

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

Form C-101
August 1, 2011

Permit 295474

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address PRIDE ENERGY COMPANY P.O. Box 701950 Tulsa, OK 74170-1950		2. OGRID Number 151323
		3. API Number 30-025-48905
4. Property Code 330838	5. Property Name GO STATE COM	6. Well No. 102H

7. Surface Location

UL - Lot B	Section 13	Township 19S	Range 34E	Lot Idn B	Feet From 350	N/S Line N	Feet From 2600	E/W Line E	County Lea
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8. Proposed Bottom Hole Location

UL - Lot O	Section 13	Township 19S	Range 34E	Lot Idn O	Feet From 100	N/S Line S	Feet From 3170	E/W Line W	County Lea
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9. Pool Information

SCHARB;BONE SPRING	55610
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3950
16. Multiple N	17. Proposed Depth 14748	18. Formation 1st Bone Spring Sand	19. Contractor	20. Spud Date 6/1/2021
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	1950	1610	0
Int1	12.25	9.625	40	3600	1170	0
Prod	8.75	5.5	20	14748	3130	3300

Casing/Cement Program: Additional Comments

Drill 17 1/2" hole to ~1,950' w/ fresh water spud mud. Run 13 3/8" 54.5# BTC casing to TD and cement to surface in one stage. Will use 1" tubing Class C w/ 2% CaC12 to cement to surface, if necessary. Drill 12 1/4" hole to ~3,600' with saturated brine water. Run 9 5/8" 36# LTC casing to TD and cement to surface in one stage. Drill 8.75" vertical hole, curve, and lateral to 14,800' with cut brine. Run 5 1/2" 20#HC P-110 GBCD Casing to TD. Circulate cement and bring TOC to 3,300'.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	4500	Cameron

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable.

Signature:

Printed Name: Electronically filed by John Pride

Title: President

Email Address: johnp@pride-energy.com

Date: 4/27/2021

Phone: 918-524-9200

OIL CONSERVATION DIVISION

Approved By: Paul F Kautz

Title: Geologist

Approved Date: 5/21/2021

Expiration Date: 5/21/2023

Conditions of Approval Attached

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State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office

□ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-	Pool Code 55610	Pool Name SCHARB: BONE SPRING
Property Code	Property Name GO STATE COM	Well Number 102-H
OGRID No.	Operator Name PRIDE ENERGY COMPANY	Elevation 3950'

Surface Location

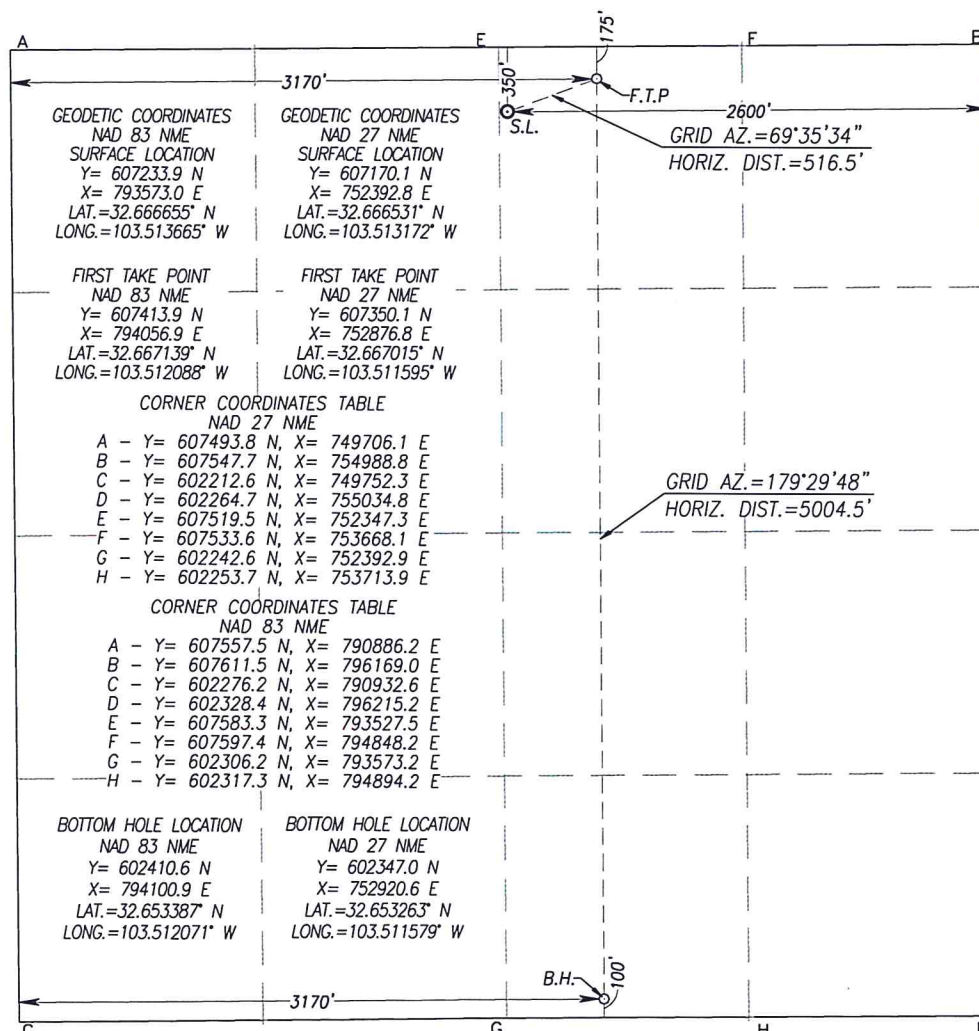
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	13	19-S	34-E		350	NORTH	2600	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	13	19-S	34-E		100	SOUTH	3170	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

John W. Pride 4/27/2021
Signature Date
John W. Pride
Printed Name
john@pride-energy.com
E-mail Address

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

APRIL 14, 2021
Date of Survey
Signature *Gary G. Eidson* 12641
Seal of Professional Surveyor
12641
Certificate Number
04/23/2021
Signature
12641
Ronald J. Eidson
3239
ACK JWSC W.O.: 21.11.0170

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GAS CAPTURE PLAN

Date: 5/21/2021

☒ Original

Operator & OGRID No.: [151323] PRIDE ENERGY COMPANY

☐ Amended - Reason for
Amendment: _____

This Gas Capture Plan outlines actions to be taken by the Operator to reduce well/production facility flaring/venting for new completion (new drill, recomple to new zone, re-frac) activity.

Note: Form C-129 must be submitted and approved prior to exceeding 60 days allowed by Rule (Subsection A of 19.15.18.12 NMAC).

Well(s)/Production Facility – Name of facility

The well(s) that will be located at the production facility are shown in the table below.

Well Name	API	Well Location (ULSTR)	Footages	Expected MCF/D	Flared or Vented	Comments
GO STATE COM #102H	30-025-48905	B-13-19S-34E	0350N 2600E	900	None	

Gathering System and Pipeline Notification

Well(s) will be connected to a production facility after flowback operations are complete, if gas transporter system is in place. The gas produced from production facility is dedicated to TARGA MIDSTREAM SERVICES LLC and will be connected to TARGA MIDSTREAM SERVICES LLC Low Pressure gathering system located in Lea County, New Mexico. It will require 0' of pipeline to connect the facility to Low Pressure gathering system. PRIDE ENERGY COMPANY provides (periodically) to TARGA MIDSTREAM SERVICES LLC a drilling, completion and estimated first production date for wells that are scheduled to be drilled in the foreseeable future. In addition, PRIDE ENERGY COMPANY and TARGA MIDSTREAM SERVICES LLC have periodic conference calls to discuss changes to drilling and completion schedules. Gas from these wells will be processed at TARGA MIDSTREAM SERVICES LLC Processing Plant located in Sec. 36, Twn. 19S, Rng. 36E, Lea County, New Mexico. The actual flow of the gas will be based on compression operating parameters and gathering system pressures.

Flowback Strategy

After the fracture treatment/completion operations, well(s) will be produced to temporary production tanks and gas will be flared or vented. During flowback, the fluids and sand content will be monitored. When the produced fluids contain minimal sand, the wells will be turned to production facilities. Gas sales should start as soon as the wells start flowing through the production facilities, unless there are operational issues on TARGA MIDSTREAM SERVICES LLC system at that time. Based on current information, it is PRIDE ENERGY COMPANY's belief the system can take this gas upon completion of the well(s).

Safety requirements during cleanout operations from the use of underbalanced air cleanout systems may necessitate that sand and non-pipeline quality gas be vented and/or flared rather than sold on a temporary basis.

Alternatives to Reduce Flaring

Below are alternatives considered from a conceptual standpoint to reduce the amount of gas flared.

- Power Generation – On lease
 - Only a portion of gas is consumed operating the generator, remainder of gas will be flared
- Compressed Natural Gas – On lease
 - Gas flared would be minimal, but might be uneconomical to operate when gas volume declines
- NGL Removal – On lease
 - Plants are expensive, residue gas is still flared, and uneconomical to operate when gas volume declines

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Form APD Conditions

Permit 295474

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: PRIDE ENERGY COMPANY [151323] P.O. Box 701950 Tulsa, OK 74170-1950	API Number: 30-025-48905
	Well: GO STATE COM #102H

OCD Reviewer	Condition
pkautz	Notify OCD 24 hours prior to casing & cement
pkautz	Will require a File As Drilled C-102 and a Directional Survey with the C-104
pkautz	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
pkautz	1) SURFACE & INTERMEDIATE CASING - Cement must circulate to surface -- 2) PRODUCTION CASING - Cement must tie back into intermediate casing --
pkautz	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water
pkautz	1)- The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud 2)- Drilling Sundries Form C-103 (Casing and Cement test are to be submitted within 10 days 3)- Completion Reports & Logs are to be submitted within 45 days 4)- Deviation / Directional Drill Survey are to be filed with or prior to C-104
pkautz	It is the operator's responsibility to monitor cancellation dates of approved APDs. APD's are good for 2 years and may be extended for one year. Only one 1 year extension will be granted if submitted by C-103 before expiration date. After expiration date or after a 1 year extension must submit new APD. If an APD expires and if site construction has occurred, site remediation is required.



PRIDE ENERGY

LEA CO., NM (NAD83)

SEC 13-T19S-R34E

GO STATE COM 102-H

Wellbore #1

Prelim Plan 0

Anticollision Report

25 April, 2021

PRIDE ENERGY COMPANY



SB Directional

Anticollision Report

PRIDE ENERGY COMPANY

Company:	PRIDE ENERGY	Local Co-ordinate Reference:	Well GO STATE COM 102-H
Project:	LEA CO., NM (NAD83)	TVD Reference:	RKB @ 3975.00usft
Reference Site:	SEC 13-T19S-R34E	MD Reference:	RKB @ 3975.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	GO STATE COM 102-H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.50 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Prelim Plan 0	Offset TVD Reference:	Offset Datum

Reference	Prelim Plan 0		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD Interval 50.00usft	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum centre distance of 1,500.00usft	Error Surface:	Pedal Curve
Warning Levels Evaluated at:	2.00 Sigma	Casing Method:	Not applied

Survey Tool Program		Date	2021/04/25		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
0.00	14,747.71	Prelim Plan 0 (Wellbore #1)	MWD	MWD - Standard	

Summary						
	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Site Name Offset Well - Wellbore - Design						
SEC 13-T19S-R34E						
GO STATE COM 101-H - Wellbore #1 - Prelim Plan 0	1,457.99	1,458.99	60.00	53.65	9.442	CC
GO STATE COM 101-H - Wellbore #1 - Prelim Plan 0	1,500.00	1,500.98	60.00	53.46	9.173	ES
GO STATE COM 101-H - Wellbore #1 - Prelim Plan 0	14,747.71	14,797.49	1,319.74	1,134.44	7.122	SF
GO STATE COM 203-H - Wellbore #1 - Prelim Plan 0	1,500.00	1,500.00	40.10	33.56	6.133	CC, ES
GO STATE COM 203-H - Wellbore #1 - Prelim Plan 0	1,600.00	1,599.98	41.58	34.60	5.960	SF
GO STATE COM 204-H - Wellbore #1 - Prelim Plan 0	1,200.00	1,200.00	19.90	14.69	3.820	CC, ES
GO STATE COM 204-H - Wellbore #1 - Prelim Plan 0	9,305.29	9,316.01	129.90	87.49	3.063	SF
GO STATE COM 305-H - Wellbore #1 - Prelim Plan 0	1,157.99	1,158.99	80.00	74.98	15.914	CC
GO STATE COM 305-H - Wellbore #1 - Prelim Plan 0	1,200.00	1,200.00	80.01	74.80	15.356	ES
GO STATE COM 305-H - Wellbore #1 - Prelim Plan 0	1,400.00	1,395.57	86.47	80.42	14.284	SF
GO STATE COM 306-H - Wellbore #1 - Prelim Plan 0	1,500.00	1,500.00	20.10	13.56	3.074	CC, ES
GO STATE COM 306-H - Wellbore #1 - Prelim Plan 0	9,400.00	9,392.78	91.41	48.17	2.114	SF

Offset Design: SEC 13-T19S-R34E - GO STATE COM 101-H - Wellbore #1 - Prelim Plan 0													Offset Site Error:	0.00 usft
Survey Program:		0-MWD						Rule Assigned:					Offset Well Error:	0.50 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	1.00	1.00	0.50	0.50	-90.48	-0.50	-60.00	60.00					
50.00	50.00	51.00	51.00	0.50	0.50	-90.48	-0.50	-60.00	60.00	59.00	1.00	59.844		
100.00	100.00	101.00	101.00	0.51	0.51	-90.48	-0.50	-60.00	60.00	58.99	1.01	59.145		
150.00	150.00	151.00	151.00	0.54	0.54	-90.48	-0.50	-60.00	60.00	58.93	1.08	55.795		
200.00	200.00	201.00	201.00	0.59	0.59	-90.48	-0.50	-60.00	60.00	58.83	1.18	50.988		
250.00	250.00	251.00	251.00	0.65	0.66	-90.48	-0.50	-60.00	60.00	58.69	1.31	45.828		
300.00	300.00	301.00	301.00	0.73	0.73	-90.48	-0.50	-60.00	60.00	58.54	1.46	40.972		
350.00	350.00	351.00	351.00	0.82	0.82	-90.48	-0.50	-60.00	60.00	58.37	1.64	36.679		
400.00	400.00	401.00	401.00	0.91	0.91	-90.48	-0.50	-60.00	60.00	58.18	1.82	32.987		
450.00	450.00	451.00	451.00	1.00	1.01	-90.48	-0.50	-60.00	60.00	57.99	2.01	29.844		
500.00	500.00	501.00	501.00	1.10	1.11	-90.48	-0.50	-60.00	60.00	57.79	2.21	27.171		
550.00	550.00	551.00	551.00	1.20	1.21	-90.48	-0.50	-60.00	60.00	57.59	2.41	24.888		
600.00	600.00	601.00	601.00	1.31	1.31	-90.48	-0.50	-60.00	60.00	57.39	2.62	22.927		
650.00	650.00	651.00	651.00	1.41	1.41	-90.48	-0.50	-60.00	60.00	57.18	2.83	21.232		
700.00	700.00	701.00	701.00	1.52	1.52	-90.48	-0.50	-60.00	60.00	56.96	3.04	19.755		
750.00	750.00	751.00	751.00	1.62	1.63	-90.48	-0.50	-60.00	60.00	56.75	3.25	18.460		

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



SB Directional Anticollision Report

PRIDE ENERGY COMPANY

Company:	PRIDE ENERGY	Local Co-ordinate Reference:	Well GO STATE COM 102-H
Project:	LEA CO., NM (NAD83)	TVD Reference:	RKB @ 3975.00usft
Reference Site:	SEC 13-T19S-R34E	MD Reference:	RKB @ 3975.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	GO STATE COM 102-H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.50 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Prelim Plan 0	Offset TVD Reference:	Offset Datum

Offset Design: SEC 13-T19S-R34E - GO STATE COM 101-H - Wellbore #1 - Prelim Plan 0												Offset Site Error:	0.00 usft
Survey Program: 0-MWD												Offset Well Error:	0.50 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)			
800.00	800.00	801.00	801.00	1.73	1.73	-90.48	-0.50	-60.00	60.00	56.54	3.46	17.317	
850.00	850.00	851.00	851.00	1.84	1.84	-90.48	-0.50	-60.00	60.00	56.32	3.68	16.302	
900.00	900.00	901.00	901.00	1.95	1.95	-90.48	-0.50	-60.00	60.00	56.10	3.90	15.395	
950.00	950.00	951.00	951.00	2.06	2.06	-90.48	-0.50	-60.00	60.00	55.89	4.12	14.581	
1,000.00	1,000.00	1,001.00	1,001.00	2.17	2.17	-90.48	-0.50	-60.00	60.00	55.67	4.33	13.846	
1,050.00	1,050.00	1,051.00	1,051.00	2.28	2.28	-90.48	-0.50	-60.00	60.00	55.45	4.55	13.180	
1,100.00	1,100.00	1,101.00	1,101.00	2.38	2.39	-90.48	-0.50	-60.00	60.00	55.23	4.77	12.574	
1,150.00	1,150.00	1,151.00	1,151.00	2.49	2.50	-90.48	-0.50	-60.00	60.00	55.01	4.99	12.019	
1,200.00	1,200.00	1,201.00	1,201.00	2.61	2.61	-90.48	-0.50	-60.00	60.00	54.79	5.21	11.511	
1,250.00	1,250.00	1,251.00	1,251.00	2.72	2.72	-90.48	-0.50	-60.00	60.00	54.57	5.43	11.043	
1,300.00	1,300.00	1,301.00	1,301.00	2.83	2.83	-90.48	-0.50	-60.00	60.00	54.35	5.65	10.612	
1,350.00	1,350.00	1,351.00	1,351.00	2.94	2.94	-90.48	-0.50	-60.00	60.00	54.13	5.88	10.212	
1,400.00	1,400.00	1,401.00	1,401.00	3.05	3.05	-90.48	-0.50	-60.00	60.00	53.90	6.10	9.841	
1,450.00	1,450.00	1,451.00	1,451.00	3.16	3.16	-90.48	-0.50	-60.00	60.00	53.68	6.32	9.495	
1,457.99	1,457.99	1,458.99	1,458.99	3.18	3.18	-90.48	-0.50	-60.00	60.00	53.65	6.35	9.442 CC	
1,500.00	1,500.00	1,500.98	1,500.98	3.27	3.27	-90.48	-0.50	-60.00	60.00	53.46	6.54	9.173 ES	
1,550.00	1,550.00	1,550.02	1,550.02	3.38	3.38	-147.38	-0.33	-60.40	60.78	54.03	6.75	9.000	
1,600.00	1,599.98	1,599.00	1,598.98	3.49	3.48	-147.53	0.15	-61.58	63.08	56.11	6.96	9.057	
1,650.00	1,649.93	1,647.83	1,647.77	3.59	3.58	-147.76	0.96	-63.52	66.90	59.73	7.17	9.330	
1,700.00	1,699.84	1,696.46	1,696.31	3.70	3.69	-148.04	2.07	-66.22	72.23	64.86	7.37	9.796	
1,750.00	1,749.68	1,744.82	1,744.53	3.81	3.79	-148.34	3.49	-69.66	79.07	71.49	7.58	10.434	
1,800.00	1,799.45	1,792.85	1,792.34	3.92	3.90	-148.64	5.21	-73.82	87.40	79.62	7.78	11.233	
1,850.00	1,849.13	1,840.48	1,839.68	4.04	4.01	-148.91	7.22	-78.68	97.22	89.24	7.99	12.174	
1,900.00	1,898.70	1,887.65	1,886.47	4.16	4.12	-149.16	9.51	-84.20	108.51	100.32	8.19	13.252	
1,950.00	1,948.20	1,934.38	1,932.72	4.28	4.23	-149.40	12.06	-90.38	120.97	112.58	8.39	14.418	
2,000.00	1,997.70	1,980.75	1,978.50	4.40	4.35	-149.47	14.88	-97.19	134.16	125.57	8.59	15.616	
2,050.00	2,047.19	2,026.74	2,023.78	4.53	4.48	-149.40	17.95	-104.63	148.04	139.25	8.79	16.841	
2,100.00	2,096.69	2,072.34	2,068.54	4.66	4.61	-149.23	21.27	-112.66	162.61	153.63	8.99	18.092	
2,150.00	2,146.19	2,118.08	2,113.30	4.80	4.74	-148.98	24.87	-121.36	177.86	168.67	9.19	19.353	
2,200.00	2,195.68	2,165.63	2,159.78	4.93	4.89	-148.73	28.69	-130.61	193.31	183.90	9.41	20.534	
2,250.00	2,245.18	2,213.17	2,206.26	5.07	5.04	-148.51	32.52	-139.86	208.76	199.12	9.64	21.654	
2,300.00	2,294.67	2,260.72	2,252.74	5.21	5.20	-148.33	36.34	-149.10	224.22	214.35	9.87	22.717	
2,350.00	2,344.17	2,308.26	2,299.22	5.36	5.36	-148.17	40.16	-158.35	239.68	229.58	10.10	23.732	
2,400.00	2,393.67	2,355.81	2,345.71	5.50	5.53	-148.03	43.99	-167.60	255.14	244.81	10.33	24.699	
2,450.00	2,443.16	2,403.36	2,392.19	5.64	5.69	-147.91	47.81	-176.85	270.60	260.03	10.57	25.606	
2,500.00	2,492.66	2,450.90	2,438.67	5.79	5.87	-147.79	51.63	-186.10	286.06	275.26	10.80	26.476	
2,550.00	2,542.16	2,498.45	2,485.15	5.94	6.04	-147.70	55.46	-195.34	301.53	290.48	11.04	27.303	
2,600.00	2,591.65	2,546.00	2,531.63	6.09	6.22	-147.61	59.28	-204.59	316.99	305.71	11.28	28.091	
2,650.00	2,641.15	2,593.54	2,578.11	6.24	6.39	-147.52	63.10	-213.84	332.46	320.93	11.53	28.843	
2,700.00	2,690.65	2,641.09	2,624.59	6.39	6.58	-147.45	66.93	-223.09	347.92	336.15	11.77	29.560	
2,750.00	2,740.14	2,688.63	2,671.07	6.54	6.76	-147.38	70.75	-232.34	363.39	351.37	12.02	30.244	
2,800.00	2,789.64	2,736.18	2,717.56	6.69	6.94	-147.32	74.57	-241.58	378.86	366.59	12.26	30.899	
2,850.00	2,839.14	2,783.73	2,764.04	6.84	7.13	-147.26	78.40	-250.83	394.32	381.81	12.51	31.524	
2,900.00	2,888.63	2,831.27	2,810.52	7.00	7.32	-147.21	82.22	-260.08	409.79	397.03	12.76	32.123	
2,950.00	2,938.13	2,878.82	2,857.00	7.15	7.51	-147.16	86.04	-269.33	425.26	412.25	13.01	32.695	
3,000.00	2,987.62	2,926.37	2,903.48	7.31	7.70	-147.11	89.87	-278.58	440.72	427.47	13.26	33.244	
3,050.00	3,037.12	2,973.91	2,949.96	7.47	7.89	-147.07	93.69	-287.82	456.19	442.68	13.51	33.770	
3,100.00	3,086.62	3,021.46	2,996.44	7.62	8.08	-147.03	97.51	-297.07	471.66	457.90	13.76	34.275	
3,150.00	3,136.11	3,069.00	3,042.92	7.78	8.27	-146.99	101.34	-306.32	487.13	473.11	14.01	34.758	
3,200.00	3,185.61	3,116.55	3,089.41	7.94	8.47	-146.96	105.16	-315.57	502.60	488.33	14.27	35.224	
3,250.00	3,235.11	3,164.10	3,135.89	8.10	8.66	-146.93	108.98	-324.82	518.07	503.54	14.52	35.670	
3,300.00	3,284.60	3,211.64	3,182.37	8.25	8.86	-146.89	112.81	-334.06	533.53	518.75	14.78	36.101	

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



SB Directional Anticollision Report

PRIDE ENERGY COMPANY

Company:	PRIDE ENERGY	Local Co-ordinate Reference:	Well GO STATE COM 102-H
Project:	LEA CO., NM (NAD83)	TVD Reference:	RKB @ 3975.00usft
Reference Site:	SEC 13-T19S-R34E	MD Reference:	RKB @ 3975.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	GO STATE COM 102-H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.50 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Prelim Plan 0	Offset TVD Reference:	Offset Datum

Offset Design: SEC 13-T19S-R34E - GO STATE COM 101-H - Wellbore #1 - Prelim Plan 0													Offset Site Error: 0.00 usft
Survey Program: 0-MWD													Offset Well Error: 0.50 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)			
3,350.00	3,334.10	3,259.19	3,228.85	8.41	9.06	-146.86	116.63	-343.31	549.00	533.97	15.04	36.513	
3,400.00	3,383.60	3,306.74	3,275.33	8.57	9.25	-146.84	120.45	-352.56	564.47	549.18	15.29	36.912	
3,450.00	3,433.09	3,354.28	3,321.81	8.73	9.45	-146.81	124.28	-361.81	579.94	564.39	15.55	37.295	
3,500.00	3,482.59	3,401.83	3,368.29	8.89	9.65	-146.79	128.10	-371.06	595.41	579.60	15.81	37.665	
3,550.00	3,532.09	3,449.37	3,414.77	9.05	9.85	-146.76	131.93	-380.30	610.88	594.81	16.07	38.020	
3,600.00	3,581.58	3,496.92	3,461.25	9.22	10.05	-146.74	135.75	-389.55	626.35	610.02	16.33	38.365	
3,650.00	3,631.08	3,544.47	3,507.74	9.38	10.25	-146.72	139.57	-398.80	641.82	625.23	16.59	38.696	
3,700.00	3,680.57	3,592.01	3,554.22	9.54	10.45	-146.70	143.40	-408.05	657.29	640.44	16.85	39.016	
3,750.00	3,730.07	3,639.56	3,600.70	9.70	10.66	-146.68	147.22	-417.29	672.76	655.65	17.11	39.326	
3,800.00	3,779.57	3,687.11	3,647.18	9.86	10.86	-146.66	151.04	-426.54	688.23	670.86	17.37	39.625	
3,850.00	3,829.06	3,734.65	3,693.66	10.02	11.06	-146.64	154.87	-435.79	703.70	686.07	17.63	39.914	
3,900.00	3,878.56	3,782.20	3,740.14	10.19	11.27	-146.63	158.69	-445.04	719.17	701.27	17.89	40.194	
3,950.00	3,928.06	3,829.74	3,786.62	10.35	11.47	-146.61	162.51	-454.29	734.64	716.48	18.15	40.465	
4,000.00	3,977.55	3,877.29	3,833.10	10.51	11.67	-146.59	166.34	-463.53	750.11	731.69	18.42	40.728	
4,050.00	4,027.05	3,924.84	3,879.59	10.68	11.88	-146.58	170.16	-472.78	765.58	746.90	18.68	40.982	
4,100.00	4,076.55	3,972.38	3,926.07	10.84	12.08	-146.56	173.98	-482.03	781.05	762.10	18.94	41.228	
4,150.00	4,126.04	4,019.93	3,972.55	11.00	12.29	-146.55	177.81	-491.28	796.52	777.31	19.21	41.467	
4,200.00	4,175.54	4,067.48	4,019.03	11.17	12.49	-146.54	181.63	-500.53	811.99	792.51	19.47	41.699	
4,250.00	4,225.04	4,115.02	4,065.51	11.33	12.70	-146.52	185.45	-509.77	827.46	807.72	19.74	41.923	
4,300.00	4,274.53	4,162.57	4,111.99	11.50	12.90	-146.51	189.28	-519.02	842.93	822.92	20.00	42.142	
4,350.00	4,324.03	4,210.11	4,158.47	11.66	13.11	-146.50	193.10	-528.27	858.40	838.13	20.27	42.354	
4,400.00	4,373.53	4,257.66	4,204.95	11.83	13.32	-146.49	196.92	-537.52	873.87	853.33	20.53	42.560	
4,450.00	4,423.02	4,305.21	4,251.44	11.99	13.52	-146.48	200.75	-546.77	889.34	868.54	20.80	42.760	
4,500.00	4,472.52	4,352.75	4,297.92	12.16	13.73	-146.47	204.57	-556.01	904.81	883.74	21.06	42.954	
4,550.00	4,522.01	4,400.30	4,344.40	12.32	13.94	-146.46	208.39	-565.26	920.28	898.95	21.33	43.143	
4,600.00	4,571.51	4,447.85	4,390.88	12.49	14.14	-146.45	212.22	-574.51	935.75	914.15	21.60	43.327	
4,650.00	4,621.01	4,495.39	4,437.36	12.65	14.35	-146.44	216.04	-583.76	951.22	929.35	21.86	43.506	
4,700.00	4,670.50	4,542.94	4,483.84	12.82	14.56	-146.43	219.86	-593.01	966.69	944.56	22.13	43.680	
4,750.00	4,720.00	4,590.48	4,530.32	12.98	14.77	-146.42	223.69	-602.25	982.16	959.76	22.40	43.850	
4,800.00	4,769.50	4,638.03	4,576.80	13.15	14.97	-146.41	227.51	-611.50	997.63	974.96	22.67	44.015	
4,850.00	4,818.99	4,685.58	4,623.28	13.31	15.18	-146.40	231.33	-620.75	1,013.10	990.17	22.93	44.176	
4,900.00	4,868.49	4,733.12	4,669.77	13.48	15.39	-146.39	235.16	-630.00	1,028.57	1,005.37	23.20	44.333	
4,950.00	4,917.99	4,780.67	4,716.25	13.64	15.60	-146.39	238.98	-639.25	1,044.04	1,020.57	23.47	44.486	
5,000.00	4,967.48	4,828.22	4,762.73	13.81	15.81	-146.38	242.80	-648.49	1,059.51	1,035.77	23.74	44.635	
5,050.00	5,016.98	4,875.76	4,809.21	13.98	16.02	-146.37	246.63	-657.74	1,074.98	1,050.98	24.01	44.780	
5,100.00	5,066.48	4,923.31	4,855.69	14.14	16.22	-146.36	250.45	-666.99	1,090.45	1,066.18	24.27	44.922	
5,150.00	5,115.97	4,970.85	4,902.17	14.31	16.43	-146.36	254.28	-676.24	1,105.92	1,081.38	24.54	45.061	
5,200.00	5,165.47	5,018.40	4,948.65	14.48	16.64	-146.35	258.10	-685.49	1,121.39	1,096.58	24.81	45.196	
5,250.00	5,214.96	5,065.95	4,995.13	14.64	16.85	-146.34	261.92	-694.73	1,136.86	1,111.78	25.08	45.328	
5,300.00	5,264.46	5,113.49	5,041.62	14.81	17.06	-146.34	265.75	-703.98	1,152.34	1,126.99	25.35	45.457	
5,350.00	5,313.96	5,161.04	5,088.10	14.97	17.27	-146.33	269.57	-713.23	1,167.81	1,142.19	25.62	45.582	
5,400.00	5,363.45	5,208.59	5,134.58	15.14	17.48	-146.32	273.39	-722.48	1,183.28	1,157.39	25.89	45.705	
5,450.00	5,412.95	5,256.13	5,181.06	15.31	17.69	-146.32	277.22	-731.72	1,198.75	1,172.59	26.16	45.825	
5,500.00	5,462.45	5,303.68	5,227.54	15.48	17.90	-146.31	281.04	-740.97	1,214.22	1,187.79	26.43	45.943	
5,550.00	5,511.94	5,351.22	5,274.02	15.64	18.11	-146.31	284.86	-750.22	1,229.69	1,202.99	26.70	46.058	
5,600.00	5,561.44	5,398.77	5,320.50	15.81	18.32	-146.30	288.69	-759.47	1,245.16	1,218.19	26.97	46.170	
5,650.00	5,610.94	5,446.33	5,367.00	15.97	18.53	-146.35	292.51	-768.72	1,260.59	1,233.36	27.23	46.287	
5,700.00	5,660.54	5,505.92	5,425.28	16.11	18.77	-146.49	297.25	-780.18	1,275.41	1,247.85	27.55	46.291	
5,750.00	5,710.23	5,588.14	5,506.06	16.23	19.04	-146.60	303.11	-794.35	1,288.52	1,260.58	27.94	46.122	
5,800.00	5,760.02	5,671.79	5,588.65	16.34	19.28	-146.69	308.16	-806.57	1,299.63	1,271.33	28.30	45.922	
5,850.00	5,809.88	5,756.64	5,672.79	16.44	19.50	-146.76	312.34	-816.67	1,308.70	1,280.06	28.63	45.705	
5,900.00	5,859.79	5,842.47	5,758.19	16.54	19.69	-146.81	315.59	-824.55	1,315.69	1,286.75	28.94	45.461	

