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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 409670

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

1. Operator Name and Address		2. OGRID Number
Texas Standard Operating NM LLC 3300 North A Street Midland, TX 79705		329818
		3. API Number 30-025-56081
4. Property Code 337375	5. Property Name BULLDOG STATE COM	6. Well No. 101H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
I	34	16S	36E	i	2215	S	1240	E	Lea

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	3	17S	36E	O	100	S	2090	E	Lea

9. Pool Information

WC-025 G-09 S173615C;UPPER PENN	98333

Additional Well Information

11. Work Type	12. Well Type	13. Cable/Rotary	14. Lease Type	15. Ground Level Elevation
New Well	OIL		State	3870
16. Multiple	**17. Proposed Depth**	**18. Formation**	**19. Contractor**	**20. Spud Date**
N	18654	Pennsylvanian Shale		4/30/2026
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	2050	1180	0
Int1	9.875	8.625	32	10500	555	0
Prod	7.875	5.5	23	18654	2345	0

Casing/Cement Program: Additional Comments

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	2500	2500	
Double Ram	5000	5000	
Pipe	5000	5000	

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I hereby certify that no additives containing PFAS chemicals will be added to the completion or recompletion of this well. **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 Murray Dinghans	Approved By:	Jeffrey Harrison
Title:		Title:	Petroleum Specialist III
Email Address:	murray@txsoil.com	Approved Date:	3/26/2026 Expiration Date: 3/26/2028
Date:	3/20/2026 Phone: 406-939-0852	Conditions of Approval Attached	

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

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
30-025-56081	98333	WC-025 G-09 S173615C; UPPER PENN

Property Code	Property Name	Well Number
337375	BULLDOG STATE COM	101H

OGRID No.	Operator Name	Ground Level Elevation
329818	TEXAS STANDARD OPERATING NM LLC	3870'

Surface Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal | Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	34	16S	36E		2215 FSL	1240 FEL	32.8773989°N	103.3378134°W	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
O	3	17S	36E		100 FSL	2090 FEL	32.8571206°N	103.3406024°W	LEA

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
478.99	Defining	Bulldog State Com 101H	N	C

Order Numbers. C: Pending | Well setbacks are under Common Ownership: ☐ Yes ☐ No N/A

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	34	16S	36E		2215 FSL	1240 FEL	32.8773989 N	103.3378134 W	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
J	34	16S	36E		2543 FSL	2090 FEL	32.8783045°N	103.3405774°W	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
O	3	17S	36E		100 FSL	2090 FEL	32.8571206°N	103.3406024°W	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type	Ground Floor Elevation:
N/A	☒ Horizontal ☐ Vertical	

OPERATOR CERTIFICATIONS

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

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Jennifer Elrod 3/20/2026

Signature Date

JENNIFER ELROD

Printed Name

JELROD@NTGLOBAL.COM

Email Address

SURVEYOR CERTIFICATIONS

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

DALE E. BELL NEW MEXICO 14400 3/5/2026 PROFESSIONAL SURVEYOR

Signature and Seal of Professional Surveyor

Certificate Number	Date of Survey
14400	02/24/2026

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

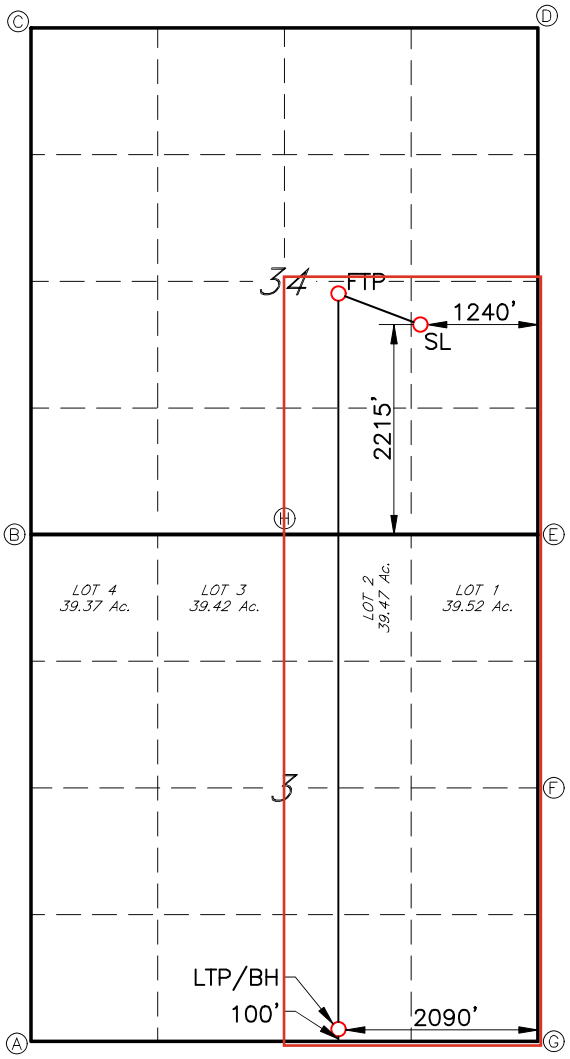
JOB #: LS26020190

ACREAGE DEDICATION PLATS

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

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

BULLDOG STATE COM #101H



GEODETIC DATA
NAD 83 GRID – NM EAST

SURFACE LOCATION (SL)
2215' FSL & 1240' FEL SEC.34
N: 684372.9 – E: 846968.3

LAT: 32.8773989° N
LONG: 103.3378134° W

FIRST TAKE POINT (FTP)
2543' FSL & 2090' FEL SEC.34
N: 684694.4 – E: 846116.6

LAT: 32.8783045° N
LONG: 103.3405774° W

LAST TAKE POINT/BOTTOM HOLE (LTP/BH)
100' FSL & 2090' FEL SEC.3
N: 676986.7 – E: 846181.4

LAT: 32.8571206° N
LONG: 103.3406024° W

CORNER DATA
NAD 83 GRID – NM EAST

A: FOUND SPIKE NAIL
N: 676847.9 – E: 842973.0

B: FOUND 1/2" REBAR
N: 682125.8 – E: 842948.9

C: CALCULATED CORNER
N: 687412.3 – E: 842905.1

D: FOUND 1/2" REBAR
N: 687454.4 – E: 848190.0

E: FOUND 3/8" REBAR
N: 682167.4 – E: 848221.2

F: FOUND 1/2" REBAR
N: 679546.0 – E: 848254.6

G: FOUND 1/2" REBAR
N: 676912.1 – E: 848271.6

H: FOUND 1/2" REBAR
N: 682148.1 – E: 845597.7

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Energy, Minerals and Natural Resources
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1220 S. St Francis Dr.
Santa Fe, NM 87505

