

District I1625 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 295475

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 30-025-48906
4. Property Code 330838	5. Property Name GO STATE COM	6. Well No. 203H

7. Surface Location

UL - Lot B	Section 13	Township 19S	Range 34E	Lot Idn B	Feet From 350	N/S Line N	Feet From 2640	E/W Line E	County Lea
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8. Proposed Bottom Hole Location

UL - Lot N	Section 13	Township 19S	Range 34E	Lot Idn N	Feet From 100	N/S Line S	Feet From 1980	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 15492	18. Formation 2nd 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	15492	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 15,492' 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:

OIL CONSERVATION DIVISION

Printed Name: Electronically filed by John Pride

Title: President

Email Address: johnp@pride-energy.com

Date: 4/27/2021

Phone: 918-524-9200

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 203-H
OGRID No.	Operator Name PRIDE ENERGY COMPANY	Elevation 3950'

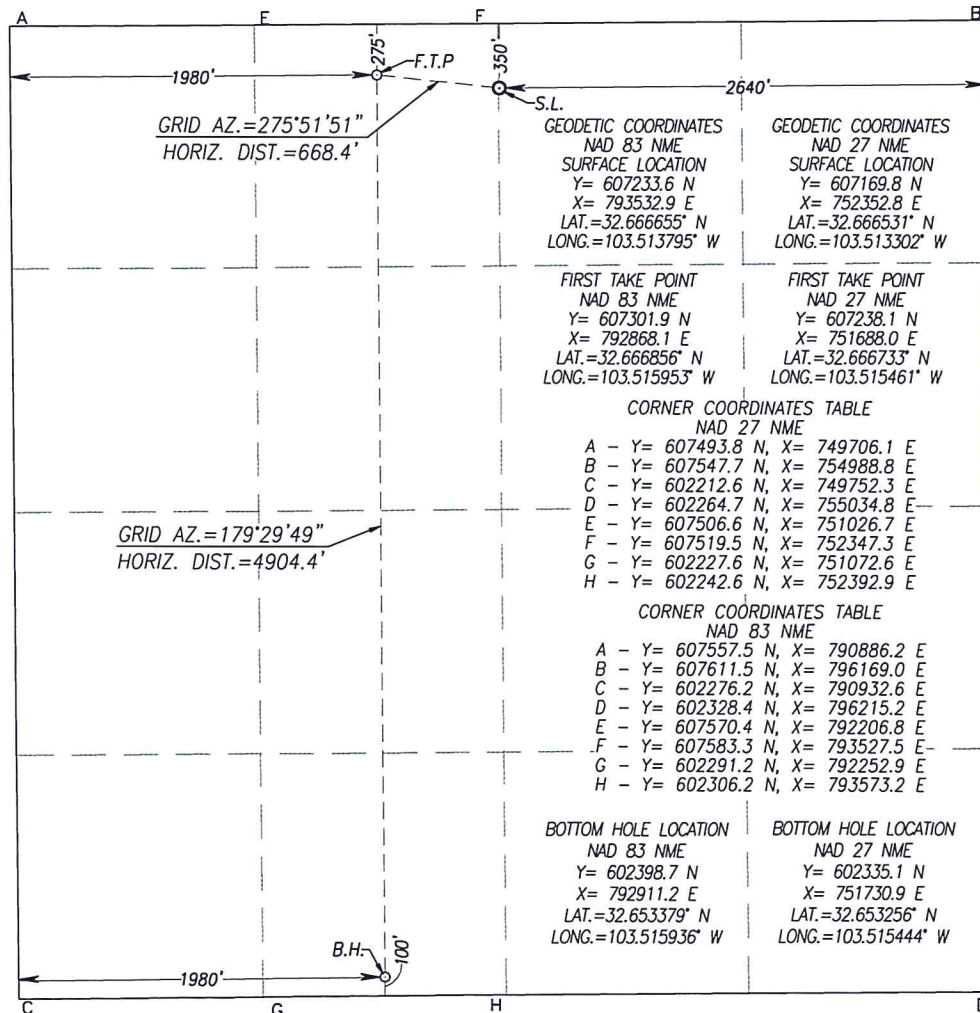
Surface Location

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	2640	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
N	13	19-S	34-E		100	SOUTH	1980	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
johnp@pride-energy.com
Email 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.