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



SB Directional Anticollision Report

PRIDE ENERGY COMPANY

Company:	PRIDE ENERGY	Local Co-ordinate Reference:	Well GO STATE COM 102-H
Project:	LEA CO., NM (NAD83)	TVD Reference:	RKB @ 3975.00usft
Reference Site:	SEC 13-T19S-R34E	MD Reference:	RKB @ 3975.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	GO STATE COM 102-H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.50 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Prelim Plan 0	Offset TVD Reference:	Offset Datum

Offset Design: SEC 13-T19S-R34E - GO STATE COM 101-H - Wellbore #1 - Prelim Plan 0													Offset Site Error: 0.00 usft
Survey Program: 0-MWD													Offset Well Error: 0.50 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)			
5,950.00	5,909.75	5,929.03	5,844.54	16.63	19.86	-146.85	317.89	-830.10	1,320.57	1,291.36	29.21	45.204	
6,000.00	5,959.74	6,016.06	5,931.50	16.71	20.00	-146.87	319.19	-833.24	1,323.33	1,293.87	29.46	44.922	
6,050.00	6,009.74	6,095.30	6,010.74	16.78	20.11	-90.02	319.50	-834.00	1,324.00	1,294.34	29.66	44.633	
6,100.00	6,059.74	6,145.30	6,060.74	16.86	20.18	-90.02	319.50	-834.00	1,324.00	1,294.16	29.84	44.364	
6,150.00	6,109.74	6,195.30	6,110.74	16.95	20.25	-90.02	319.50	-834.00	1,324.00	1,293.97	30.03	44.086	
6,200.00	6,159.74	6,245.30	6,160.74	17.03	20.32	-90.02	319.50	-834.00	1,324.00	1,293.78	30.22	43.811	
6,250.00	6,209.74	6,295.30	6,210.74	17.12	20.39	-90.02	319.50	-834.00	1,324.00	1,293.59	30.41	43.539	
6,300.00	6,259.74	6,345.30	6,260.74	17.21	20.47	-90.02	319.50	-834.00	1,324.00	1,293.40	30.60	43.269	
6,350.00	6,309.74	6,395.30	6,310.74	17.29	20.54	-90.02	319.50	-834.00	1,324.00	1,293.21	30.79	43.002	
6,400.00	6,359.74	6,445.30	6,360.74	17.38	20.61	-90.02	319.50	-834.00	1,324.00	1,293.02	30.98	42.737	
6,450.00	6,409.74	6,495.30	6,410.74	17.47	20.69	-90.02	319.50	-834.00	1,324.00	1,292.83	31.17	42.475	
6,500.00	6,459.74	6,545.30	6,460.74	17.56	20.76	-90.02	319.50	-834.00	1,324.00	1,292.64	31.36	42.216	
6,550.00	6,509.74	6,595.30	6,510.74	17.64	20.84	-90.02	319.50	-834.00	1,324.00	1,292.45	31.55	41.959	
6,600.00	6,559.74	6,645.30	6,560.74	17.73	20.91	-90.02	319.50	-834.00	1,324.00	1,292.25	31.75	41.705	
6,650.00	6,609.74	6,695.30	6,610.74	17.82	20.98	-90.02	319.50	-834.00	1,324.00	1,292.06	31.94	41.454	
6,700.00	6,659.74	6,745.30	6,660.74	17.91	21.06	-90.02	319.50	-834.00	1,324.00	1,291.87	32.13	41.204	
6,750.00	6,709.74	6,795.30	6,710.74	18.00	21.14	-90.02	319.50	-834.00	1,324.00	1,291.67	32.33	40.958	
6,800.00	6,759.74	6,845.30	6,760.74	18.09	21.21	-90.02	319.50	-834.00	1,324.00	1,291.48	32.52	40.714	
6,850.00	6,809.74	6,895.30	6,810.74	18.18	21.29	-90.02	319.50	-834.00	1,324.00	1,291.29	32.71	40.472	
6,900.00	6,859.74	6,945.30	6,860.74	18.27	21.37	-90.02	319.50	-834.00	1,324.00	1,291.09	32.91	40.232	
6,950.00	6,909.74	6,995.30	6,910.74	18.36	21.44	-90.02	319.50	-834.00	1,324.00	1,290.90	33.10	39.995	
7,000.00	6,959.74	7,045.30	6,960.74	18.45	21.52	-90.02	319.50	-834.00	1,324.00	1,290.70	33.30	39.760	
7,050.00	7,009.74	7,095.30	7,010.74	18.54	21.60	-90.02	319.50	-834.00	1,324.00	1,290.50	33.50	39.528	
7,100.00	7,059.74	7,145.30	7,060.74	18.63	21.67	-90.02	319.50	-834.00	1,324.00	1,290.31	33.69	39.298	
7,150.00	7,109.74	7,195.30	7,110.74	18.72	21.75	-90.02	319.50	-834.00	1,324.00	1,290.11	33.89	39.070	
7,200.00	7,159.74	7,245.30	7,160.74	18.81	21.83	-90.02	319.50	-834.00	1,324.00	1,289.92	34.09	38.844	
7,250.00	7,209.74	7,295.30	7,210.74	18.90	21.91	-90.02	319.50	-834.00	1,324.00	1,289.72	34.28	38.621	
7,300.00	7,259.74	7,345.30	7,260.74	19.00	21.99	-90.02	319.50	-834.00	1,324.00	1,289.52	34.48	38.399	
7,350.00	7,309.74	7,395.30	7,310.74	19.09	22.07	-90.02	319.50	-834.00	1,324.00	1,289.32	34.68	38.180	
7,400.00	7,359.74	7,445.30	7,360.74	19.18	22.15	-90.02	319.50	-834.00	1,324.00	1,289.12	34.88	37.963	
7,450.00	7,409.74	7,495.30	7,410.74	19.27	22.23	-90.02	319.50	-834.00	1,324.00	1,288.93	35.07	37.748	
7,500.00	7,459.74	7,545.30	7,460.74	19.36	22.31	-90.02	319.50	-834.00	1,324.00	1,288.73	35.27	37.535	
7,550.00	7,509.74	7,595.30	7,510.74	19.46	22.39	-90.02	319.50	-834.00	1,324.00	1,288.53	35.47	37.325	
7,600.00	7,559.74	7,645.30	7,560.74	19.55	22.47	-90.02	319.50	-834.00	1,324.00	1,288.33	35.67	37.116	
7,650.00	7,609.74	7,695.30	7,610.74	19.64	22.55	-90.02	319.50	-834.00	1,324.00	1,288.13	35.87	36.909	
7,700.00	7,659.74	7,745.30	7,660.74	19.74	22.63	-90.02	319.50	-834.00	1,324.00	1,287.93	36.07	36.704	
7,750.00	7,709.74	7,795.30	7,710.74	19.83	22.71	-90.02	319.50	-834.00	1,324.00	1,287.73	36.27	36.502	
7,800.00	7,759.74	7,845.30	7,760.74	19.92	22.80	-90.02	319.50	-834.00	1,324.00	1,287.53	36.47	36.301	
7,850.00	7,809.74	7,895.30	7,810.74	20.02	22.88	-90.02	319.50	-834.00	1,324.00	1,287.33	36.67	36.102	
7,900.00	7,859.74	7,945.30	7,860.74	20.11	22.96	-90.02	319.50	-834.00	1,324.00	1,287.13	36.88	35.905	
7,950.00	7,909.74	7,995.30	7,910.74	20.21	23.04	-90.02	319.50	-834.00	1,324.00	1,286.92	37.08	35.710	
8,000.00	7,959.74	8,045.30	7,960.74	20.30	23.13	-90.02	319.50	-834.00	1,324.00	1,286.72	37.28	35.517	
8,050.00	8,009.74	8,095.30	8,010.74	20.40	23.21	-90.02	319.50	-834.00	1,324.00	1,286.52	37.48	35.325	
8,100.00	8,059.74	8,145.30	8,060.74	20.49	23.29	-90.02	319.50	-834.00	1,324.00	1,286.32	37.68	35.136	
8,150.00	8,109.74	8,195.30	8,110.74	20.59	23.38	-90.02	319.50	-834.00	1,324.00	1,286.12	37.88	34.948	
8,200.00	8,159.74	8,245.30	8,160.74	20.68	23.46	-90.02	319.50	-834.00	1,324.00	1,285.91	38.09	34.762	
8,250.00	8,209.74	8,295.30	8,210.74	20.78	23.54	-90.02	319.50	-834.00	1,324.00	1,285.71	38.29	34.578	
8,300.00	8,259.74	8,345.30	8,260.74	20.87	23.63	-90.02	319.50	-834.00	1,324.00	1,285.51	38.49	34.395	
8,350.00	8,309.74	8,395.30	8,310.74	20.97	23.71	-90.02	319.50	-834.00	1,324.00	1,285.30	38.70	34.214	
8,400.00	8,359.74	8,445.30	8,360.74	21.06	23.80	-90.02	319.50	-834.00	1,324.00	1,285.10	38.90	34.035	
8,450.00	8,409.74	8,495.30	8,410.74	21.16	23.88	-90.02	319.50	-834.00	1,324.00	1,284.90	39.11	33.857	
8,500.00	8,459.74	8,545.30	8,460.74	21.26	23.97	-90.02	319.50	-834.00	1,324.00	1,284.69	39.31	33.682	

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



SB Directional Anticollision Report

PRIDE ENERGY COMPANY

Company:	PRIDE ENERGY	Local Co-ordinate Reference:	Well GO STATE COM 102-H
Project:	LEA CO., NM (NAD83)	TVD Reference:	RKB @ 3975.00usft
Reference Site:	SEC 13-T19S-R34E	MD Reference:	RKB @ 3975.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	GO STATE COM 102-H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.50 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Prelim Plan 0	Offset TVD Reference:	Offset Datum

Offset Design: SEC 13-T19S-R34E - GO STATE COM 101-H - Wellbore #1 - Prelim Plan 0													Offset Site Error: 0.00 usft
Survey Program: 0-MWD													Offset Well Error: 0.50 usft
Rule Assigned:													
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)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
8,550.00	8,509.74	8,595.30	8,510.74	21.35	24.05	-90.02	319.50	-834.00	1,324.00	1,284.49	39.51	33.507	
8,600.00	8,559.74	8,645.30	8,560.74	21.45	24.14	-90.02	319.50	-834.00	1,324.00	1,284.28	39.72	33.335	
8,650.00	8,609.74	8,695.30	8,610.74	21.55	24.22	-90.02	319.50	-834.00	1,324.00	1,284.08	39.92	33.164	
8,700.00	8,659.74	8,745.30	8,660.74	21.64	24.31	-90.02	319.50	-834.00	1,324.00	1,283.87	40.13	32.994	
8,750.00	8,709.74	8,795.30	8,710.74	21.74	24.40	-90.02	319.50	-834.00	1,324.00	1,283.67	40.33	32.826	
8,800.00	8,759.74	8,845.30	8,760.74	21.84	24.48	-90.02	319.50	-834.00	1,324.00	1,283.46	40.54	32.660	
8,850.00	8,809.74	8,895.30	8,810.74	21.94	24.57	-90.02	319.50	-834.00	1,324.00	1,283.26	40.74	32.495	
8,900.00	8,859.74	8,945.30	8,860.74	22.03	24.66	-90.02	319.50	-834.00	1,324.00	1,283.05	40.95	32.332	
8,950.00	8,909.74	8,995.30	8,910.74	22.13	24.74	-90.02	319.50	-834.00	1,324.00	1,282.84	41.16	32.170	
9,000.00	8,959.74	9,045.30	8,960.74	22.23	24.83	-90.02	319.50	-834.00	1,324.00	1,282.64	41.36	32.010	
9,050.00	9,009.74	9,095.30	9,010.74	22.33	24.92	-90.02	319.50	-834.00	1,324.00	1,282.43	41.57	31.851	
9,100.00	9,059.74	9,145.30	9,060.74	22.42	25.01	-90.02	319.50	-834.00	1,324.00	1,282.22	41.78	31.693	
9,150.00	9,109.74	9,195.30	9,110.74	22.52	25.10	-90.02	319.50	-834.00	1,324.00	1,282.02	41.98	31.537	
9,200.00	9,159.74	9,245.30	9,160.74	22.62	25.18	-90.02	319.50	-834.00	1,324.00	1,281.81	42.19	31.382	
9,250.00	9,209.74	9,295.30	9,210.74	22.72	25.27	-90.02	319.50	-834.00	1,324.00	1,281.60	42.40	31.229	
9,300.00	9,259.73	9,345.86	9,261.28	22.81	25.35	-90.39	318.78	-833.99	1,324.00	1,281.41	42.59	31.089	
9,350.00	9,309.49	9,396.89	9,311.99	22.87	25.40	90.36	313.25	-833.95	1,323.99	1,281.28	42.71	30.997	
9,400.00	9,358.49	9,447.83	9,361.73	22.92	25.44	90.32	302.38	-833.86	1,323.97	1,281.18	42.79	30.939	
9,450.00	9,406.18	9,498.67	9,409.94	22.94	25.46	90.28	286.30	-833.73	1,323.96	1,281.13	42.83	30.911	
9,500.00	9,452.06	9,549.41	9,456.07	22.96	25.46	90.24	265.24	-833.56	1,323.94	1,281.10	42.83	30.908	
9,550.00	9,495.62	9,600.02	9,499.61	22.95	25.46	90.19	239.47	-833.35	1,323.91	1,281.10	42.81	30.923	
9,600.00	9,536.37	9,650.52	9,540.08	22.94	25.44	90.15	209.32	-833.10	1,323.88	1,281.11	42.78	30.948	
9,650.00	9,573.88	9,700.89	9,577.06	22.92	25.41	90.10	175.15	-832.82	1,323.85	1,281.11	42.74	30.975	
9,700.00	9,607.73	9,751.14	9,610.16	22.89	25.38	90.05	137.39	-832.51	1,323.82	1,281.11	42.71	30.995	
9,750.00	9,637.55	9,801.25	9,639.04	22.87	25.35	90.00	96.46	-832.17	1,323.79	1,281.08	42.70	30.999	
9,800.00	9,663.01	9,851.23	9,663.41	22.85	25.32	89.95	52.85	-831.82	1,323.75	1,281.02	42.73	30.977	
9,850.00	9,683.84	9,901.07	9,683.04	22.84	25.30	89.90	7.06	-831.44	1,323.72	1,280.91	42.80	30.925	
9,900.00	9,699.81	9,950.80	9,697.77	22.84	25.29	89.85	-40.41	-831.05	1,323.68	1,280.75	42.93	30.835	
9,950.00	9,710.73	10,000.40	9,707.46	22.87	25.30	89.81	-89.02	-830.66	1,323.64	1,280.54	43.11	30.706	
10,000.00	9,716.51	10,050.00	9,712.06	22.92	25.33	89.76	-138.39	-830.25	1,323.61	1,280.26	43.35	30.536	
10,050.00	9,718.11	10,099.78	9,713.37	23.01	25.39	89.75	-188.15	-829.85	1,323.57	1,279.91	43.66	30.316	
10,100.00	9,719.35	10,149.78	9,714.62	23.15	25.47	89.75	-238.14	-829.44	1,323.53	1,279.49	44.04	30.052	
10,150.00	9,720.60	10,199.78	9,715.86	23.32	25.60	89.75	-288.12	-829.03	1,323.49	1,279.00	44.49	29.749	
10,200.00	9,721.85	10,249.78	9,717.11	23.54	25.75	89.75	-338.10	-828.62	1,323.44	1,278.44	45.01	29.406	
10,250.00	9,723.10	10,299.78	9,718.36	23.80	25.94	89.75	-388.09	-828.21	1,323.40	1,277.81	45.59	29.027	
10,300.00	9,724.35	10,349.78	9,719.61	24.09	26.17	89.75	-438.07	-827.80	1,323.36	1,277.12	46.24	28.618	
10,350.00	9,725.59	10,399.78	9,720.85	24.43	26.43	89.75	-488.05	-827.39	1,323.32	1,276.37	46.96	28.183	
10,400.00	9,726.84	10,449.78	9,722.10	24.79	26.73	89.75	-538.03	-826.98	1,323.28	1,275.55	47.73	27.726	
10,450.00	9,728.09	10,499.78	9,723.35	25.19	27.06	89.75	-588.02	-826.57	1,323.24	1,274.68	48.56	27.251	
10,500.00	9,729.34	10,549.78	9,724.60	25.61	27.43	89.75	-638.00	-826.16	1,323.20	1,273.76	49.44	26.763	
10,550.00	9,730.58	10,599.78	9,725.85	26.06	27.82	89.75	-687.98	-825.75	1,323.16	1,272.78	50.38	26.265	
10,600.00	9,731.83	10,649.78	9,727.09	26.53	28.25	89.75	-737.97	-825.35	1,323.12	1,271.76	51.36	25.762	
10,650.00	9,733.08	10,699.78	9,728.34	27.03	28.70	89.75	-787.95	-824.94	1,323.08	1,270.69	52.39	25.255	
10,700.00	9,734.33	10,749.78	9,729.59	27.54	29.18	89.75	-837.93	-824.53	1,323.04	1,269.58	53.46	24.747	
10,750.00	9,735.58	10,799.78	9,730.84	28.09	29.68	89.75	-887.91	-824.12	1,323.00	1,268.42	54.57	24.242	
10,800.00	9,736.82	10,849.78	9,732.08	28.64	30.20	89.75	-937.90	-823.71	1,322.96	1,267.23	55.73	23.741	
10,850.00	9,738.07	10,899.78	9,733.33	29.23	30.74	89.75	-987.88	-823.30	1,322.91	1,266.00	56.91	23.245	
10,900.00	9,739.32	10,949.78	9,734.58	29.82	31.31	89.75	-1,037.86	-822.89	1,322.87	1,264.74	58.13	22.756	
10,950.00	9,740.57	10,999.78	9,735.83	30.43	31.88	89.75	-1,087.84	-822.48	1,322.83	1,263.45	59.38	22.276	
11,000.00	9,741.81	11,049.78	9,737.08	31.05	32.48	89.75	-1,137.83	-822.07	1,322.79	1,262.13	60.67	21.805	
11,050.00	9,743.06	11,099.78	9,738.32	31.70	33.09	89.75	-1,187.81	-821.66	1,322.75	1,260.78	61.97	21.344	
11,100.00	9,744.31	11,149.78	9,739.57	32.34	33.72	89.75	-1,237.79	-821.25	1,322.71	1,259.40	63.31	20.893	

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



SB Directional Anticollision Report

PRIDE ENERGY COMPANY

Company:	PRIDE ENERGY	Local Co-ordinate Reference:	Well GO STATE COM 102-H
Project:	LEA CO., NM (NAD83)	TVD Reference:	RKB @ 3975.00usft
Reference Site:	SEC 13-T19S-R34E	MD Reference:	RKB @ 3975.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	GO STATE COM 102-H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.50 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Prelim Plan 0	Offset TVD Reference:	Offset Datum

Offset Design: SEC 13-T19S-R34E - GO STATE COM 101-H - Wellbore #1 - Prelim Plan 0												Offset Site Error:	0.00 usft
Survey Program:		0-MWD								Rule Assigned:		Offset Well Error:	0.50 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
11,150.00	9,745.56	11,199.78	9,740.82	33.01	34.36	89.75	-1,287.78	-820.85	1,322.67	1,258.00	64.67	20.453	
11,200.00	9,746.81	11,249.78	9,742.07	33.69	35.01	89.75	-1,337.76	-820.44	1,322.63	1,256.58	66.05	20.024	
11,250.00	9,748.05	11,299.78	9,743.31	34.38	35.67	89.75	-1,387.74	-820.03	1,322.59	1,255.13	67.45	19.607	
11,300.00	9,749.30	11,349.78	9,744.56	35.07	36.35	89.75	-1,437.72	-819.62	1,322.55	1,253.67	68.88	19.201	
11,350.00	9,750.55	11,399.78	9,745.81	35.78	37.03	89.75	-1,487.71	-819.21	1,322.51	1,252.19	70.32	18.806	
11,400.00	9,751.80	11,449.78	9,747.06	36.50	37.73	89.75	-1,537.69	-818.80	1,322.47	1,250.68	71.78	18.423	
11,450.00	9,753.04	11,499.78	9,748.31	37.23	38.43	89.75	-1,587.67	-818.39	1,322.43	1,249.17	73.26	18.051	
11,500.00	9,754.29	11,549.78	9,749.55	37.96	39.15	89.75	-1,637.65	-817.98	1,322.38	1,247.63	74.75	17.690	
11,550.00	9,755.54	11,599.78	9,750.80	38.70	39.87	89.75	-1,687.64	-817.57	1,322.34	1,246.08	76.26	17.340	
11,600.00	9,756.79	11,649.78	9,752.05	39.45	40.60	89.75	-1,737.62	-817.16	1,322.30	1,244.52	77.78	17.000	
11,650.00	9,758.04	11,699.78	9,753.30	40.21	41.34	89.75	-1,787.60	-816.75	1,322.26	1,242.94	79.32	16.670	
11,700.00	9,759.28	11,749.78	9,754.54	40.97	42.09	89.75	-1,837.59	-816.35	1,322.22	1,241.36	80.87	16.351	
11,750.00	9,760.53	11,799.78	9,755.79	41.74	42.84	89.75	-1,887.57	-815.94	1,322.18	1,239.76	82.43	16.041	
11,800.00	9,761.78	11,849.78	9,757.04	42.51	43.60	89.75	-1,937.55	-815.53	1,322.14	1,238.14	84.00	15.741	
11,850.00	9,763.03	11,899.78	9,758.29	43.30	44.36	89.75	-1,987.53	-815.12	1,322.10	1,236.52	85.58	15.449	
11,900.00	9,764.27	11,949.78	9,759.54	44.08	45.13	89.75	-2,037.52	-814.71	1,322.06	1,234.89	87.17	15.167	
11,950.00	9,765.52	11,999.78	9,760.78	44.87	45.90	89.75	-2,087.50	-814.30	1,322.02	1,233.25	88.77	14.893	
12,000.00	9,766.77	12,049.78	9,762.03	45.66	46.69	89.75	-2,137.48	-813.89	1,321.98	1,231.60	90.38	14.628	
12,050.00	9,768.02	12,099.78	9,763.28	46.47	47.47	89.75	-2,187.46	-813.48	1,321.94	1,229.94	91.99	14.370	
12,100.00	9,769.27	12,149.78	9,764.53	47.27	48.26	89.75	-2,237.45	-813.07	1,321.90	1,228.28	93.62	14.120	
12,150.00	9,770.51	12,199.78	9,765.77	48.08	49.05	89.75	-2,287.43	-812.66	1,321.85	1,226.60	95.25	13.878	
12,200.00	9,771.76	12,249.78	9,767.02	48.89	49.85	89.75	-2,337.41	-812.25	1,321.81	1,224.92	96.89	13.642	
12,250.00	9,773.01	12,299.78	9,768.27	49.70	50.66	89.75	-2,387.40	-811.85	1,321.77	1,223.24	98.54	13.414	
12,300.00	9,774.26	12,349.78	9,769.52	50.52	51.46	89.75	-2,437.38	-811.44	1,321.73	1,221.54	100.19	13.192	
12,350.00	9,775.50	12,399.78	9,770.77	51.34	52.27	89.75	-2,487.36	-811.03	1,321.69	1,219.84	101.85	12.977	
12,400.00	9,776.75	12,449.78	9,772.01	52.17	53.09	89.75	-2,537.34	-810.62	1,321.65	1,218.14	103.52	12.768	
12,450.00	9,778.00	12,499.78	9,773.26	53.00	53.90	89.75	-2,587.33	-810.21	1,321.61	1,216.42	105.19	12.565	
12,500.00	9,779.25	12,549.78	9,774.51	53.83	54.72	89.75	-2,637.31	-809.80	1,321.57	1,214.71	106.86	12.367	
12,550.00	9,780.50	12,599.78	9,775.76	54.66	55.54	89.75	-2,687.29	-809.39	1,321.53	1,212.99	108.54	12.175	
12,600.00	9,781.74	12,649.78	9,777.00	55.50	56.37	89.75	-2,737.27	-808.98	1,321.49	1,211.26	110.23	11.989	
12,650.00	9,782.99	12,699.78	9,778.25	56.34	57.20	89.75	-2,787.26	-808.57	1,321.45	1,209.53	111.92	11.807	
12,700.00	9,784.24	12,749.78	9,779.50	57.18	58.03	89.75	-2,837.24	-808.16	1,321.41	1,207.79	113.61	11.631	
12,750.00	9,785.49	12,799.78	9,780.75	58.02	58.86	89.75	-2,887.22	-807.76	1,321.37	1,206.05	115.31	11.459	
12,800.00	9,786.73	12,849.78	9,782.00	58.87	59.70	89.75	-2,937.21	-807.35	1,321.32	1,204.31	117.02	11.292	
12,850.00	9,787.98	12,899.78	9,783.24	59.71	60.54	89.75	-2,987.19	-806.94	1,321.28	1,202.56	118.72	11.129	
12,900.00	9,789.23	12,949.78	9,784.49	60.56	61.38	89.75	-3,037.17	-806.53	1,321.24	1,200.81	120.44	10.971	
12,950.00	9,790.48	12,999.78	9,785.74	61.42	62.22	89.75	-3,087.15	-806.12	1,321.20	1,199.05	122.15	10.816	
13,000.00	9,791.73	13,049.78	9,786.99	62.27	63.07	89.75	-3,137.14	-805.71	1,321.16	1,197.29	123.87	10.666	
13,050.00	9,792.97	13,099.78	9,788.23	63.12	63.91	89.75	-3,187.12	-805.30	1,321.12	1,195.53	125.59	10.519	
13,100.00	9,794.22	13,149.78	9,789.48	63.98	64.76	89.75	-3,237.10	-804.89	1,321.08	1,193.77	127.31	10.377	
13,150.00	9,795.47	13,199.78	9,790.73	64.84	65.61	89.75	-3,287.08	-804.48	1,321.04	1,192.00	129.04	10.237	
13,200.00	9,796.72	13,249.78	9,791.98	65.70	66.46	89.75	-3,337.07	-804.07	1,321.00	1,190.23	130.77	10.102	
13,250.00	9,797.96	13,299.78	9,793.23	66.56	67.32	89.75	-3,387.05	-803.66	1,320.96	1,188.46	132.50	9.969	
13,300.00	9,799.21	13,349.78	9,794.47	67.42	68.17	89.75	-3,437.03	-803.26	1,320.92	1,186.68	134.24	9.840	
13,350.00	9,800.46	13,399.78	9,795.72	68.29	69.03	89.75	-3,487.02	-802.85	1,320.88	1,184.90	135.98	9.714	
13,400.00	9,801.71	13,449.78	9,796.97	69.15	69.89	89.75	-3,537.00	-802.44	1,320.84	1,183.12	137.72	9.591	
13,450.00	9,802.96	13,499.78	9,798.22	70.02	70.75	89.75	-3,586.98	-802.03	1,320.80	1,181.34	139.46	9.471	
13,500.00	9,804.20	13,549.78	9,799.46	70.89	71.61	89.75	-3,636.96	-801.62	1,320.75	1,179.55	141.20	9.354	
13,550.00	9,805.45	13,599.78	9,800.71	71.76	72.47	89.75	-3,686.95	-801.21	1,320.71	1,177.76	142.95	9.239	
13,600.00	9,806.70	13,649.78	9,801.96	72.63	73.34	89.75	-3,736.93	-800.80	1,320.67	1,175.97	144.70	9.127	
13,650.00	9,807.95	13,699.78	9,803.21	73.50	74.20	89.75	-3,786.91	-800.39	1,320.63	1,174.18	146.45	9.018	
13,700.00	9,809.19	13,749.78	9,804.46	74.37	75.07	89.75	-3,836.89	-799.98	1,320.59	1,172.39	148.21	8.911	

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



SB Directional Anticollision Report

PRIDE ENERGY COMPANY

Company:	PRIDE ENERGY	Local Co-ordinate Reference:	Well GO STATE COM 102-H
Project:	LEA CO., NM (NAD83)	TVD Reference:	RKB @ 3975.00usft
Reference Site:	SEC 13-T19S-R34E	MD Reference:	RKB @ 3975.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	GO STATE COM 102-H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.50 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Prelim Plan 0	Offset TVD Reference:	Offset Datum

Offset Design: SEC 13-T19S-R34E - GO STATE COM 101-H - Wellbore #1 - Prelim Plan 0													Offset Site Error: 0.00 usft
Survey Program: 0-MWD													Offset Well Error: 0.50 usft
Reference	Offset	Rule Assigned:											Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Semi Major Axis Reference (usft)	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	
13,750.00	9,810.44	13,799.78	9,805.70	75.25	75.94	89.75	-3,886.88	-799.57	1,320.55	1,170.59	149.96	8.806	
13,800.00	9,811.69	13,849.78	9,806.95	76.12	76.81	89.75	-3,936.86	-799.16	1,320.51	1,168.79	151.72	8.704	
13,850.00	9,812.94	13,899.78	9,808.20	77.00	77.68	89.75	-3,986.84	-798.76	1,320.47	1,166.99	153.48	8.604	
13,900.00	9,814.19	13,949.78	9,809.45	77.87	78.55	89.75	-4,036.83	-798.35	1,320.43	1,165.19	155.24	8.506	
13,950.00	9,815.43	13,999.78	9,810.69	78.75	79.42	89.75	-4,086.81	-797.94	1,320.39	1,163.39	157.00	8.410	
14,000.00	9,816.68	14,049.78	9,811.94	79.63	80.29	89.75	-4,136.79	-797.53	1,320.35	1,161.58	158.76	8.316	
14,050.00	9,817.93	14,099.78	9,813.19	80.51	81.17	89.75	-4,186.77	-797.12	1,320.31	1,159.78	160.53	8.225	
14,100.00	9,819.18	14,149.78	9,814.44	81.39	82.04	89.75	-4,236.76	-796.71	1,320.27	1,157.97	162.30	8.135	
14,150.00	9,820.42	14,199.78	9,815.69	82.27	82.92	89.75	-4,286.74	-796.30	1,320.22	1,156.16	164.06	8.047	
14,200.00	9,821.67	14,249.78	9,816.93	83.15	83.79	89.75	-4,336.72	-795.89	1,320.18	1,154.35	165.83	7.961	
14,250.00	9,822.92	14,299.78	9,818.18	84.03	84.67	89.75	-4,386.70	-795.48	1,320.14	1,152.54	167.61	7.876	
14,300.00	9,824.17	14,349.78	9,819.43	84.92	85.55	89.75	-4,436.69	-795.07	1,320.10	1,150.72	169.38	7.794	
14,350.00	9,825.42	14,399.78	9,820.68	85.80	86.43	89.75	-4,486.67	-794.66	1,320.06	1,148.91	171.15	7.713	
14,400.00	9,826.66	14,449.78	9,821.92	86.68	87.31	89.75	-4,536.65	-794.26	1,320.02	1,147.09	172.93	7.633	
14,450.00	9,827.91	14,499.78	9,823.17	87.57	88.19	89.75	-4,586.64	-793.85	1,319.98	1,145.28	174.70	7.556	
14,500.00	9,829.16	14,549.78	9,824.42	88.46	89.07	89.75	-4,636.62	-793.44	1,319.94	1,143.46	176.48	7.479	
14,550.00	9,830.41	14,599.78	9,825.67	89.34	89.95	89.75	-4,686.60	-793.03	1,319.90	1,141.64	178.26	7.404	
14,600.00	9,831.65	14,649.78	9,826.92	90.23	90.83	89.75	-4,736.58	-792.62	1,319.86	1,139.82	180.04	7.331	
14,650.00	9,832.90	14,699.78	9,828.16	91.12	91.72	89.75	-4,786.57	-792.21	1,319.82	1,138.00	181.82	7.259	
14,700.00	9,834.15	14,749.78	9,829.41	92.00	92.60	89.75	-4,836.55	-791.80	1,319.78	1,136.18	183.60	7.188	
14,747.71	9,835.34	14,797.49	9,830.60	92.85	93.44	89.75	-4,884.24	-791.41	1,319.74	1,134.44	185.30	7.122 SF	