Form APD Comments

Permit 409670

PERMIT COMMENTS

Operator Name and Address:	API Number:
Texas Standard Operating NM LLC [329818] 3300 North A Street Midland, TX 79705	30-025-56081
	Well: BULLDOG STATE COM #101H

Created By	Comment	Comment Date
jeffrey.harrison	Submitted as defining well.	3/26/2026

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Phone: (505) 476-3441

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

Form APD Conditions

Permit 409670

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:	API Number:
Texas Standard Operating NM LLC [329818] 3300 North A Street Midland, TX 79705	30-025-56081
	Well: BULLDOG STATE COM #101H

OCD Reviewer	Condition
jeffrey.harrison	No additives containing PFAS chemicals will be added to the drilling fluids or completion fluids used during drilling, completions, or recompletions operations.
jeffrey.harrison	File As Drilled C-102 and a directional Survey with C-104 completion packet.
jeffrey.harrison	A [C-103] Sub. Drilling (C-103N) is required within (10) days of spud.
jeffrey.harrison	Notify the OCD 24 hours prior to casing & cement.
jeffrey.harrison	Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils. Oil based mud, drilling fluids and solids must be contained in a steel closed loop system.
jeffrey.harrison	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.
jeffrey.harrison	Cement is required to circulate on both surface and intermediate1 strings of casing.
jeffrey.harrison	If the method of isolation was not by circulation, a CBL must be performed; if strata isolation is not achieved, then remediation will be required before further operations.
jeffrey.harrison	NSP required if not included in an existing order or not an infill to an appropriate defining well in the same pool and spacing unit.

BULLDOG STATE COM 101H
PLAN 1

WELL DETAILS: BULLDOG STATE COM 101H

ELEVATION: 3870' GL + 30' KB @ 3900.00usft (Original Well Elev)

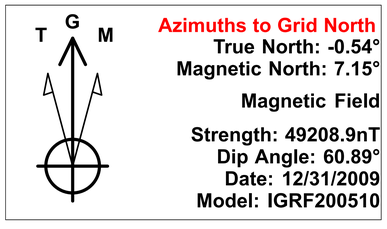
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	684372.90	846968.30	32.87739896	-103.33781353

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2150.00	0.00	0.00	2150.00	0.00	0.00	0.00	0.00	0.00	START NUDGE: 2°/100'
2755.60	12.11	290.68	2751.10	22.52	-59.66	2.00	290.68	-23.02	
6486.45	12.11	290.68	6398.90	298.98	-792.04	0.00	0.00	-305.60	START DROP: 2°/100'
7092.05	0.00	0.00	7000.00	321.50	-851.70	2.00	180.00	-328.62	BACK TO VERTICAL
10619.09	0.00	0.00	10527.04	321.50	-851.70	0.00	0.00	-328.62	KOP: 10°/100'
11519.09	90.00	179.52	11100.00	-251.44	-846.88	10.00	179.52	244.33	EOC; HOLD TO TD
18654.11	90.00	179.52	11100.00	-7386.20	-786.90	0.00	0.00	7379.35	TD at 18654.11

Project: LEA CO., NM (NAD83 - NME)
Site: SEC 34-T16S-R36E
Well: BULLDOG STATE COM 101H
Wellbore: ORIGINAL WELLPATH
Design: PLAN 1
Depths: 3870' GL + 30' KB @ 3900.00usft (Original Well Elev)