Gary G. Eidson 04/23/2021
Date of Survey
Signature Seal of Professional Surveyor
12641
Certificate Number
GARY G. EIDSON
Ronald J. Eidson 3239
ACK JWSC W.O.: 21.11.0172

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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 #203H	30-025-48906	B-13-19S-34E	0350N 2640E	1000	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 295475

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:	PRIDE ENERGY COMPANY [151323] P.O. Box 701950 Tulsa, OK 74170-1950	API Number:	30-025-48906
		Well:	GO STATE COM #203H

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 NMOCDC 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.
pkautz	Stage Tool 1) Must notify OCD Hobbs Office prior to running Stage Tool 2) If using Stage Tool on Surface casing, Stage Tool must be set greater than 350' from surface and a minimum of 200 feet above surface shoe. 3) When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe.



PRIDE ENERGY

LEA CO., NM (NAD83)

SEC 13-T19S-R34E

GO STATE COM 203-H

Wellbore #1

Plan: Prelim Plan 0

Standard Planning Report - Geographic

25 April, 2021

PRIDE ENERGY COMPANY



SB Directional

Planning Report - Geographic

PRIDE ENERGY COMPANY

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well GO STATE COM 203-H
Company:	PRIDE ENERGY	TVD Reference:	RKB @ 3975.00usft
Project:	LEA CO., NM (NAD83)	MD Reference:	RKB @ 3975.00usft
Site:	SEC 13-T19S-R34E	North Reference:	Grid
Well:	GO STATE COM 203-H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Prelim Plan 0		

Project	LEA CO., NM (NAD83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site		SEC 13-T19S-R34E			
Site Position:		Northing:	607,493.80 usft	Latitude:	32.668219
From:	Map	Easting:	749,706.10 usft	Longitude:	-103.656201
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "		

Well		GO STATE COM 203-H				
Well Position	+N/-S	0.00 usft	Northing:	607,233.60 usft	Latitude:	32.666655
	+E/-W	0.00 usft	Easting:	793,532.90 usft	Longitude:	-103.513795
Position Uncertainty		0.50 usft	Wellhead Elevation:	usft	Ground Level:	3,950.00 usft
Grid Convergence:		0.44 °				

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	2021/04/23	6.57	60.32	47,772.75695326

Design	Prelim Plan 0			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	180.00

Plan Survey Tool Program	Date	2021/04/25		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	15,491.74 Prelim Plan 0 (Wellbore #1)	MWD	MWD - Standard

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,371.73	11.43	295.87	2,367.94	24.81	-51.17	2.00	2.00	0.00	295.87	
5,497.89	11.43	295.87	5,432.06	295.19	-608.83	0.00	0.00	0.00	0.00	
6,069.63	0.00	0.00	6,000.00	320.00	-660.00	2.00	-2.00	0.00	180.00	
10,012.63	0.00	0.00	9,943.00	320.00	-660.00	0.00	0.00	0.00	0.00	
10,750.46	88.54	179.57	10,420.31	-145.29	-656.54	12.00	12.00	0.00	179.57	PBHL - GO STATE COM
15,491.74	88.54	179.57	10,541.11	-4,884.90	-621.33	0.00	0.00	0.00	0.00	