SB Directional Anticollision Report

PRIDE ENERGY COMPANY

Company:	PRIDE ENERGY	Local Co-ordinate Reference:	Well GO STATE COM 102-H
Project:	LEA CO., NM (NAD83)	TVD Reference:	RKB @ 3975.00usft
Reference Site:	SEC 13-T19S-R34E	MD Reference:	RKB @ 3975.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	GO STATE COM 102-H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.50 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Prelim Plan 0	Offset TVD Reference:	Offset Datum

Offset Design: SEC 13-T19S-R34E - GO STATE COM 203-H - Wellbore #1 - Prelim Plan 0												Offset Site Error:	0.00 usft
Survey Program: 0-MWD												Offset Well Error:	0.50 usft
Reference	Offset	Semi Major Axis	Highside	Offset Wellbore Centre	Distance	Rule Assigned:							
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	Warning
0.00	0.00	0.00	0.00	0.50	0.50	-90.43	-0.30	-40.10	40.10				
50.00	50.00	50.00	50.00	0.50	0.50	-90.43	-0.30	-40.10	40.10	39.10	1.00	39.999	
100.00	100.00	100.00	100.00	0.51	0.51	-90.43	-0.30	-40.10	40.10	39.09	1.01	39.543	
150.00	150.00	150.00	150.00	0.54	0.54	-90.43	-0.30	-40.10	40.10	39.03	1.07	37.318	
200.00	200.00	200.00	200.00	0.59	0.59	-90.43	-0.30	-40.10	40.10	38.93	1.18	34.111	
250.00	250.00	250.00	250.00	0.65	0.65	-90.43	-0.30	-40.10	40.10	38.79	1.31	30.662	
300.00	300.00	300.00	300.00	0.73	0.73	-90.43	-0.30	-40.10	40.10	38.64	1.46	27.414	
350.00	350.00	350.00	350.00	0.82	0.82	-90.43	-0.30	-40.10	40.10	38.47	1.63	24.540	
400.00	400.00	400.00	400.00	0.91	0.91	-90.43	-0.30	-40.10	40.10	38.28	1.82	22.069	
450.00	450.00	450.00	450.00	1.00	1.00	-90.43	-0.30	-40.10	40.10	38.09	2.01	19.965	
500.00	500.00	500.00	500.00	1.10	1.10	-90.43	-0.30	-40.10	40.10	37.89	2.21	18.175	
550.00	550.00	550.00	550.00	1.20	1.20	-90.43	-0.30	-40.10	40.10	37.69	2.41	16.647	
600.00	600.00	600.00	600.00	1.31	1.31	-90.43	-0.30	-40.10	40.10	37.49	2.61	15.335	
650.00	650.00	650.00	650.00	1.41	1.41	-90.43	-0.30	-40.10	40.10	37.28	2.82	14.200	
700.00	700.00	700.00	700.00	1.52	1.52	-90.43	-0.30	-40.10	40.10	37.07	3.04	13.212	
750.00	750.00	750.00	750.00	1.62	1.62	-90.43	-0.30	-40.10	40.10	36.85	3.25	12.345	
800.00	800.00	800.00	800.00	1.73	1.73	-90.43	-0.30	-40.10	40.10	36.64	3.46	11.580	
850.00	850.00	850.00	850.00	1.84	1.84	-90.43	-0.30	-40.10	40.10	36.42	3.68	10.901	
900.00	900.00	900.00	900.00	1.95	1.95	-90.43	-0.30	-40.10	40.10	36.21	3.90	10.295	
950.00	950.00	950.00	950.00	2.06	2.06	-90.43	-0.30	-40.10	40.10	35.99	4.11	9.750	
1,000.00	1,000.00	1,000.00	1,000.00	2.17	2.17	-90.43	-0.30	-40.10	40.10	35.77	4.33	9.258	
1,050.00	1,050.00	1,050.00	1,050.00	2.28	2.28	-90.43	-0.30	-40.10	40.10	35.55	4.55	8.813	
1,100.00	1,100.00	1,100.00	1,100.00	2.38	2.38	-90.43	-0.30	-40.10	40.10	35.33	4.77	8.407	
1,150.00	1,150.00	1,150.00	1,150.00	2.49	2.49	-90.43	-0.30	-40.10	40.10	35.11	4.99	8.036	
1,200.00	1,200.00	1,200.00	1,200.00	2.61	2.61	-90.43	-0.30	-40.10	40.10	34.89	5.21	7.697	
1,250.00	1,250.00	1,250.00	1,250.00	2.72	2.72	-90.43	-0.30	-40.10	40.10	34.67	5.43	7.384	
1,300.00	1,300.00	1,300.00	1,300.00	2.83	2.83	-90.43	-0.30	-40.10	40.10	34.45	5.65	7.095	
1,350.00	1,350.00	1,350.00	1,350.00	2.94	2.94	-90.43	-0.30	-40.10	40.10	34.23	5.87	6.827	
1,400.00	1,400.00	1,400.00	1,400.00	3.05	3.05	-90.43	-0.30	-40.10	40.10	34.01	6.10	6.579	
1,450.00	1,450.00	1,450.00	1,450.00	3.16	3.16	-90.43	-0.30	-40.10	40.10	33.78	6.32	6.348	
1,500.00	1,500.00	1,500.00	1,500.00	3.27	3.27	-90.43	-0.30	-40.10	40.10	33.56	6.54	6.133 CC, ES	
1,550.00	1,550.00	1,550.00	1,550.00	3.38	3.38	-147.61	-0.30	-40.10	40.47	33.71	6.76	5.988	
1,600.00	1,599.98	1,599.98	1,599.98	3.49	3.49	-148.57	-0.30	-40.10	41.58	34.60	6.98	5.960 SF	
1,650.00	1,649.93	1,649.93	1,649.93	3.59	3.60	-150.05	-0.30	-40.10	43.46	36.26	7.19	6.040	
1,700.00	1,699.84	1,699.84	1,699.84	3.70	3.71	-151.91	-0.30	-40.10	46.13	38.72	7.41	6.224	
1,750.00	1,749.68	1,749.68	1,749.68	3.81	3.83	-154.02	-0.30	-40.10	49.62	41.99	7.63	6.504	
1,800.00	1,799.45	1,799.45	1,799.45	3.92	3.94	-156.21	-0.30	-40.10	53.98	46.13	7.85	6.877	
1,850.00	1,849.13	1,848.33	1,848.33	4.04	4.04	-158.10	-0.12	-40.47	59.53	51.47	8.06	7.382	
1,900.00	1,898.70	1,896.96	1,896.94	4.16	4.15	-159.46	0.42	-41.58	66.61	58.34	8.28	8.047	
1,950.00	1,948.20	1,945.34	1,945.27	4.28	4.25	-160.33	1.31	-43.42	74.88	66.40	8.49	8.822	
2,000.00	1,997.70	1,993.50	1,993.36	4.40	4.35	-160.66	2.55	-45.98	83.81	75.12	8.70	9.639	
2,050.00	2,047.19	2,041.45	2,041.16	4.53	4.46	-160.61	4.14	-49.25	93.37	84.47	8.90	10.489	
2,100.00	2,096.69	2,089.13	2,088.64	4.66	4.56	-160.27	6.06	-53.22	103.56	94.45	9.11	11.372	
2,150.00	2,146.19	2,136.54	2,135.77	4.80	4.67	-159.75	8.31	-57.87	114.38	105.07	9.31	12.283	
2,200.00	2,195.68	2,183.65	2,182.50	4.93	4.78	-159.08	10.89	-63.18	125.84	116.33	9.52	13.225	
2,250.00	2,245.18	2,230.43	2,228.81	5.07	4.89	-158.33	13.78	-69.14	137.95	128.23	9.72	14.191	
2,300.00	2,294.67	2,276.87	2,274.67	5.21	5.01	-157.52	16.98	-75.73	150.70	140.78	9.92	15.187	
2,350.00	2,344.17	2,322.94	2,320.04	5.36	5.13	-156.67	20.47	-82.93	164.11	153.98	10.13	16.207	
2,400.00	2,393.67	2,368.63	2,364.91	5.50	5.25	-155.82	24.24	-90.71	178.18	167.85	10.33	17.254	
2,450.00	2,443.16	2,416.27	2,411.59	5.64	5.39	-154.98	28.36	-99.21	192.64	182.08	10.55	18.255	
2,500.00	2,492.66	2,464.06	2,458.44	5.79	5.53	-154.25	32.49	-107.73	207.13	196.35	10.78	19.212	
2,550.00	2,542.16	2,511.85	2,505.28	5.94	5.67	-153.62	36.63	-116.26	221.65	210.64	11.01	20.126	

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



SB Directional Anticollision Report

PRIDE ENERGY COMPANY

Company:	PRIDE ENERGY	Local Co-ordinate Reference:	Well GO STATE COM 102-H
Project:	LEA CO., NM (NAD83)	TVD Reference:	RKB @ 3975.00usft
Reference Site:	SEC 13-T19S-R34E	MD Reference:	RKB @ 3975.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	GO STATE COM 102-H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.50 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Prelim Plan 0	Offset TVD Reference:	Offset Datum

Offset Design: SEC 13-T19S-R34E - GO STATE COM 203-H - Wellbore #1 - Prelim Plan 0													Offset Site Error: 0.00 usft
Survey Program: 0-MWD													Offset Well Error: 0.50 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)			
2,600.00	2,591.65	2,559.64	2,552.12	6.09	5.82	-153.07	40.76	-124.79	236.19	224.95	11.25	21.003	
2,650.00	2,641.15	2,607.43	2,598.97	6.24	5.97	-152.58	44.89	-133.31	250.75	239.27	11.48	21.841	
2,700.00	2,690.65	2,655.22	2,645.81	6.39	6.13	-152.14	49.03	-141.84	265.33	253.61	11.72	22.643	
2,750.00	2,740.14	2,703.02	2,692.65	6.54	6.29	-151.75	53.16	-150.36	279.92	267.96	11.96	23.409	
2,800.00	2,789.64	2,750.81	2,739.50	6.69	6.45	-151.40	57.29	-158.89	294.52	282.32	12.20	24.144	
2,850.00	2,839.14	2,798.60	2,786.34	6.84	6.61	-151.08	61.43	-167.41	309.12	296.68	12.44	24.848	
2,900.00	2,888.63	2,846.39	2,833.18	7.00	6.77	-150.79	65.56	-175.94	323.74	311.05	12.68	25.522	
2,950.00	2,938.13	2,894.18	2,880.02	7.15	6.94	-150.52	69.69	-184.46	338.36	325.43	12.93	26.169	
3,000.00	2,987.62	2,941.97	2,926.87	7.31	7.11	-150.28	73.83	-192.99	352.99	339.81	13.18	26.790	
3,050.00	3,037.12	2,989.77	2,973.71	7.47	7.28	-150.06	77.96	-201.51	367.62	354.20	13.42	27.386	
3,100.00	3,086.62	3,037.56	3,020.55	7.62	7.45	-149.85	82.10	-210.04	382.26	368.59	13.67	27.958	
3,150.00	3,136.11	3,085.35	3,067.40	7.78	7.63	-149.66	86.23	-218.57	396.91	382.98	13.92	28.508	
3,200.00	3,185.61	3,133.14	3,114.24	7.94	7.80	-149.48	90.36	-227.09	411.55	397.38	14.17	29.038	
3,250.00	3,235.11	3,180.93	3,161.08	8.10	7.98	-149.32	94.50	-235.62	426.20	411.78	14.42	29.546	
3,300.00	3,284.60	3,228.72	3,207.93	8.25	8.16	-149.16	98.63	-244.14	440.86	426.18	14.68	30.036	
3,350.00	3,334.10	3,276.51	3,254.77	8.41	8.34	-149.02	102.76	-252.67	455.51	440.58	14.93	30.508	
3,400.00	3,383.60	3,324.31	3,301.61	8.57	8.52	-148.88	106.90	-261.19	470.17	454.99	15.19	30.962	
3,450.00	3,433.09	3,372.10	3,348.45	8.73	8.70	-148.75	111.03	-269.72	484.83	469.39	15.44	31.400	
3,500.00	3,482.59	3,419.89	3,395.30	8.89	8.89	-148.63	115.16	-278.24	499.49	483.80	15.70	31.823	
3,550.00	3,532.09	3,467.68	3,442.14	9.05	9.07	-148.52	119.30	-286.77	514.16	498.21	15.95	32.230	
3,600.00	3,581.58	3,515.47	3,488.98	9.22	9.25	-148.41	123.43	-295.29	528.83	512.62	16.21	32.624	
3,650.00	3,631.08	3,563.26	3,535.83	9.38	9.44	-148.31	127.56	-303.82	543.49	527.03	16.47	33.004	
3,700.00	3,680.57	3,611.06	3,582.67	9.54	9.63	-148.22	131.70	-312.35	558.16	541.44	16.73	33.372	
3,750.00	3,730.07	3,658.85	3,629.51	9.70	9.81	-148.13	135.83	-320.87	572.83	555.85	16.98	33.726	
3,800.00	3,779.57	3,706.64	3,676.35	9.86	10.00	-148.04	139.96	-329.40	587.51	570.26	17.24	34.070	
3,850.00	3,829.06	3,754.43	3,723.20	10.02	10.19	-147.96	144.10	-337.92	602.18	584.67	17.50	34.402	
3,900.00	3,878.56	3,802.22	3,770.04	10.19	10.38	-147.88	148.23	-346.45	616.85	599.09	17.76	34.724	
3,950.00	3,928.06	3,850.01	3,816.88	10.35	10.57	-147.80	152.37	-354.97	631.53	613.50	18.03	35.035	
4,000.00	3,977.55	3,897.80	3,863.73	10.51	10.76	-147.73	156.50	-363.50	646.20	627.92	18.29	35.337	
4,050.00	4,027.05	3,945.60	3,910.57	10.68	10.95	-147.67	160.63	-372.02	660.88	642.33	18.55	35.629	
4,100.00	4,076.55	3,993.39	3,957.41	10.84	11.14	-147.60	164.77	-380.55	675.56	656.75	18.81	35.913	
4,150.00	4,126.04	4,041.18	4,004.26	11.00	11.33	-147.54	168.90	-389.07	690.24	671.16	19.07	36.187	
4,200.00	4,175.54	4,088.97	4,051.10	11.17	11.52	-147.48	173.03	-397.60	704.92	685.58	19.34	36.454	
4,250.00	4,225.04	4,136.76	4,097.94	11.33	11.72	-147.42	177.17	-406.13	719.60	700.00	19.60	36.713	
4,300.00	4,274.53	4,184.55	4,144.78	11.50	11.91	-147.37	181.30	-414.65	734.28	714.41	19.86	36.965	
4,350.00	4,324.03	4,232.35	4,191.63	11.66	12.10	-147.31	185.43	-423.18	748.96	728.83	20.13	37.209	
4,400.00	4,373.53	4,280.14	4,238.47	11.83	12.30	-147.26	189.57	-431.70	763.64	743.25	20.39	37.446	
4,450.00	4,423.02	4,327.93	4,285.31	11.99	12.49	-147.21	193.70	-440.23	778.32	757.67	20.66	37.677	
4,500.00	4,472.52	4,375.72	4,332.16	12.16	12.69	-147.17	197.83	-448.75	793.01	772.08	20.92	37.901	
4,550.00	4,522.01	4,423.51	4,379.00	12.32	12.88	-147.12	201.97	-457.28	807.69	786.50	21.19	38.119	
4,600.00	4,571.51	4,471.30	4,425.84	12.49	13.07	-147.08	206.10	-465.80	822.37	800.92	21.45	38.331	
4,650.00	4,621.01	4,519.10	4,472.69	12.65	13.27	-147.03	210.24	-474.33	837.06	815.34	21.72	38.538	
4,700.00	4,670.50	4,566.89	4,519.53	12.82	13.47	-146.99	214.37	-482.85	851.74	829.76	21.99	38.739	
4,750.00	4,720.00	4,614.68	4,566.37	12.98	13.66	-146.95	218.50	-491.38	866.43	844.17	22.25	38.935	
4,800.00	4,769.50	4,662.47	4,613.21	13.15	13.86	-146.92	222.64	-499.91	881.11	858.59	22.52	39.126	
4,850.00	4,818.99	4,710.26	4,660.06	13.31	14.05	-146.88	226.77	-508.43	895.80	873.01	22.79	39.312	
4,900.00	4,868.49	4,758.05	4,706.90	13.48	14.25	-146.84	230.90	-516.96	910.48	887.43	23.05	39.493	
4,950.00	4,917.99	4,805.84	4,753.74	13.64	14.45	-146.81	235.04	-525.48	925.17	901.85	23.32	39.670	
5,000.00	4,967.48	4,853.64	4,800.59	13.81	14.65	-146.78	239.17	-534.01	939.86	916.27	23.59	39.842	
5,050.00	5,016.98	4,901.43	4,847.43	13.98	14.84	-146.74	243.30	-542.53	954.54	930.69	23.86	40.010	
5,100.00	5,066.48	4,949.22	4,894.27	14.14	15.04	-146.71	247.44	-551.06	969.23	945.11	24.13	40.174	
5,150.00	5,115.97	4,997.01	4,941.12	14.31	15.24	-146.68	251.57	-559.58	983.92	959.53	24.39	40.334	

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



SB Directional Anticollision Report

PRIDE ENERGY COMPANY

Company:	PRIDE ENERGY	Local Co-ordinate Reference:	Well GO STATE COM 102-H
Project:	LEA CO., NM (NAD83)	TVD Reference:	RKB @ 3975.00usft
Reference Site:	SEC 13-T19S-R34E	MD Reference:	RKB @ 3975.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	GO STATE COM 102-H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.50 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Prelim Plan 0	Offset TVD Reference:	Offset Datum

Offset Design: SEC 13-T19S-R34E - GO STATE COM 203-H - Wellbore #1 - Prelim Plan 0												Offset Site Error:	0.00 usft
Survey Program: 0-MWD												Offset Well Error:	0.50 usft
Rule Assigned:												Warning	
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	
5,200.00	5,165.47	5,044.80	4,987.96	14.48	15.44	-146.65	255.70	-568.11	998.61	973.94	24.66	40.491	
5,250.00	5,214.96	5,092.59	5,034.80	14.64	15.63	-146.62	259.84	-576.63	1,013.29	988.36	24.93	40.643	
5,300.00	5,264.46	5,140.39	5,081.64	14.81	15.83	-146.60	263.97	-585.16	1,027.98	1,002.78	25.20	40.792	
5,350.00	5,313.96	5,188.18	5,128.49	14.97	16.03	-146.57	268.10	-593.69	1,042.67	1,017.20	25.47	40.938	
5,400.00	5,363.45	5,235.97	5,175.33	15.14	16.23	-146.54	272.24	-602.21	1,057.36	1,031.62	25.74	41.080	
5,450.00	5,412.95	5,283.76	5,222.17	15.31	16.43	-146.52	276.37	-610.74	1,072.05	1,046.04	26.01	41.219	
5,500.00	5,462.45	5,331.55	5,269.02	15.48	16.63	-146.49	280.51	-619.26	1,086.74	1,060.46	26.28	41.355	
5,550.00	5,511.94	5,379.34	5,315.86	15.64	16.83	-146.47	284.64	-627.79	1,101.43	1,074.88	26.55	41.488	
5,600.00	5,561.44	5,427.13	5,362.70	15.81	17.02	-146.44	288.77	-636.31	1,116.12	1,089.30	26.82	41.618	
5,650.00	5,610.94	5,474.94	5,409.56	15.97	17.22	-146.48	292.91	-644.84	1,130.77	1,103.68	27.08	41.752	
5,700.00	5,660.54	5,536.91	5,470.35	16.11	17.44	-146.58	298.15	-655.66	1,144.72	1,117.32	27.40	41.771	
5,750.00	5,710.23	5,612.77	5,545.08	16.23	17.68	-146.66	303.84	-667.39	1,156.97	1,129.20	27.76	41.674	
5,800.00	5,760.02	5,689.76	5,621.25	16.34	17.89	-146.73	308.73	-677.47	1,167.33	1,139.23	28.10	41.544	
5,850.00	5,809.88	5,767.70	5,698.64	16.44	18.08	-146.78	312.77	-685.80	1,175.79	1,147.38	28.41	41.389	
5,900.00	5,859.79	5,846.41	5,777.01	16.54	18.26	-146.82	315.91	-692.28	1,182.31	1,153.61	28.70	41.199	
5,950.00	5,909.75	5,925.69	5,856.13	16.63	18.41	-146.85	318.12	-696.85	1,186.87	1,157.91	28.96	40.986	
6,000.00	5,959.74	6,005.35	5,935.73	16.71	18.54	-146.86	319.39	-699.45	1,189.46	1,160.26	29.20	40.741	
6,050.00	6,009.74	6,079.36	6,009.74	16.78	18.65	-90.01	319.70	-700.10	1,190.10	1,160.70	29.40	40.480	
6,100.00	6,059.74	6,129.36	6,059.74	16.86	18.72	-90.01	319.70	-700.10	1,190.10	1,160.52	29.58	40.233	
6,150.00	6,109.74	6,179.36	6,109.74	16.95	18.80	-90.01	319.70	-700.10	1,190.10	1,160.33	29.77	39.975	
6,200.00	6,159.74	6,229.36	6,159.74	17.03	18.87	-90.01	319.70	-700.10	1,190.10	1,160.14	29.96	39.720	
6,250.00	6,209.74	6,279.36	6,209.74	17.12	18.95	-90.01	319.70	-700.10	1,190.10	1,159.95	30.15	39.468	
6,300.00	6,259.74	6,329.36	6,259.74	17.21	19.03	-90.01	319.70	-700.10	1,190.10	1,159.75	30.35	39.218	
6,350.00	6,309.74	6,379.36	6,309.74	17.29	19.11	-90.01	319.70	-700.10	1,190.10	1,159.56	30.54	38.971	
6,400.00	6,359.74	6,429.36	6,359.74	17.38	19.19	-90.01	319.70	-700.10	1,190.10	1,159.37	30.73	38.726	
6,450.00	6,409.74	6,479.36	6,409.74	17.47	19.27	-90.01	319.70	-700.10	1,190.10	1,159.18	30.92	38.484	
6,500.00	6,459.74	6,529.36	6,459.74	17.56	19.35	-90.01	319.70	-700.10	1,190.10	1,158.98	31.12	38.244	
6,550.00	6,509.74	6,579.36	6,509.74	17.64	19.43	-90.01	319.70	-700.10	1,190.10	1,158.79	31.31	38.007	
6,600.00	6,559.74	6,629.36	6,559.74	17.73	19.51	-90.01	319.70	-700.10	1,190.10	1,158.59	31.51	37.772	
6,650.00	6,609.74	6,679.36	6,609.74	17.82	19.59	-90.01	319.70	-700.10	1,190.10	1,158.40	31.70	37.540	
6,700.00	6,659.74	6,729.36	6,659.74	17.91	19.67	-90.01	319.70	-700.10	1,190.10	1,158.20	31.90	37.310	
6,750.00	6,709.74	6,779.36	6,709.74	18.00	19.75	-90.01	319.70	-700.10	1,190.10	1,158.01	32.09	37.082	
6,800.00	6,759.74	6,829.36	6,759.74	18.09	19.83	-90.01	319.70	-700.10	1,190.10	1,157.81	32.29	36.857	
6,850.00	6,809.74	6,879.36	6,809.74	18.18	19.91	-90.01	319.70	-700.10	1,190.10	1,157.61	32.49	36.634	
6,900.00	6,859.74	6,929.36	6,859.74	18.27	20.00	-90.01	319.70	-700.10	1,190.10	1,157.42	32.68	36.413	
6,950.00	6,909.74	6,979.36	6,909.74	18.36	20.08	-90.01	319.70	-700.10	1,190.10	1,157.22	32.88	36.195	
7,000.00	6,959.74	7,029.36	6,959.74	18.45	20.16	-90.01	319.70	-700.10	1,190.10	1,157.02	33.08	35.979	
7,050.00	7,009.74	7,079.36	7,009.74	18.54	20.24	-90.01	319.70	-700.10	1,190.10	1,156.82	33.28	35.765	
7,100.00	7,059.74	7,129.36	7,059.74	18.63	20.33	-90.01	319.70	-700.10	1,190.10	1,156.63	33.47	35.553	
7,150.00	7,109.74	7,179.36	7,109.74	18.72	20.41	-90.01	319.70	-700.10	1,190.10	1,156.43	33.67	35.343	
7,200.00	7,159.74	7,229.36	7,159.74	18.81	20.50	-90.01	319.70	-700.10	1,190.10	1,156.23	33.87	35.135	
7,250.00	7,209.74	7,279.36	7,209.74	18.90	20.58	-90.01	319.70	-700.10	1,190.10	1,156.03	34.07	34.930	
7,300.00	7,259.74	7,329.36	7,259.74	19.00	20.66	-90.01	319.70	-700.10	1,190.10	1,155.83	34.27	34.726	
7,350.00	7,309.74	7,379.36	7,309.74	19.09	20.75	-90.01	319.70	-700.10	1,190.10	1,155.63	34.47	34.525	
7,400.00	7,359.74	7,429.36	7,359.74	19.18	20.83	-90.01	319.70	-700.10	1,190.10	1,155.43	34.67	34.326	
7,450.00	7,409.74	7,479.36	7,409.74	19.27	20.92	-90.01	319.70	-700.10	1,190.10	1,155.23	34.87	34.128	
7,500.00	7,459.74	7,529.36	7,459.74	19.36	21.00	-90.01	319.70	-700.10	1,190.10	1,155.03	35.07	33.933	
7,550.00	7,509.74	7,579.36	7,509.74	19.46	21.09	-90.01	319.70	-700.10	1,190.10	1,154.83	35.27	33.739	
7,600.00	7,559.74	7,629.36	7,559.74	19.55	21.18	-90.01	319.70	-700.10	1,190.10	1,154.63	35.47	33.548	
7,650.00	7,609.74	7,679.36	7,609.74	19.64	21.26	-90.01	319.70	-700.10	1,190.10	1,154.42	35.68	33.358	
7,700.00	7,659.74	7,729.36	7,659.74	19.74	21.35	-90.01	319.70	-700.10	1,190.10	1,154.22	35.88	33.171	
7,750.00	7,709.74	7,779.36	7,709.74	19.83	21.44	-90.01	319.70	-700.10	1,190.10	1,154.02	36.08	32.985	

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



SB Directional Anticollision Report

PRIDE ENERGY COMPANY

Company:	PRIDE ENERGY	Local Co-ordinate Reference:	Well GO STATE COM 102-H
Project:	LEA CO., NM (NAD83)	TVD Reference:	RKB @ 3975.00usft
Reference Site:	SEC 13-T19S-R34E	MD Reference:	RKB @ 3975.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	GO STATE COM 102-H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.50 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Prelim Plan 0	Offset TVD Reference:	Offset Datum

Offset Design: SEC 13-T19S-R34E - GO STATE COM 203-H - Wellbore #1 - Prelim Plan 0													Offset Site Error: 0.00 usft
Survey Program: 0-MWD													Offset Well Error: 0.50 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)			
7,800.00	7,759.74	7,829.36	7,759.74	19.92	21.52	-90.01	319.70	-700.10	1,190.10	1,153.82	36.28	32.801	
7,850.00	7,809.74	7,879.36	7,809.74	20.02	21.61	-90.01	319.70	-700.10	1,190.10	1,153.61	36.49	32.618	
7,900.00	7,859.74	7,929.36	7,859.74	20.11	21.70	-90.01	319.70	-700.10	1,190.10	1,153.41	36.69	32.438	
7,950.00	7,909.74	7,979.36	7,909.74	20.21	21.78	-90.01	319.70	-700.10	1,190.10	1,153.21	36.89	32.259	
8,000.00	7,959.74	8,029.36	7,959.74	20.30	21.87	-90.01	319.70	-700.10	1,190.10	1,153.00	37.10	32.082	
8,050.00	8,009.74	8,079.36	8,009.74	20.40	21.96	-90.01	319.70	-700.10	1,190.10	1,152.80	37.30	31.907	
8,100.00	8,059.74	8,129.36	8,059.74	20.49	22.05	-90.01	319.70	-700.10	1,190.10	1,152.60	37.50	31.734	
8,150.00	8,109.74	8,179.36	8,109.74	20.59	22.14	-90.01	319.70	-700.10	1,190.10	1,152.39	37.71	31.562	
8,200.00	8,159.74	8,229.36	8,159.74	20.68	22.23	-90.01	319.70	-700.10	1,190.10	1,152.19	37.91	31.392	
8,250.00	8,209.74	8,279.36	8,209.74	20.78	22.32	-90.01	319.70	-700.10	1,190.10	1,151.98	38.12	31.223	
8,300.00	8,259.74	8,329.36	8,259.74	20.87	22.40	-90.01	319.70	-700.10	1,190.10	1,151.78	38.32	31.056	
8,350.00	8,309.74	8,379.36	8,309.74	20.97	22.49	-90.01	319.70	-700.10	1,190.10	1,151.57	38.53	30.891	
8,400.00	8,359.74	8,429.36	8,359.74	21.06	22.58	-90.01	319.70	-700.10	1,190.10	1,151.37	38.73	30.727	
8,450.00	8,409.74	8,479.36	8,409.74	21.16	22.67	-90.01	319.70	-700.10	1,190.10	1,151.16	38.94	30.565	
8,500.00	8,459.74	8,529.36	8,459.74	21.26	22.76	-90.01	319.70	-700.10	1,190.10	1,150.96	39.14	30.404	
8,550.00	8,509.74	8,579.36	8,509.74	21.35	22.85	-90.01	319.70	-700.10	1,190.10	1,150.75	39.35	30.245	
8,600.00	8,559.74	8,629.36	8,559.74	21.45	22.94	-90.01	319.70	-700.10	1,190.10	1,150.55	39.55	30.087	
8,650.00	8,609.74	8,679.36	8,609.74	21.55	23.03	-90.01	319.70	-700.10	1,190.10	1,150.34	39.76	29.931	
8,700.00	8,659.74	8,729.36	8,659.74	21.64	23.12	-90.01	319.70	-700.10	1,190.10	1,150.13	39.97	29.776	
8,750.00	8,709.74	8,779.36	8,709.74	21.74	23.22	-90.01	319.70	-700.10	1,190.10	1,149.93	40.17	29.623	
8,800.00	8,759.74	8,829.36	8,759.74	21.84	23.31	-90.01	319.70	-700.10	1,190.10	1,149.72	40.38	29.471	
8,850.00	8,809.74	8,879.36	8,809.74	21.94	23.40	-90.01	319.70	-700.10	1,190.10	1,149.51	40.59	29.321	
8,900.00	8,859.74	8,929.36	8,859.74	22.03	23.49	-90.01	319.70	-700.10	1,190.10	1,149.30	40.80	29.172	
8,950.00	8,909.74	8,979.36	8,909.74	22.13	23.58	-90.01	319.70	-700.10	1,190.10	1,149.10	41.00	29.024	
9,000.00	8,959.74	9,029.36	8,959.74	22.23	23.67	-90.01	319.70	-700.10	1,190.10	1,148.89	41.21	28.878	
9,050.00	9,009.74	9,079.36	9,009.74	22.33	23.77	-90.01	319.70	-700.10	1,190.10	1,148.68	41.42	28.733	
9,100.00	9,059.74	9,129.36	9,059.74	22.42	23.86	-90.01	319.70	-700.10	1,190.10	1,148.47	41.63	28.589	
9,150.00	9,109.74	9,179.36	9,109.74	22.52	23.95	-90.01	319.70	-700.10	1,190.10	1,148.26	41.84	28.447	
9,200.00	9,159.74	9,229.36	9,159.74	22.62	24.04	-90.01	319.70	-700.10	1,190.10	1,148.06	42.04	28.306	
9,250.00	9,209.74	9,279.36	9,209.74	22.72	24.14	-90.01	319.70	-700.10	1,190.10	1,147.85	42.25	28.166	
9,250.12	9,209.85	9,279.48	9,209.85	22.72	24.14	-90.01	319.70	-700.10	1,190.10	1,147.85	42.25	28.166	
9,300.00	9,259.73	9,329.36	9,259.73	22.81	24.23	90.43	319.70	-700.10	1,190.10	1,147.65	42.45	28.032	
9,350.00	9,309.49	9,379.11	9,309.49	22.87	24.32	90.65	319.70	-700.10	1,190.15	1,147.53	42.62	27.925	
9,400.00	9,358.49	9,428.11	9,358.49	22.92	24.41	91.09	319.70	-700.10	1,190.30	1,147.54	42.76	27.840	
9,450.00	9,406.18	9,475.81	9,406.18	22.94	24.50	91.73	319.70	-700.10	1,190.69	1,147.82	42.86	27.778	
9,500.00	9,452.06	9,521.69	9,452.06	22.96	24.59	92.51	319.70	-700.10	1,191.49	1,148.54	42.95	27.743	
9,550.00	9,495.62	9,565.24	9,495.62	22.95	24.67	93.36	319.70	-700.10	1,192.94	1,149.93	43.01	27.737	
9,600.00	9,536.37	9,606.00	9,536.37	22.94	24.75	94.20	319.70	-700.10	1,195.29	1,152.24	43.05	27.766	
9,650.00	9,573.88	9,643.50	9,573.88	22.92	24.82	94.96	319.70	-700.10	1,198.82	1,155.75	43.07	27.832	
9,700.00	9,607.73	9,677.35	9,607.73	22.89	24.88	95.55	319.70	-700.10	1,203.81	1,160.73	43.09	27.939	
9,750.00	9,637.55	9,707.17	9,637.55	22.87	24.94	95.89	319.70	-700.10	1,210.51	1,167.41	43.09	28.090	
9,800.00	9,663.01	9,732.63	9,663.01	22.85	24.98	95.89	319.70	-700.10	1,219.11	1,176.01	43.10	28.286	
9,850.00	9,683.84	9,753.46	9,683.84	22.84	25.02	95.48	319.70	-700.10	1,229.76	1,186.66	43.10	28.530	
9,900.00	9,699.81	9,769.43	9,699.81	22.84	25.05	94.62	319.70	-700.10	1,242.54	1,199.43	43.11	28.822	
9,950.00	9,710.73	9,780.36	9,710.73	22.87	25.07	93.27	319.70	-700.10	1,257.43	1,214.31	43.12	29.160	
10,000.00	9,716.51	9,786.13	9,716.51	22.92	25.08	91.39	319.70	-700.10	1,274.33	1,231.19	43.14	29.542	
10,050.00	9,718.11	9,787.73	9,718.11	23.01	25.09	90.61	319.70	-700.10	1,293.04	1,249.87	43.17	29.950	
10,100.00	9,719.35	9,788.98	9,719.35	23.15	25.09	90.67	319.70	-700.10	1,313.40	1,270.20	43.20	30.403	
10,150.00	9,720.60	9,790.23	9,720.60	23.32	25.09	90.73	319.70	-700.10	1,335.31	1,292.03	43.28	30.852	
10,200.00	9,721.85	9,791.47	9,721.85	23.54	25.09	90.79	319.70	-700.10	1,358.71	1,315.37	43.34	31.351	
10,250.00	9,723.10	10,972.99	10,425.98	23.80	26.13	120.58	-368.04	-694.99	1,382.22	1,339.26	42.96	32.177	
10,300.00	9,724.35	11,022.99	10,427.25	24.09	26.36	120.58	-418.02	-694.62	1,382.23	1,338.75	43.48	31.789	