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

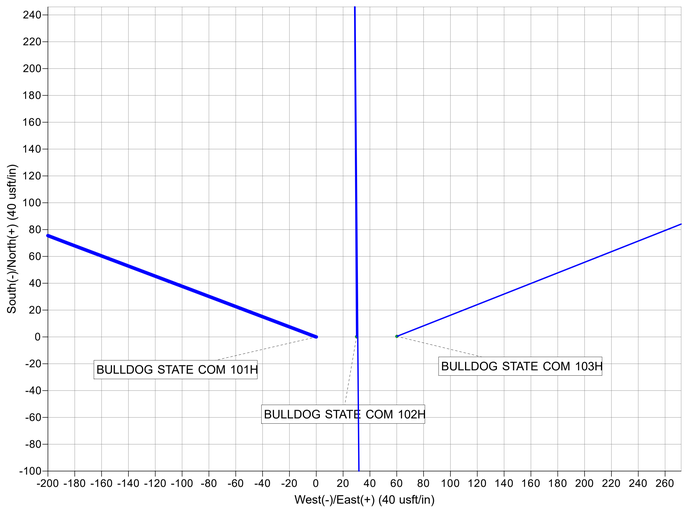


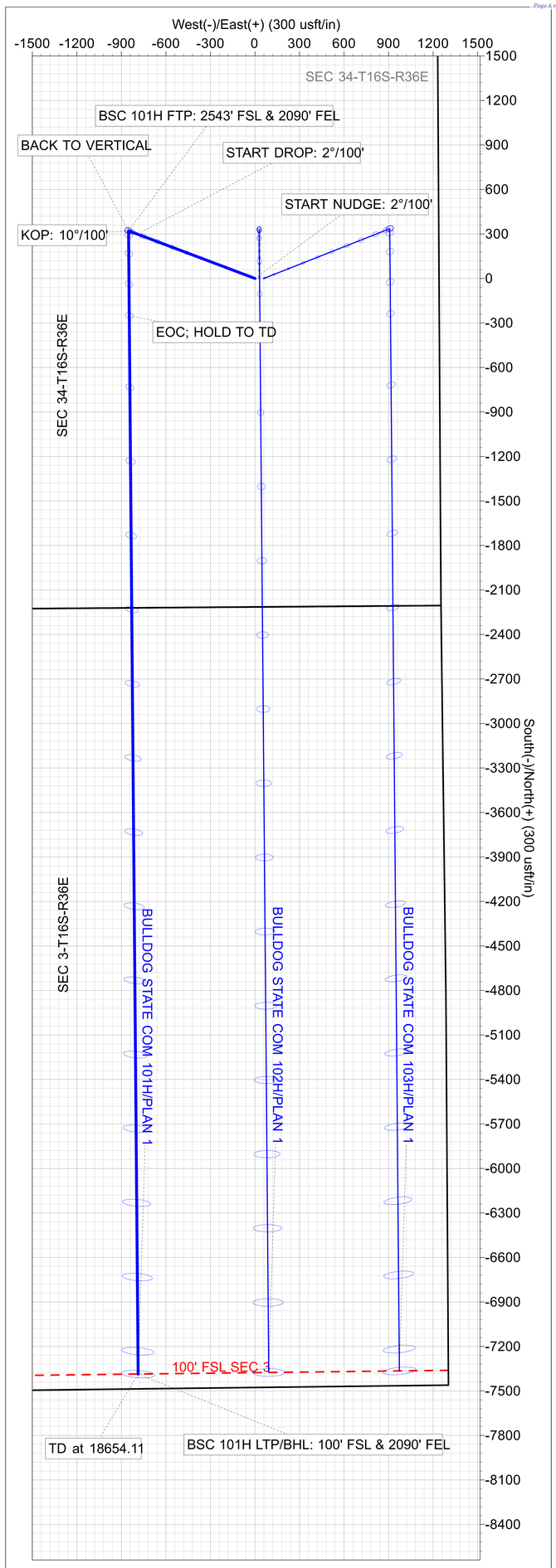
Azimuths to Grid North
True North: -0.54°
Magnetic North: 7.15°

Magnetic Field
Strength: 49208.9nT
Dip Angle: 60.89°
Date: 12/31/2009
Model: IGRF200510

Grid North is 0.54° East of True North (Grid Convergence)
Magnetic North is 7.69° East of True North (Magnetic Declination)
Magnetic North is 7.15° East of Grid North (Magnetic Convergence)

To convert a True Direction to a Grid Direction, Subtract 0.54°
To convert a Magnetic Direction to a True Direction, Add 7.69° East
To convert a Magnetic Direction to a Grid Direction, Add 7.15°





TEXAS STANDARD OP NM LLC

LEA CO., NM (NAD83 - NME)
SEC 34-T16S-R36E
BULLDOG STATE COM 101H

ORIGINAL WELLPATH

Plan: PLAN 1

Standard Planning Report

17 March, 2026

Planning Report

Database:	1 - EDM Production	**Local Co-ordinate Reference:**	Well BULLDOG STATE COM 101H
Company:	TEXAS STANDARD OP NM LLC	**TVD Reference:**	3870' GL + 30' KB @ 3900.00usft (Original Well Elev)
Project:	LEA CO., NM (NAD83 - NME)	**MD Reference:**	3870' GL + 30' KB @ 3900.00usft (Original Well Elev)
Site:	SEC 34-T16S-R36E	**North Reference:**	Grid
Well:	BULLDOG STATE COM 101H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	ORIGINAL WELLPATH		
Design:	PLAN 1		

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

Site	SEC 34-T16S-R36E				
Site Position:		**Northing:**	684,372.90 usft	**Latitude:**	32.87739896
From:	Map	**Easting:**	846,968.30 usft	**Longitude:**	-103.33781353
Position Uncertainty:	0.50 usft	**Slot Radius:**	13-3/16 "		

Well	BULLDOG STATE COM 101H					
Well Position	**+N/-S**	0.00 usft	**Northing:**	684,372.90 usft	**Latitude:**	32.87739896
	+E/-W	0.00 usft	**Easting:**	846,968.30 usft	**Longitude:**	-103.33781353
Position Uncertainty		0.50 usft	**Wellhead Elevation:**	usft	**Ground Level:**	3,870.00 usft
Grid Convergence:		0.54 °				

Wellbore	ORIGINAL WELLPATH				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF200510	12/31/2009	7.69	60.89	49,208.86199605

Design	PLAN 1			
Audit Notes:				
Version:	**Phase:**	PLAN	**Tie On Depth:**	0.00

Vertical Section:	**Depth From (TVD) (usft)**	**+N/-S (usft)**	**+E/-W (usft)**	**Direction (°)**
	0.00	0.00	0.00	179.52

Plan Survey Tool Program **Date** 3/17/2026

	Depth From (usft)	**Depth To (usft)**	**Survey (Wellbore)**	**Tool Name**	**Remarks**
1	0.00	18,654.11	PLAN 1 (ORIGINAL WELLPATH)	MWD+HRGM	
				OWSG MWD + HRGM	

Planning Report

Database:	1 - EDM Production	**Local Co-ordinate Reference:**	Well BULLDOG STATE COM 101H
Company:	TEXAS STANDARD OP NM LLC	**TVD Reference:**	3870' GL + 30' KB @ 3900.00usft (Original Well Elev)
Project:	LEA CO., NM (NAD83 - NME)	**MD Reference:**	3870' GL + 30' KB @ 3900.00usft (Original Well Elev)
Site:	SEC 34-T16S-R36E	**North Reference:**	Grid
Well:	BULLDOG STATE COM 101H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	ORIGINAL WELLPATH		
Design:	PLAN 1		

