00	187.47	187.08	-1.220	54.63	9,651.67	939.14	789.25	149.89	6.266	
18,123.32	9,360.00	17,238.50	8,418.00	187.95	187.56	-1.220	54.70	9,674.99	939.14	788.89	150.25	6.251	
18,200.00	9,360.00	17,315.18	8,418.00	189.53	189.14	-1.220	54.93	9,751.67	939.14	787.72	151.43	6.202	
18,223.32	9,360.00	17,338.50	8,418.00	190.01	189.62	-1.220	55.00	9,774.99	939.14	787.36	151.78	6.187	
18,300.00	9,360.00	17,415.18	8,418.00	191.59	191.20	-1.220	55.23	9,851.67	939.14	786.18	152.96	6.140	
18,323.32	9,360.00	17,438.50	8,418.00	192.08	191.68	-1.220	55.30	9,874.99	939.14	785.82	153.32	6.125	
18,400.00	9,360.00	17,515.18	8,418.00	193.66	193.26	-1.220	55.53	9,951.67	939.14	784.64	154.50	6.079	
18,423.32	9,360.00	17,538.50	8,418.00	194.14	193.74	-1.220	55.59	9,974.98	939.14	784.29	154.86	6.065	
18,500.00	9,360.00	17,615.18	8,418.00	195.72	195.33	-1.220	55.82	10,051.67	939.14	783.11	156.04	6.019	
18,523.32	9,360.00	17,638.50	8,418.00	196.20	195.81	-1.220	55.89	10,074.98	939.14	782.75	156.40	6.005	
18,600.00	9,360.00	17,715.18	8,418.00	197.78	197.39	-1.220	56.12	10,151.67	939.14	781.57	157.57	5.960	
18,623.32	9,360.00	17,738.50	8,418.00	198.27	197.87	-1.220	56.19	10,174.98	939.14	781.21	157.93	5.946	
18,700.00	9,360.00	17,815.18	8,418.00	199.85	199.45	-1.220	56.42	10,251.67	939.14	780.03	159.11	5.902	
18,723.32	9,360.00	17,838.50	8,418.00	200.33	199.93	-1.220	56.49	10,274.98	939.14	779.67	159.47	5.889	
18,800.00	9,360.00	17,915.18	8,418.00	201.91	201.52	-1.220	56.72	10,351.67	939.14	778.49	160.65	5.846	
18,823.32	9,360.00	17,938.50	8,418.00	202.39	202.00	-1.220	56.79	10,374.98	939.14	778.13	161.01	5.833	
18,900.00	9,360.00	18,015.18	8,418.00	203.98	203.58	-1.220	57.02	10,451.67	939.14	776.95	162.19	5.790	
18,923.32	9,360.00	18,038.50	8,418.00	204.46	204.06	-1.220	57.09	10,474.98	939.14	776.59	162.55	5.777	
19,000.00	9,360.00	18,115.18	8,418.00	206.04	205.64	-1.220	57.31	10,551.66	939.14	775.41	163.73	5.736	
19,023.32	9,360.00	18,138.50	8,418.00	206.52	206.13	-1.220	57.38	10,574.98	939.14	775.05	164.09	5.723	
19,100.00	9,360.00	18,215.18	8,418.00	208.10	207.71	-1.220	57.61	10,651.66	939.14	773.87	165.28	5.682	
19,123.32	9,360.00	18,238.50	8,418.00	208.59	208.19	-1.220	57.68	10,674.98	939.14	773.51	165.64	5.670	