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



SB Directional Anticollision Report

PRIDE ENERGY COMPANY

Company:	PRIDE ENERGY	Local Co-ordinate Reference:	Well GO STATE COM 102-H
Project:	LEA CO., NM (NAD83)	TVD Reference:	RKB @ 3975.00usft
Reference Site:	SEC 13-T19S-R34E	MD Reference:	RKB @ 3975.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	GO STATE COM 102-H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.50 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Prelim Plan 0	Offset TVD Reference:	Offset Datum

Offset Design: SEC 13-T19S-R34E - GO STATE COM 203-H - Wellbore #1 - Prelim Plan 0													Offset Site Error:	0.00 usft	
Survey Program:		0-MWD		Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned:				Offset Well Error:	0.50 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		
10,350.00	9,725.59	11,072.99	10,428.53	24.43	26.62	120.58	-468.00	-694.25	1,382.24	1,338.15	44.09	31.353			
10,400.00	9,726.84	11,122.99	10,429.80	24.79	26.91	120.58	-517.99	-693.88	1,382.25	1,337.53	44.72	30.912			
10,450.00	9,728.09	11,172.99	10,431.08	25.19	27.25	120.58	-567.97	-693.50	1,382.26	1,336.84	45.42	30.433			
10,500.00	9,729.34	11,222.99	10,432.35	25.61	27.61	120.58	-617.95	-693.13	1,382.27	1,336.13	46.15	29.954			
10,550.00	9,730.58	11,272.99	10,433.62	26.06	28.00	120.58	-667.93	-692.76	1,382.28	1,335.34	46.94	29.448			
10,600.00	9,731.83	11,322.99	10,434.90	26.53	28.42	120.58	-717.92	-692.39	1,382.29	1,334.54	47.75	28.946			
10,650.00	9,733.08	11,372.99	10,436.17	27.03	28.87	120.58	-767.90	-692.02	1,382.30	1,333.68	48.63	28.426			
10,700.00	9,734.33	11,422.99	10,437.45	27.54	29.34	120.59	-817.88	-691.65	1,382.32	1,332.79	49.52	27.913			
10,750.00	9,735.58	11,472.99	10,438.72	28.09	29.83	120.59	-867.86	-691.28	1,382.33	1,331.86	50.47	27.389			
10,800.00	9,736.82	11,522.99	10,439.99	28.64	30.35	120.59	-917.85	-690.91	1,382.34	1,330.90	51.43	26.876			
10,850.00	9,738.07	11,572.99	10,441.27	29.23	30.88	120.59	-967.83	-690.53	1,382.35	1,329.90	52.45	26.357			
10,900.00	9,739.32	11,622.99	10,442.54	29.82	31.43	120.59	-1,017.81	-690.16	1,382.36	1,328.88	53.47	25.851			
10,950.00	9,740.57	11,672.99	10,443.82	30.43	32.00	120.59	-1,067.79	-689.79	1,382.37	1,327.82	54.54	25.344			
11,000.00	9,741.81	11,722.99	10,445.09	31.05	32.59	120.59	-1,117.78	-689.42	1,382.38	1,326.75	55.63	24.850			
11,050.00	9,743.06	11,772.99	10,446.36	31.70	33.19	120.59	-1,167.76	-689.05	1,382.39	1,325.64	56.75	24.359			
11,100.00	9,744.31	11,822.99	10,447.64	32.34	33.80	120.59	-1,217.74	-688.68	1,382.40	1,324.52	57.88	23.882			
11,150.00	9,745.56	11,872.99	10,448.91	33.01	34.43	120.59	-1,267.72	-688.31	1,382.41	1,323.36	59.05	23.410			
11,200.00	9,746.81	11,922.99	10,450.19	33.69	35.07	120.60	-1,317.70	-687.93	1,382.42	1,322.19	60.23	22.952			
11,250.00	9,748.05	11,972.99	10,451.46	34.38	35.73	120.60	-1,367.69	-687.56	1,382.43	1,320.99	61.44	22.501			
11,300.00	9,749.30	12,022.99	10,452.73	35.07	36.39	120.60	-1,417.67	-687.19	1,382.44	1,319.79	62.66	22.064			
11,350.00	9,750.55	12,072.99	10,454.01	35.78	37.07	120.60	-1,467.65	-686.82	1,382.45	1,318.55	63.90	21.635			
11,400.00	9,751.80	12,122.99	10,455.28	36.50	37.76	120.60	-1,517.63	-686.45	1,382.46	1,317.31	65.15	21.219			
11,450.00	9,753.04	12,172.99	10,456.55	37.23	38.45	120.60	-1,567.62	-686.08	1,382.48	1,316.05	66.43	20.811			
11,500.00	9,754.29	12,222.99	10,457.83	37.96	39.16	120.60	-1,617.60	-685.71	1,382.49	1,314.77	67.71	20.417			
11,550.00	9,755.54	12,272.99	10,459.10	38.70	39.87	120.60	-1,667.58	-685.33	1,382.50	1,313.48	69.02	20.031			
11,600.00	9,756.79	12,322.99	10,460.38	39.45	40.59	120.60	-1,717.56	-684.96	1,382.51	1,312.18	70.33	19.658			
11,650.00	9,758.04	12,372.99	10,461.65	40.21	41.32	120.60	-1,767.55	-684.59	1,382.52	1,310.86	71.66	19.293			
11,700.00	9,759.28	12,422.99	10,462.92	40.97	42.06	120.60	-1,817.53	-684.22	1,382.53	1,309.53	73.00	18.940			
11,750.00	9,760.53	12,472.99	10,464.20	41.74	42.81	120.61	-1,867.51	-683.85	1,382.54	1,308.19	74.35	18.595			
11,800.00	9,761.78	12,522.99	10,465.47	42.51	43.56	120.61	-1,917.49	-683.48	1,382.55	1,306.84	75.71	18.262			
11,850.00	9,763.03	12,572.99	10,466.75	43.30	44.31	120.61	-1,967.48	-683.11	1,382.56	1,305.48	77.08	17.937			
11,900.00	9,764.27	12,622.99	10,468.02	44.08	45.07	120.61	-2,017.46	-682.74	1,382.57	1,304.11	78.46	17.622			
11,950.00	9,765.52	12,672.99	10,469.29	44.87	45.84	120.61	-2,067.44	-682.36	1,382.58	1,302.73	79.85	17.315			
12,000.00	9,766.77	12,722.99	10,470.57	45.66	46.62	120.61	-2,117.42	-681.99	1,382.59	1,301.35	81.25	17.017			
12,050.00	9,768.02	12,772.99	10,471.84	46.47	47.40	120.61	-2,167.41	-681.62	1,382.60	1,299.95	82.65	16.728			
12,100.00	9,769.27	12,822.99	10,473.12	47.27	48.18	120.61	-2,217.39	-681.25	1,382.61	1,298.55	84.07	16.447			
12,150.00	9,770.51	12,872.99	10,474.39	48.08	48.97	120.61	-2,267.37	-680.88	1,382.63	1,297.14	85.49	16.173			
12,200.00	9,771.76	12,922.99	10,475.66	48.89	49.76	120.61	-2,317.35	-680.51	1,382.64	1,295.72	86.92	15.908			
12,250.00	9,773.01	12,972.99	10,476.94	49.70	50.56	120.62	-2,367.33	-680.14	1,382.65	1,294.29	88.35	15.649			
12,300.00	9,774.26	13,022.99	10,478.21	50.52	51.36	120.62	-2,417.32	-679.76	1,382.66	1,292.87	89.79	15.398			
12,350.00	9,775.50	13,072.99	10,479.49	51.34	52.16	120.62	-2,467.30	-679.39	1,382.67	1,291.43	91.24	15.154			
12,400.00	9,776.75	13,122.99	10,480.76	52.17	52.97	120.62	-2,517.28	-679.02	1,382.68	1,289.99	92.69	14.917			
12,450.00	9,778.00	13,172.99	10,482.03	53.00	53.78	120.62	-2,567.26	-678.65	1,382.69	1,288.54	94.15	14.686			
12,500.00	9,779.25	13,222.99	10,483.31	53.83	54.60	120.62	-2,617.25	-678.28	1,382.70	1,287.09	95.61	14.461			
12,550.00	9,780.50	13,272.99	10,484.58	54.66	55.41	120.62	-2,667.23	-677.91	1,382.71	1,285.63	97.08	14.242			
12,600.00	9,781.74	13,322.99	10,485.86	55.50	56.23	120.62	-2,717.21	-677.54	1,382.72	1,284.17	98.56	14.030			
12,650.00	9,782.99	13,372.99	10,487.13	56.34	57.06	120.62	-2,767.19	-677.16	1,382.73	1,282.70	100.03	13.823			
12,700.00	9,784.24	13,422.99	10,488.40	57.18	57.88	120.62	-2,817.18	-676.79	1,382.74	1,281.23	101.52	13.621			
12,750.00	9,785.49	13,472.99	10,489.68	58.02	58.71	120.63	-2,867.16	-676.42	1,382.75	1,279.75	103.00	13.424			
12,800.00	9,786.73	13,522.99	10,490.95	58.87	59.55	120.63	-2,917.14	-676.05	1,382.76	1,278.27	104.49	13.233			
12,850.00	9,787.98	13,572.99	10,492.23	59.71	60.38	120.63	-2,967.12	-675.68	1,382.78	1,276.79	105.99	13.047			
12,900.00	9,789.23	13,622.99	10,493.50	60.56	61.22	120.63	-3,017.11	-675.31	1,382.79	1,275.30	107.48	12.865			

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



SB Directional Anticollision Report

PRIDE ENERGY COMPANY

Company:	PRIDE ENERGY	Local Co-ordinate Reference:	Well GO STATE COM 102-H
Project:	LEA CO., NM (NAD83)	TVD Reference:	RKB @ 3975.00usft
Reference Site:	SEC 13-T19S-R34E	MD Reference:	RKB @ 3975.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	GO STATE COM 102-H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.50 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Prelim Plan 0	Offset TVD Reference:	Offset Datum

Offset Design: SEC 13-T19S-R34E - GO STATE COM 203-H - Wellbore #1 - Prelim Plan 0												Offset Site Error:	0.00 usft
Survey Program: 0-MWD												Offset Well Error:	0.50 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	
12,950.00	9,790.48	13,672.99	10,494.77	61.42	62.06	120.63	-3,067.09	-674.94	1,382.80	1,273.81	108.99	12.688	
13,000.00	9,791.73	13,722.99	10,496.05	62.27	62.90	120.63	-3,117.07	-674.57	1,382.81	1,272.32	110.49	12.515	
13,050.00	9,792.97	13,772.99	10,497.32	63.12	63.74	120.63	-3,167.05	-674.19	1,382.82	1,270.82	112.00	12.347	
13,100.00	9,794.22	13,822.99	10,498.60	63.98	64.58	120.63	-3,217.04	-673.82	1,382.83	1,269.32	113.51	12.183	
13,150.00	9,795.47	13,872.99	10,499.87	64.84	65.43	120.63	-3,267.02	-673.45	1,382.84	1,267.82	115.02	12.022	
13,200.00	9,796.72	13,922.99	10,501.14	65.70	66.28	120.63	-3,317.00	-673.08	1,382.85	1,266.31	116.54	11.866	
13,250.00	9,797.96	13,972.99	10,502.42	66.56	67.13	120.64	-3,366.98	-672.71	1,382.86	1,264.80	118.06	11.713	
13,300.00	9,799.21	14,022.99	10,503.69	67.42	67.98	120.64	-3,416.96	-672.34	1,382.87	1,263.29	119.58	11.564	
13,350.00	9,800.46	14,072.99	10,504.96	68.29	68.84	120.64	-3,466.95	-671.97	1,382.88	1,261.78	121.10	11.419	
13,400.00	9,801.71	14,122.99	10,506.24	69.15	69.69	120.64	-3,516.93	-671.59	1,382.89	1,260.26	122.63	11.277	
13,450.00	9,802.96	14,172.99	10,507.51	70.02	70.55	120.64	-3,566.91	-671.22	1,382.90	1,258.74	124.16	11.138	
13,500.00	9,804.20	14,222.99	10,508.79	70.89	71.41	120.64	-3,616.89	-670.85	1,382.91	1,257.22	125.69	11.002	
13,550.00	9,805.45	14,272.99	10,510.06	71.76	72.27	120.64	-3,666.88	-670.48	1,382.93	1,255.70	127.23	10.870	
13,600.00	9,806.70	14,322.99	10,511.33	72.63	73.13	120.64	-3,716.86	-670.11	1,382.94	1,254.18	128.76	10.740	
13,650.00	9,807.95	14,372.99	10,512.61	73.50	73.99	120.64	-3,766.84	-669.74	1,382.95	1,252.65	130.30	10.614	
13,700.00	9,809.19	14,422.99	10,513.88	74.37	74.86	120.64	-3,816.82	-669.37	1,382.96	1,251.12	131.84	10.490	
13,750.00	9,810.44	14,472.99	10,515.16	75.25	75.72	120.65	-3,866.81	-669.00	1,382.97	1,249.59	133.38	10.369	
13,800.00	9,811.69	14,522.99	10,516.43	76.12	76.59	120.65	-3,916.79	-668.62	1,382.98	1,248.06	134.92	10.250	
13,850.00	9,812.94	14,572.99	10,517.70	77.00	77.45	120.65	-3,966.77	-668.25	1,382.99	1,246.52	136.47	10.134	
13,900.00	9,814.19	14,622.99	10,518.98	77.87	78.32	120.65	-4,016.75	-667.88	1,383.00	1,244.99	138.01	10.021	
13,950.00	9,815.43	14,672.99	10,520.25	78.75	79.19	120.65	-4,066.74	-667.51	1,383.01	1,243.45	139.56	9.910	
14,000.00	9,816.68	14,722.99	10,521.53	79.63	80.06	120.65	-4,116.72	-667.14	1,383.02	1,241.91	141.11	9.801	
14,050.00	9,817.93	14,772.99	10,522.80	80.51	80.93	120.65	-4,166.70	-666.77	1,383.03	1,240.37	142.67	9.694	
14,100.00	9,819.18	14,822.99	10,524.07	81.39	81.81	120.65	-4,216.68	-666.40	1,383.04	1,238.83	144.22	9.590	
14,150.00	9,820.42	14,872.99	10,525.35	82.27	82.68	120.65	-4,266.67	-666.02	1,383.05	1,237.28	145.77	9.488	
14,200.00	9,821.67	14,922.99	10,526.62	83.15	83.56	120.65	-4,316.65	-665.65	1,383.06	1,235.74	147.33	9.388	
14,250.00	9,822.92	14,972.99	10,527.90	84.03	84.43	120.66	-4,366.63	-665.28	1,383.08	1,234.19	148.89	9.290	
14,300.00	9,824.17	15,022.99	10,529.17	84.92	85.31	120.66	-4,416.61	-664.91	1,383.09	1,232.64	150.44	9.193	
14,350.00	9,825.42	15,072.99	10,530.44	85.80	86.18	120.66	-4,466.59	-664.54	1,383.10	1,231.09	152.00	9.099	
14,400.00	9,826.66	15,122.99	10,531.72	86.68	87.06	120.66	-4,516.58	-664.17	1,383.11	1,229.54	153.56	9.007	
14,450.00	9,827.91	15,172.99	10,532.99	87.57	87.94	120.66	-4,566.56	-663.80	1,383.12	1,227.99	155.13	8.916	
14,500.00	9,829.16	15,222.99	10,534.27	88.46	88.82	120.66	-4,616.54	-663.42	1,383.13	1,226.44	156.69	8.827	
14,550.00	9,830.41	15,272.99	10,535.54	89.34	89.70	120.66	-4,666.52	-663.05	1,383.14	1,224.89	158.25	8.740	
14,600.00	9,831.65	15,322.99	10,536.81	90.23	90.58	120.66	-4,716.51	-662.68	1,383.15	1,223.33	159.82	8.654	
14,650.00	9,832.90	15,372.99	10,538.09	91.12	91.46	120.66	-4,766.49	-662.31	1,383.16	1,221.78	161.39	8.571	
14,700.00	9,834.15	15,422.99	10,539.36	92.00	92.34	120.66	-4,816.47	-661.94	1,383.17	1,220.22	162.95	8.488	
14,747.71	9,835.34	15,470.70	10,540.58	92.85	93.19	120.67	-4,864.17	-661.58	1,383.18	1,218.73	164.45	8.411	

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



SB Directional Anticollision Report

PRIDE ENERGY COMPANY

Company:	PRIDE ENERGY	Local Co-ordinate Reference:	Well GO STATE COM 102-H
Project:	LEA CO., NM (NAD83)	TVD Reference:	RKB @ 3975.00usft
Reference Site:	SEC 13-T19S-R34E	MD Reference:	RKB @ 3975.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	GO STATE COM 102-H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.50 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Prelim Plan 0	Offset TVD Reference:	Offset Datum

Offset Design: SEC 13-T19S-R34E - GO STATE COM 204-H - Wellbore #1 - Prelim Plan 0												Offset Site Error:	0.00 usft
Survey Program: 0-MWD												Offset Well Error:	0.50 usft
Reference	Offset	Semi Major Axis	Highside	Rule Assigned:				Warning					
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Distance Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	0.50	0.50	89.14	0.30	19.90	19.90				
50.00	50.00	50.00	50.00	0.50	0.50	89.14	0.30	19.90	19.90	18.90	1.00	19.851	
100.00	100.00	100.00	100.00	0.51	0.51	89.14	0.30	19.90	19.90	18.89	1.01	19.625	
150.00	150.00	150.00	150.00	0.54	0.54	89.14	0.30	19.90	19.90	18.83	1.07	18.521	
200.00	200.00	200.00	200.00	0.59	0.59	89.14	0.30	19.90	19.90	18.73	1.18	16.929	
250.00	250.00	250.00	250.00	0.65	0.65	89.14	0.30	19.90	19.90	18.59	1.31	15.218	
300.00	300.00	300.00	300.00	0.73	0.73	89.14	0.30	19.90	19.90	18.44	1.46	13.605	
350.00	350.00	350.00	350.00	0.82	0.82	89.14	0.30	19.90	19.90	18.27	1.63	12.179	
400.00	400.00	400.00	400.00	0.91	0.91	89.14	0.30	19.90	19.90	18.09	1.82	10.953	
450.00	450.00	450.00	450.00	1.00	1.00	89.14	0.30	19.90	19.90	17.89	2.01	9.909	
500.00	500.00	500.00	500.00	1.10	1.10	89.14	0.30	19.90	19.90	17.70	2.21	9.021	
550.00	550.00	550.00	550.00	1.20	1.20	89.14	0.30	19.90	19.90	17.49	2.41	8.262	
600.00	600.00	600.00	600.00	1.31	1.31	89.14	0.30	19.90	19.90	17.29	2.61	7.611	
650.00	650.00	650.00	650.00	1.41	1.41	89.14	0.30	19.90	19.90	17.08	2.82	7.048	
700.00	700.00	700.00	700.00	1.52	1.52	89.14	0.30	19.90	19.90	16.87	3.04	6.557	
750.00	750.00	750.00	750.00	1.62	1.62	89.14	0.30	19.90	19.90	16.65	3.25	6.127	
800.00	800.00	800.00	800.00	1.73	1.73	89.14	0.30	19.90	19.90	16.44	3.46	5.747	
850.00	850.00	850.00	850.00	1.84	1.84	89.14	0.30	19.90	19.90	16.22	3.68	5.410	
900.00	900.00	900.00	900.00	1.95	1.95	89.14	0.30	19.90	19.90	16.01	3.90	5.109	
950.00	950.00	950.00	950.00	2.06	2.06	89.14	0.30	19.90	19.90	15.79	4.11	4.839	
1,000.00	1,000.00	1,000.00	1,000.00	2.17	2.17	89.14	0.30	19.90	19.90	15.57	4.33	4.595	
1,050.00	1,050.00	1,050.00	1,050.00	2.28	2.28	89.14	0.30	19.90	19.90	15.35	4.55	4.374	
1,100.00	1,100.00	1,100.00	1,100.00	2.38	2.38	89.14	0.30	19.90	19.90	15.13	4.77	4.172	
1,150.00	1,150.00	1,150.00	1,150.00	2.49	2.49	89.14	0.30	19.90	19.90	14.91	4.99	3.989	
1,200.00	1,200.00	1,200.00	1,200.00	2.61	2.61	89.14	0.30	19.90	19.90	14.69	5.21	3.820 CC, ES	
1,250.00	1,250.00	1,249.69	1,249.69	2.72	2.71	88.58	0.50	20.28	20.29	14.86	5.43	3.739	
1,300.00	1,300.00	1,299.35	1,299.33	2.83	2.82	87.03	1.11	21.42	21.46	15.82	5.64	3.804	
1,350.00	1,350.00	1,348.94	1,348.88	2.94	2.92	84.80	2.12	23.32	23.44	17.58	5.85	4.004	
1,400.00	1,400.00	1,398.45	1,398.30	3.05	3.03	82.25	3.53	25.96	26.26	20.19	6.06	4.330	
1,450.00	1,450.00	1,447.84	1,447.54	3.16	3.14	79.69	5.34	29.35	29.94	23.66	6.27	4.771	
1,500.00	1,500.00	1,497.09	1,496.56	3.27	3.25	77.30	7.54	33.48	34.49	28.01	6.48	5.321	
1,550.00	1,550.00	1,546.21	1,545.36	3.38	3.36	18.51	10.13	38.34	39.51	32.82	6.69	5.909	
1,600.00	1,599.98	1,595.24	1,593.98	3.49	3.48	17.10	13.11	43.92	44.57	37.68	6.89	6.472	
1,650.00	1,649.93	1,644.19	1,642.41	3.59	3.60	16.07	16.47	50.22	49.65	42.56	7.08	7.009	
1,700.00	1,699.84	1,693.97	1,691.59	3.70	3.73	15.38	20.09	57.00	54.31	47.02	7.29	7.446	
1,750.00	1,749.68	1,743.82	1,740.85	3.81	3.87	15.02	23.71	63.78	58.14	50.63	7.51	7.742	
1,800.00	1,799.45	1,793.73	1,790.16	3.92	4.00	14.91	27.33	70.58	61.13	53.41	7.72	7.914	
1,850.00	1,849.13	1,843.68	1,839.52	4.04	4.15	15.02	30.95	77.38	63.28	55.33	7.95	7.964	
1,900.00	1,898.70	1,893.66	1,888.90	4.16	4.29	15.33	34.58	84.18	64.58	56.42	8.17	7.910	
1,950.00	1,948.20	1,943.66	1,938.29	4.28	4.44	15.76	38.21	90.98	65.36	56.97	8.39	7.791	
2,000.00	1,997.70	1,993.65	1,987.69	4.40	4.59	16.19	41.84	97.79	66.14	57.53	8.61	7.678	
2,050.00	2,047.19	2,043.64	2,037.08	4.53	4.74	16.60	45.47	104.59	66.92	58.08	8.84	7.569	
2,100.00	2,096.69	2,093.63	2,086.47	4.66	4.89	17.01	49.10	111.40	67.70	58.63	9.07	7.464	
2,150.00	2,146.19	2,143.62	2,135.87	4.80	5.05	17.40	52.73	118.20	68.49	59.19	9.30	7.362	
2,200.00	2,195.68	2,193.61	2,185.26	4.93	5.20	17.79	56.36	125.01	69.28	59.74	9.53	7.266	
2,250.00	2,245.18	2,243.60	2,234.65	5.07	5.36	18.17	59.99	131.81	70.07	60.30	9.77	7.173	
2,300.00	2,294.67	2,293.60	2,284.05	5.21	5.52	18.54	63.61	138.61	70.87	60.86	10.00	7.083	
2,350.00	2,344.17	2,343.59	2,333.44	5.36	5.68	18.90	67.24	145.42	71.67	61.42	10.24	6.997	
2,400.00	2,393.67	2,393.58	2,382.83	5.50	5.84	19.26	70.87	152.22	72.47	61.99	10.48	6.914	
2,450.00	2,443.16	2,443.57	2,432.23	5.64	6.00	19.60	74.50	159.03	73.27	62.55	10.72	6.834	
2,500.00	2,492.66	2,493.56	2,481.62	5.79	6.17	19.94	78.13	165.83	74.08	63.12	10.96	6.758	
2,550.00	2,542.16	2,543.55	2,531.01	5.94	6.33	20.27	81.76	172.64	74.89	63.68	11.20	6.683	

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



SB Directional Anticollision Report

PRIDE ENERGY COMPANY

Company:	PRIDE ENERGY	Local Co-ordinate Reference:	Well GO STATE COM 102-H
Project:	LEA CO., NM (NAD83)	TVD Reference:	RKB @ 3975.00usft
Reference Site:	SEC 13-T19S-R34E	MD Reference:	RKB @ 3975.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	GO STATE COM 102-H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.50 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Prelim Plan 0	Offset TVD Reference:	Offset Datum

Offset Design: SEC 13-T19S-R34E - GO STATE COM 204-H - Wellbore #1 - Prelim Plan 0												Offset Site Error:	0.00 usft
Survey Program: 0-MWD												Offset Well Error:	0.50 usft
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	
2,600.00	2,591.65	2,593.55	2,580.41	6.09	6.50	20.59	85.39	179.44	75.70	64.25	11.45	6.612	
2,650.00	2,641.15	2,643.54	2,629.80	6.24	6.66	20.91	89.02	186.25	76.51	64.82	11.69	6.543	
2,700.00	2,690.65	2,693.53	2,679.19	6.39	6.83	21.22	92.65	193.05	77.33	65.39	11.94	6.476	
2,750.00	2,740.14	2,743.52	2,728.58	6.54	7.00	21.53	96.28	199.85	78.15	65.96	12.19	6.412	
2,800.00	2,789.64	2,793.51	2,777.98	6.69	7.16	21.82	99.90	206.66	78.97	66.53	12.44	6.350	
2,850.00	2,839.14	2,843.50	2,827.37	6.84	7.33	22.11	103.53	213.46	79.79	67.10	12.69	6.290	
2,900.00	2,888.63	2,893.50	2,876.76	7.00	7.50	22.40	107.16	220.27	80.61	67.68	12.94	6.232	
2,950.00	2,938.13	2,943.49	2,926.16	7.15	7.67	22.68	110.79	227.07	81.44	68.25	13.19	6.175	
3,000.00	2,987.62	2,993.48	2,975.55	7.31	7.84	22.95	114.42	233.88	82.27	68.83	13.44	6.121	
3,050.00	3,037.12	3,043.47	3,024.94	7.47	8.01	23.22	118.05	240.68	83.10	69.40	13.69	6.068	
3,100.00	3,086.62	3,093.46	3,074.34	7.62	8.18	23.49	121.68	247.49	83.93	69.98	13.95	6.017	
3,150.00	3,136.11	3,143.45	3,123.73	7.78	8.35	23.74	125.31	254.29	84.77	70.56	14.21	5.967	
3,200.00	3,185.61	3,193.45	3,173.12	7.94	8.52	24.00	128.94	261.09	85.60	71.14	14.46	5.919	
3,250.00	3,235.11	3,243.44	3,222.52	8.10	8.69	24.25	132.57	267.90	86.44	71.72	14.72	5.873	
3,300.00	3,284.60	3,293.43	3,271.91	8.25	8.86	24.49	136.19	274.70	87.28	72.30	14.98	5.827	
3,350.00	3,334.10	3,343.42	3,321.30	8.41	9.04	24.73	139.82	281.51	88.12	72.88	15.24	5.783	
3,400.00	3,383.60	3,393.41	3,370.70	8.57	9.21	24.96	143.45	288.31	88.96	73.46	15.50	5.741	
3,450.00	3,433.09	3,443.40	3,420.09	8.73	9.38	25.19	147.08	295.12	89.80	74.05	15.76	5.699	
3,500.00	3,482.59	3,493.39	3,469.48	8.89	9.55	25.42	150.71	301.92	90.65	74.63	16.02	5.659	
3,550.00	3,532.09	3,543.39	3,518.88	9.05	9.73	25.64	154.34	308.72	91.49	75.21	16.28	5.620	
3,600.00	3,581.58	3,593.38	3,568.27	9.22	9.90	25.86	157.97	315.53	92.34	75.80	16.54	5.582	
3,650.00	3,631.08	3,643.37	3,617.66	9.38	10.07	26.07	161.60	322.33	93.19	76.38	16.81	5.545	
3,700.00	3,680.57	3,693.36	3,667.06	9.54	10.25	26.28	165.23	329.14	94.04	76.97	17.07	5.509	
3,750.00	3,730.07	3,743.35	3,716.45	9.70	10.42	26.49	168.86	335.94	94.89	77.55	17.34	5.473	
3,800.00	3,779.57	3,793.34	3,765.84	9.86	10.60	26.69	172.48	342.75	95.74	78.14	17.60	5.439	
3,850.00	3,829.06	3,843.34	3,815.24	10.02	10.77	26.89	176.11	349.55	96.60	78.73	17.87	5.406	
3,900.00	3,878.56	3,893.33	3,864.63	10.19	10.94	27.08	179.74	356.36	97.45	79.32	18.14	5.373	
3,950.00	3,928.06	3,943.32	3,914.02	10.35	11.12	27.27	183.37	363.16	98.31	79.90	18.40	5.342	
4,000.00	3,977.55	3,993.31	3,963.42	10.51	11.29	27.46	187.00	369.96	99.16	80.49	18.67	5.311	
4,050.00	4,027.05	4,043.30	4,012.81	10.68	11.47	27.65	190.63	376.77	100.02	81.08	18.94	5.281	
4,100.00	4,076.55	4,093.29	4,062.20	10.84	11.64	27.83	194.26	383.57	100.88	81.67	19.21	5.252	
4,150.00	4,126.04	4,143.29	4,111.60	11.00	11.82	28.01	197.89	390.38	101.74	82.26	19.48	5.223	
4,200.00	4,175.54	4,193.28	4,160.99	11.17	11.99	28.18	201.52	397.18	102.60	82.85	19.75	5.195	
4,250.00	4,225.04	4,243.27	4,210.38	11.33	12.17	28.36	205.15	403.99	103.46	83.44	20.02	5.168	
4,300.00	4,274.53	4,293.26	4,259.77	11.50	12.34	28.53	208.77	410.79	104.33	84.03	20.29	5.141	
4,350.00	4,324.03	4,343.25	4,309.17	11.66	12.52	28.69	212.40	417.59	105.19	84.63	20.57	5.115	
4,400.00	4,373.53	4,393.24	4,358.56	11.83	12.69	28.86	216.03	424.40	106.05	85.22	20.84	5.090	
4,450.00	4,423.02	4,443.24	4,407.95	11.99	12.87	29.02	219.66	431.20	106.92	85.81	21.11	5.065	
4,500.00	4,472.52	4,493.23	4,457.35	12.16	13.05	29.18	223.29	438.01	107.79	86.40	21.38	5.040	
4,550.00	4,522.01	4,543.22	4,506.74	12.32	13.22	29.34	226.92	444.81	108.65	87.00	21.66	5.017	
4,600.00	4,571.51	4,593.21	4,556.13	12.49	13.40	29.49	230.55	451.62	109.52	87.59	21.93	4.994	
4,650.00	4,621.01	4,643.20	4,605.53	12.65	13.57	29.64	234.18	458.42	110.39	88.18	22.21	4.971	
4,700.00	4,670.50	4,693.19	4,654.92	12.82	13.75	29.79	237.81	465.23	111.26	88.78	22.48	4.949	
4,750.00	4,720.00	4,743.18	4,704.31	12.98	13.93	29.94	241.44	472.03	112.13	89.37	22.76	4.927	
4,800.00	4,769.50	4,793.18	4,753.71	13.15	14.10	30.08	245.06	478.83	113.00	89.97	23.03	4.906	
4,850.00	4,818.99	4,843.17	4,803.10	13.31	14.28	30.23	248.69	485.64	113.87	90.56	23.31	4.885	
4,900.00	4,868.49	4,893.16	4,852.49	13.48	14.45	30.37	252.32	492.44	114.75	91.16	23.59	4.865	
4,950.00	4,917.99	4,943.15	4,901.89	13.64	14.63	30.51	255.95	499.25	115.62	91.75	23.87	4.845	
5,000.00	4,967.48	4,993.14	4,951.28	13.81	14.81	30.64	259.58	506.05	116.49	92.35	24.14	4.825	
5,050.00	5,016.98	5,043.13	5,000.67	13.98	14.98	30.78	263.21	512.86	117.37	92.95	24.42	4.806	
5,100.00	5,066.48	5,093.13	5,050.07	14.14	15.16	30.91	266.84	519.66	118.24	93.54	24.70	4.787	
5,150.00	5,115.97	5,143.12	5,099.46	14.31	15.34	31.04	270.47	526.46	119.12	94.14	24.98	4.769	