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,150.00	0.00	0.00	2,150.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,755.60	12.11	290.68	2,751.10	22.52	-59.66	2.00	2.00	0.00	290.68	
6,486.45	12.11	290.68	6,398.90	298.98	-792.04	0.00	0.00	0.00	0.00	
7,092.05	0.00	0.00	7,000.00	321.50	-851.70	2.00	-2.00	0.00	180.00	
10,619.09	0.00	0.00	10,527.04	321.50	-851.70	0.00	0.00	0.00	0.00	
11,519.09	90.00	179.52	11,100.00	-251.44	-846.88	10.00	10.00	19.95	179.52	
18,654.11	90.00	179.52	11,100.00	-7,386.20	-786.90	0.00	0.00	0.00	0.00	BSC 101H LTP/BHL:

Planning Report

Database:	1 - EDM Production	**Local Co-ordinate Reference:**	Well BULLDOG STATE COM 101H
Company:	TEXAS STANDARD OP NM LLC	**TVD Reference:**	3870' GL + 30' KB @ 3900.00usft (Original Well Elev)
Project:	LEA CO., NM (NAD83 - NME)	**MD Reference:**	3870' GL + 30' KB @ 3900.00usft (Original Well Elev)
Site:	SEC 34-T16S-R36E	**North Reference:**	Grid
Well:	BULLDOG STATE COM 101H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	ORIGINAL WELLPATH		
Design:	PLAN 1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	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
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,150.00	0.00	0.00	2,150.00	0.00	0.00	0.00	0.00	0.00	0.00
START NUDGE: 2°/100'									
2,200.00	1.00	290.68	2,200.00	0.15	-0.41	-0.16	2.00	2.00	0.00
2,300.00	3.00	290.68	2,299.93	1.39	-3.67	-1.42	2.00	2.00	0.00
2,400.00	5.00	290.68	2,399.68	3.85	-10.20	-3.94	2.00	2.00	0.00
2,500.00	7.00	290.68	2,499.13	7.54	-19.98	-7.71	2.00	2.00	0.00
2,600.00	9.00	290.68	2,598.15	12.46	-33.00	-12.73	2.00	2.00	0.00
2,700.00	11.00	290.68	2,696.63	18.59	-49.24	-19.00	2.00	2.00	0.00
2,755.60	12.11	290.68	2,751.10	22.52	-59.66	-23.02	2.00	2.00	0.00
2,800.00	12.11	290.68	2,794.51	25.81	-68.38	-26.38	0.00	0.00	0.00
2,900.00	12.11	290.68	2,892.29	33.22	-88.01	-33.96	0.00	0.00	0.00
3,000.00	12.11	290.68	2,990.06	40.63	-107.64	-41.53	0.00	0.00	0.00
3,100.00	12.11	290.68	3,087.83	48.04	-127.27	-49.11	0.00	0.00	0.00
3,200.00	12.11	290.68	3,185.61	55.45	-146.90	-56.68	0.00	0.00	0.00
3,300.00	12.11	290.68	3,283.38	62.86	-166.53	-64.25	0.00	0.00	0.00
3,400.00	12.11	290.68	3,381.16	70.27	-186.16	-71.83	0.00	0.00	0.00
3,500.00	12.11	290.68	3,478.93	77.68	-205.79	-79.40	0.00	0.00	0.00
3,600.00	12.11	290.68	3,576.70	85.09	-225.42	-86.98	0.00	0.00	0.00
3,700.00	12.11	290.68	3,674.48	92.50	-245.05	-94.55	0.00	0.00	0.00
3,800.00	12.11	290.68	3,772.25	99.91	-264.68	-102.13	0.00	0.00	0.00
3,900.00	12.11	290.68	3,870.02	107.32	-284.31	-109.70	0.00	0.00	0.00
4,000.00	12.11	290.68	3,967.80	114.73	-303.94	-117.27	0.00	0.00	0.00
4,100.00	12.11	290.68	4,065.57	122.14	-323.57	-124.85	0.00	0.00	0.00
4,200.00	12.11	290.68	4,163.35	129.55	-343.20	-132.42	0.00	0.00	0.00
4,300.00	12.11	290.68	4,261.12	136.96	-362.83	-140.00	0.00	0.00	0.00
4,400.00	12.11	290.68	4,358.89	144.37	-382.46	-147.57	0.00	0.00	0.00
4,500.00	12.11	290.68	4,456.67	151.78	-402.09	-155.15	0.00	0.00	0.00
4,600.00	12.11	290.68	4,554.44	159.19	-421.72	-162.72	0.00	0.00	0.00
4,700.00	12.11	290.68	4,652.22	166.60	-441.35	-170.29	0.00	0.00	0.00
4,800.00	12.11	290.68	4,749.99	174.01	-460.98	-177.87	0.00	0.00	0.00