19,200.00	9,360.00	18,315.18	8,418.00	210.17	209.77	-1.220	57.91	10,751.66	939.14	772.33	166.82	5.630	
19,223.32	9,360.00	18,338.50	8,418.00	210.65	210.25	-1.220	57.98	10,774.98	939.14	771.97	167.18	5.618	
19,300.00	9,360.00	18,415.18	8,418.00	212.23	211.84	-1.220	58.21	10,851.66	939.14	770.78	168.36	5.578	
19,323.32	9,360.00	18,438.50	8,418.00	212.71	212.32	-1.220	58.28	10,874.98	939.14	770.42	168.72	5.566	
19,400.00	9,360.00	18,515.18	8,418.00	214.30	213.90	-1.220	58.51	10,951.66	939.14	769.24	169.90	5.528	
19,423.32	9,360.00	18,538.50	8,418.00	214.78	214.38	-1.220	58.58	10,974.98	939.14	768.88	170.26	5.516	
19,500.00	9,360.00	18,615.18	8,418.00	216.36	215.97	-1.220	58.81	11,051.66	939.14	767.70	171.45	5.478	
19,523.32	9,360.00	18,638.50	8,418.00	216.84	216.45	-1.220	58.88	11,074.98	939.14	767.34	171.81	5.466	
19,600.00	9,360.00	18,715.18	8,418.00	218.43	218.03	-1.220	59.10	11,151.66	939.14	766.15	172.99	5.429	
19,623.32	9,360.00	18,738.50	8,418.00	218.91	218.51	-1.220	59.17	11,174.98	939.14	765.79	173.35	5.418	
19,700.00	9,360.00	18,815.18	8,418.00	220.49	220.09	-1.220	59.40	11,251.66	939.14	764.61	174.54	5.381	
19,723.32	9,360.00	18,838.50	8,418.00	220.97	220.58	-1.220	59.47	11,274.98	939.14	764.25	174.90	5.370	
19,800.00	9,360.00	18,915.18	8,418.00	222.56	222.16	-1.220	59.70	11,351.66	939.14	763.06	176.08	5.334	
19,823.32	9,360.00	18,938.50	8,418.00	223.04	222.64	-1.220	59.77	11,374.98	939.14	762.70	176.44	5.323	
19,900.00	9,360.00	19,015.18	8,418.00	224.62	224.22	-1.220	60.00	11,451.66	939.14	761.52	177.63	5.287	
19,923.32	9,360.00	19,038.50	8,418.00	225.10	224.71	-1.220	60.07	11,474.98	939.14	761.16	177.99	5.276	
20,000.00	9,360.00	19,115.18	8,418.00	226.69	226.29	-1.220	60.30	11,551.66	939.14	759.97	179.17	5.242	
20,023.32	9,360.00	19,138.50	8,418.00	227.17	226.77	-1.220	60.37	11,574.98	939.14	759.61	179.53	5.231	
20,100.00	9,360.00	19,215.18	8,418.00	228.75	228.35	-1.220	60.59	11,651.66	939.14	758.42	180.72	5.197	
20,118.98	9,360.00	19,234.16	8,418.00	229.14	228.75	-1.220	60.65	11,670.64	939.14	758.13	181.01	5.188	
20,181.28	9,360.00	19,296.39	8,418.00	230.43	230.03	-1.220	60.84	11,732.87	939.14	757.17	181.97	5.161	