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



SB Directional Anticollision Report

PRIDE ENERGY COMPANY

Company:	PRIDE ENERGY	Local Co-ordinate Reference:	Well GO STATE COM 102-H
Project:	LEA CO., NM (NAD83)	TVD Reference:	RKB @ 3975.00usft
Reference Site:	SEC 13-T19S-R34E	MD Reference:	RKB @ 3975.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	GO STATE COM 102-H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.50 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Prelim Plan 0	Offset TVD Reference:	Offset Datum

Offset Design: SEC 13-T19S-R34E - GO STATE COM 204-H - Wellbore #1 - Prelim Plan 0												Offset Site Error:	0.00 usft
Survey Program: 0-MWD												Offset Well Error:	0.50 usft
Rule Assigned:												Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,200.00	5,165.47	5,193.11	5,148.85	14.48	15.51	31.17	274.10	533.27	119.99	94.74	25.26	4.751	
5,250.00	5,214.96	5,243.10	5,198.25	14.64	15.69	31.29	277.73	540.07	120.87	95.33	25.54	4.733	
5,300.00	5,264.46	5,293.09	5,247.64	14.81	15.87	31.42	281.35	546.88	121.75	95.93	25.82	4.716	
5,350.00	5,313.96	5,343.08	5,297.03	14.97	16.05	31.54	284.98	553.68	122.63	96.53	26.10	4.699	
5,400.00	5,363.45	5,393.08	5,346.43	15.14	16.22	31.66	288.61	560.49	123.50	97.13	26.38	4.682	
5,450.00	5,412.95	5,443.07	5,395.82	15.31	16.40	31.78	292.24	567.29	124.38	97.72	26.66	4.666	
5,500.00	5,462.45	5,493.06	5,445.21	15.48	16.58	31.90	295.87	574.10	125.26	98.32	26.94	4.650	
5,550.00	5,511.94	5,543.05	5,494.61	15.64	16.75	32.02	299.50	580.90	126.14	98.92	27.22	4.634	
5,600.00	5,561.44	5,593.04	5,544.00	15.81	16.93	32.13	303.13	587.70	127.02	99.52	27.50	4.619	
5,650.00	5,610.94	5,644.51	5,594.89	15.97	17.09	32.29	306.75	594.50	127.74	99.95	27.79	4.597	
5,700.00	5,660.54	5,696.57	5,646.49	16.11	17.25	32.46	310.00	600.58	128.26	100.20	28.06	4.571	
5,750.00	5,710.23	5,748.64	5,698.22	16.23	17.37	32.61	312.80	605.84	128.70	100.42	28.29	4.550	
5,800.00	5,760.02	5,800.71	5,750.05	16.34	17.50	32.74	315.16	610.26	129.08	100.57	28.50	4.528	
5,850.00	5,809.88	5,852.79	5,801.96	16.44	17.60	32.84	317.08	613.85	129.38	100.69	28.70	4.508	
5,900.00	5,859.79	5,904.87	5,853.95	16.54	17.70	32.92	318.55	616.61	129.62	100.73	28.89	4.487	
5,950.00	5,909.75	5,956.96	5,905.99	16.63	17.79	32.98	319.57	618.54	129.78	100.73	29.05	4.468	
6,000.00	5,959.74	6,009.04	5,958.06	16.71	17.87	33.01	320.16	619.63	129.88	100.67	29.20	4.447	
6,050.00	6,009.74	6,060.72	6,009.74	16.78	17.94	89.87	320.30	619.90	129.90	100.55	29.35	4.426	
6,100.00	6,059.74	6,110.72	6,059.74	16.86	18.02	89.87	320.30	619.90	129.90	100.37	29.53	4.399	
6,150.00	6,109.74	6,160.72	6,109.74	16.95	18.10	89.87	320.30	619.90	129.90	100.18	29.72	4.371	
6,200.00	6,159.74	6,210.72	6,159.74	17.03	18.18	89.87	320.30	619.90	129.90	99.99	29.91	4.343	
6,250.00	6,209.74	6,260.72	6,209.74	17.12	18.26	89.87	320.30	619.90	129.90	99.80	30.10	4.315	
6,300.00	6,259.74	6,310.72	6,259.74	17.21	18.34	89.87	320.30	619.90	129.90	99.61	30.30	4.288	
6,350.00	6,309.74	6,360.72	6,309.74	17.29	18.42	89.87	320.30	619.90	129.90	99.41	30.49	4.261	
6,400.00	6,359.74	6,410.72	6,359.74	17.38	18.50	89.87	320.30	619.90	129.90	99.22	30.68	4.234	
6,450.00	6,409.74	6,460.72	6,409.74	17.47	18.58	89.87	320.30	619.90	129.90	99.03	30.87	4.207	
6,500.00	6,459.74	6,510.72	6,459.74	17.56	18.67	89.87	320.30	619.90	129.90	98.83	31.07	4.181	
6,550.00	6,509.74	6,560.72	6,509.74	17.64	18.75	89.87	320.30	619.90	129.90	98.64	31.26	4.155	
6,600.00	6,559.74	6,610.72	6,559.74	17.73	18.83	89.87	320.30	619.90	129.90	98.44	31.46	4.129	
6,650.00	6,609.74	6,660.72	6,609.74	17.82	18.91	89.87	320.30	619.90	129.90	98.25	31.65	4.104	
6,700.00	6,659.74	6,710.72	6,659.74	17.91	19.00	89.87	320.30	619.90	129.90	98.05	31.85	4.079	
6,750.00	6,709.74	6,760.72	6,709.74	18.00	19.08	89.87	320.30	619.90	129.90	97.86	32.04	4.054	
6,800.00	6,759.74	6,810.72	6,759.74	18.09	19.16	89.87	320.30	619.90	129.90	97.66	32.24	4.029	
6,850.00	6,809.74	6,860.72	6,809.74	18.18	19.25	89.87	320.30	619.90	129.90	97.46	32.44	4.005	
6,900.00	6,859.74	6,910.72	6,859.74	18.27	19.33	89.87	320.30	619.90	129.90	97.27	32.63	3.981	
6,950.00	6,909.74	6,960.72	6,909.74	18.36	19.42	89.87	320.30	619.90	129.90	97.07	32.83	3.957	
7,000.00	6,959.74	7,010.72	6,959.74	18.45	19.50	89.87	320.30	619.90	129.90	96.87	33.03	3.933	
7,050.00	7,009.74	7,060.72	7,009.74	18.54	19.59	89.87	320.30	619.90	129.90	96.67	33.23	3.909	
7,100.00	7,059.74	7,110.72	7,059.74	18.63	19.67	89.87	320.30	619.90	129.90	96.47	33.43	3.886	
7,150.00	7,109.74	7,160.72	7,109.74	18.72	19.76	89.87	320.30	619.90	129.90	96.28	33.62	3.863	
7,200.00	7,159.74	7,210.72	7,159.74	18.81	19.85	89.87	320.30	619.90	129.90	96.08	33.82	3.841	
7,250.00	7,209.74	7,260.72	7,209.74	18.90	19.93	89.87	320.30	619.90	129.90	95.88	34.02	3.818	
7,300.00	7,259.74	7,310.72	7,259.74	19.00	20.02	89.87	320.30	619.90	129.90	95.68	34.22	3.796	
7,350.00	7,309.74	7,360.72	7,309.74	19.09	20.11	89.87	320.30	619.90	129.90	95.48	34.42	3.774	
7,400.00	7,359.74	7,410.72	7,359.74	19.18	20.19	89.87	320.30	619.90	129.90	95.28	34.62	3.752	
7,450.00	7,409.74	7,460.72	7,409.74	19.27	20.28	89.87	320.30	619.90	129.90	95.08	34.82	3.730	
7,500.00	7,459.74	7,510.72	7,459.74	19.36	20.37	89.87	320.30	619.90	129.90	94.88	35.02	3.709	
7,550.00	7,509.74	7,560.72	7,509.74	19.46	20.46	89.87	320.30	619.90	129.90	94.67	35.23	3.688	
7,600.00	7,559.74	7,610.72	7,559.74	19.55	20.54	89.87	320.30	619.90	129.90	94.47	35.43	3.667	
7,650.00	7,609.74	7,660.72	7,609.74	19.64	20.63	89.87	320.30	619.90	129.90	94.27	35.63	3.646	
7,700.00	7,659.74	7,710.72	7,659.74	19.74	20.72	89.87	320.30	619.90	129.90	94.07	35.83	3.625	
7,750.00	7,709.74	7,760.72	7,709.74	19.83	20.81	89.87	320.30	619.90	129.90	93.87	36.03	3.605	

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



SB Directional Anticollision Report

PRIDE ENERGY COMPANY

Company:	PRIDE ENERGY	Local Co-ordinate Reference:	Well GO STATE COM 102-H
Project:	LEA CO., NM (NAD83)	TVD Reference:	RKB @ 3975.00usft
Reference Site:	SEC 13-T19S-R34E	MD Reference:	RKB @ 3975.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	GO STATE COM 102-H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.50 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Prelim Plan 0	Offset TVD Reference:	Offset Datum

Offset Design: SEC 13-T19S-R34E - GO STATE COM 204-H - Wellbore #1 - Prelim Plan 0													Offset Site Error: 0.00 usft
Survey Program: 0-MWD													Offset Well Error: 0.50 usft
Rule Assigned:													
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
7,800.00	7,759.74	7,810.72	7,759.74	19.92	20.90	89.87	320.30	619.90	129.90	93.67	36.24	3.585	
7,850.00	7,809.74	7,860.72	7,809.74	20.02	20.99	89.87	320.30	619.90	129.90	93.46	36.44	3.565	
7,900.00	7,859.74	7,910.72	7,859.74	20.11	21.08	89.87	320.30	619.90	129.90	93.26	36.64	3.545	
7,950.00	7,909.74	7,960.72	7,909.74	20.21	21.17	89.87	320.30	619.90	129.90	93.06	36.84	3.526	
8,000.00	7,959.74	8,010.72	7,959.74	20.30	21.26	89.87	320.30	619.90	129.90	92.85	37.05	3.506	
8,050.00	8,009.74	8,060.72	8,009.74	20.40	21.35	89.87	320.30	619.90	129.90	92.65	37.25	3.487	
8,100.00	8,059.74	8,110.72	8,059.74	20.49	21.44	89.87	320.30	619.90	129.90	92.44	37.46	3.468	
8,150.00	8,109.74	8,160.72	8,109.74	20.59	21.53	89.87	320.30	619.90	129.90	92.24	37.66	3.449	
8,200.00	8,159.74	8,210.72	8,159.74	20.68	21.62	89.87	320.30	619.90	129.90	92.04	37.86	3.431	
8,250.00	8,209.74	8,260.72	8,209.74	20.78	21.71	89.87	320.30	619.90	129.90	91.83	38.07	3.412	
8,300.00	8,259.74	8,310.72	8,259.74	20.87	21.80	89.87	320.30	619.90	129.90	91.63	38.27	3.394	
8,350.00	8,309.74	8,360.72	8,309.74	20.97	21.89	89.87	320.30	619.90	129.90	91.42	38.48	3.376	
8,400.00	8,359.74	8,410.72	8,359.74	21.06	21.98	89.87	320.30	619.90	129.90	91.22	38.69	3.358	
8,450.00	8,409.74	8,460.72	8,409.74	21.16	22.08	89.87	320.30	619.90	129.90	91.01	38.89	3.340	
8,500.00	8,459.74	8,510.72	8,459.74	21.26	22.17	89.87	320.30	619.90	129.90	90.80	39.10	3.323	
8,550.00	8,509.74	8,560.72	8,509.74	21.35	22.26	89.87	320.30	619.90	129.90	90.60	39.30	3.305	
8,600.00	8,559.74	8,610.72	8,559.74	21.45	22.35	89.87	320.30	619.90	129.90	90.39	39.51	3.288	
8,650.00	8,609.74	8,660.72	8,609.74	21.55	22.45	89.87	320.30	619.90	129.90	90.18	39.72	3.271	
8,700.00	8,659.74	8,710.72	8,659.74	21.64	22.54	89.87	320.30	619.90	129.90	89.98	39.92	3.254	
8,750.00	8,709.74	8,760.72	8,709.74	21.74	22.63	89.87	320.30	619.90	129.90	89.77	40.13	3.237	
8,800.00	8,759.74	8,810.72	8,759.74	21.84	22.72	89.87	320.30	619.90	129.90	89.56	40.34	3.220	
8,850.00	8,809.74	8,860.72	8,809.74	21.94	22.82	89.87	320.30	619.90	129.90	89.36	40.54	3.204	
8,900.00	8,859.74	8,910.72	8,859.74	22.03	22.91	89.87	320.30	619.90	129.90	89.15	40.75	3.188	
8,950.00	8,909.74	8,960.72	8,909.74	22.13	23.00	89.87	320.30	619.90	129.90	88.94	40.96	3.172	
9,000.00	8,959.74	9,010.72	8,959.74	22.23	23.10	89.87	320.30	619.90	129.90	88.73	41.17	3.156	
9,050.00	9,009.74	9,060.72	9,009.74	22.33	23.19	89.87	320.30	619.90	129.90	88.53	41.37	3.140	
9,100.00	9,059.74	9,110.72	9,059.74	22.42	23.29	89.87	320.30	619.90	129.90	88.32	41.58	3.124	
9,150.00	9,109.74	9,160.72	9,109.74	22.52	23.38	89.87	320.30	619.90	129.90	88.11	41.79	3.108	
9,200.00	9,159.74	9,210.72	9,159.74	22.62	23.47	89.87	320.30	619.90	129.90	87.90	42.00	3.093	
9,250.00	9,209.74	9,260.72	9,209.74	22.72	23.57	89.87	320.30	619.90	129.90	87.69	42.21	3.078	
9,300.00	9,259.73	9,310.72	9,259.73	22.81	23.66	-89.89	320.30	619.90	129.90	87.50	42.40	3.064	
9,305.29	9,265.02	9,316.01	9,265.02	22.82	23.67	-90.00	320.30	619.90	129.90	87.49	42.41	3.063 SF	
9,350.00	9,309.49	9,360.48	9,309.49	22.87	23.76	-91.93	320.30	619.90	129.97	87.56	42.41	3.065	
9,400.00	9,358.49	9,409.47	9,358.49	22.92	23.85	-96.08	320.30	619.90	130.68	88.41	42.27	3.092	
9,450.00	9,406.18	9,457.17	9,406.18	22.94	23.94	-101.90	320.30	619.90	133.14	91.08	42.06	3.165	
9,500.00	9,452.06	9,503.05	9,452.06	22.96	24.03	-108.68	320.30	619.90	138.84	96.88	41.96	3.309	
9,550.00	9,495.62	9,546.60	9,495.62	22.95	24.11	-115.55	320.30	619.90	149.27	107.17	42.10	3.545	
9,600.00	9,536.37	9,587.36	9,536.37	22.94	24.19	-121.73	320.30	619.90	165.44	122.92	42.52	3.891	
9,650.00	9,573.88	9,624.86	9,573.88	22.92	24.26	-126.71	320.30	619.90	187.70	144.57	43.13	4.352	
9,700.00	9,607.73	9,658.71	9,607.73	22.89	24.33	-130.23	320.30	619.90	215.75	171.95	43.79	4.927	
9,750.00	9,637.55	9,688.53	9,637.55	22.87	24.38	-132.16	320.30	619.90	248.94	204.53	44.41	5.606	
9,800.00	9,663.01	9,713.99	9,663.01	22.85	24.43	-132.36	320.30	619.90	286.51	241.57	44.94	6.375	
9,850.00	9,683.84	9,734.82	9,683.84	22.84	24.47	-130.48	320.30	619.90	327.65	282.27	45.38	7.221	
9,900.00	9,699.81	9,750.79	9,699.81	22.84	24.50	-125.84	320.30	619.90	371.60	325.87	45.73	8.126	
9,950.00	9,710.73	9,761.72	9,710.73	22.87	24.52	-117.08	320.30	619.90	417.64	371.63	46.01	9.078	
10,000.00	9,716.51	9,767.49	9,716.51	22.92	24.54	-102.28	320.30	619.90	465.07	418.85	46.22	10.061	
10,050.00	9,718.11	9,769.09	9,718.11	23.01	24.54	-95.45	320.30	619.90	513.25	466.86	46.39	11.064	
10,100.00	9,719.35	9,770.34	9,719.35	23.15	24.54	-95.99	320.30	619.90	561.75	515.21	46.53	12.072	
10,150.00	9,720.60	9,771.59	9,720.60	23.32	24.54	-96.54	320.30	619.90	610.48	563.84	46.65	13.088	
10,200.00	9,721.85	9,772.84	9,721.85	23.54	24.55	-97.08	320.30	619.90	659.41	612.66	46.75	14.106	
10,250.00	9,723.10	9,774.08	9,723.10	23.80	24.55	-97.62	320.30	619.90	708.48	661.65	46.83	15.128	
10,300.00	9,724.35	10,999.66	10,431.81	24.09	26.06	-169.60	-407.98	625.27	719.52	688.99	30.53	23.567	

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



SB Directional Anticollision Report

PRIDE ENERGY COMPANY

Company:	PRIDE ENERGY	Local Co-ordinate Reference:	Well GO STATE COM 102-H
Project:	LEA CO., NM (NAD83)	TVD Reference:	RKB @ 3975.00usft
Reference Site:	SEC 13-T19S-R34E	MD Reference:	RKB @ 3975.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	GO STATE COM 102-H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.50 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Prelim Plan 0	Offset TVD Reference:	Offset Datum

Offset Design: SEC 13-T19S-R34E - GO STATE COM 204-H - Wellbore #1 - Prelim Plan 0													Offset Site Error: 0.00 usft
Survey Program: 0-MWD													Offset Well Error: 0.50 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)			
10,350.00	9,725.59	11,049.66	10,433.09	24.43	26.34	-169.60	-457.97	625.64	719.55	688.75	30.80	23.362	
10,400.00	9,726.84	11,099.66	10,434.37	24.79	26.65	-169.60	-507.95	626.00	719.59	688.52	31.07	23.161	
10,450.00	9,728.09	11,149.66	10,435.66	25.19	27.00	-169.60	-557.93	626.37	719.62	688.25	31.37	22.937	
10,500.00	9,729.34	11,199.66	10,436.94	25.61	27.36	-169.60	-607.91	626.74	719.66	687.98	31.68	22.718	
10,550.00	9,730.58	11,249.66	10,438.22	26.06	27.77	-169.60	-657.89	627.11	719.69	687.68	32.02	22.479	
10,600.00	9,731.83	11,299.66	10,439.51	26.53	28.19	-169.60	-707.88	627.48	719.73	687.37	32.35	22.245	
10,650.00	9,733.08	11,349.66	10,440.79	27.03	28.64	-169.60	-757.86	627.85	719.76	687.04	32.72	21.996	
10,700.00	9,734.33	11,399.66	10,442.07	27.54	29.11	-169.60	-807.84	628.21	719.79	686.70	33.09	21.751	
10,750.00	9,735.58	11,449.66	10,443.35	28.09	29.61	-169.60	-857.82	628.58	719.83	686.34	33.49	21.494	
10,800.00	9,736.82	11,499.66	10,444.64	28.64	30.12	-169.60	-907.81	628.95	719.86	685.98	33.89	21.243	
10,850.00	9,738.07	11,549.66	10,445.92	29.23	30.66	-169.60	-957.79	629.32	719.90	685.59	34.31	20.981	
10,900.00	9,739.32	11,599.66	10,447.20	29.82	31.21	-169.60	-1,007.77	629.69	719.93	685.19	34.74	20.725	
10,950.00	9,740.57	11,649.66	10,448.48	30.43	31.79	-169.61	-1,057.75	630.06	719.97	684.78	35.19	20.461	
11,000.00	9,741.81	11,699.66	10,449.77	31.05	32.37	-169.61	-1,107.73	630.42	720.00	684.36	35.64	20.203	
11,050.00	9,743.06	11,749.66	10,451.05	31.70	32.97	-169.61	-1,157.72	630.79	720.04	683.92	36.11	19.939	
11,100.00	9,744.31	11,799.66	10,452.33	32.34	33.59	-169.61	-1,207.70	631.16	720.07	683.48	36.59	19.682	
11,150.00	9,745.56	11,849.66	10,453.61	33.01	34.22	-169.61	-1,257.68	631.53	720.10	683.02	37.08	19.420	
11,200.00	9,746.81	11,899.66	10,454.90	33.69	34.86	-169.61	-1,307.66	631.90	720.14	682.56	37.58	19.165	
11,250.00	9,748.05	11,949.66	10,456.18	34.38	35.52	-169.61	-1,357.64	632.27	720.17	682.08	38.09	18.907	
11,300.00	9,749.30	11,999.66	10,457.46	35.07	36.18	-169.61	-1,407.63	632.63	720.21	681.60	38.60	18.656	
11,350.00	9,750.55	12,049.66	10,458.75	35.78	36.86	-169.61	-1,457.61	633.00	720.24	681.10	39.14	18.403	
11,400.00	9,751.80	12,099.66	10,460.03	36.50	37.54	-169.61	-1,507.59	633.37	720.28	680.60	39.67	18.156	
11,450.00	9,753.04	12,149.66	10,461.31	37.23	38.24	-169.61	-1,557.57	633.74	720.31	680.09	40.22	17.909	
11,500.00	9,754.29	12,199.66	10,462.59	37.96	38.94	-169.61	-1,607.56	634.11	720.34	679.57	40.77	17.668	
11,550.00	9,755.54	12,249.66	10,463.88	38.70	39.66	-169.61	-1,657.54	634.48	720.38	679.04	41.34	17.427	
11,600.00	9,756.79	12,299.66	10,465.16	39.45	40.38	-169.61	-1,707.52	634.84	720.41	678.51	41.90	17.193	
11,650.00	9,758.04	12,349.66	10,466.44	40.21	41.11	-169.61	-1,757.50	635.21	720.45	677.97	42.48	16.959	
11,700.00	9,759.28	12,399.66	10,467.72	40.97	41.85	-169.61	-1,807.48	635.58	720.48	677.42	43.06	16.731	
11,750.00	9,760.53	12,449.66	10,469.01	41.74	42.60	-169.61	-1,857.47	635.95	720.52	676.86	43.65	16.505	
11,800.00	9,761.78	12,499.66	10,470.29	42.51	43.34	-169.61	-1,907.45	636.32	720.55	676.30	44.25	16.284	
11,850.00	9,763.03	12,549.66	10,471.57	43.30	44.10	-169.61	-1,957.43	636.69	720.58	675.73	44.85	16.066	
11,900.00	9,764.27	12,599.66	10,472.85	44.08	44.86	-169.61	-2,007.41	637.06	720.62	675.16	45.46	15.852	
11,950.00	9,765.52	12,649.66	10,474.14	44.87	45.64	-169.62	-2,057.40	637.42	720.65	674.58	46.07	15.641	
12,000.00	9,766.77	12,699.66	10,475.42	45.66	46.41	-169.62	-2,107.38	637.79	720.69	674.00	46.69	15.435	
12,050.00	9,768.02	12,749.66	10,476.70	46.47	47.19	-169.62	-2,157.36	638.16	720.72	673.40	47.32	15.232	
12,100.00	9,769.27	12,799.66	10,477.99	47.27	47.97	-169.62	-2,207.34	638.53	720.76	672.81	47.94	15.033	
12,150.00	9,770.51	12,849.66	10,479.27	48.08	48.76	-169.62	-2,257.32	638.90	720.79	672.21	48.58	14.837	
12,200.00	9,771.76	12,899.66	10,480.55	48.89	49.55	-169.62	-2,307.31	639.27	720.82	671.61	49.22	14.646	
12,250.00	9,773.01	12,949.66	10,481.83	49.70	50.35	-169.62	-2,357.29	639.63	720.86	671.00	49.86	14.457	
12,300.00	9,774.26	12,999.66	10,483.12	50.52	51.15	-169.62	-2,407.27	640.00	720.89	670.39	50.51	14.273	
12,350.00	9,775.50	13,049.66	10,484.40	51.34	51.96	-169.62	-2,457.25	640.37	720.93	669.77	51.16	14.092	
12,400.00	9,776.75	13,099.66	10,485.68	52.17	52.76	-169.62	-2,507.23	640.74	720.96	669.15	51.81	13.915	
12,450.00	9,778.00	13,149.66	10,486.96	53.00	53.58	-169.62	-2,557.22	641.11	721.00	668.52	52.47	13.740	
12,500.00	9,779.25	13,199.66	10,488.25	53.83	54.39	-169.62	-2,607.20	641.48	721.03	667.90	53.13	13.570	
12,550.00	9,780.50	13,249.66	10,489.53	54.66	55.21	-169.62	-2,657.18	641.84	721.07	667.26	53.80	13.402	
12,600.00	9,781.74	13,299.66	10,490.81	55.50	56.03	-169.62	-2,707.16	642.21	721.10	666.63	54.47	13.239	
12,650.00	9,782.99	13,349.66	10,492.10	56.34	56.86	-169.62	-2,757.15	642.58	721.13	665.99	55.14	13.077	
12,700.00	9,784.24	13,399.66	10,493.38	57.18	57.68	-169.62	-2,807.13	642.95	721.17	665.35	55.82	12.920	
12,750.00	9,785.49	13,449.66	10,494.66	58.02	58.52	-169.62	-2,857.11	643.32	721.20	664.70	56.50	12.765	
12,800.00	9,786.73	13,499.66	10,495.94	58.87	59.35	-169.62	-2,907.09	643.69	721.24	664.06	57.18	12.614	
12,850.00	9,787.98	13,549.66	10,497.23	59.71	60.18	-169.62	-2,957.07	644.05	721.27	663.41	57.86	12.465	
12,900.00	9,789.23	13,599.66	10,498.51	60.56	61.02	-169.62	-3,007.06	644.42	721.31	662.75	58.55	12.319	

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



SB Directional Anticollision Report

PRIDE ENERGY COMPANY

Company:	PRIDE ENERGY	Local Co-ordinate Reference:	Well GO STATE COM 102-H
Project:	LEA CO., NM (NAD83)	TVD Reference:	RKB @ 3975.00usft
Reference Site:	SEC 13-T19S-R34E	MD Reference:	RKB @ 3975.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	GO STATE COM 102-H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.50 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Prelim Plan 0	Offset TVD Reference:	Offset Datum