SB Directional

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PRIDE ENERGY COMPANY

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Company:	PRIDE ENERGY	TVD Reference:	RKB @ 3975.00usft
Project:	LEA CO., NM (NAD83)	MD Reference:	RKB @ 3975.00usft
Site:	SEC 13-T19S-R34E	North Reference:	Grid
Well:	GO STATE COM 203-H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Prelim Plan 0		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.00	0.00	0.00	0.00	0.00	0.00	607,233.60	793,532.90	32.666655	-103.513795
100.00	0.00	0.00	100.00	0.00	0.00	607,233.60	793,532.90	32.666655	-103.513795
200.00	0.00	0.00	200.00	0.00	0.00	607,233.60	793,532.90	32.666655	-103.513795
300.00	0.00	0.00	300.00	0.00	0.00	607,233.60	793,532.90	32.666655	-103.513795
400.00	0.00	0.00	400.00	0.00	0.00	607,233.60	793,532.90	32.666655	-103.513795
500.00	0.00	0.00	500.00	0.00	0.00	607,233.60	793,532.90	32.666655	-103.513795
600.00	0.00	0.00	600.00	0.00	0.00	607,233.60	793,532.90	32.666655	-103.513795
700.00	0.00	0.00	700.00	0.00	0.00	607,233.60	793,532.90	32.666655	-103.513795
800.00	0.00	0.00	800.00	0.00	0.00	607,233.60	793,532.90	32.666655	-103.513795
900.00	0.00	0.00	900.00	0.00	0.00	607,233.60	793,532.90	32.666655	-103.513795
1,000.00	0.00	0.00	1,000.00	0.00	0.00	607,233.60	793,532.90	32.666655	-103.513795
1,100.00	0.00	0.00	1,100.00	0.00	0.00	607,233.60	793,532.90	32.666655	-103.513795
1,200.00	0.00	0.00	1,200.00	0.00	0.00	607,233.60	793,532.90	32.666655	-103.513795
1,300.00	0.00	0.00	1,300.00	0.00	0.00	607,233.60	793,532.90	32.666655	-103.513795
1,400.00	0.00	0.00	1,400.00	0.00	0.00	607,233.60	793,532.90	32.666655	-103.513795
1,500.00	0.00	0.00	1,500.00	0.00	0.00	607,233.60	793,532.90	32.666655	-103.513795
1,600.00	0.00	0.00	1,600.00	0.00	0.00	607,233.60	793,532.90	32.666655	-103.513795
1,700.00	0.00	0.00	1,700.00	0.00	0.00	607,233.60	793,532.90	32.666655	-103.513795
1,800.00	0.00	0.00	1,800.00	0.00	0.00	607,233.60	793,532.90	32.666655	-103.513795
Start Nudge									
1,900.00	2.00	295.87	1,899.98	0.76	-1.57	607,234.36	793,531.33	32.666657	-103.513800
2,000.00	4.00	295.87	1,999.84	3.04	-6.28	607,236.65	793,526.62	32.666663	-103.513816
2,100.00	6.00	295.87	2,099.45	6.85	-14.12	607,240.45	793,518.78	32.666674	-103.513841
2,200.00	8.00	295.87	2,198.70	12.16	-25.09	607,245.77	793,507.81	32.666689	-103.513876
2,300.00	10.00	295.87	2,297.47	18.99	-39.16	607,252.59	793,493.74	32.666708	-103.513922
2,371.73	11.43	295.87	2,367.94	24.81	-51.16	607,258.41	793,481.73	32.666724	-103.513961
EOB									
2,400.00	11.43	295.87	2,395.65	27.25	-56.21	607,260.86	793,476.69	32.666731	-103.513977
2,500.00	11.43	295.87	2,493.67	35.90	-74.05	607,269.50	793,458.85	32.666755	-103.514035
2,600.00	11.43	295.87	2,591.68	44.55	-91.89	607,278.15	793,441.01	32.666779	-103.514093
2,700.00	11.43	295.87	2,689.70	53.20	-109.72	607,286.80	793,423.17	32.666803	-103.514150
2,800.00	11.43	295.87	2,787.71	61.85	-127.56	607,295.45	793,405.33	32.666827	-103.514208
2,900.00	11.43	295.87	2,885.73	70.50	-145.40	607,304.10	793,387.50	32.666852	-103.514266
3,000.00	11.43	295.87	2,983.74	79.15	-163.24	607,312.75	793,369.66	32.666876	-103.514324
3,100.00	11.43	295.87	3,081.76	87.80	-181.08	607,321.40	793,351.82	32.666900	-103.514381
3,200.00	11.43	295.87	3,179.77	96.45	-198.92	607,330.05	793,333.98	32.666924	-103.514439
3,300.00	11.43	295.87	3,277.79	105.09	-216.76	607,338.70	793,316.14	32.666948	-103.514497
3,400.00	11.43	295.87	3,375.80	113.74	-234.60	607,347.35	793,298.30	32.666972	-103.514555
3,500.00	11.43	295.87	3,473.82	122.39	-252.43	607,356.00	793,280.46	32.666997	-103.514612
3,600.00	11.43	295.87	3,571.83	131.04	-270.27	607,364.65	793,262.62	32.667021	-103.514670
3,700.00	11.43	295.87	3,669.85	139.69	-288.11	607,373.29	793,244.79	32.667045	-103.514728
3,800.00	11.43	295.87	3,767.86	148.34	-305.95	607,381.94	793,226.95	32.667069	-103.514786
3,900.00	11.43	295.87	3,865.88	156.99	-323.79	607,390.59	793,209.11	32.667093	-103.514843
4,000.00	11.43	295.87	3,963.89	165.64	-341.63	607,399.24	793,191.27	32.667117	-103.514901
4,100.00	11.43	295.87	4,061.91	174.29	-359.47	607,407.89	793,173.43	32.667141	-103.514959
4,200.00	11.43	295.87	4,159.92	182.94	-377.31	607,416.54	793,155.59	32.667166	-103.515017
4,300.00	11.43	295.87	4,257.94	191.59	-395.15	607,425.19	793,137.75	32.667190	-103.515074
4,400.00	11.43	295.87	4,355.95	200.23	-412.98	607,433.84	793,119.91	32.667214	-103.515132
4,500.00	11.43	295.87	4,453.97	208.88	-430.82	607,442.49	793,102.08	32.667238	-103.515190
4,600.00	11.43	295.87	4,551.98	217.53	-448.66	607,451.14	793,084.24	32.667262	-103.515248
4,700.00	11.43	295.87	4,650.00	226.18	-466.50	607,459.79	793,066.40	32.667286	-103.515305
4,800.00	11.43	295.87	4,748.01	234.83	-484.34	607,468.43	793,048.56	32.667310	-103.515363
4,900.00	11.43	295.87	4,846.03	243.48	-502.18	607,477.08	793,030.72	32.667335	-103.515421
5,000.00	11.43	295.87	4,944.05	252.13	-520.02	607,485.73	793,012.88	32.667359	-103.515479