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



Dixon Directional Anticollision Report

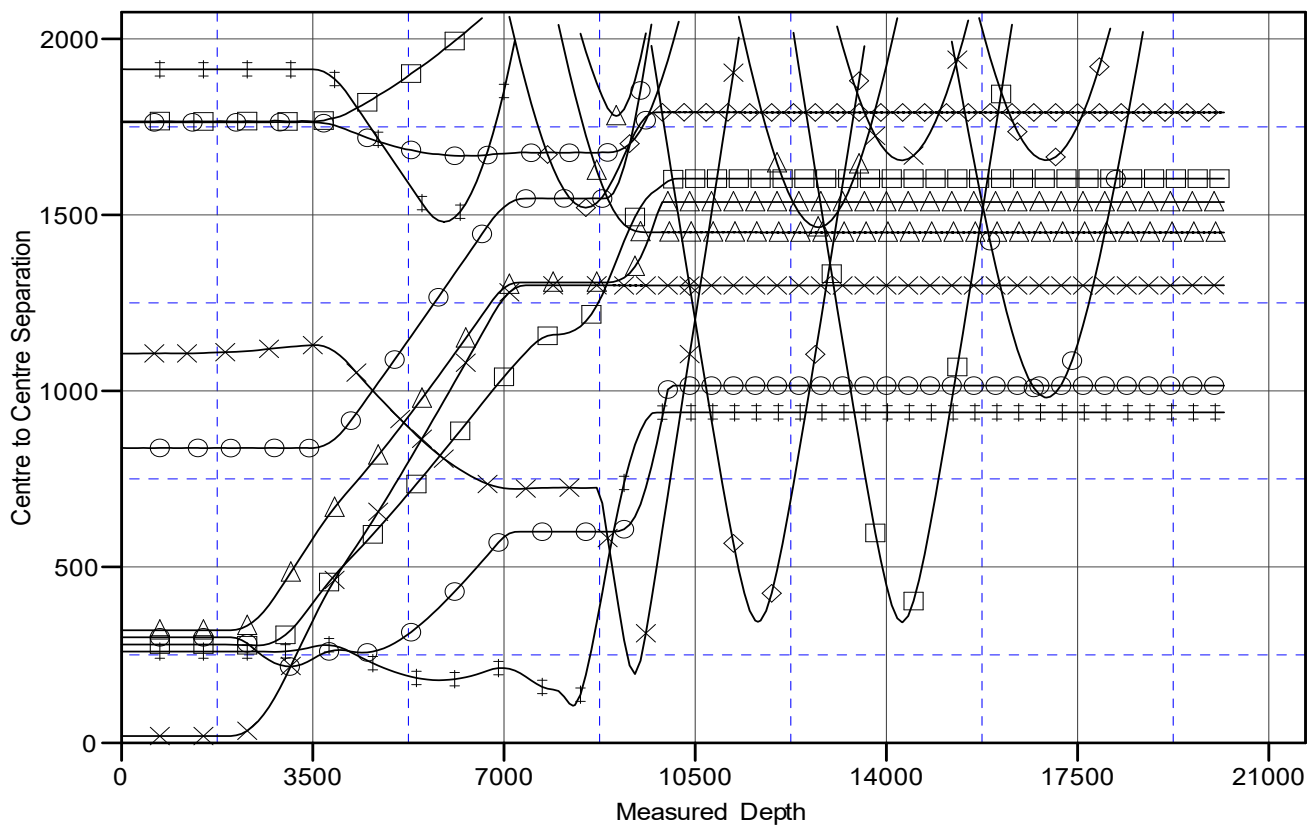


Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Reference Depths are relative to RKB - 30.5 @ 3718.11usft
Offset Depths are relative to Offset Datum
Central Meridian is -104.33333334

Coordinates are relative to: (01) Bond 33-34 FED COM 207H
Coordinate System is US State Plane 1983, New Mexico Eastern Zone
Grid Convergence at Surface is: 0.297°

Ladder Plot



LEGEND

(02) Bond 33-34 FED COM 211H, 211H, Plan 3 V0
(01) Bond 33-34 FED COM 209H, 209H, Plan 2 V0
(03) Bond 33-34 FED COM #103H, #103H, Plan 1 V0
(W14) KEELA FEDERAL 003, 33360, (Inc Only) V0
(W17) MAX STATE 001, 26754, (Inc Only) V0
(W16) LEARSTATE SWD 003, 29703, (Inc Only) V0
(W21) VANDIVER FEDERAL 001, 26352, (Inc Only) V0

(W12) HULSTER 006, 30572, (Inc Only) V0
(W07) GULF MCKAY FEDERAL 01, 25471, (Inc Only) V0
(W02) LEARSTATE 001H, 38865, (Gyro/MWD) V0
(W18) MCKAY WEST FEDERAL 01, 24631, (Inc Only) V0
(W05) GULF FEDERAL 002, 26310, (Inc Only) V0
(W05) PATTERSON 33 FEDERAL 001, 30411, (Depth Only) V0
(W03) LEARSTATE 002H, 38865, (Gyro/MWD) V0

(W08) GULF FEDERAL COM 001, 25637, (Inc Only) V0
(01) Bond 33-34 FED COM #309H, #309H, Plan 1 V0
(04) Bond 33-34 FED COM #104H, #104H, Plan 1 V0
(03) Bond 33-34 FED COM #109H, #109H, Plan 1 V0
(02) Bond 33-34 FED COM #304H, #304H, Plan 1 V0

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



Dixon Directional Anticollision Report



Company:	PBEX	Local Co-ordinate Reference:	Well (01) Bond 33-34 FED COM 207H
Project:	Lea County, NM (N83 - NME)	TVD Reference:	RKB - 30.5 @ 3718.11usft
Reference Site:	Bond South Pad - Phase 1	MD Reference:	RKB - 30.5 @ 3718.11usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	(01) Bond 33-34 FED COM 207H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	207H	Database:	EDM 5000.1 Dixon Directional
Reference Design:	Plan 2	Offset TVD Reference:	Offset Datum