Planning Report

Database:	1 - EDM Production	**Local Co-ordinate Reference:**	Well BULLDOG STATE COM 101H
Company:	TEXAS STANDARD OP NM LLC	**TVD Reference:**	3870' GL + 30' KB @ 3900.00usft (Original Well Elev)
Project:	LEA CO., NM (NAD83 - NME)	**MD Reference:**	3870' GL + 30' KB @ 3900.00usft (Original Well Elev)
Site:	SEC 34-T16S-R36E	**North Reference:**	Grid
Well:	BULLDOG STATE COM 101H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	ORIGINAL WELLPATH		
Design:	PLAN 1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,900.00	12.11	290.68	4,847.76	181.42	-480.61	-185.44	0.00	0.00	0.00
5,000.00	12.11	290.68	4,945.54	188.83	-500.24	-193.02	0.00	0.00	0.00
5,100.00	12.11	290.68	5,043.31	196.24	-519.87	-200.59	0.00	0.00	0.00
5,200.00	12.11	290.68	5,141.09	203.65	-539.50	-208.16	0.00	0.00	0.00
5,300.00	12.11	290.68	5,238.86	211.06	-559.13	-215.74	0.00	0.00	0.00
5,400.00	12.11	290.68	5,336.63	218.47	-578.76	-223.31	0.00	0.00	0.00
5,500.00	12.11	290.68	5,434.41	225.88	-598.39	-230.89	0.00	0.00	0.00
5,600.00	12.11	290.68	5,532.18	233.29	-618.02	-238.46	0.00	0.00	0.00
5,700.00	12.11	290.68	5,629.96	240.70	-637.66	-246.04	0.00	0.00	0.00
5,800.00	12.11	290.68	5,727.73	248.11	-657.29	-253.61	0.00	0.00	0.00
5,900.00	12.11	290.68	5,825.50	255.52	-676.92	-261.18	0.00	0.00	0.00
6,000.00	12.11	290.68	5,923.28	262.93	-696.55	-268.76	0.00	0.00	0.00
6,100.00	12.11	290.68	6,021.05	270.34	-716.18	-276.33	0.00	0.00	0.00
6,200.00	12.11	290.68	6,118.83	277.75	-735.81	-283.91	0.00	0.00	0.00
6,300.00	12.11	290.68	6,216.60	285.16	-755.44	-291.48	0.00	0.00	0.00
6,400.00	12.11	290.68	6,314.37	292.57	-775.07	-299.06	0.00	0.00	0.00
6,486.45	12.11	290.68	6,398.90	298.98	-792.04	-305.60	0.00	0.00	0.00
START DROP: 2°/100'									
6,500.00	11.84	290.68	6,412.15	299.97	-794.67	-306.62	2.00	-2.00	0.00
6,600.00	9.84	290.68	6,510.36	306.61	-812.26	-313.41	2.00	-2.00	0.00
6,700.00	7.84	290.68	6,609.17	312.04	-826.64	-318.96	2.00	-2.00	0.00
6,800.00	5.84	290.68	6,708.45	316.25	-837.78	-323.25	2.00	-2.00	0.00
6,900.00	3.84	290.68	6,808.09	319.23	-845.68	-326.30	2.00	-2.00	0.00
7,000.00	1.84	290.68	6,907.96	320.98	-850.32	-328.09	2.00	-2.00	0.00
7,092.05	0.00	0.00	7,000.00	321.50	-851.70	-328.62	2.00	-2.00	75.31
BACK TO VERTICAL									
7,100.00	0.00	0.00	7,007.95	321.50	-851.70	-328.62	0.00	0.00	0.00
7,200.00	0.00	0.00	7,107.95	321.50	-851.70	-328.62	0.00	0.00	0.00
7,300.00	0.00	0.00	7,207.95	321.50	-851.70	-328.62	0.00	0.00	0.00
7,400.00	0.00	0.00	7,307.95	321.50	-851.70	-328.62	0.00	0.00	0.00
7,500.00	0.00	0.00	7,407.95	321.50	-851.70	-328.62	0.00	0.00	0.00
7,600.00	0.00	0.00	7,507.95	321.50	-851.70	-328.62	0.00	0.00	0.00
7,700.00	0.00	0.00	7,607.95	321.50	-851.70	-328.62	0.00	0.00	0.00
7,800.00	0.00	0.00	7,707.95	321.50	-851.70	-328.62	0.00	0.00	0.00
7,900.00	0.00	0.00	7,807.95	321.50	-851.70	-328.62	0.00	0.00	0.00
8,000.00	0.00	0.00	7,907.95	321.50	-851.70	-328.62	0.00	0.00	0.00
8,100.00	0.00	0.00	8,007.95	321.50	-851.70	-328.62	0.00	0.00	0.00
8,200.00	0.00	0.00	8,107.95	321.50	-851.70	-328.62	0.00	0.00	0.00
8,300.00	0.00	0.00	8,207.95	321.50	-851.70	-328.62	0.00	0.00	0.00
8,400.00	0.00	0.00	8,307.95	321.50	-851.70	-328.62	0.00	0.00	0.00
8,500.00	0.00	0.00	8,407.95	321.50	-851.70	-328.62	0.00	0.00	0.00
8,600.00	0.00	0.00	8,507.95	321.50	-851.70	-328.62	0.00	0.00	0.00
8,700.00	0.00	0.00	8,607.95	321.50	-851.70	-328.62	0.00	0.00	0.00
8,800.00	0.00	0.00	8,707.95	321.50	-851.70	-328.62	0.00	0.00	0.00
8,900.00	0.00	0.00	8,807.95	321.50	-851.70	-328.62	0.00	0.00	0.00
9,000.00	0.00	0.00	8,907.95	321.50	-851.70	-328.62	0.00	0.00	0.00
9,100.00	0.00	0.00	9,007.95	321.50	-851.70	-328.62	0.00	0.00	0.00
9,200.00	0.00	0.00	9,107.95	321.50	-851.70	-328.62	0.00	0.00	0.00
9,300.00	0.00	0.00	9,207.95	321.50	-851.70	-328.62	0.00	0.00	0.00
9,400.00	0.00	0.00	9,307.95	321.50	-851.70	-328.62	0.00	0.00	0.00
9,500.00	0.00	0.00	9,407.95	321.50	-851.70	-328.62	0.00	0.00	0.00
9,600.00	0.00	0.00	9,507.95	321.50	-851.70	-328.62	0.00	0.00	0.00