Offset Design: SEC 13-T19S-R34E - GO STATE COM 204-H - Wellbore #1 - Prelim Plan 0												Offset Site Error:	0.00 usft
Survey Program: 0-MWD												Offset Well Error:	0.50 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	
12,950.00	9,790.48	13,649.66	10,499.79	61.42	61.86	-169.63	-3,057.04	644.79	721.34	662.10	59.24	12.176	
13,000.00	9,791.73	13,699.66	10,501.07	62.27	62.70	-169.63	-3,107.02	645.16	721.37	661.44	59.93	12.036	
13,050.00	9,792.97	13,749.66	10,502.36	63.12	63.54	-169.63	-3,157.00	645.53	721.41	660.78	60.63	11.899	
13,100.00	9,794.22	13,799.66	10,503.64	63.98	64.39	-169.63	-3,206.99	645.90	721.44	660.12	61.33	11.764	
13,150.00	9,795.47	13,849.66	10,504.92	64.84	65.24	-169.63	-3,256.97	646.26	721.48	659.45	62.03	11.632	
13,200.00	9,796.72	13,899.66	10,506.20	65.70	66.09	-169.63	-3,306.95	646.63	721.51	658.79	62.73	11.502	
13,250.00	9,797.96	13,949.66	10,507.49	66.56	66.94	-169.63	-3,356.93	647.00	721.55	658.11	63.43	11.375	
13,300.00	9,799.21	13,999.66	10,508.77	67.42	67.79	-169.63	-3,406.91	647.37	721.58	657.44	64.14	11.251	
13,350.00	9,800.46	14,049.66	10,510.05	68.29	68.64	-169.63	-3,456.90	647.74	721.61	656.77	64.85	11.128	
13,400.00	9,801.71	14,099.66	10,511.34	69.15	69.50	-169.63	-3,506.88	648.11	721.65	656.10	65.55	11.008	
13,450.00	9,802.96	14,149.66	10,512.62	70.02	70.36	-169.63	-3,556.86	648.47	721.68	655.42	66.27	10.891	
13,500.00	9,804.20	14,199.66	10,513.90	70.89	71.22	-169.63	-3,606.84	648.84	721.72	654.74	66.98	10.775	
13,550.00	9,805.45	14,249.66	10,515.18	71.76	72.08	-169.63	-3,656.82	649.21	721.75	654.06	67.70	10.662	
13,600.00	9,806.70	14,299.66	10,516.47	72.63	72.94	-169.63	-3,706.81	649.58	721.79	653.38	68.41	10.551	
13,650.00	9,807.95	14,349.66	10,517.75	73.50	73.80	-169.63	-3,756.79	649.95	721.82	652.69	69.13	10.441	
13,700.00	9,809.19	14,399.66	10,519.03	74.37	74.67	-169.63	-3,806.77	650.32	721.86	652.01	69.85	10.334	
13,750.00	9,810.44	14,449.66	10,520.31	75.25	75.53	-169.63	-3,856.75	650.68	721.89	651.32	70.57	10.229	
13,800.00	9,811.69	14,499.66	10,521.60	76.12	76.40	-169.63	-3,906.74	651.05	721.92	650.63	71.29	10.126	
13,850.00	9,812.94	14,549.66	10,522.88	77.00	77.27	-169.63	-3,956.72	651.42	721.96	649.94	72.02	10.024	
13,900.00	9,814.19	14,599.66	10,524.16	77.87	78.14	-169.63	-4,006.70	651.79	721.99	649.25	72.75	9.925	
13,950.00	9,815.43	14,649.66	10,525.44	78.75	79.01	-169.64	-4,056.68	652.16	722.03	648.55	73.47	9.827	
14,000.00	9,816.68	14,699.66	10,526.73	79.63	79.88	-169.64	-4,106.66	652.53	722.06	647.86	74.20	9.731	
14,050.00	9,817.93	14,749.66	10,528.01	80.51	80.75	-169.64	-4,156.65	652.89	722.10	647.16	74.93	9.637	
14,100.00	9,819.18	14,799.66	10,529.29	81.39	81.62	-169.64	-4,206.63	653.26	722.13	646.47	75.66	9.544	
14,150.00	9,820.42	14,849.66	10,530.58	82.27	82.50	-169.64	-4,256.61	653.63	722.16	645.77	76.40	9.453	
14,200.00	9,821.67	14,899.66	10,531.86	83.15	83.37	-169.64	-4,306.59	654.00	722.20	645.07	77.13	9.364	
14,250.00	9,822.92	14,949.66	10,533.14	84.03	84.25	-169.64	-4,356.58	654.37	722.23	644.37	77.86	9.276	
14,300.00	9,824.17	14,999.66	10,534.42	84.92	85.12	-169.64	-4,406.56	654.74	722.27	643.67	78.60	9.189	
14,350.00	9,825.42	15,049.66	10,535.71	85.80	86.00	-169.64	-4,456.54	655.11	722.30	642.97	79.34	9.104	
14,400.00	9,826.66	15,099.66	10,536.99	86.68	86.88	-169.64	-4,506.52	655.47	722.34	642.26	80.07	9.021	
14,450.00	9,827.91	15,149.66	10,538.27	87.57	87.76	-169.64	-4,556.50	655.84	722.37	641.56	80.81	8.939	
14,500.00	9,829.16	15,199.66	10,539.55	88.46	88.64	-169.64	-4,606.49	656.21	722.40	640.85	81.55	8.858	
14,550.00	9,830.41	15,249.66	10,540.84	89.34	89.52	-169.64	-4,656.47	656.58	722.44	640.14	82.29	8.779	
14,600.00	9,831.65	15,299.66	10,542.12	90.23	90.40	-169.64	-4,706.45	656.95	722.47	639.44	83.04	8.701	
14,650.00	9,832.90	15,349.66	10,543.40	91.12	91.28	-169.64	-4,756.43	657.32	722.51	638.73	83.78	8.624	
14,700.00	9,834.15	15,399.66	10,544.68	92.00	92.16	-169.64	-4,806.41	657.68	722.54	638.02	84.52	8.549	
14,747.71	9,835.34	15,447.37	10,545.91	92.85	93.01	-169.64	-4,854.11	658.04	722.58	637.34	85.23	8.478	



SB Directional Anticollision Report

PRIDE ENERGY COMPANY

Company:	PRIDE ENERGY	Local Co-ordinate Reference:	Well GO STATE COM 102-H
Project:	LEA CO., NM (NAD83)	TVD Reference:	RKB @ 3975.00usft
Reference Site:	SEC 13-T19S-R34E	MD Reference:	RKB @ 3975.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	GO STATE COM 102-H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.50 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Prelim Plan 0	Offset TVD Reference:	Offset Datum

Offset Design: SEC 13-T19S-R34E - GO STATE COM 305-H - Wellbore #1 - Prelim Plan 0												Offset Site Error:	0.00 usft
Survey Program: 0-MWD												Offset Well Error:	0.50 usft
Reference	Offset	Semi Major Axis	Highside	Offset Wellbore Centre	Distance	Rule Assigned:							
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	Warning
0.00	0.00	1.00	1.00	0.50	0.50	-90.50	-0.70	-80.00	80.00				
50.00	50.00	51.00	51.00	0.50	0.50	-90.50	-0.70	-80.00	80.00	79.00	1.00	79.793	
100.00	100.00	101.00	101.00	0.51	0.51	-90.50	-0.70	-80.00	80.00	78.99	1.01	78.861	
150.00	150.00	151.00	151.00	0.54	0.54	-90.50	-0.70	-80.00	80.00	78.93	1.08	74.393	
200.00	200.00	201.00	201.00	0.59	0.59	-90.50	-0.70	-80.00	80.00	78.83	1.18	67.984	
250.00	250.00	251.00	251.00	0.65	0.66	-90.50	-0.70	-80.00	80.00	78.69	1.31	61.104	
300.00	300.00	301.00	301.00	0.73	0.73	-90.50	-0.70	-80.00	80.00	78.54	1.46	54.630	
350.00	350.00	351.00	351.00	0.82	0.82	-90.50	-0.70	-80.00	80.00	78.37	1.64	48.905	
400.00	400.00	401.00	401.00	0.91	0.91	-90.50	-0.70	-80.00	80.00	78.18	1.82	43.983	
450.00	450.00	451.00	451.00	1.00	1.01	-90.50	-0.70	-80.00	80.00	77.99	2.01	39.792	
500.00	500.00	501.00	501.00	1.10	1.11	-90.50	-0.70	-80.00	80.00	77.79	2.21	36.228	
550.00	550.00	551.00	551.00	1.20	1.21	-90.50	-0.70	-80.00	80.00	77.59	2.41	33.184	
600.00	600.00	601.00	601.00	1.31	1.31	-90.50	-0.70	-80.00	80.00	77.39	2.62	30.570	
650.00	650.00	651.00	651.00	1.41	1.41	-90.50	-0.70	-80.00	80.00	77.18	2.83	28.309	
700.00	700.00	701.00	701.00	1.52	1.52	-90.50	-0.70	-80.00	80.00	76.97	3.04	26.340	
750.00	750.00	751.00	751.00	1.62	1.63	-90.50	-0.70	-80.00	80.00	76.75	3.25	24.613	
800.00	800.00	801.00	801.00	1.73	1.73	-90.50	-0.70	-80.00	80.00	76.54	3.46	23.089	
850.00	850.00	851.00	851.00	1.84	1.84	-90.50	-0.70	-80.00	80.00	76.32	3.68	21.735	
900.00	900.00	901.00	901.00	1.95	1.95	-90.50	-0.70	-80.00	80.00	76.11	3.90	20.527	
950.00	950.00	951.00	951.00	2.06	2.06	-90.50	-0.70	-80.00	80.00	75.89	4.12	19.441	
1,000.00	1,000.00	1,001.00	1,001.00	2.17	2.17	-90.50	-0.70	-80.00	80.00	75.67	4.33	18.461	
1,050.00	1,050.00	1,051.00	1,051.00	2.28	2.28	-90.50	-0.70	-80.00	80.00	75.45	4.55	17.573	
1,100.00	1,100.00	1,101.00	1,101.00	2.38	2.39	-90.50	-0.70	-80.00	80.00	75.23	4.77	16.765	
1,150.00	1,150.00	1,151.00	1,151.00	2.49	2.50	-90.50	-0.70	-80.00	80.00	75.01	4.99	16.026	
1,157.99	1,157.99	1,158.99	1,158.99	2.51	2.51	-90.50	-0.70	-80.00	80.00	74.98	5.03	15.914 CC	
1,200.00	1,200.00	1,200.00	1,200.00	2.61	2.61	-90.50	-0.70	-80.00	80.01	74.80	5.21	15.356 ES	
1,250.00	1,250.00	1,249.69	1,249.69	2.72	2.71	-90.39	-0.55	-80.41	80.42	74.99	5.43	14.822	
1,300.00	1,300.00	1,298.39	1,298.37	2.83	2.81	-90.09	-0.13	-81.59	81.63	75.99	5.64	14.478	
1,350.00	1,350.00	1,347.02	1,346.95	2.94	2.92	-89.60	0.58	-83.55	83.65	77.80	5.85	14.306	
1,400.00	1,400.00	1,395.57	1,395.42	3.05	3.02	-88.96	1.57	-86.27	86.47	80.42	6.05	14.284 SF	
1,450.00	1,450.00	1,444.01	1,443.71	3.16	3.12	-88.19	2.83	-89.77	90.11	83.84	6.26	14.392	
1,500.00	1,500.00	1,492.30	1,491.80	3.27	3.23	-87.34	4.37	-94.01	94.56	88.09	6.47	14.624	
1,550.00	1,550.00	1,540.40	1,539.60	3.38	3.34	-143.36	6.18	-98.99	100.19	93.52	6.67	15.023	
1,600.00	1,599.98	1,588.22	1,587.03	3.49	3.46	-142.75	8.24	-104.70	107.32	100.45	6.87	15.620	
1,650.00	1,649.93	1,635.69	1,634.01	3.59	3.58	-142.34	10.56	-111.09	115.93	108.86	7.07	16.396	
1,700.00	1,699.84	1,682.75	1,680.46	3.70	3.70	-142.10	13.11	-118.15	126.00	118.73	7.27	17.334	
1,750.00	1,749.68	1,729.34	1,726.33	3.81	3.83	-141.98	15.90	-125.85	137.52	130.05	7.47	18.413	
1,800.00	1,799.45	1,775.40	1,771.54	3.92	3.97	-141.97	18.90	-134.15	150.46	142.79	7.67	19.625	
1,850.00	1,849.13	1,820.89	1,816.04	4.04	4.11	-142.02	22.11	-143.02	164.80	156.93	7.86	20.954	
1,900.00	1,898.70	1,867.50	1,861.52	4.16	4.26	-142.15	25.59	-152.64	180.37	172.30	8.08	22.327	
1,950.00	1,948.20	1,914.85	1,907.70	4.28	4.42	-142.51	29.15	-162.45	196.41	188.11	8.30	23.657	
2,000.00	1,997.70	1,962.19	1,953.87	4.40	4.59	-142.83	32.70	-172.26	212.46	203.93	8.53	24.913	
2,050.00	2,047.19	2,009.53	2,000.05	4.53	4.76	-143.11	36.25	-182.07	228.51	219.76	8.75	26.104	
2,100.00	2,096.69	2,056.87	2,046.23	4.66	4.94	-143.35	39.80	-191.88	244.57	235.59	8.98	27.231	
2,150.00	2,146.19	2,104.21	2,092.41	4.80	5.12	-143.57	43.35	-201.69	260.63	251.42	9.21	28.297	
2,200.00	2,195.68	2,151.55	2,138.58	4.93	5.30	-143.76	46.90	-211.50	276.70	267.26	9.44	29.301	
2,250.00	2,245.18	2,198.90	2,184.76	5.07	5.49	-143.92	50.45	-221.32	292.77	283.09	9.68	30.247	
2,300.00	2,294.67	2,246.24	2,230.94	5.21	5.68	-144.07	54.01	-231.13	308.84	298.92	9.92	31.146	
2,350.00	2,344.17	2,293.58	2,277.11	5.36	5.87	-144.21	57.56	-240.94	324.91	314.75	10.16	31.994	
2,400.00	2,393.67	2,340.92	2,323.29	5.50	6.06	-144.33	61.11	-250.75	340.98	330.58	10.40	32.801	
2,450.00	2,443.16	2,388.26	2,369.47	5.64	6.25	-144.44	64.66	-260.56	357.05	346.42	10.64	33.564	
2,500.00	2,492.66	2,435.60	2,415.65	5.79	6.45	-144.54	68.21	-270.37	373.13	362.25	10.88	34.291	

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



SB Directional Anticollision Report

PRIDE ENERGY COMPANY

Company:	PRIDE ENERGY	Local Co-ordinate Reference:	Well GO STATE COM 102-H
Project:	LEA CO., NM (NAD83)	TVD Reference:	RKB @ 3975.00usft
Reference Site:	SEC 13-T19S-R34E	MD Reference:	RKB @ 3975.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	GO STATE COM 102-H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.50 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Prelim Plan 0	Offset TVD Reference:	Offset Datum

Offset Design: SEC 13-T19S-R34E - GO STATE COM 305-H - Wellbore #1 - Prelim Plan 0													Offset Site Error: 0.00 usft
Survey Program: 0-MWD													Offset Well Error: 0.50 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)			
2,550.00	2,542.16	2,482.94	2,461.82	5.94	6.65	-144.64	71.76	-280.18	389.20	378.08	11.13	34.980	
2,600.00	2,591.65	2,530.29	2,508.00	6.09	6.85	-144.72	75.32	-289.99	405.28	393.91	11.37	35.636	
2,650.00	2,641.15	2,577.63	2,554.18	6.24	7.05	-144.80	78.87	-299.80	421.36	409.74	11.62	36.259	
2,700.00	2,690.65	2,624.97	2,600.36	6.39	7.25	-144.88	82.42	-309.61	437.44	425.57	11.87	36.855	
2,750.00	2,740.14	2,672.31	2,646.53	6.54	7.45	-144.95	85.97	-319.42	453.52	441.40	12.12	37.421	
2,800.00	2,789.64	2,719.65	2,692.71	6.69	7.66	-145.01	89.52	-329.24	469.59	457.23	12.37	37.963	
2,850.00	2,839.14	2,766.99	2,738.89	6.84	7.86	-145.07	93.07	-339.05	485.67	473.05	12.62	38.478	
2,900.00	2,888.63	2,814.33	2,785.07	7.00	8.07	-145.13	96.62	-348.86	501.76	488.88	12.87	38.973	
2,950.00	2,938.13	2,861.68	2,831.24	7.15	8.27	-145.18	100.18	-358.67	517.84	504.71	13.13	39.444	
3,000.00	2,987.62	2,909.02	2,877.42	7.31	8.48	-145.23	103.73	-368.48	533.92	520.53	13.38	39.896	
3,050.00	3,037.12	2,956.36	2,923.60	7.47	8.69	-145.27	107.28	-378.29	550.00	536.36	13.64	40.328	
3,100.00	3,086.62	3,003.70	2,969.78	7.62	8.90	-145.32	110.83	-388.10	566.08	552.19	13.89	40.743	
3,150.00	3,136.11	3,051.04	3,015.95	7.78	9.10	-145.36	114.38	-397.91	582.16	568.01	14.15	41.140	
3,200.00	3,185.61	3,098.38	3,062.13	7.94	9.31	-145.40	117.93	-407.72	598.24	583.84	14.41	41.522	
3,250.00	3,235.11	3,145.73	3,108.31	8.10	9.52	-145.43	121.48	-417.53	614.33	599.66	14.67	41.888	
3,300.00	3,284.60	3,193.07	3,154.49	8.25	9.74	-145.47	125.04	-427.35	630.41	615.48	14.92	42.241	
3,350.00	3,334.10	3,240.41	3,200.66	8.41	9.95	-145.50	128.59	-437.16	646.49	631.31	15.18	42.579	
3,400.00	3,383.60	3,287.75	3,246.84	8.57	10.16	-145.53	132.14	-446.97	662.58	647.13	15.44	42.905	
3,450.00	3,433.09	3,335.09	3,293.02	8.73	10.37	-145.56	135.69	-456.78	678.66	662.96	15.70	43.218	
3,500.00	3,482.59	3,382.43	3,339.19	8.89	10.58	-145.59	139.24	-466.59	694.74	678.78	15.96	43.521	
3,550.00	3,532.09	3,429.77	3,385.37	9.05	10.79	-145.62	142.79	-476.40	710.83	694.60	16.22	43.811	
3,600.00	3,581.58	3,477.12	3,431.55	9.22	11.01	-145.65	146.34	-486.21	726.91	710.42	16.49	44.092	
3,650.00	3,631.08	3,524.46	3,477.73	9.38	11.22	-145.67	149.90	-496.02	742.99	726.24	16.75	44.363	
3,700.00	3,680.57	3,571.80	3,523.90	9.54	11.43	-145.70	153.45	-505.83	759.08	742.07	17.01	44.625	
3,750.00	3,730.07	3,619.14	3,570.08	9.70	11.65	-145.72	157.00	-515.64	775.16	757.89	17.27	44.877	
3,800.00	3,779.57	3,666.48	3,616.26	9.86	11.86	-145.74	160.55	-525.45	791.24	773.71	17.54	45.121	
3,850.00	3,829.06	3,713.82	3,662.44	10.02	12.08	-145.76	164.10	-535.27	807.33	789.53	17.80	45.357	
3,900.00	3,878.56	3,761.16	3,708.61	10.19	12.29	-145.78	167.65	-545.08	823.41	805.35	18.06	45.585	
3,950.00	3,928.06	3,808.51	3,754.79	10.35	12.51	-145.80	171.20	-554.89	839.50	821.17	18.33	45.806	
4,000.00	3,977.55	3,855.85	3,800.97	10.51	12.72	-145.82	174.76	-564.70	855.58	836.99	18.59	46.020	
4,050.00	4,027.05	3,903.19	3,847.15	10.68	12.94	-145.84	178.31	-574.51	871.67	852.81	18.86	46.227	
4,100.00	4,076.55	3,950.53	3,893.32	10.84	13.15	-145.86	181.86	-584.32	887.75	868.63	19.12	46.427	
4,150.00	4,126.04	3,997.87	3,939.50	11.00	13.37	-145.87	185.41	-594.13	903.84	884.45	19.39	46.622	
4,200.00	4,175.54	4,045.21	3,985.68	11.17	13.58	-145.89	188.96	-603.94	919.92	900.27	19.65	46.810	
4,250.00	4,225.04	4,092.56	4,031.86	11.33	13.80	-145.91	192.51	-613.75	936.01	916.09	19.92	46.993	
4,300.00	4,274.53	4,139.90	4,078.03	11.50	14.02	-145.92	196.07	-623.56	952.09	931.91	20.18	47.171	
4,350.00	4,324.03	4,187.24	4,124.21	11.66	14.23	-145.94	199.62	-633.37	968.18	947.73	20.45	47.343	
4,400.00	4,373.53	4,234.58	4,170.39	11.83	14.45	-145.95	203.17	-643.19	984.26	963.54	20.72	47.510	
4,450.00	4,423.02	4,281.92	4,216.56	11.99	14.67	-145.96	206.72	-653.00	1,000.35	979.36	20.98	47.673	
4,500.00	4,472.52	4,329.26	4,262.74	12.16	14.88	-145.98	210.27	-662.81	1,016.43	995.18	21.25	47.831	
4,550.00	4,522.01	4,376.60	4,308.92	12.32	15.10	-145.99	213.82	-672.62	1,032.52	1,011.00	21.52	47.984	
4,600.00	4,571.51	4,423.95	4,355.10	12.49	15.32	-146.00	217.37	-682.43	1,048.60	1,026.82	21.79	48.134	
4,650.00	4,621.01	4,471.29	4,401.27	12.65	15.53	-146.02	220.93	-692.24	1,064.69	1,042.63	22.05	48.279	
4,700.00	4,670.50	4,518.63	4,447.45	12.82	15.75	-146.03	224.48	-702.05	1,080.77	1,058.45	22.32	48.421	
4,750.00	4,720.00	4,565.97	4,493.63	12.98	15.97	-146.04	228.03	-711.86	1,096.86	1,074.27	22.59	48.558	
4,800.00	4,769.50	4,613.31	4,539.81	13.15	16.18	-146.05	231.58	-721.67	1,112.94	1,090.09	22.86	48.692	
4,850.00	4,818.99	4,660.65	4,585.98	13.31	16.40	-146.06	235.13	-731.48	1,129.03	1,105.90	23.12	48.823	
4,900.00	4,868.49	4,707.99	4,632.16	13.48	16.62	-146.07	238.68	-741.29	1,145.11	1,121.72	23.39	48.950	
4,950.00	4,917.99	4,755.34	4,678.34	13.64	16.84	-146.08	242.23	-751.11	1,161.20	1,137.54	23.66	49.074	
5,000.00	4,967.48	4,802.68	4,724.52	13.81	17.06	-146.09	245.79	-760.92	1,177.29	1,153.35	23.93	49.195	
5,050.00	5,016.98	4,850.02	4,770.69	13.98	17.27	-146.10	249.34	-770.73	1,193.37	1,169.17	24.20	49.313	
5,100.00	5,066.48	4,897.36	4,816.87	14.14	17.49	-146.11	252.89	-780.54	1,209.46	1,184.99	24.47	49.428	

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



SB Directional Anticollision Report

PRIDE ENERGY COMPANY

Company:	PRIDE ENERGY	Local Co-ordinate Reference:	Well GO STATE COM 102-H
Project:	LEA CO., NM (NAD83)	TVD Reference:	RKB @ 3975.00usft
Reference Site:	SEC 13-T19S-R34E	MD Reference:	RKB @ 3975.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	GO STATE COM 102-H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.50 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Prelim Plan 0	Offset TVD Reference:	Offset Datum

Offset Design: SEC 13-T19S-R34E - GO STATE COM 305-H - Wellbore #1 - Prelim Plan 0												Offset Site Error:	0.00 usft
Survey Program: 0-MWD												Offset Well Error:	0.50 usft
Rule Assigned:												Warning	
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	
5,150.00	5,115.97	4,944.70	4,863.05	14.31	17.71	-146.12	256.44	-790.35	1,225.54	1,200.80	24.74	49.540	
5,200.00	5,165.47	4,992.04	4,909.23	14.48	17.93	-146.13	259.99	-800.16	1,241.63	1,216.62	25.01	49.650	
5,250.00	5,214.96	5,039.39	4,955.40	14.64	18.15	-146.14	263.54	-809.97	1,257.71	1,232.44	25.28	49.756	
5,300.00	5,264.46	5,086.73	5,001.58	14.81	18.36	-146.15	267.09	-819.78	1,273.80	1,248.25	25.55	49.861	
5,350.00	5,313.96	5,134.07	5,047.76	14.97	18.58	-146.15	270.65	-829.59	1,289.89	1,264.07	25.82	49.963	
5,400.00	5,363.45	5,181.41	5,093.94	15.14	18.80	-146.16	274.20	-839.40	1,305.97	1,279.88	26.09	50.062	
5,450.00	5,412.95	5,228.75	5,140.11	15.31	19.02	-146.17	277.75	-849.22	1,322.06	1,295.70	26.36	50.159	
5,500.00	5,462.45	5,276.09	5,186.29	15.48	19.24	-146.18	281.30	-859.03	1,338.14	1,311.52	26.63	50.254	
5,550.00	5,511.94	5,323.43	5,232.47	15.64	19.46	-146.19	284.85	-868.84	1,354.23	1,327.33	26.90	50.347	
5,600.00	5,561.44	5,370.78	5,278.64	15.81	19.67	-146.19	288.40	-878.65	1,370.31	1,343.15	27.17	50.438	
5,650.00	5,610.94	5,418.13	5,324.83	15.97	19.89	-146.26	291.96	-888.46	1,386.36	1,358.93	27.43	50.534	
5,700.00	5,660.54	5,467.92	5,373.40	16.11	20.12	-146.43	295.69	-898.78	1,401.87	1,374.17	27.70	50.605	
5,750.00	5,710.23	5,557.15	5,460.76	16.23	20.44	-146.56	301.87	-915.85	1,415.91	1,387.79	28.13	50.336	
5,800.00	5,760.02	5,648.16	5,550.40	16.34	20.72	-146.66	307.22	-930.62	1,427.83	1,399.30	28.53	50.054	
5,850.00	5,809.88	5,740.71	5,642.02	16.44	20.97	-146.74	311.66	-942.89	1,437.56	1,408.67	28.89	49.767	
5,900.00	5,859.79	5,834.50	5,735.26	16.54	21.19	-146.81	315.13	-952.47	1,445.06	1,415.85	29.21	49.464	
5,950.00	5,909.75	5,929.23	5,829.70	16.63	21.38	-146.85	317.58	-959.24	1,450.31	1,420.81	29.50	49.160	
6,000.00	5,959.74	6,024.56	5,924.94	16.71	21.53	-146.87	318.97	-963.08	1,453.28	1,423.53	29.75	48.844	
6,050.00	6,009.74	6,120.16	6,020.54	16.78	21.65	-90.03	319.27	-963.93	1,453.96	1,423.99	29.97	48.514	
6,063.72	6,023.46	6,124.08	6,024.46	16.81	21.66	-90.03	319.30	-964.00	1,454.00	1,423.99	30.01	48.453	
6,100.00	6,059.74	6,160.36	6,060.74	16.86	21.70	-90.03	319.30	-964.00	1,454.00	1,423.87	30.13	48.251	
6,150.00	6,109.74	6,210.36	6,110.74	16.95	21.76	-90.03	319.30	-964.00	1,454.00	1,423.68	30.32	47.962	
6,200.00	6,159.74	6,260.36	6,160.74	17.03	21.83	-90.03	319.30	-964.00	1,454.00	1,423.50	30.50	47.670	
6,250.00	6,209.74	6,310.36	6,210.74	17.12	21.89	-90.03	319.30	-964.00	1,454.00	1,423.31	30.69	47.380	
6,300.00	6,259.74	6,360.36	6,260.74	17.21	21.96	-90.03	319.30	-964.00	1,454.00	1,423.13	30.87	47.094	
6,350.00	6,309.74	6,410.36	6,310.74	17.29	22.03	-90.03	319.30	-964.00	1,454.00	1,422.94	31.06	46.809	
6,400.00	6,359.74	6,460.36	6,360.74	17.38	22.10	-90.03	319.30	-964.00	1,454.00	1,422.75	31.25	46.528	
6,450.00	6,409.74	6,510.36	6,410.74	17.47	22.17	-90.03	319.30	-964.00	1,454.00	1,422.56	31.44	46.249	
6,500.00	6,459.74	6,560.36	6,460.74	17.56	22.23	-90.03	319.30	-964.00	1,454.00	1,422.37	31.63	45.973	
6,550.00	6,509.74	6,610.36	6,510.74	17.64	22.30	-90.03	319.30	-964.00	1,454.00	1,422.18	31.82	45.700	
6,600.00	6,559.74	6,660.36	6,560.74	17.73	22.37	-90.03	319.30	-964.00	1,454.00	1,421.99	32.01	45.429	
6,650.00	6,609.74	6,710.36	6,610.74	17.82	22.44	-90.03	319.30	-964.00	1,454.00	1,421.80	32.20	45.161	
6,700.00	6,659.74	6,760.36	6,660.74	17.91	22.51	-90.03	319.30	-964.00	1,454.00	1,421.61	32.39	44.895	
6,750.00	6,709.74	6,810.36	6,710.74	18.00	22.58	-90.03	319.30	-964.00	1,454.00	1,421.42	32.58	44.631	
6,800.00	6,759.74	6,860.36	6,760.74	18.09	22.65	-90.03	319.30	-964.00	1,454.00	1,421.23	32.77	44.371	
6,850.00	6,809.74	6,910.36	6,810.74	18.18	22.73	-90.03	319.30	-964.00	1,454.00	1,421.04	32.96	44.112	
6,900.00	6,859.74	6,960.36	6,860.74	18.27	22.80	-90.03	319.30	-964.00	1,454.00	1,420.85	33.15	43.856	
6,950.00	6,909.74	7,010.36	6,910.74	18.36	22.87	-90.03	319.30	-964.00	1,454.00	1,420.65	33.35	43.603	
7,000.00	6,959.74	7,060.36	6,960.74	18.45	22.94	-90.03	319.30	-964.00	1,454.00	1,420.46	33.54	43.352	
7,050.00	7,009.74	7,110.36	7,010.74	18.54	23.01	-90.03	319.30	-964.00	1,454.00	1,420.27	33.73	43.103	
7,100.00	7,059.74	7,160.36	7,060.74	18.63	23.09	-90.03	319.30	-964.00	1,454.00	1,420.07	33.93	42.857	
7,150.00	7,109.74	7,210.36	7,110.74	18.72	23.16	-90.03	319.30	-964.00	1,454.00	1,419.88	34.12	42.613	
7,200.00	7,159.74	7,260.36	7,160.74	18.81	23.23	-90.03	319.30	-964.00	1,454.00	1,419.68	34.32	42.371	
7,250.00	7,209.74	7,310.36	7,210.74	18.90	23.31	-90.03	319.30	-964.00	1,454.00	1,419.49	34.51	42.132	
7,300.00	7,259.74	7,360.36	7,260.74	19.00	23.38	-90.03	319.30	-964.00	1,454.00	1,419.29	34.71	41.895	
7,350.00	7,309.74	7,410.36	7,310.74	19.09	23.45	-90.03	319.30	-964.00	1,454.00	1,419.10	34.90	41.660	
7,400.00	7,359.74	7,460.36	7,360.74	19.18	23.53	-90.03	319.30	-964.00	1,454.00	1,418.90	35.10	41.427	
7,450.00	7,409.74	7,510.36	7,410.74	19.27	23.60	-90.03	319.30	-964.00	1,454.00	1,418.71	35.29	41.197	
7,500.00	7,459.74	7,560.36	7,460.74	19.36	23.68	-90.03	319.30	-964.00	1,454.00	1,418.51	35.49	40.968	
7,550.00	7,509.74	7,610.36	7,510.74	19.46	23.76	-90.03	319.30	-964.00	1,454.00	1,418.31	35.69	40.742	
7,600.00	7,559.74	7,660.36	7,560.74	19.55	23.83	-90.03	319.30	-964.00	1,454.00	1,418.11	35.89	40.518	
7,650.00	7,609.74	7,710.36	7,610.74	19.64	23.91	-90.03	319.30	-964.00	1,454.00	1,417.92	36.08	40.296	

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



SB Directional Anticollision Report

PRIDE ENERGY COMPANY

Company:	PRIDE ENERGY	Local Co-ordinate Reference:	Well GO STATE COM 102-H
Project:	LEA CO., NM (NAD83)	TVD Reference:	RKB @ 3975.00usft
Reference Site:	SEC 13-T19S-R34E	MD Reference:	RKB @ 3975.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	GO STATE COM 102-H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.50 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Prelim Plan 0	Offset TVD Reference:	Offset Datum