SB Directional

Planning Report - Geographic

PRIDE ENERGY COMPANY

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Wellbore:	Wellbore #1		
Design:	Prelim Plan 0		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
5,100.00	11.43	295.87	5,042.06	260.78	-537.86	607,494.38	792,995.04	32.667383	-103.515536
5,200.00	11.43	295.87	5,140.08	269.43	-555.69	607,503.03	792,977.20	32.667407	-103.515594
5,300.00	11.43	295.87	5,238.09	278.08	-573.53	607,511.68	792,959.36	32.667431	-103.515652
5,400.00	11.43	295.87	5,336.11	286.73	-591.37	607,520.33	792,941.53	32.667455	-103.515710
5,497.89	11.43	295.87	5,432.05	295.19	-608.83	607,528.80	792,924.06	32.667479	-103.515766
EOH									
5,500.00	11.39	295.87	5,434.12	295.37	-609.21	607,528.98	792,923.69	32.667480	-103.515767
5,600.00	9.39	295.87	5,532.48	303.24	-625.44	607,536.85	792,907.46	32.667502	-103.515820
5,700.00	7.39	295.87	5,631.40	309.61	-638.57	607,543.21	792,894.32	32.667519	-103.515862
5,800.00	5.39	295.87	5,730.77	314.47	-648.59	607,548.07	792,884.31	32.667533	-103.515895
5,900.00	3.39	295.87	5,830.47	317.81	-655.48	607,551.41	792,877.42	32.667542	-103.515917
6,000.00	1.39	295.87	5,930.38	319.63	-659.24	607,553.23	792,873.66	32.667547	-103.515929
6,069.63	0.00	0.00	6,000.01	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
Drop to Vertical									
6,100.00	0.00	0.00	6,030.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
6,200.00	0.00	0.00	6,130.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
6,300.00	0.00	0.00	6,230.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
6,400.00	0.00	0.00	6,330.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
6,500.00	0.00	0.00	6,430.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
6,600.00	0.00	0.00	6,530.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
6,700.00	0.00	0.00	6,630.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
6,800.00	0.00	0.00	6,730.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
6,900.00	0.00	0.00	6,830.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
7,000.00	0.00	0.00	6,930.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
7,100.00	0.00	0.00	7,030.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
7,200.00	0.00	0.00	7,130.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
7,300.00	0.00	0.00	7,230.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
7,400.00	0.00	0.00	7,330.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
7,500.00	0.00	0.00	7,430.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
7,600.00	0.00	0.00	7,530.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
7,700.00	0.00	0.00	7,630.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
7,800.00	0.00	0.00	7,730.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
7,900.00	0.00	0.00	7,830.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
8,000.00	0.00	0.00	7,930.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
8,100.00	0.00	0.00	8,030.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
8,200.00	0.00	0.00	8,130.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
8,300.00	0.00	0.00	8,230.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
8,400.00	0.00	0.00	8,330.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
8,500.00	0.00	0.00	8,430.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
8,600.00	0.00	0.00	8,530.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
8,700.00	0.00	0.00	8,630.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
8,800.00	0.00	0.00	8,730.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
8,900.00	0.00	0.00	8,830.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
9,000.00	0.00	0.00	8,930.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
9,100.00	0.00	0.00	9,030.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
9,200.00	0.00	0.00	9,130.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
9,300.00	0.00	0.00	9,230.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
9,400.00	0.00	0.00	9,330.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
9,500.00	0.00	0.00	9,430.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
9,600.00	0.00	0.00	9,530.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
9,700.00	0.00	0.00	9,630.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
9,800.00	0.00	0.00	9,730.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
9,900.00	0.00	0.00	9,830.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932
10,000.00	0.00	0.00	9,930.38	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932