SB DIRECTIONAL

Planning Report

Database:	1 - EDM Production	**Local Co-ordinate Reference:**	Well BULLDOG STATE COM 101H
Company:	TEXAS STANDARD OP NM LLC	**TVD Reference:**	3870' GL + 30' KB @ 3900.00usft (Original Well Elev)
Project:	LEA CO., NM (NAD83 - NME)	**MD Reference:**	3870' GL + 30' KB @ 3900.00usft (Original Well Elev)
Site:	SEC 34-T16S-R36E	**North Reference:**	Grid
Well:	BULLDOG STATE COM 101H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	ORIGINAL WELLPATH		
Design:	PLAN 1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,700.00	0.00	0.00	9,607.95	321.50	-851.70	-328.62	0.00	0.00	0.00
9,800.00	0.00	0.00	9,707.95	321.50	-851.70	-328.62	0.00	0.00	0.00
9,900.00	0.00	0.00	9,807.95	321.50	-851.70	-328.62	0.00	0.00	0.00
10,000.00	0.00	0.00	9,907.95	321.50	-851.70	-328.62	0.00	0.00	0.00
10,100.00	0.00	0.00	10,007.95	321.50	-851.70	-328.62	0.00	0.00	0.00
10,200.00	0.00	0.00	10,107.95	321.50	-851.70	-328.62	0.00	0.00	0.00
10,300.00	0.00	0.00	10,207.95	321.50	-851.70	-328.62	0.00	0.00	0.00
10,400.00	0.00	0.00	10,307.95	321.50	-851.70	-328.62	0.00	0.00	0.00
10,500.00	0.00	0.00	10,407.95	321.50	-851.70	-328.62	0.00	0.00	0.00
10,600.00	0.00	0.00	10,507.95	321.50	-851.70	-328.62	0.00	0.00	0.00
10,619.09	0.00	0.00	10,527.04	321.50	-851.70	-328.62	0.00	0.00	0.00
KOP: 10°/100'									
10,650.00	3.09	179.52	10,557.93	320.67	-851.69	-327.79	10.00	10.00	0.00
10,700.00	8.09	179.52	10,607.68	315.80	-851.65	-322.92	10.00	10.00	0.00
10,750.00	13.09	179.52	10,656.81	306.61	-851.57	-313.73	10.00	10.00	0.00
10,800.00	18.09	179.52	10,704.96	293.18	-851.46	-300.30	10.00	10.00	0.00
10,850.00	23.09	179.52	10,751.75	275.60	-851.31	-282.72	10.00	10.00	0.00
10,900.00	28.09	179.52	10,796.83	254.01	-851.13	-261.13	10.00	10.00	0.00
10,950.00	33.09	179.52	10,839.86	228.57	-850.92	-235.69	10.00	10.00	0.00
11,000.00	38.09	179.52	10,880.50	199.48	-850.67	-206.60	10.00	10.00	0.00
11,050.00	43.09	179.52	10,918.46	166.96	-850.40	-174.08	10.00	10.00	0.00
11,100.00	48.09	179.52	10,953.44	131.26	-850.10	-138.37	10.00	10.00	0.00
11,150.00	53.09	179.52	10,985.17	92.64	-849.78	-99.75	10.00	10.00	0.00
11,200.00	58.09	179.52	11,013.42	51.40	-849.43	-58.52	10.00	10.00	0.00
11,250.00	63.09	179.52	11,037.96	7.86	-849.06	-14.97	10.00	10.00	0.00
11,300.00	68.09	179.52	11,058.62	-37.65	-848.68	30.54	10.00	10.00	0.00
11,350.00	73.09	179.52	11,075.23	-84.80	-848.28	77.69	10.00	10.00	0.00
11,400.00	78.09	179.52	11,087.67	-133.21	-847.88	126.10	10.00	10.00	0.00
11,450.00	83.09	179.52	11,095.84	-182.52	-847.46	175.41	10.00	10.00	0.00
11,500.00	88.09	179.52	11,099.68	-232.35	-847.04	225.25	10.00	10.00	0.00
11,519.09	90.00	179.52	11,100.00	-251.44	-846.88	244.33	10.00	10.00	0.00
EOC; HOLD TO TD									
11,600.00	90.00	179.52	11,100.00	-332.34	-846.20	325.24	0.00	0.00	0.00
11,700.00	90.00	179.52	11,100.00	-432.34	-845.36	425.24	0.00	0.00	0.00
11,800.00	90.00	179.52	11,100.00	-532.34	-844.52	525.24	0.00	0.00	0.00
11,900.00	90.00	179.52	11,100.00	-632.33	-843.68	625.24	0.00	0.00	0.00
12,000.00	90.00	179.52	11,100.00	-732.33	-842.84	725.24	0.00	0.00	0.00
12,100.00	90.00	179.52	11,100.00	-832.33	-842.00	825.24	0.00	0.00	0.00
12,200.00	90.00	179.52	11,100.00	-932.32	-841.16	925.24	0.00	0.00	0.00
12,300.00	90.00	179.52	11,100.00	-1,032.32	-840.32	1,025.24	0.00	0.00	0.00
12,400.00	90.00	179.52	11,100.00	-1,132.32	-839.48	1,125.24	0.00	0.00	0.00
12,500.00	90.00	179.52	11,100.00	-1,232.31	-838.64	1,225.24	0.00	0.00	0.00
12,600.00	90.00	179.52	11,100.00	-1,332.31	-837.80	1,325.24	0.00	0.00	0.00
12,700.00	90.00	179.52	11,100.00	-1,432.30	-836.96	1,425.24	0.00	0.00	0.00
12,800.00	90.00	179.52	11,100.00	-1,532.30	-836.11	1,525.24	0.00	0.00	0.00
12,900.00	90.00	179.52	11,100.00	-1,632.30	-835.27	1,625.24	0.00	0.00	0.00
13,000.00	90.00	179.52	11,100.00	-1,732.29	-834.43	1,725.24	0.00	0.00	0.00
13,100.00	90.00	179.52	11,100.00	-1,832.29	-833.59	1,825.24	0.00	0.00	0.00
13,200.00	90.00	179.52	11,100.00	-1,932.29	-832.75	1,925.24	0.00	0.00	0.00
13,300.00	90.00	179.52	11,100.00	-2,032.28	-831.91	2,025.24	0.00	0.00	0.00
13,400.00	90.00	179.52	11,100.00	-2,132.28	-831.07	2,125.24	0.00	0.00	0.00
13,500.00	90.00	179.52	11,100.00	-2,232.28	-830.23	2,225.24	0.00	0.00	0.00