Reference Depths are relative to RKB - 30.5 @ 3718.11usft

Offset Depths are relative to Offset Datum

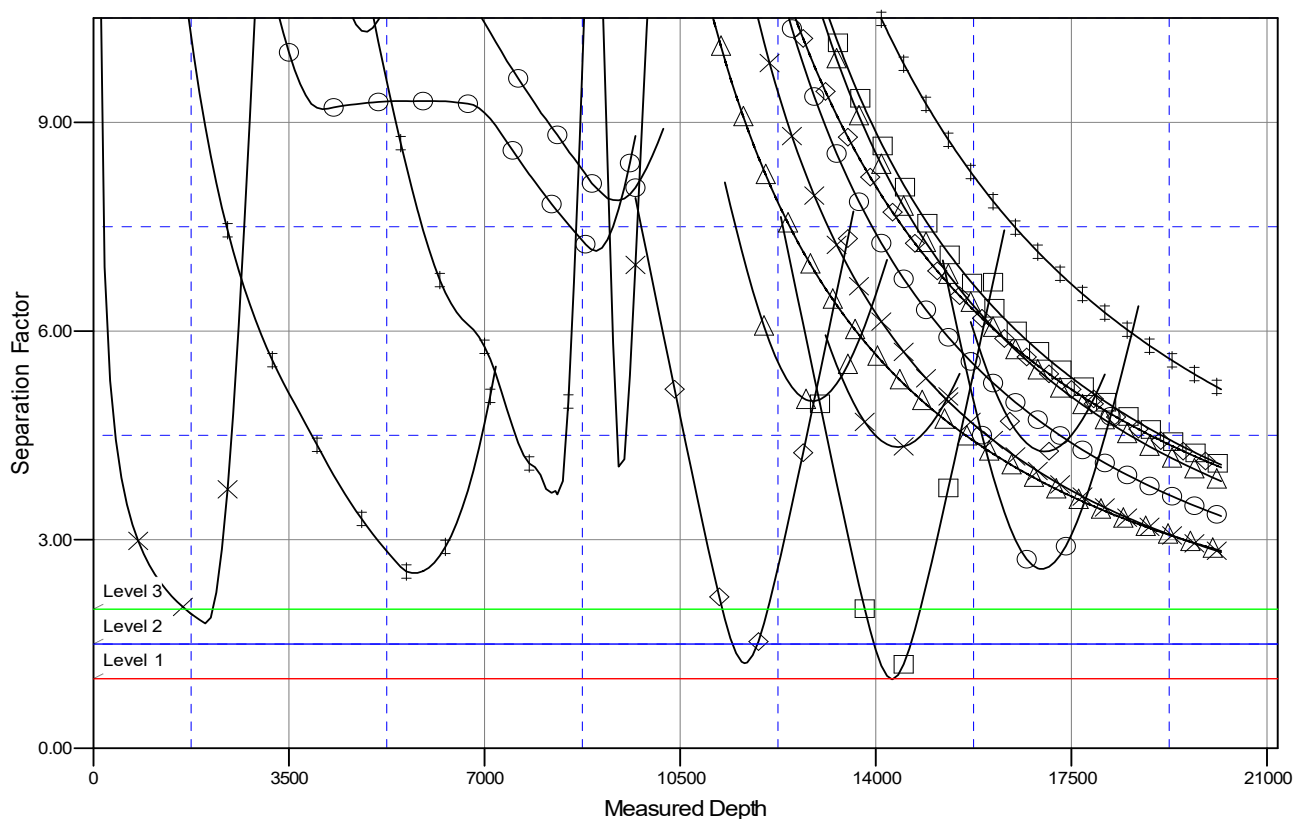
Central Meridian is -104.33333334

Coordinates are relative to: (01) Bond 33-34 FED COM 207H

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

Grid Convergence at Surface is: 0.297°

Separation Factor Plot



LEGEND

(02) Bond 33-34 FED COM 211H, 211H, Plan 3 V0
 (01) Bond 33-34 FED COM 209H, 209H, Plan 2 V0
 (03) Bond 33-34 FED COM #103H, #103H, Plan 1 V0
 (W14) KEELA FEDERAL 003, 3330, (Inc Only) V0
 (W17) MAXSTATE 001, 26754, (Inc Only) V0
 (W16) LEARSTATE SWD 003, 29703, (Inc Only) V0
 (W21) VANDIVER FEDERAL 001, 26352, (Inc Only) V0

(W12) HULSTER 005, 30572, (Inc Only) V0
 (W07) GULF MCKAY FEDERAL 01, 25471, (Inc Only) V0
 (W02) LEARSTATE 001H, 38865, (Gyro/MWD) V0
 (W18) MCKAY WEST FEDERAL 01, 24831, (Inc Only) V0
 (W05) GULF FEDERAL 002, 26310, (Inc Only) V0
 (W25) PATTERSON 33 FEDERAL 001, 30411, (Depth Only) V0
 (W03) LEARSTATE 002H, 38866, (Gyro/MWD) V0

(W08) GULF FEDERAL COM 001, 25637, (Inc Only) V0
 (01) Bond 33-34 FED COM #308H, #308H, Plan 1 V0
 (04) Bond 33-34 FED COM #104H, #104H, Plan 1 V0
 (03) Bond 33-34 FED COM #109H, #109H, Plan 1 V0
 (02) Bond 33-34 FED COM #304H, #304H, Plan 1 V0

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

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 572016

CONDITIONS

Operator: PBEX Operations, LLC 223 West Wall Street Midland, TX 79701	OGRID: 332544
	Action Number: 572016
	Action Type: [C-103A] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
matthew.gomez	If cement does not circulate to surface on any string, a Cement Bond Log (CBL) is required for that string of casing. If strata isolation is not achieved, remediation will be required before further operations may commence.	4/13/2026
matthew.gomez	All previous COA's still apply.	4/13/2026