SB Directional

Planning Report - Geographic

PRIDE ENERGY COMPANY

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well GO STATE COM 203-H
Company:	PRIDE ENERGY	TVD Reference:	RKB @ 3975.00usft
Project:	LEA CO., NM (NAD83)	MD Reference:	RKB @ 3975.00usft
Site:	SEC 13-T19S-R34E	North Reference:	Grid
Well:	GO STATE COM 203-H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Prelim Plan 0		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
10,012.63	0.00	0.00	9,943.01	320.00	-660.00	607,553.60	792,872.90	32.667548	-103.515932	
KOP @ 9943' TVD										
10,100.00	10.48	179.57	10,029.89	312.03	-659.94	607,545.63	792,872.96	32.667526	-103.515932	
10,200.00	22.48	179.57	10,125.60	283.70	-659.73	607,517.31	792,873.17	32.667449	-103.515932	
10,274.44	31.42	179.57	10,191.89	250.00	-659.48	607,483.60	792,873.42	32.667356	-103.515932	
X FTP @ 10274' MD, 100' FNL, 1980' FWL										
10,300.00	34.48	179.57	10,213.34	236.10	-659.38	607,469.70	792,873.52	32.667318	-103.515932	
10,400.00	46.48	179.57	10,289.25	171.30	-658.90	607,404.90	792,874.00	32.667140	-103.515932	
10,500.00	58.48	179.57	10,350.04	92.12	-658.31	607,325.73	792,874.59	32.666922	-103.515932	
10,595.96	70.00	179.57	10,391.67	5.84	-657.67	607,239.45	792,875.23	32.666685	-103.515932	
70° INC @ 10596' MD, 344' FNL, 1980' FWL										
10,600.00	70.48	179.57	10,393.04	2.04	-657.64	607,235.65	792,875.26	32.666674	-103.515932	
10,700.00	82.48	179.57	10,416.36	-95.01	-656.92	607,138.60	792,875.98	32.666408	-103.515932	
10,750.46	88.54	179.57	10,420.31	-145.29	-656.54	607,088.32	792,876.35	32.666269	-103.515932	
LP @ 10420' TVD										
10,800.00	88.54	179.57	10,421.57	-194.81	-656.18	607,038.79	792,876.72	32.666133	-103.515932	
10,900.00	88.54	179.57	10,424.12	-294.78	-655.43	606,938.83	792,877.47	32.665859	-103.515932	
11,000.00	88.54	179.57	10,426.67	-394.74	-654.69	606,838.86	792,878.21	32.665584	-103.515932	
11,100.00	88.54	179.57	10,429.22	-494.71	-653.95	606,738.90	792,878.95	32.665309	-103.515933	
11,200.00	88.54	179.57	10,431.76	-594.67	-653.20	606,638.93	792,879.69	32.665034	-103.515933	
11,300.00	88.54	179.57	10,434.31	-694.63	-652.46	606,538.97	792,880.44	32.664759	-103.515933	
11,400.00	88.54	179.57	10,436.86	-794.60	-651.72	606,439.00	792,881.18	32.664485	-103.515933	
11,500.00	88.54	179.57	10,439.41	-894.56	-650.98	606,339.04	792,881.92	32.664210	-103.515933	
11,600.00	88.54	179.57	10,441.96	-994.53	-650.23	606,239.07	792,882.66	32.663935	-103.515933	
11,700.00	88.54	179.57	10,444.50	-1,094.49	-649.49	606,139.11	792,883.41	32.663660	-103.515933	
11,800.00	88.54	179.57	10,447.05	-1,194.46	-648.75	606,039.14	792,884.15	32.663386	-103.515933	