Offset Design: SEC 13-T19S-R34E - GO STATE COM 305-H - Wellbore #1 - Prelim Plan 0													Offset Site Error:	0.00 usft	
Survey Program:		0-MWD		Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned:				Offset Well Error:	0.50 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		
7,700.00	7,659.74	7,760.36	7,660.74	19.74	23.98	-90.03	319.30	-964.00	1,454.00	1,417.72	36.28	40.076			
7,750.00	7,709.74	7,810.36	7,710.74	19.83	24.06	-90.03	319.30	-964.00	1,454.00	1,417.52	36.48	39.858			
7,800.00	7,759.74	7,860.36	7,760.74	19.92	24.14	-90.03	319.30	-964.00	1,454.00	1,417.32	36.68	39.642			
7,850.00	7,809.74	7,910.36	7,810.74	20.02	24.21	-90.03	319.30	-964.00	1,454.00	1,417.12	36.88	39.429			
7,900.00	7,859.74	7,960.36	7,860.74	20.11	24.29	-90.03	319.30	-964.00	1,454.00	1,416.92	37.08	39.217			
7,950.00	7,909.74	8,010.36	7,910.74	20.21	24.37	-90.03	319.30	-964.00	1,454.00	1,416.72	37.28	39.007			
8,000.00	7,959.74	8,060.36	7,960.74	20.30	24.45	-90.03	319.30	-964.00	1,454.00	1,416.52	37.48	38.799			
8,050.00	8,009.74	8,110.36	8,010.74	20.40	24.53	-90.03	319.30	-964.00	1,454.00	1,416.32	37.68	38.593			
8,100.00	8,059.74	8,160.36	8,060.74	20.49	24.60	-90.03	319.30	-964.00	1,454.00	1,416.12	37.88	38.389			
8,150.00	8,109.74	8,210.36	8,110.74	20.59	24.68	-90.03	319.30	-964.00	1,454.00	1,415.92	38.08	38.187			
8,200.00	8,159.74	8,260.36	8,160.74	20.68	24.76	-90.03	319.30	-964.00	1,454.00	1,415.72	38.28	37.986			
8,250.00	8,209.74	8,310.36	8,210.74	20.78	24.84	-90.03	319.30	-964.00	1,454.00	1,415.52	38.48	37.788			
8,300.00	8,259.74	8,360.36	8,260.74	20.87	24.92	-90.03	319.30	-964.00	1,454.00	1,415.32	38.68	37.591			
8,350.00	8,309.74	8,410.36	8,310.74	20.97	25.00	-90.03	319.30	-964.00	1,454.00	1,415.12	38.88	37.396			
8,400.00	8,359.74	8,460.36	8,360.74	21.06	25.08	-90.03	319.30	-964.00	1,454.00	1,414.92	39.08	37.203			
8,450.00	8,409.74	8,510.36	8,410.74	21.16	25.16	-90.03	319.30	-964.00	1,454.00	1,414.71	39.29	37.011			
8,500.00	8,459.74	8,560.36	8,460.74	21.26	25.24	-90.03	319.30	-964.00	1,454.00	1,414.51	39.49	36.822			
8,550.00	8,509.74	8,610.36	8,510.74	21.35	25.32	-90.03	319.30	-964.00	1,454.00	1,414.31	39.69	36.634			
8,600.00	8,559.74	8,660.36	8,560.74	21.45	25.40	-90.03	319.30	-964.00	1,454.00	1,414.11	39.89	36.447			
8,650.00	8,609.74	8,710.36	8,610.74	21.55	25.49	-90.03	319.30	-964.00	1,454.00	1,413.90	40.10	36.263			
8,700.00	8,659.74	8,760.36	8,660.74	21.64	25.57	-90.03	319.30	-964.00	1,454.00	1,413.70	40.30	36.080			
8,750.00	8,709.74	8,810.36	8,710.74	21.74	25.65	-90.03	319.30	-964.00	1,454.00	1,413.50	40.50	35.898			
8,800.00	8,759.74	8,860.36	8,760.74	21.84	25.73	-90.03	319.30	-964.00	1,454.00	1,413.29	40.71	35.719			
8,850.00	8,809.74	8,910.36	8,810.74	21.94	25.81	-90.03	319.30	-964.00	1,454.00	1,413.09	40.91	35.541			
8,900.00	8,859.74	8,960.36	8,860.74	22.03	25.90	-90.03	319.30	-964.00	1,454.00	1,412.88	41.12	35.364			
8,950.00	8,909.74	9,010.36	8,910.74	22.13	25.98	-90.03	319.30	-964.00	1,454.00	1,412.68	41.32	35.189			
9,000.00	8,959.74	9,060.36	8,960.74	22.23	26.06	-90.03	319.30	-964.00	1,454.00	1,412.48	41.52	35.016			
9,050.00	9,009.74	9,110.36	9,010.74	22.33	26.14	-90.03	319.30	-964.00	1,454.00	1,412.27	41.73	34.844			
9,100.00	9,059.74	9,160.36	9,060.74	22.42	26.23	-90.03	319.30	-964.00	1,454.00	1,412.07	41.93	34.673			
9,150.00	9,109.74	9,210.36	9,110.74	22.52	26.31	-90.03	319.30	-964.00	1,454.00	1,411.86	42.14	34.504			
9,200.00	9,159.74	9,260.36	9,160.74	22.62	26.40	-90.03	319.30	-964.00	1,454.00	1,411.66	42.34	34.337			
9,250.00	9,209.74	9,310.36	9,210.74	22.72	26.48	-90.03	319.30	-964.00	1,454.00	1,411.45	42.55	34.171			
9,250.06	9,209.80	9,310.42	9,210.80	22.72	26.48	-90.03	319.30	-964.00	1,454.00	1,411.45	42.55	34.171			
9,300.00	9,259.73	9,360.36	9,260.73	22.81	26.56	90.41	319.30	-964.00	1,454.00	1,411.25	42.75	34.012			
9,350.00	9,309.49	9,410.12	9,310.49	22.87	26.65	90.59	319.30	-964.00	1,454.04	1,411.14	42.91	33.887			
9,400.00	9,358.49	9,459.11	9,359.49	22.92	26.73	90.95	319.30	-964.00	1,454.18	1,411.14	43.04	33.788			
9,450.00	9,406.18	9,506.81	9,407.18	22.94	26.81	91.47	319.30	-964.00	1,454.51	1,411.37	43.14	33.718			
9,500.00	9,452.06	9,552.69	9,453.06	22.96	26.89	92.11	319.30	-964.00	1,455.19	1,411.98	43.21	33.678			
9,550.00	9,495.62	9,596.24	9,496.62	22.95	26.96	92.80	319.30	-964.00	1,456.40	1,413.14	43.26	33.668			
9,600.00	9,536.37	9,637.00	9,537.37	22.94	27.03	93.49	319.30	-964.00	1,458.36	1,415.07	43.29	33.691			
9,650.00	9,573.88	9,674.50	9,574.88	22.92	27.10	94.11	319.30	-964.00	1,461.29	1,417.99	43.30	33.748			
9,700.00	9,607.73	9,708.35	9,608.73	22.89	27.15	94.59	319.30	-964.00	1,465.43	1,422.12	43.30	33.840			
9,750.00	9,637.55	9,738.17	9,638.55	22.87	27.21	94.86	319.30	-964.00	1,470.97	1,427.67	43.30	33.968			
9,800.00	9,663.01	9,763.64	9,664.01	22.85	27.25	94.85	319.30	-964.00	1,478.10	1,434.80	43.31	34.132			
9,850.00	9,683.84	9,784.46	9,684.84	22.84	27.29	94.52	319.30	-964.00	1,486.95	1,443.64	43.31	34.333			
9,900.00	9,699.81	9,800.43	9,700.81	22.84	27.31	93.80	319.30	-964.00	1,497.59	1,454.27	43.32	34.568			

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



SB Directional Anticollision Report

PRIDE ENERGY COMPANY

Company:	PRIDE ENERGY	Local Co-ordinate Reference:	Well GO STATE COM 102-H
Project:	LEA CO., NM (NAD83)	TVD Reference:	RKB @ 3975.00usft
Reference Site:	SEC 13-T19S-R34E	MD Reference:	RKB @ 3975.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	GO STATE COM 102-H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.50 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Prelim Plan 0	Offset TVD Reference:	Offset Datum

Offset Design: SEC 13-T19S-R34E - GO STATE COM 306-H - Wellbore #1 - Prelim Plan 0												Offset Site Error:	0.00 usft
Survey Program: 0-MWD												Offset Well Error:	0.50 usft
Reference	Offset	Semi Major Axis	Highside	Offset Wellbore Centre	Distance	Rule Assigned:							
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	Warning
0.00	0.00	0.00	0.00	0.50	0.50	-90.57	-0.20	-20.10	20.10				
50.00	50.00	50.00	50.00	0.50	0.50	-90.57	-0.20	-20.10	20.10	19.10	1.00	20.050	
100.00	100.00	100.00	100.00	0.51	0.51	-90.57	-0.20	-20.10	20.10	19.09	1.01	19.821	
150.00	150.00	150.00	150.00	0.54	0.54	-90.57	-0.20	-20.10	20.10	19.03	1.07	18.706	
200.00	200.00	200.00	200.00	0.59	0.59	-90.57	-0.20	-20.10	20.10	18.93	1.18	17.098	
250.00	250.00	250.00	250.00	0.65	0.65	-90.57	-0.20	-20.10	20.10	18.79	1.31	15.370	
300.00	300.00	300.00	300.00	0.73	0.73	-90.57	-0.20	-20.10	20.10	18.64	1.46	13.741	
350.00	350.00	350.00	350.00	0.82	0.82	-90.57	-0.20	-20.10	20.10	18.47	1.63	12.301	
400.00	400.00	400.00	400.00	0.91	0.91	-90.57	-0.20	-20.10	20.10	18.28	1.82	11.062	
450.00	450.00	450.00	450.00	1.00	1.00	-90.57	-0.20	-20.10	20.10	18.09	2.01	10.008	
500.00	500.00	500.00	500.00	1.10	1.10	-90.57	-0.20	-20.10	20.10	17.89	2.21	9.111	
550.00	550.00	550.00	550.00	1.20	1.20	-90.57	-0.20	-20.10	20.10	17.69	2.41	8.345	
600.00	600.00	600.00	600.00	1.31	1.31	-90.57	-0.20	-20.10	20.10	17.49	2.61	7.687	
650.00	650.00	650.00	650.00	1.41	1.41	-90.57	-0.20	-20.10	20.10	17.28	2.82	7.118	
700.00	700.00	700.00	700.00	1.52	1.52	-90.57	-0.20	-20.10	20.10	17.07	3.04	6.623	
750.00	750.00	750.00	750.00	1.62	1.62	-90.57	-0.20	-20.10	20.10	16.85	3.25	6.188	
800.00	800.00	800.00	800.00	1.73	1.73	-90.57	-0.20	-20.10	20.10	16.64	3.46	5.805	
850.00	850.00	850.00	850.00	1.84	1.84	-90.57	-0.20	-20.10	20.10	16.42	3.68	5.464	
900.00	900.00	900.00	900.00	1.95	1.95	-90.57	-0.20	-20.10	20.10	16.21	3.90	5.160	
950.00	950.00	950.00	950.00	2.06	2.06	-90.57	-0.20	-20.10	20.10	15.99	4.11	4.887	
1,000.00	1,000.00	1,000.00	1,000.00	2.17	2.17	-90.57	-0.20	-20.10	20.10	15.77	4.33	4.641	
1,050.00	1,050.00	1,050.00	1,050.00	2.28	2.28	-90.57	-0.20	-20.10	20.10	15.55	4.55	4.417	
1,100.00	1,100.00	1,100.00	1,100.00	2.38	2.38	-90.57	-0.20	-20.10	20.10	15.33	4.77	4.214	
1,150.00	1,150.00	1,150.00	1,150.00	2.49	2.49	-90.57	-0.20	-20.10	20.10	15.11	4.99	4.028	
1,200.00	1,200.00	1,200.00	1,200.00	2.61	2.61	-90.57	-0.20	-20.10	20.10	14.89	5.21	3.858	
1,250.00	1,250.00	1,250.00	1,250.00	2.72	2.72	-90.57	-0.20	-20.10	20.10	14.67	5.43	3.701	
1,300.00	1,300.00	1,300.00	1,300.00	2.83	2.83	-90.57	-0.20	-20.10	20.10	14.45	5.65	3.556	
1,350.00	1,350.00	1,350.00	1,350.00	2.94	2.94	-90.57	-0.20	-20.10	20.10	14.23	5.87	3.422	
1,400.00	1,400.00	1,400.00	1,400.00	3.05	3.05	-90.57	-0.20	-20.10	20.10	14.01	6.10	3.298	
1,450.00	1,450.00	1,450.00	1,450.00	3.16	3.16	-90.57	-0.20	-20.10	20.10	13.78	6.32	3.182	
1,500.00	1,500.00	1,500.00	1,500.00	3.27	3.27	-90.57	-0.20	-20.10	20.10	13.56	6.54	3.074 CC, ES	
1,550.00	1,550.00	1,550.00	1,550.00	3.38	3.38	-148.08	-0.20	-20.10	20.47	13.71	6.76	3.029	
1,600.00	1,599.98	1,599.98	1,599.98	3.49	3.49	-149.90	-0.20	-20.10	21.59	14.62	6.98	3.095	
1,650.00	1,649.93	1,649.93	1,649.93	3.59	3.60	-152.55	-0.20	-20.10	23.50	16.31	7.19	3.267	
1,700.00	1,699.84	1,699.84	1,699.84	3.70	3.71	-155.60	-0.20	-20.10	26.25	18.84	7.41	3.542	
1,750.00	1,749.68	1,750.15	1,750.15	3.81	3.82	-158.34	0.07	-19.75	29.48	21.85	7.63	3.865	
1,800.00	1,799.45	1,800.53	1,800.51	3.92	3.93	-160.44	0.87	-18.70	32.77	24.93	7.84	4.180	
1,850.00	1,849.13	1,850.96	1,850.89	4.04	4.04	-162.04	2.21	-16.94	36.12	28.07	8.05	4.486	
1,900.00	1,898.70	1,901.46	1,901.30	4.16	4.15	-163.28	4.09	-14.47	39.51	31.25	8.26	4.783	
1,950.00	1,948.20	1,952.04	1,951.72	4.28	4.26	-164.14	6.52	-11.29	42.61	34.14	8.47	5.031	
2,000.00	1,997.70	2,002.72	2,002.16	4.40	4.38	-164.51	9.48	-7.39	44.89	36.21	8.68	5.174	
2,050.00	2,047.19	2,053.46	2,052.56	4.53	4.49	-164.47	13.00	-2.78	46.34	37.46	8.88	5.216	
2,100.00	2,096.69	2,103.92	2,102.59	4.66	4.61	-164.10	16.99	2.46	47.02	37.93	9.10	5.170	
2,150.00	2,146.19	2,153.92	2,152.14	4.80	4.73	-163.68	21.04	7.77	47.56	38.24	9.32	5.103	
2,200.00	2,195.68	2,203.91	2,201.69	4.93	4.86	-163.27	25.09	13.09	48.10	38.55	9.54	5.040	
2,250.00	2,245.18	2,253.91	2,251.24	5.07	4.98	-162.86	29.14	18.40	48.64	38.87	9.77	4.978	
2,300.00	2,294.67	2,303.90	2,300.78	5.21	5.11	-162.46	33.18	23.72	49.18	39.18	10.00	4.919	
2,350.00	2,344.17	2,353.90	2,350.33	5.36	5.24	-162.08	37.23	29.03	49.72	39.50	10.23	4.862	
2,400.00	2,393.67	2,403.90	2,399.88	5.50	5.37	-161.70	41.28	34.35	50.27	39.81	10.46	4.807	
2,450.00	2,443.16	2,453.89	2,449.43	5.64	5.51	-161.33	45.33	39.66	50.82	40.13	10.69	4.754	
2,500.00	2,492.66	2,503.89	2,498.97	5.79	5.64	-160.96	49.38	44.98	51.37	40.45	10.92	4.702	
2,550.00	2,542.16	2,553.88	2,548.52	5.94	5.78	-160.61	53.43	50.29	51.92	40.76	11.16	4.652	

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



SB Directional Anticollision Report

PRIDE ENERGY COMPANY

Company:	PRIDE ENERGY	Local Co-ordinate Reference:	Well GO STATE COM 102-H
Project:	LEA CO., NM (NAD83)	TVD Reference:	RKB @ 3975.00usft
Reference Site:	SEC 13-T19S-R34E	MD Reference:	RKB @ 3975.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	GO STATE COM 102-H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.50 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Prelim Plan 0	Offset TVD Reference:	Offset Datum

Offset Design: SEC 13-T19S-R34E - GO STATE COM 306-H - Wellbore #1 - Prelim Plan 0												Offset Site Error:	0.00 usft
Survey Program: 0-MWD												Offset Well Error:	0.50 usft
Rule Assigned:												Warning	
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
2,600.00	2,591.65	2,603.88	2,598.07	6.09	5.92	-160.26	57.48	55.61	52.48	41.08	11.40	4.605	
2,650.00	2,641.15	2,653.88	2,647.61	6.24	6.05	-159.92	61.53	60.92	53.04	41.40	11.64	4.558	
2,700.00	2,690.65	2,703.87	2,697.16	6.39	6.20	-159.59	65.58	66.24	53.60	41.72	11.88	4.513	
2,750.00	2,740.14	2,753.87	2,746.71	6.54	6.34	-159.26	69.63	71.55	54.16	42.04	12.12	4.469	
2,800.00	2,789.64	2,803.86	2,796.26	6.69	6.48	-158.94	73.68	76.87	54.72	42.36	12.36	4.427	
2,850.00	2,839.14	2,853.86	2,845.80	6.84	6.62	-158.63	77.73	82.18	55.28	42.68	12.60	4.386	
2,900.00	2,888.63	2,903.86	2,895.35	7.00	6.77	-158.32	81.78	87.50	55.85	43.00	12.85	4.347	
2,950.00	2,938.13	2,953.85	2,944.90	7.15	6.91	-158.02	85.83	92.81	56.42	43.32	13.09	4.308	
3,000.00	2,987.62	3,003.85	2,994.45	7.31	7.06	-157.73	89.88	98.13	56.99	43.64	13.34	4.271	
3,050.00	3,037.12	3,053.84	3,043.99	7.47	7.21	-157.44	93.93	103.44	57.56	43.97	13.59	4.235	
3,100.00	3,086.62	3,103.84	3,093.54	7.62	7.36	-157.16	97.98	108.76	58.13	44.29	13.84	4.200	
3,150.00	3,136.11	3,153.84	3,143.09	7.78	7.51	-156.88	102.03	114.07	58.70	44.61	14.09	4.166	
3,200.00	3,185.61	3,203.83	3,192.64	7.94	7.65	-156.61	106.07	119.39	59.28	44.93	14.34	4.133	
3,250.00	3,235.11	3,253.83	3,242.18	8.10	7.80	-156.34	110.12	124.70	59.85	45.26	14.59	4.101	
3,300.00	3,284.60	3,303.82	3,291.73	8.25	7.95	-156.08	114.17	130.02	60.43	45.58	14.85	4.070	
3,350.00	3,334.10	3,353.82	3,341.28	8.41	8.11	-155.82	118.22	135.33	61.01	45.90	15.10	4.040	
3,400.00	3,383.60	3,403.81	3,390.83	8.57	8.26	-155.57	122.27	140.65	61.59	46.23	15.36	4.010	
3,450.00	3,433.09	3,453.81	3,440.37	8.73	8.41	-155.32	126.32	145.96	62.17	46.55	15.61	3.982	
3,500.00	3,482.59	3,503.81	3,489.92	8.89	8.56	-155.08	130.37	151.27	62.75	46.88	15.87	3.954	
3,550.00	3,532.09	3,553.80	3,539.47	9.05	8.71	-154.84	134.42	156.59	63.33	47.20	16.13	3.927	
3,600.00	3,581.58	3,603.80	3,589.02	9.22	8.87	-154.60	138.47	161.90	63.92	47.53	16.39	3.900	
3,650.00	3,631.08	3,653.79	3,638.56	9.38	9.02	-154.38	142.52	167.22	64.50	47.85	16.65	3.875	
3,700.00	3,680.57	3,703.79	3,688.11	9.54	9.18	-154.15	146.57	172.53	65.09	48.18	16.91	3.850	
3,750.00	3,730.07	3,753.79	3,737.66	9.70	9.33	-153.93	150.62	177.85	65.68	48.51	17.17	3.825	
3,800.00	3,779.57	3,803.78	3,787.21	9.86	9.48	-153.71	154.67	183.16	66.26	48.83	17.43	3.801	
3,850.00	3,829.06	3,853.78	3,836.75	10.02	9.64	-153.50	158.72	188.48	66.85	49.16	17.69	3.778	
3,900.00	3,878.56	3,903.77	3,886.30	10.19	9.80	-153.29	162.77	193.79	67.44	49.48	17.96	3.756	
3,950.00	3,928.06	3,953.77	3,935.85	10.35	9.95	-153.08	166.82	199.11	68.03	49.81	18.22	3.734	
4,000.00	3,977.55	4,003.77	3,985.39	10.51	10.11	-152.88	170.87	204.42	68.62	50.14	18.49	3.712	
4,050.00	4,027.05	4,053.76	4,034.94	10.68	10.26	-152.68	174.92	209.74	69.22	50.47	18.75	3.691	
4,100.00	4,076.55	4,103.76	4,084.49	10.84	10.42	-152.48	178.96	215.05	69.81	50.79	19.02	3.671	
4,150.00	4,126.04	4,153.75	4,134.04	11.00	10.58	-152.29	183.01	220.37	70.40	51.12	19.28	3.651	
4,200.00	4,175.54	4,203.75	4,183.58	11.17	10.73	-152.10	187.06	225.68	71.00	51.45	19.55	3.631	
4,250.00	4,225.04	4,253.75	4,233.13	11.33	10.89	-151.91	191.11	231.00	71.60	51.78	19.82	3.612	
4,300.00	4,274.53	4,303.74	4,282.68	11.50	11.05	-151.73	195.16	236.31	72.19	52.10	20.09	3.594	
4,350.00	4,324.03	4,353.74	4,332.23	11.66	11.20	-151.55	199.21	241.63	72.79	52.43	20.36	3.576	
4,400.00	4,373.53	4,403.73	4,381.77	11.83	11.36	-151.37	203.26	246.94	73.39	52.76	20.63	3.558	
4,450.00	4,423.02	4,453.73	4,431.32	11.99	11.52	-151.20	207.31	252.26	73.99	53.09	20.90	3.540	
4,500.00	4,472.52	4,503.72	4,480.87	12.16	11.68	-151.03	211.36	257.57	74.59	53.42	21.17	3.524	
4,550.00	4,522.01	4,553.72	4,530.42	12.32	11.84	-150.86	215.41	262.89	75.18	53.75	21.44	3.507	
4,600.00	4,571.51	4,603.72	4,579.96	12.49	11.99	-150.69	219.46	268.20	75.79	54.07	21.71	3.491	
4,650.00	4,621.01	4,653.71	4,629.51	12.65	12.15	-150.53	223.51	273.52	76.39	54.40	21.98	3.475	
4,700.00	4,670.50	4,703.71	4,679.06	12.82	12.31	-150.37	227.56	278.83	76.99	54.73	22.26	3.459	
4,750.00	4,720.00	4,753.70	4,728.61	12.98	12.47	-150.21	231.61	284.15	77.59	55.06	22.53	3.444	
4,800.00	4,769.50	4,803.70	4,778.15	13.15	12.63	-150.05	235.66	289.46	78.19	55.39	22.80	3.429	
4,850.00	4,818.99	4,853.70	4,827.70	13.31	12.79	-149.90	239.71	294.78	78.80	55.72	23.08	3.415	
4,900.00	4,868.49	4,903.69	4,877.25	13.48	12.95	-149.75	243.76	300.09	79.40	56.05	23.35	3.400	
4,950.00	4,917.99	4,953.69	4,926.80	13.64	13.11	-149.60	247.80	305.41	80.01	56.38	23.63	3.386	
5,000.00	4,967.48	5,003.68	4,976.34	13.81	13.27	-149.45	251.85	310.72	80.61	56.71	23.90	3.373	
5,050.00	5,016.98	5,053.68	5,025.89	13.98	13.43	-149.31	255.90	316.04	81.22	57.04	24.18	3.359	
5,100.00	5,066.48	5,103.68	5,075.44	14.14	13.59	-149.16	259.95	321.35	81.82	57.37	24.45	3.346	
5,150.00	5,115.97	5,153.67	5,124.99	14.31	13.75	-149.02	264.00	326.67	82.43	57.70	24.73	3.333	

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



SB Directional Anticollision Report

PRIDE ENERGY COMPANY

Company:	PRIDE ENERGY	Local Co-ordinate Reference:	Well GO STATE COM 102-H
Project:	LEA CO., NM (NAD83)	TVD Reference:	RKB @ 3975.00usft
Reference Site:	SEC 13-T19S-R34E	MD Reference:	RKB @ 3975.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	GO STATE COM 102-H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.50 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Prelim Plan 0	Offset TVD Reference:	Offset Datum

Offset Design: SEC 13-T19S-R34E - GO STATE COM 306-H - Wellbore #1 - Prelim Plan 0													Offset Site Error: 0.00 usft
Survey Program: 0-MWD													Offset Well Error: 0.50 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	5,165.47	5,203.67	5,174.53	14.48	13.91	-148.88	268.05	331.98	83.04	58.03	25.01	3.321	
5,250.00	5,214.96	5,253.66	5,224.08	14.64	14.07	-148.75	272.10	337.30	83.65	58.36	25.28	3.308	
5,300.00	5,264.46	5,303.66	5,273.63	14.81	14.23	-148.61	276.15	342.61	84.25	58.69	25.56	3.296	
5,350.00	5,313.96	5,353.66	5,323.17	14.97	14.39	-148.48	280.20	347.93	84.86	59.02	25.84	3.284	
5,400.00	5,363.45	5,403.65	5,372.72	15.14	14.55	-148.35	284.25	353.24	85.47	59.35	26.12	3.272	
5,450.00	5,412.95	5,453.65	5,422.27	15.31	14.71	-148.22	288.30	358.56	86.08	59.68	26.40	3.261	
5,500.00	5,462.45	5,503.64	5,471.82	15.48	14.87	-148.09	292.35	363.87	86.69	60.01	26.68	3.250	
5,550.00	5,511.94	5,553.64	5,521.36	15.64	15.03	-147.97	296.40	369.18	87.30	60.34	26.96	3.239	
5,600.00	5,561.44	5,603.64	5,570.91	15.81	15.19	-147.85	300.45	374.50	87.91	60.68	27.24	3.228	
5,650.00	5,610.94	5,653.55	5,620.38	15.97	15.35	-147.71	304.49	379.80	88.48	60.97	27.51	3.216	
5,700.00	5,660.54	5,702.33	5,668.79	16.11	15.48	-147.53	308.16	384.62	88.87	61.10	27.77	3.200	
5,750.00	5,710.23	5,751.12	5,717.29	16.23	15.59	-147.38	311.33	388.78	89.20	61.21	27.99	3.187	
5,800.00	5,760.02	5,800.00	5,765.97	16.34	15.71	-147.25	314.00	392.28	89.49	61.28	28.21	3.173	
5,850.00	5,809.88	5,848.68	5,814.52	16.44	15.80	-147.15	316.16	395.12	89.71	61.32	28.40	3.159	
5,900.00	5,859.79	5,897.46	5,863.22	16.54	15.90	-147.07	317.82	397.30	89.89	61.31	28.58	3.145	
5,950.00	5,909.75	5,946.23	5,911.96	16.63	15.98	-147.02	318.98	398.82	90.01	61.27	28.75	3.131	
6,000.00	5,959.74	5,995.01	5,960.72	16.71	16.07	-146.99	319.64	399.69	90.08	61.18	28.91	3.116	
6,050.00	6,009.74	6,044.03	6,009.74	16.78	16.14	-90.13	319.80	399.90	90.10	61.04	29.06	3.101	
6,100.00	6,059.74	6,094.03	6,059.74	16.86	16.22	-90.13	319.80	399.90	90.10	60.86	29.24	3.082	
6,150.00	6,109.74	6,144.03	6,109.74	16.95	16.31	-90.13	319.80	399.90	90.10	60.67	29.43	3.061	
6,200.00	6,159.74	6,194.03	6,159.74	17.03	16.40	-90.13	319.80	399.90	90.10	60.48	29.63	3.041	
6,250.00	6,209.74	6,244.03	6,209.74	17.12	16.49	-90.13	319.80	399.90	90.10	60.28	29.82	3.021	
6,300.00	6,259.74	6,294.03	6,259.74	17.21	16.58	-90.13	319.80	399.90	90.10	60.08	30.02	3.002	
6,350.00	6,309.74	6,344.03	6,309.74	17.29	16.67	-90.13	319.80	399.90	90.10	59.89	30.21	2.982	
6,400.00	6,359.74	6,394.03	6,359.74	17.38	16.76	-90.13	319.80	399.90	90.10	59.69	30.41	2.963	
6,450.00	6,409.74	6,444.03	6,409.74	17.47	16.85	-90.13	319.80	399.90	90.10	59.49	30.61	2.944	
6,500.00	6,459.74	6,494.03	6,459.74	17.56	16.94	-90.13	319.80	399.90	90.10	59.30	30.80	2.925	
6,550.00	6,509.74	6,544.03	6,509.74	17.64	17.04	-90.13	319.80	399.90	90.10	59.10	31.00	2.906	
6,600.00	6,559.74	6,594.03	6,559.74	17.73	17.13	-90.13	319.80	399.90	90.10	58.90	31.20	2.888	
6,650.00	6,609.74	6,644.03	6,609.74	17.82	17.22	-90.13	319.80	399.90	90.10	58.70	31.40	2.870	
6,700.00	6,659.74	6,694.03	6,659.74	17.91	17.31	-90.13	319.80	399.90	90.10	58.50	31.60	2.852	
6,750.00	6,709.74	6,744.03	6,709.74	18.00	17.40	-90.13	319.80	399.90	90.10	58.30	31.80	2.834	
6,800.00	6,759.74	6,794.03	6,759.74	18.09	17.50	-90.13	319.80	399.90	90.10	58.10	32.00	2.816	
6,850.00	6,809.74	6,844.03	6,809.74	18.18	17.59	-90.13	319.80	399.90	90.10	57.90	32.20	2.799	
6,900.00	6,859.74	6,894.03	6,859.74	18.27	17.68	-90.13	319.80	399.90	90.10	57.70	32.40	2.781	
6,950.00	6,909.74	6,944.03	6,909.74	18.36	17.78	-90.13	319.80	399.90	90.10	57.50	32.60	2.764	
7,000.00	6,959.74	6,994.03	6,959.74	18.45	17.87	-90.13	319.80	399.90	90.10	57.30	32.80	2.747	
7,050.00	7,009.74	7,044.03	7,009.74	18.54	17.96	-90.13	319.80	399.90	90.10	57.10	33.00	2.730	
7,100.00	7,059.74	7,094.03	7,059.74	18.63	18.06	-90.13	319.80	399.90	90.10	56.90	33.20	2.714	
7,150.00	7,109.74	7,144.03	7,109.74	18.72	18.15	-90.13	319.80	399.90	90.10	56.70	33.40	2.698	
7,200.00	7,159.74	7,194.03	7,159.74	18.81	18.25	-90.13	319.80	399.90	90.10	56.50	33.60	2.681	
7,250.00	7,209.74	7,244.03	7,209.74	18.90	18.34	-90.13	319.80	399.90	90.10	56.29	33.81	2.665	
7,300.00	7,259.74	7,294.03	7,259.74	19.00	18.44	-90.13	319.80	399.90	90.10	56.09	34.01	2.649	
7,350.00	7,309.74	7,344.03	7,309.74	19.09	18.53	-90.13	319.80	399.90	90.10	55.89	34.21	2.634	
7,400.00	7,359.74	7,394.03	7,359.74	19.18	18.63	-90.13	319.80	399.90	90.10	55.69	34.41	2.618	
7,450.00	7,409.74	7,444.03	7,409.74	19.27	18.72	-90.13	319.80	399.90	90.10	55.48	34.62	2.603	
7,500.00	7,459.74	7,494.03	7,459.74	19.36	18.82	-90.13	319.80	399.90	90.10	55.28	34.82	2.588	
7,550.00	7,509.74	7,544.03	7,509.74	19.46	18.91	-90.13	319.80	399.90	90.10	55.08	35.02	2.572	
7,600.00	7,559.74	7,594.03	7,559.74	19.55	19.01	-90.13	319.80	399.90	90.10	54.87	35.23	2.558	
7,650.00	7,609.74	7,644.03	7,609.74	19.64	19.11	-90.13	319.80	399.90	90.10	54.67	35.43	2.543	
7,700.00	7,659.74	7,694.03	7,659.74	19.74	19.20	-90.13	319.80	399.90	90.10	54.46	35.64	2.528	
7,750.00	7,709.74	7,744.03	7,709.74	19.83	19.30	-90.13	319.80	399.90	90.10	54.26	35.84	2.514	

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



SB Directional Anticollision Report

PRIDE ENERGY COMPANY

Company:	PRIDE ENERGY	Local Co-ordinate Reference:	Well GO STATE COM 102-H
Project:	LEA CO., NM (NAD83)	TVD Reference:	RKB @ 3975.00usft
Reference Site:	SEC 13-T19S-R34E	MD Reference:	RKB @ 3975.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	GO STATE COM 102-H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.50 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Prelim Plan 0	Offset TVD Reference:	Offset Datum