SB DIRECTIONAL

Planning Report

Database:	1 - EDM Production	**Local Co-ordinate Reference:**	Well BULLDOG STATE COM 101H
Company:	TEXAS STANDARD OP NM LLC	**TVD Reference:**	3870' GL + 30' KB @ 3900.00usft (Original Well Elev)
Project:	LEA CO., NM (NAD83 - NME)	**MD Reference:**	3870' GL + 30' KB @ 3900.00usft (Original Well Elev)
Site:	SEC 34-T16S-R36E	**North Reference:**	Grid
Well:	BULLDOG STATE COM 101H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	ORIGINAL WELLPATH		
Design:	PLAN 1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
13,600.00	90.00	179.52	11,100.00	-2,332.27	-829.39	2,325.24	0.00	0.00	0.00
13,700.00	90.00	179.52	11,100.00	-2,432.27	-828.55	2,425.24	0.00	0.00	0.00
13,800.00	90.00	179.52	11,100.00	-2,532.27	-827.71	2,525.24	0.00	0.00	0.00
13,900.00	90.00	179.52	11,100.00	-2,632.26	-826.87	2,625.24	0.00	0.00	0.00
14,000.00	90.00	179.52	11,100.00	-2,732.26	-826.03	2,725.24	0.00	0.00	0.00
14,100.00	90.00	179.52	11,100.00	-2,832.26	-825.19	2,825.24	0.00	0.00	0.00
14,200.00	90.00	179.52	11,100.00	-2,932.25	-824.35	2,925.24	0.00	0.00	0.00
14,300.00	90.00	179.52	11,100.00	-3,032.25	-823.50	3,025.24	0.00	0.00	0.00
14,400.00	90.00	179.52	11,100.00	-3,132.24	-822.66	3,125.24	0.00	0.00	0.00
14,500.00	90.00	179.52	11,100.00	-3,232.24	-821.82	3,225.24	0.00	0.00	0.00
14,600.00	90.00	179.52	11,100.00	-3,332.24	-820.98	3,325.24	0.00	0.00	0.00
14,700.00	90.00	179.52	11,100.00	-3,432.23	-820.14	3,425.24	0.00	0.00	0.00
14,800.00	90.00	179.52	11,100.00	-3,532.23	-819.30	3,525.24	0.00	0.00	0.00
14,900.00	90.00	179.52	11,100.00	-3,632.23	-818.46	3,625.24	0.00	0.00	0.00
15,000.00	90.00	179.52	11,100.00	-3,732.22	-817.62	3,725.24	0.00	0.00	0.00
15,100.00	90.00	179.52	11,100.00	-3,832.22	-816.78	3,825.24	0.00	0.00	0.00
15,200.00	90.00	179.52	11,100.00	-3,932.22	-815.94	3,925.24	0.00	0.00	0.00
15,300.00	90.00	179.52	11,100.00	-4,032.21	-815.10	4,025.24	0.00	0.00	0.00
15,400.00	90.00	179.52	11,100.00	-4,132.21	-814.26	4,125.24	0.00	0.00	0.00
15,500.00	90.00	179.52	11,100.00	-4,232.21	-813.42	4,225.24	0.00	0.00	0.00
15,600.00	90.00	179.52	11,100.00	-4,332.20	-812.58	4,325.24	0.00	0.00	0.00
15,700.00	90.00	179.52	11,100.00	-4,432.20	-811.73	4,425.24	0.00	0.00	0.00
15,800.00	90.00	179.52	11,100.00	-4,532.20	-810.89	4,525.24	0.00	0.00	0.00
15,900.00	90.00	179.52	11,100.00	-4,632.19	-810.05	4,625.24	0.00	0.00	0.00
16,000.00	90.00	179.52	11,100.00	-4,732.19	-809.21	4,725.24	0.00	0.00	0.00
16,100.00	90.00	179.52	11,100.00	-4,832.18	-808.37	4,825.24	0.00	0.00	0.00
16,200.00	90.00	179.52	11,100.00	-4,932.18	-807.53	4,925.24	0.00	0.00	0.00
16,300.00	90.00	179.52	11,100.00	-5,032.18	-806.69	5,025.24	0.00	0.00	0.00
16,400.00	90.00	179.52	11,100.00	-5,132.17	-805.85	5,125.24	0.00	0.00	0.00
16,500.00	90.00	179.52	11,100.00	-5,232.17	-805.01	5,225.24	0.00	0.00	0.00
16,600.00	90.00	179.52	11,100.00	-5,332.17	-804.17	5,325.24	0.00	0.00	0.00
16,700.00	90.00	179.52	11,100.00	-5,432.16	-803.33	5,425.24	0.00	0.00	0.00
16,800.00	90.00	179.52	11,100.00	-5,532.16	-802.49	5,525.24	0.00	0.00	0.00
16,900.00	90.00	179.52	11,100.00	-5,632.16	-801.65	5,625.24	0.00	0.00	0.00
17,000.00	90.00	179.52	11,100.00	-5,732.15	-800.81	5,725.24	0.00	0.00	0.00
17,100.00	90.00	179.52	11,100.00	-5,832.15	-799.97	5,825.24	0.00	0.00	0.00
17,200.00	90.00	179.52	11,100.00	-5,932.15	-799.12	5,925.24	0.00	0.00	0.00
17,300.00	90.00	179.52	11,100.00	-6,032.14	-798.28	6,025.24	0.00	0.00	0.00
17,400.00	90.00	179.52	11,100.00	-6,132.14	-797.44	6,125.24	0.00	0.00	0.00
17,500.00	90.00	179.52	11,100.00	-6,232.14	-796.60	6,225.24	0.00	0.00	0.00
17,600.00	90.00	179.52	11,100.00	-6,332.13	-795.76	6,325.24	0.00	0.00	0.00
17,700.00	90.00	179.52	11,100.00	-6,432.13	-794.92	6,425.24	0.00	0.00	0.00
17,800.00	90.00	179.52	11,100.00	-6,532.12	-794.08	6,525.24	0.00	0.00	0.00
17,900.00	90.00	179.52	11,100.00	-6,632.12	-793.24	6,625.24	0.00	0.00	0.00
18,000.00	90.00	179.52	11,100.00	-6,732.12	-792.40	6,725.24	0.00	0.00	0.00
18,100.00	90.00	179.52	11,100.00	-6,832.11	-791.56	6,825.24	0.00	0.00	0.00
18,200.00	90.00	179.52	11,100.00	-6,932.11	-790.72	6,925.24	0.00	0.00	0.00
18,300.00	90.00	179.52	11,100.00	-7,032.11	-789.88	7,025.24	0.00	0.00	0.00
18,400.00	90.00	179.52	11,100.00	-7,132.10	-789.04	7,125.24	0.00	0.00	0.00
18,500.00	90.00	179.52	11,100.00	-7,232.10	-788.20	7,225.24	0.00	0.00	0.00
18,600.00	90.00	179.52	11,100.00	-7,332.10	-787.35	7,325.24	0.00	0.00	0.00
18,654.11	90.00	179.52	11,100.00	-7,386.20	-786.90	7,379.35	0.00	0.00	0.00