11,900.00	88.54	179.57	10,449.60	-1,294.42	-648.01	605,939.18	792,884.89	32.663111	-103.515933	
12,000.00	88.54	179.57	10,452.15	-1,394.39	-647.26	605,839.22	792,885.64	32.662836	-103.515933	
12,100.00	88.54	179.57	10,454.70	-1,494.35	-646.52	605,739.25	792,886.38	32.662561	-103.515933	
12,200.00	88.54	179.57	10,457.24	-1,594.32	-645.78	605,639.29	792,887.12	32.662287	-103.515933	
12,300.00	88.54	179.57	10,459.79	-1,694.28	-645.03	605,539.32	792,887.86	32.662012	-103.515934	
12,400.00	88.54	179.57	10,462.34	-1,794.25	-644.29	605,439.36	792,888.61	32.661737	-103.515934	
12,500.00	88.54	179.57	10,464.89	-1,894.21	-643.55	605,339.39	792,889.35	32.661462	-103.515934	
12,600.00	88.54	179.57	10,467.43	-1,994.18	-642.81	605,239.43	792,890.09	32.661188	-103.515934	
12,700.00	88.54	179.57	10,469.98	-2,094.14	-642.06	605,139.46	792,890.83	32.660913	-103.515934	
12,800.00	88.54	179.57	10,472.53	-2,194.11	-641.32	605,039.50	792,891.58	32.660638	-103.515934	
12,900.00	88.54	179.57	10,475.08	-2,294.07	-640.58	604,939.53	792,892.32	32.660363	-103.515934	
13,000.00	88.54	179.57	10,477.63	-2,394.04	-639.84	604,839.57	792,893.06	32.660089	-103.515934	
13,100.00	88.54	179.57	10,480.17	-2,494.00	-639.09	604,739.60	792,893.81	32.659814	-103.515934	
13,200.00	88.54	179.57	10,482.72	-2,593.97	-638.35	604,639.64	792,894.55	32.659539	-103.515934	
13,300.00	88.54	179.57	10,485.27	-2,693.93	-637.61	604,539.67	792,895.29	32.659264	-103.515934	
13,400.00	88.54	179.57	10,487.82	-2,793.90	-636.86	604,439.71	792,896.03	32.658989	-103.515935	
13,500.00	88.54	179.57	10,490.37	-2,893.86	-636.12	604,339.74	792,896.78	32.658715	-103.515935	
13,600.00	88.54	179.57	10,492.91	-2,993.82	-635.38	604,239.78	792,897.52	32.658440	-103.515935	
13,700.00	88.54	179.57	10,495.46	-3,093.79	-634.64	604,139.81	792,898.26	32.658165	-103.515935	
13,800.00	88.54	179.57	10,498.01	-3,193.75	-633.89	604,039.85	792,899.00	32.657890	-103.515935	
13,900.00	88.54	179.57	10,500.56	-3,293.72	-633.15	603,939.88	792,899.75	32.657616	-103.515935	
14,000.00	88.54	179.57	10,503.11	-3,393.68	-632.41	603,839.92	792,900.49	32.657341	-103.515935	
14,100.00	88.54	179.57	10,505.65	-3,493.65	-631.67	603,739.96	792,901.23	32.657066	-103.515935	
14,200.00	88.54	179.57	10,508.20	-3,593.61	-630.92	603,639.99	792,901.98	32.656791	-103.515935	
14,300.00	88.54	179.57	10,510.75	-3,693.58	-630.18	603,540.03	792,902.72	32.656517	-103.515935	
14,400.00	88.54	179.57	10,513.30	-3,793.54	-629.44	603,440.06	792,903.46	32.656242	-103.515935	
14,500.00	88.54	179.57	10,515.84	-3,893.51	-628.69	603,340.10	792,904.20	32.655967	-103.515935	
14,600.00	88.54	179.57	10,518.39	-3,993.47	-627.95	603,240.13	792,904.95	32.655692	-103.515936	