Offset Design: SEC 13-T19S-R34E - GO STATE COM 306-H - Wellbore #1 - Prelim Plan 0													Offset Site Error: 0.00 usft
Survey Program: 0-MWD													Offset Well Error: 0.50 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)			
7,800.00	7,759.74	7,794.03	7,759.74	19.92	19.40	-90.13	319.80	399.90	90.10	54.05	36.05	2.499	
7,850.00	7,809.74	7,844.03	7,809.74	20.02	19.49	-90.13	319.80	399.90	90.10	53.85	36.25	2.485	
7,900.00	7,859.74	7,894.03	7,859.74	20.11	19.59	-90.13	319.80	399.90	90.10	53.64	36.46	2.471	
7,950.00	7,909.74	7,944.03	7,909.74	20.21	19.69	-90.13	319.80	399.90	90.10	53.44	36.66	2.457	
8,000.00	7,959.74	7,994.03	7,959.74	20.30	19.78	-90.13	319.80	399.90	90.10	53.23	36.87	2.444	
8,050.00	8,009.74	8,044.03	8,009.74	20.40	19.88	-90.13	319.80	399.90	90.10	53.02	37.08	2.430	
8,100.00	8,059.74	8,094.03	8,059.74	20.49	19.98	-90.13	319.80	399.90	90.10	52.82	37.28	2.417	
8,150.00	8,109.74	8,144.03	8,109.74	20.59	20.08	-90.13	319.80	399.90	90.10	52.61	37.49	2.403	
8,200.00	8,159.74	8,194.03	8,159.74	20.68	20.17	-90.13	319.80	399.90	90.10	52.40	37.70	2.390	
8,250.00	8,209.74	8,244.03	8,209.74	20.78	20.27	-90.13	319.80	399.90	90.10	52.20	37.90	2.377	
8,300.00	8,259.74	8,294.03	8,259.74	20.87	20.37	-90.13	319.80	399.90	90.10	51.99	38.11	2.364	
8,350.00	8,309.74	8,344.03	8,309.74	20.97	20.47	-90.13	319.80	399.90	90.10	51.78	38.32	2.351	
8,400.00	8,359.74	8,394.03	8,359.74	21.06	20.57	-90.13	319.80	399.90	90.10	51.57	38.53	2.339	
8,450.00	8,409.74	8,444.03	8,409.74	21.16	20.67	-90.13	319.80	399.90	90.10	51.37	38.73	2.326	
8,500.00	8,459.74	8,494.03	8,459.74	21.26	20.77	-90.13	319.80	399.90	90.10	51.16	38.94	2.314	
8,550.00	8,509.74	8,544.03	8,509.74	21.35	20.86	-90.13	319.80	399.90	90.10	50.95	39.15	2.301	
8,600.00	8,559.74	8,594.03	8,559.74	21.45	20.96	-90.13	319.80	399.90	90.10	50.74	39.36	2.289	
8,650.00	8,609.74	8,644.03	8,609.74	21.55	21.06	-90.13	319.80	399.90	90.10	50.53	39.57	2.277	
8,700.00	8,659.74	8,694.03	8,659.74	21.64	21.16	-90.13	319.80	399.90	90.10	50.32	39.78	2.265	
8,750.00	8,709.74	8,744.03	8,709.74	21.74	21.26	-90.13	319.80	399.90	90.10	50.11	39.99	2.253	
8,800.00	8,759.74	8,794.03	8,759.74	21.84	21.36	-90.13	319.80	399.90	90.10	49.91	40.19	2.242	
8,850.00	8,809.74	8,844.03	8,809.74	21.94	21.46	-90.13	319.80	399.90	90.10	49.70	40.40	2.230	
8,900.00	8,859.74	8,894.03	8,859.74	22.03	21.56	-90.13	319.80	399.90	90.10	49.49	40.61	2.218	
8,950.00	8,909.74	8,944.03	8,909.74	22.13	21.66	-90.13	319.80	399.90	90.10	49.28	40.82	2.207	
9,000.00	8,959.74	8,994.03	8,959.74	22.23	21.76	-90.13	319.80	399.90	90.10	49.07	41.03	2.196	
9,050.00	9,009.74	9,044.03	9,009.74	22.33	21.86	-90.13	319.80	399.90	90.10	48.86	41.24	2.185	
9,100.00	9,059.74	9,094.03	9,059.74	22.42	21.96	-90.13	319.80	399.90	90.10	48.65	41.45	2.174	
9,150.00	9,109.74	9,144.03	9,109.74	22.52	22.06	-90.13	319.80	399.90	90.10	48.44	41.66	2.163	
9,200.00	9,159.74	9,194.03	9,159.74	22.62	22.16	-90.13	319.80	399.90	90.10	48.23	41.87	2.152	
9,250.00	9,209.74	9,244.03	9,209.74	22.72	22.26	-90.13	319.80	399.90	90.10	48.02	42.08	2.141	
9,250.01	9,209.74	9,244.03	9,209.74	22.72	22.26	-90.13	319.80	399.90	90.10	48.02	42.08	2.141	
9,300.00	9,259.73	9,294.02	9,259.73	22.81	22.36	90.55	319.80	399.90	90.10	47.80	42.31	2.130	
9,350.00	9,309.49	9,343.78	9,309.49	22.87	22.47	93.49	319.80	399.90	90.27	47.60	42.67	2.115	
9,400.00	9,358.49	9,392.78	9,358.49	22.92	22.56	99.40	319.80	399.90	91.41	48.17	43.23	2.114 SF	
9,450.00	9,406.18	9,440.47	9,406.18	22.94	22.66	107.51	319.80	399.90	95.06	51.11	43.95	2.163	
9,500.00	9,452.06	9,486.35	9,452.06	22.96	22.75	116.50	319.80	399.90	103.11	58.42	44.69	2.307	
9,550.00	9,495.62	9,529.91	9,495.62	22.95	22.84	124.98	319.80	399.90	117.01	71.73	45.28	2.584	
9,600.00	9,536.37	9,570.66	9,536.37	22.94	22.92	132.03	319.80	399.90	137.28	91.64	45.64	3.008	
9,650.00	9,573.88	9,608.17	9,573.88	22.92	23.00	137.30	319.80	399.90	163.65	117.83	45.82	3.572	
9,700.00	9,607.73	9,642.02	9,607.73	22.89	23.07	140.83	319.80	399.90	195.39	149.51	45.88	4.259	
9,750.00	9,637.55	9,671.84	9,637.55	22.87	23.13	142.69	319.80	399.90	231.72	185.83	45.89	5.049	
9,800.00	9,663.01	9,697.30	9,663.01	22.85	23.18	142.86	319.80	399.90	271.85	225.98	45.88	5.926	
9,850.00	9,683.84	9,718.13	9,683.84	22.84	23.22	141.01	319.80	399.90	315.07	269.22	45.85	6.872	
9,900.00	9,699.81	9,734.10	9,699.81	22.84	23.26	136.25	319.80	399.90	360.71	314.89	45.82	7.873	
9,950.00	9,710.73	9,745.03	9,710.73	22.87	23.28	126.47	319.80	399.90	408.11	362.33	45.78	8.915	
10,000.00	9,716.51	9,750.80	9,716.51	22.92	23.29	107.47	319.80	399.90	456.66	410.93	45.73	9.985	
10,050.00	9,718.11	9,752.40	9,718.11	23.01	23.29	97.85	319.80	399.90	505.75	460.06	45.69	11.069	
10,100.00	9,719.35	9,753.64	9,719.35	23.15	23.30	98.63	319.80	399.90	555.00	509.36	45.65	12.158	
10,150.00	9,720.60	9,754.89	9,720.60	23.32	23.30	99.40	319.80	399.90	604.38	558.76	45.62	13.249	
10,200.00	9,721.85	9,756.14	9,721.85	23.54	23.30	100.17	319.80	399.90	653.85	608.26	45.59	14.343	
10,250.00	9,723.10	9,757.39	9,723.10	23.80	23.30	100.94	319.80	399.90	703.39	657.82	45.56	15.437	
10,300.00	9,724.35	9,758.64	9,724.35	24.09	23.31	101.70	319.80	399.90	752.99	707.45	45.54	16.534	

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



SB Directional Anticollision Report

PRIDE ENERGY COMPANY

Company:	PRIDE ENERGY	Local Co-ordinate Reference:	Well GO STATE COM 102-H
Project:	LEA CO., NM (NAD83)	TVD Reference:	RKB @ 3975.00usft
Reference Site:	SEC 13-T19S-R34E	MD Reference:	RKB @ 3975.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	GO STATE COM 102-H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.50 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Prelim Plan 0	Offset TVD Reference:	Offset Datum

Offset Design: SEC 13-T19S-R34E - GO STATE COM 306-H - Wellbore #1 - Prelim Plan 0													Offset Site Error:	0.00 usft	
Survey Program:		0-MWD					Rule Assigned:							Offset Well Error:	0.50 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)	Ellipses (usft)	Minimum Separation (usft)				
10,350.00	9,725.59	9,759.88	9,725.59	24.43	23.31	102.46	319.80	399.90	802.64	757.11	45.53	17.630			
10,400.00	9,726.84	9,761.13	9,726.84	24.79	23.31	103.21	319.80	399.90	852.32	806.81	45.51	18.727			
10,450.00	9,728.09	9,762.38	9,728.09	25.19	23.31	103.96	319.80	399.90	902.04	856.54	45.50	19.824			
10,500.00	9,729.34	9,763.63	9,729.34	25.61	23.32	104.71	319.80	399.90	951.79	906.30	45.49	20.923			
10,550.00	9,730.58	9,764.87	9,730.58	26.06	23.32	105.44	319.80	399.90	1,001.56	956.08	45.48	22.020			
10,600.00	9,731.83	9,766.12	9,731.83	26.53	23.32	106.18	319.80	399.90	1,051.35	1,005.88	45.48	23.119			
10,650.00	9,733.08	9,767.37	9,733.08	27.03	23.32	106.91	319.80	399.90	1,101.16	1,055.69	45.47	24.216			
10,700.00	9,734.33	11,803.43	10,859.21	27.54	28.92	174.98	-806.70	399.46	1,129.41	1,094.68	34.73	32.520			
10,750.00	9,735.58	11,853.43	10,860.11	28.09	29.43	174.96	-856.69	399.44	1,129.10	1,093.99	35.11	32.157			
10,800.00	9,736.82	11,903.42	10,861.01	28.64	29.94	174.94	-906.68	399.42	1,128.79	1,093.29	35.50	31.801			
10,850.00	9,738.07	11,953.42	10,861.91	29.23	30.48	174.92	-956.66	399.40	1,128.47	1,092.57	35.90	31.433			
10,900.00	9,739.32	12,003.42	10,862.81	29.82	31.03	174.89	-1,006.65	399.38	1,128.16	1,091.85	36.31	31.073			
10,950.00	9,740.57	12,053.42	10,863.70	30.43	31.61	174.87	-1,056.64	399.36	1,127.85	1,091.11	36.73	30.703			
11,000.00	9,741.81	12,103.41	10,864.60	31.05	32.19	174.85	-1,106.63	399.35	1,127.53	1,090.37	37.16	30.341			
11,050.00	9,743.06	12,153.41	10,865.50	31.70	32.80	174.83	-1,156.62	399.33	1,127.22	1,089.61	37.61	29.972			
11,100.00	9,744.31	12,203.41	10,866.40	32.34	33.41	174.81	-1,206.61	399.31	1,126.91	1,088.85	38.06	29.610			
11,150.00	9,745.56	12,253.40	10,867.30	33.01	34.04	174.79	-1,256.60	399.29	1,126.59	1,088.07	38.52	29.244			
11,200.00	9,746.81	12,303.40	10,868.20	33.69	34.68	174.77	-1,306.59	399.27	1,126.28	1,087.29	38.99	28.885			
11,250.00	9,748.05	12,353.40	10,869.10	34.38	35.34	174.75	-1,356.58	399.25	1,125.97	1,086.49	39.48	28.523			
11,300.00	9,749.30	12,403.40	10,870.00	35.07	36.00	174.72	-1,406.57	399.23	1,125.66	1,085.70	39.96	28.168			
11,350.00	9,750.55	12,453.39	10,870.89	35.78	36.68	174.70	-1,456.56	399.21	1,125.35	1,084.88	40.46	27.812			
11,400.00	9,751.80	12,503.39	10,871.79	36.50	37.36	174.68	-1,506.55	399.19	1,125.04	1,084.07	40.96	27.463			
11,450.00	9,753.04	12,553.39	10,872.69	37.23	38.06	174.66	-1,556.53	399.17	1,124.72	1,083.24	41.48	27.114			
11,500.00	9,754.29	12,603.39	10,873.59	37.96	38.76	174.64	-1,606.52	399.15	1,124.41	1,082.41	42.00	26.773			
11,550.00	9,755.54	12,653.38	10,874.49	38.70	39.48	174.62	-1,656.51	399.13	1,124.10	1,081.57	42.53	26.431			
11,600.00	9,756.79	12,703.38	10,875.39	39.45	40.20	174.60	-1,706.50	399.11	1,123.79	1,080.73	43.06	26.098			
11,650.00	9,758.04	12,753.38	10,876.29	40.21	40.93	174.58	-1,756.49	399.09	1,123.48	1,079.87	43.61	25.765			
11,700.00	9,759.28	12,803.37	10,877.19	40.97	41.66	174.55	-1,806.48	399.07	1,123.17	1,079.02	44.15	25.439			
11,750.00	9,760.53	12,853.37	10,878.08	41.74	42.41	174.53	-1,856.47	399.05	1,122.86	1,078.15	44.71	25.116			
11,800.00	9,761.78	12,903.37	10,878.98	42.51	43.16	174.51	-1,906.46	399.03	1,122.55	1,077.28	45.27	24.799			
11,850.00	9,763.03	12,953.37	10,879.88	43.30	43.92	174.49	-1,956.45	399.02	1,122.24	1,076.40	45.83	24.485			
11,900.00	9,764.27	13,003.36	10,880.78	44.08	44.68	174.47	-2,006.44	399.00	1,121.93	1,075.52	46.40	24.178			
11,950.00	9,765.52	13,053.36	10,881.68	44.87	45.45	174.45	-2,056.43	398.98	1,121.62	1,074.63	46.98	23.873			
12,000.00	9,766.77	13,103.36	10,882.58	45.66	46.22	174.43	-2,106.42	398.96	1,121.31	1,073.74	47.56	23.575			
12,050.00	9,768.02	13,153.36	10,883.48	46.47	47.00	174.40	-2,156.41	398.94	1,121.00	1,072.85	48.15	23.280			
12,100.00	9,769.27	13,203.35	10,884.38	47.27	47.78	174.38	-2,206.39	398.92	1,120.69	1,071.95	48.74	22.992			
12,150.00	9,770.51	13,253.35	10,885.27	48.08	48.57	174.36	-2,256.38	398.90	1,120.38	1,071.04	49.34	22.706			
12,200.00	9,771.76	13,303.35	10,886.17	48.89	49.36	174.34	-2,306.37	398.88	1,120.07	1,070.13	49.94	22.427			
12,250.00	9,773.01	13,353.34	10,887.07	49.70	50.16	174.32	-2,356.36	398.86	1,119.76	1,069.21	50.55	22.151			
12,300.00	9,774.26	13,403.34	10,887.97	50.52	50.96	174.30	-2,406.35	398.84	1,119.45	1,068.29	51.16	21.882			
12,350.00	9,775.50	13,453.34	10,888.87	51.34	51.76	174.28	-2,456.34	398.82	1,119.14	1,067.37	51.78	21.615			
12,400.00	9,776.75	13,503.34	10,889.77	52.17	52.57	174.25	-2,506.33	398.80	1,118.83	1,066.44	52.39	21.355			
12,450.00	9,778.00	13,553.33	10,890.67	53.00	53.38	174.23	-2,556.32	398.78	1,118.53	1,065.51	53.02	21.097			
12,500.00	9,779.25	13,603.33	10,891.57	53.83	54.20	174.21	-2,606.31	398.76	1,118.22	1,064.58	53.64	20.846			
12,550.00	9,780.50	13,653.33	10,892.46	54.66	55.02	174.19	-2,656.30	398.74	1,117.91	1,063.64	54.27	20.597			
12,600.00	9,781.74	13,703.33	10,893.36	55.50	55.84	174.17	-2,706.29	398.72	1,117.60	1,062.70	54.91	20.355			
12,650.00	9,782.99	13,753.32	10,894.26	56.34	56.66	174.15	-2,756.28	398.70	1,117.29	1,061.75	55.55	20.115			
12,700.00	9,784.24	13,803.32	10,895.16	57.18	57.49	174.12	-2,806.26	398.68	1,116.99	1,060.80	56.18	19.881			
12,750.00	9,785.49	13,853.32	10,896.06	58.02	58.32	174.10	-2,856.25	398.67	1,116.68	1,059.85	56.83	19.650			
12,800.00	9,786.73	13,903.31	10,896.96	58.87	59.15	174.08	-2,906.24	398.65	1,116.37	1,058.90	57.48	19.423			
12,850.00	9,787.98	13,953.31	10,897.86	59.71	59.98	174.06	-2,956.23	398.63	1,116.06	1,057.94	58.13	19.200			
12,900.00	9,789.23	14,003.31	10,898.76	60.56	60.82	174.04	-3,006.22	398.61	1,115.76	1,056.98	58.78	18.982			

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



SB Directional Anticollision Report

PRIDE ENERGY COMPANY

Company:	PRIDE ENERGY	Local Co-ordinate Reference:	Well GO STATE COM 102-H
Project:	LEA CO., NM (NAD83)	TVD Reference:	RKB @ 3975.00usft
Reference Site:	SEC 13-T19S-R34E	MD Reference:	RKB @ 3975.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	GO STATE COM 102-H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.50 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Prelim Plan 0	Offset TVD Reference:	Offset Datum

Offset Design: SEC 13-T19S-R34E - GO STATE COM 306-H - Wellbore #1 - Prelim Plan 0											Offset Site Error: 0.00 usft		
Survey Program: 0-MWD				Rule Assigned:								Offset Well Error: 0.50 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)
12,950.00	9,790.48	14,053.31	10,899.65	61.42	61.66	174.02	-3,056.21	398.59	1,115.45	1,056.02	59.44	18.767	
13,000.00	9,791.73	14,103.30	10,900.55	62.27	62.50	173.99	-3,106.20	398.57	1,115.14	1,055.05	60.09	18.557	
13,050.00	9,792.97	14,153.30	10,901.45	63.12	63.34	173.97	-3,156.19	398.55	1,114.84	1,054.08	60.76	18.349	
13,100.00	9,794.22	14,203.30	10,902.35	63.98	64.19	173.95	-3,206.18	398.53	1,114.53	1,053.11	61.42	18.146	
13,150.00	9,795.47	14,253.30	10,903.25	64.84	65.03	173.93	-3,256.17	398.51	1,114.23	1,052.14	62.09	17.946	
13,200.00	9,796.72	14,303.29	10,904.15	65.70	65.88	173.91	-3,306.16	398.49	1,113.92	1,051.16	62.76	17.750	
13,250.00	9,797.96	14,353.29	10,905.05	66.56	66.73	173.89	-3,356.15	398.47	1,113.61	1,050.18	63.43	17.557	
13,300.00	9,799.21	14,403.29	10,905.95	67.42	67.58	173.86	-3,406.14	398.45	1,113.31	1,049.21	64.10	17.368	
13,350.00	9,800.46	14,453.28	10,906.84	68.29	68.44	173.84	-3,456.12	398.43	1,113.00	1,048.22	64.78	17.181	
13,400.00	9,801.71	14,503.28	10,907.74	69.15	69.29	173.82	-3,506.11	398.41	1,112.70	1,047.24	65.46	16.999	
13,450.00	9,802.96	14,553.28	10,908.64	70.02	70.15	173.80	-3,556.10	398.39	1,112.39	1,046.25	66.14	16.819	
13,500.00	9,804.20	14,603.28	10,909.54	70.89	71.01	173.78	-3,606.09	398.37	1,112.09	1,045.26	66.82	16.642	
13,550.00	9,805.45	14,653.27	10,910.44	71.76	71.87	173.75	-3,656.08	398.35	1,111.78	1,044.27	67.51	16.469	
13,600.00	9,806.70	14,703.27	10,911.34	72.63	72.73	173.73	-3,706.07	398.33	1,111.48	1,043.28	68.20	16.298	
13,650.00	9,807.95	14,753.27	10,912.24	73.50	73.59	173.71	-3,756.06	398.32	1,111.17	1,042.29	68.89	16.131	
13,700.00	9,809.19	14,803.27	10,913.14	74.37	74.45	173.69	-3,806.05	398.30	1,110.87	1,041.29	69.58	15.966	
13,750.00	9,810.44	14,853.26	10,914.03	75.25	75.32	173.67	-3,856.04	398.28	1,110.56	1,040.29	70.27	15.804	
13,800.00	9,811.69	14,903.26	10,914.93	76.12	76.19	173.65	-3,906.03	398.26	1,110.26	1,039.29	70.97	15.645	
13,850.00	9,812.94	14,953.26	10,915.83	77.00	77.05	173.62	-3,956.02	398.24	1,109.96	1,038.29	71.66	15.488	
13,900.00	9,814.19	15,003.25	10,916.73	77.87	77.92	173.60	-4,006.01	398.22	1,109.65	1,037.29	72.36	15.335	
13,950.00	9,815.43	15,053.25	10,917.63	78.75	78.79	173.58	-4,055.99	398.20	1,109.35	1,036.29	73.06	15.183	
14,000.00	9,816.68	15,103.25	10,918.53	79.63	79.66	173.56	-4,105.98	398.18	1,109.05	1,035.28	73.76	15.035	
14,050.00	9,817.93	15,153.25	10,919.43	80.51	80.53	173.54	-4,155.97	398.16	1,108.74	1,034.27	74.47	14.889	
14,100.00	9,819.18	15,203.24	10,920.33	81.39	81.40	173.51	-4,205.96	398.14	1,108.44	1,033.26	75.17	14.745	
14,150.00	9,820.42	15,253.24	10,921.22	82.27	82.28	173.49	-4,255.95	398.12	1,108.14	1,032.25	75.88	14.603	
14,200.00	9,821.67	15,303.24	10,922.12	83.15	83.15	173.47	-4,305.94	398.10	1,107.83	1,031.24	76.59	14.464	
14,250.00	9,822.92	15,353.24	10,923.02	84.03	84.03	173.45	-4,355.93	398.08	1,107.53	1,030.23	77.30	14.327	
14,300.00	9,824.17	15,403.23	10,923.92	84.92	84.90	173.43	-4,405.92	398.06	1,107.23	1,029.21	78.01	14.193	
14,350.00	9,825.42	15,453.23	10,924.82	85.80	85.78	173.40	-4,455.91	398.04	1,106.93	1,028.20	78.73	14.060	
14,400.00	9,826.66	15,503.23	10,925.72	86.68	86.66	173.38	-4,505.90	398.02	1,106.62	1,027.18	79.44	13.930	
14,450.00	9,827.91	15,553.22	10,926.62	87.57	87.54	173.36	-4,555.89	398.00	1,106.32	1,026.16	80.16	13.801	
14,500.00	9,829.16	15,603.22	10,927.52	88.46	88.41	173.34	-4,605.88	397.98	1,106.02	1,025.14	80.88	13.675	
14,550.00	9,830.41	15,653.22	10,928.41	89.34	89.29	173.32	-4,655.87	397.97	1,105.72	1,024.12	81.60	13.551	
14,600.00	9,831.65	15,703.22	10,929.31	90.23	90.17	173.29	-4,705.85	397.95	1,105.42	1,023.10	82.32	13.429	
14,650.00	9,832.90	15,753.21	10,930.21	91.12	91.06	173.27	-4,755.84	397.93	1,105.12	1,022.08	83.04	13.308	
14,700.00	9,834.15	15,803.21	10,931.11	92.00	91.94	173.25	-4,805.83	397.91	1,104.82	1,021.05	83.76	13.190	
14,747.71	9,835.34	15,850.92	10,931.97	92.85	92.78	173.23	-4,853.53	397.89	1,104.53	1,020.07	84.45	13.078	

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



SB Directional Anticollision Report

PRIDE ENERGY COMPANY

Company:	PRIDE ENERGY	Local Co-ordinate Reference:	Well GO STATE COM 102-H
Project:	LEA CO., NM (NAD83)	TVD Reference:	RKB @ 3975.00usft
Reference Site:	SEC 13-T19S-R34E	MD Reference:	RKB @ 3975.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	GO STATE COM 102-H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.50 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Prelim Plan 0	Offset TVD Reference:	Offset Datum

Reference Depths are relative to RKB @ 3975.00usft

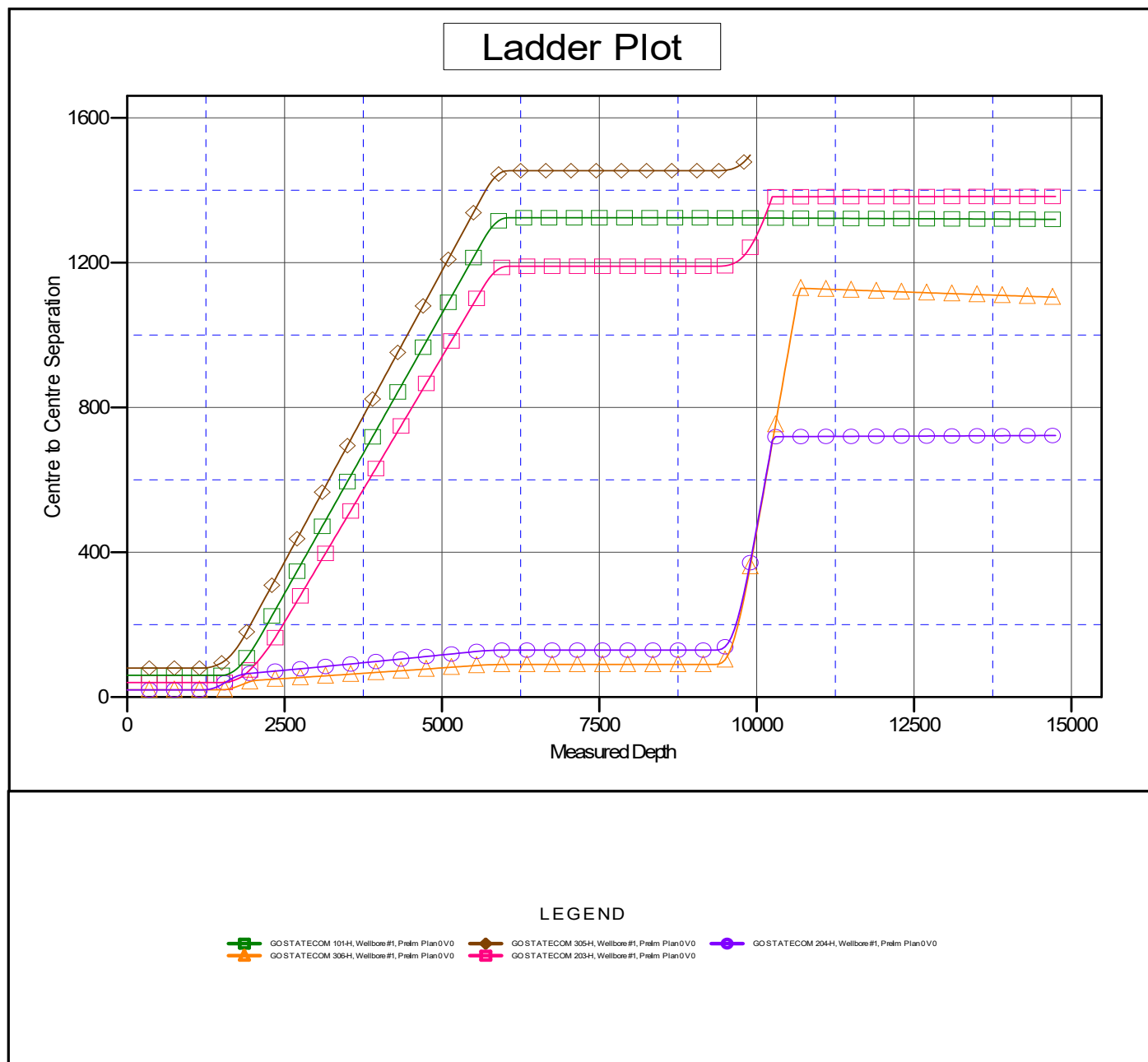
Offset Depths are relative to Offset Datum

Central Meridian is -104.333334

Coordinates are relative to: GO STATE COM 102-H

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

Grid Convergence at Surface is: 0.44°



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



SB Directional Anticollision Report

PRIDE ENERGY COMPANY

Company:	PRIDE ENERGY	Local Co-ordinate Reference:	Well GO STATE COM 102-H
Project:	LEA CO., NM (NAD83)	TVD Reference:	RKB @ 3975.00usft
Reference Site:	SEC 13-T19S-R34E	MD Reference:	RKB @ 3975.00usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	GO STATE COM 102-H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.50 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.16 Single User Db
Reference Design:	Prelim Plan 0	Offset TVD Reference:	Offset Datum

Reference Depths are relative to RKB @ 3975.00usft

Offset Depths are relative to Offset Datum

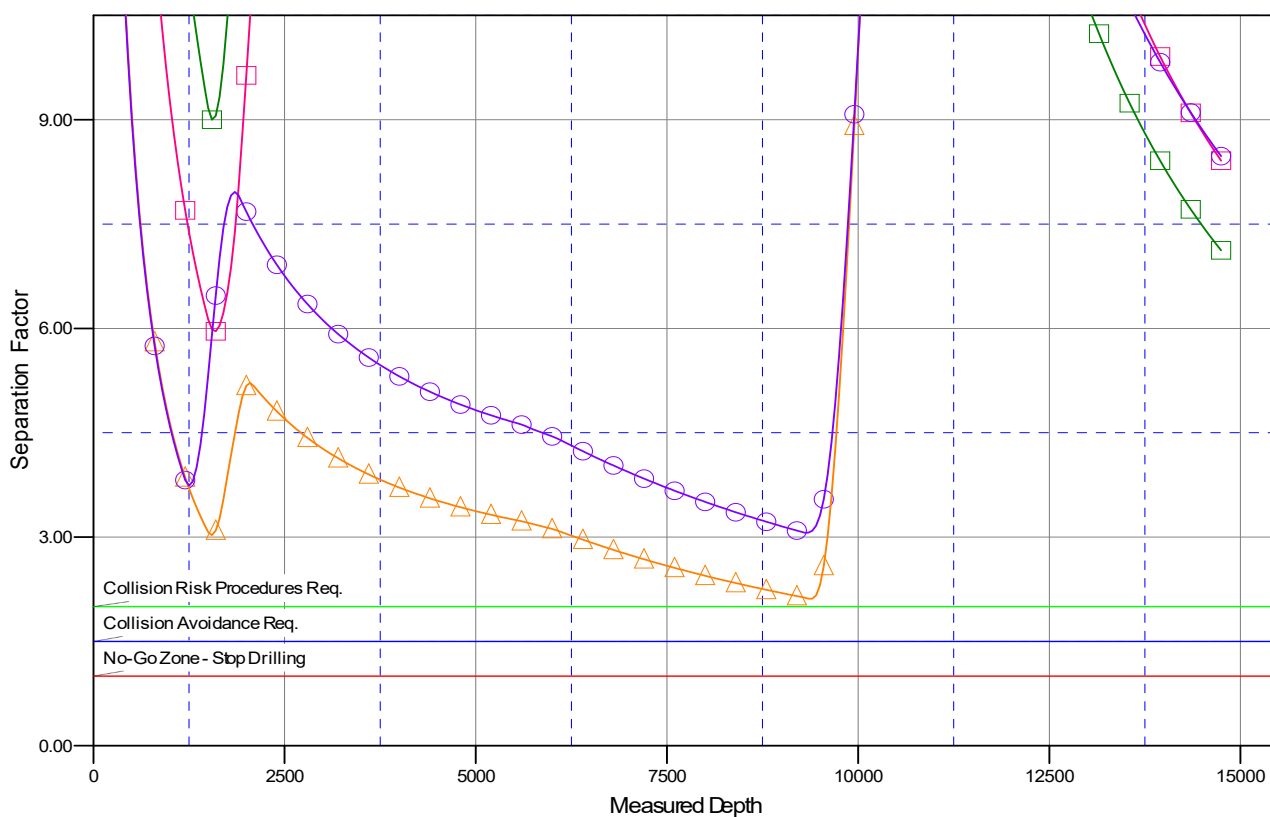
Central Meridian is -104.333334

Coordinates are relative to: GO STATE COM 102-H

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

Grid Convergence at Surface is: 0.44°

Separation Factor Plot



LEGEND

- GO STATECOM 101-H, Wellbore #1, Prelim Plan 0V0
- GO STATECOM 305-H, Wellbore #1, Prelim Plan 0V0
- GO STATECOM 204-H, Wellbore #1, Prelim Plan 0V0
- GO STATECOM 203-H, Wellbore #1, Prelim Plan 0V0

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