SB Directional

Planning Report - Geographic

PRIDE ENERGY COMPANY

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well GO STATE COM 203-H
Company:	PRIDE ENERGY	TVD Reference:	RKB @ 3975.00usft
Project:	LEA CO., NM (NAD83)	MD Reference:	RKB @ 3975.00usft
Site:	SEC 13-T19S-R34E	North Reference:	Grid
Well:	GO STATE COM 203-H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Prelim Plan 0		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
14,700.00	88.54	179.57	10,520.94	-4,093.44	-627.21	603,140.17	792,905.69	32.655418	-103.515936
14,800.00	88.54	179.57	10,523.49	-4,193.40	-626.47	603,040.20	792,906.43	32.655143	-103.515936
14,900.00	88.54	179.57	10,526.04	-4,293.37	-625.72	602,940.24	792,907.17	32.654868	-103.515936
15,000.00	88.54	179.57	10,528.58	-4,393.33	-624.98	602,840.27	792,907.92	32.654593	-103.515936
15,100.00	88.54	179.57	10,531.13	-4,493.30	-624.24	602,740.31	792,908.66	32.654318	-103.515936
15,200.00	88.54	179.57	10,533.68	-4,593.26	-623.50	602,640.34	792,909.40	32.654044	-103.515936
15,300.00	88.54	179.57	10,536.23	-4,693.23	-622.75	602,540.38	792,910.15	32.653769	-103.515936
15,400.00	88.54	179.57	10,538.78	-4,793.19	-622.01	602,440.41	792,910.89	32.653494	-103.515936
15,441.74	88.54	179.57	10,539.84	-4,834.92	-621.70	602,398.69	792,911.20	32.653380	-103.515936
LTP @ 15442' MD, 100' FSL, 1980' FWL									
15,491.73	88.54	179.57	10,541.11	-4,884.89	-621.33	602,348.72	792,911.57	32.653242	-103.515936
PBHL; 50' FSL, 1980' FWL									
15,491.74	88.54	179.57	10,541.11	-4,884.90	-621.33	602,348.70	792,911.57	32.653242	-103.515936

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
PBHL - GO STATE COM	0.00	0.00	0.00	-4,834.90	-621.70	602,398.70	792,911.20	32.653380	-103.515936
- plan misses target center by 4874.71usft at 0.00usft MD (0.00 TVD, 0.00 N, 0.00 E)									
- Point									

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
1,800.00	1,800.00	0.00	0.00	Start Nudge	
2,371.73	2,367.94	24.81	-51.16	EOB	
5,497.89	5,432.05	295.19	-608.83	EOH	
6,069.63	6,000.01	320.00	-660.00	Drop to Vertical	
10,012.63	9,943.01	320.00	-660.00	KOP @ 9943' TVD	
10,274.44	10,191.89	250.00	-659.48	X FTP @ 10274' MD, 100' FNL, 1980' FWL	
10,595.96	10,391.67	5.84	-657.67	70° INC @ 10596' MD, 344' FNL, 1980' FWL	
10,750.46	10,420.31	-145.29	-656.54	LP @ 10420' TVD	
15,441.74	10,539.84	-4,834.92	-621.70	LTP @ 15442' MD, 100' FSL, 1980' FWL	
15,491.73	10,541.11	-4,884.89	-621.33	PBHL; 50' FSL, 1980' FWL	