SB DIRECTIONAL

Planning Report

Database:	1 - EDM Production	**Local Co-ordinate Reference:**	Well BULLDOG STATE COM 101H
Company:	TEXAS STANDARD OP NM LLC	**TVD Reference:**	3870' GL + 30' KB @ 3900.00usft (Original Well Elev)
Project:	LEA CO., NM (NAD83 - NME)	**MD Reference:**	3870' GL + 30' KB @ 3900.00usft (Original Well Elev)
Site:	SEC 34-T16S-R36E	**North Reference:**	Grid
Well:	BULLDOG STATE COM 101H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	ORIGINAL WELLPATH		
Design:	PLAN 1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
TD at 18654.11									

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
BSC 101H FTP: 2543' F - plan misses target center by 910.36usft at 0.00usft MD (0.00 TVD, 0.00 N, 0.00 E) - Point	0.00	0.00	0.00	321.50	-851.70	684,694.40	846,116.60	32.87830456	-103.34057753
BSC 101H LTP/BHL: 10 - plan hits target center - Point	0.00	0.00	11,100.00	-7,386.20	-786.90	676,986.70	846,181.40	32.85712050	-103.34060255

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
18,654.11	11,100.00	20" Casing	20	24

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
2,150.00	2,150.00	0.00	0.00	START NUDGE: 2°/100'
6,486.45	6,398.90	298.98	-792.04	START DROP: 2°/100'
7,092.05	7,000.00	321.50	-851.70	BACK TO VERTICAL
10,619.09	10,527.04	321.50	-851.70	KOP: 10°/100'
11,519.09	11,100.00	-251.44	-846.88	EOC; HOLD TO TD
18,654.11	11,100.00	-7,386.20	-786.90	TD at 18654.11

State of New Mexico
Energy, Minerals and Natural Resources Department

Submit Electronically
Via E-permitting

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

NATURAL GAS MANAGEMENT PLAN

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

Section 1 – Plan Description
Effective May 25, 2021

I. Operator: Texas Standard Operating NM, LLC **OGRID:** 329818 **Date:** 03 / 20 / 2026

II. Type: ☑ Original ☐ Amendment due to ☐ 19.15.27.9.D(6)(a) NMAC ☐ 19.15.27.9.D(6)(b) NMAC ☐ Other.

If Other, please describe: _____

III. Well(s): Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	ULSTR	Footages	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
Bulldog State Com 101H	NA	SEC 34-T16S-R36E	2,215' FSL 1240 FEL	770	705	1105

IV. Central Delivery Point Name: Bulldog SC CTB Sales [See 19.15.27.9(D)(1) NMAC]

V. Anticipated Schedule: Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	Spud Date	TD Reached Date	Completion Commencement Date	Initial Flow Back Date	First Production Date
Bulldog State Com 101H	NA	NA	NA	NA	NA	NA

VI. Separation Equipment: ☑ Attach a complete description of how Operator will size separation equipment to optimize gas capture.

VII. Operational Practices: ☑ Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC.

VIII. Best Management Practices: ☑ Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.

Section 2 – Enhanced Plan

EFFECTIVE APRIL 1, 2022

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

☑ Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

IX. Anticipated Natural Gas Production:

Well	API	Anticipated Average Natural Gas Rate MCF/D	Anticipated Volume of Natural Gas for the First Year MCF

X. Natural Gas Gathering System (NGGS):

Operator	System	ULSTR of Tie-in	Anticipated Gathering Start Date	Available Maximum Daily Capacity of System Segment Tie-in

XI. Map. ☐ Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

XII. Line Capacity. The natural gas gathering system ☐ will ☐ will not have capacity to gather 100% of the anticipated natural gas production volume from the well prior to the date of first production.

XIII. Line Pressure. Operator ☐ does ☐ does not anticipate that its existing well(s) connected to the same segment, or portion, of the natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

☐ Attach Operator's plan to manage production in response to the increased line pressure.

XIV. Confidentiality: ☐ Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided in Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full description of the specific information for which confidentiality is asserted and the basis for such assertion.

Section 3 - Certifications

Effective May 25, 2021

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal:

☑ Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or

☐ Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system. ***If Operator checks this box, Operator will select one of the following:***

Well Shut-In. ☐ Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or

Venting and Flaring Plan. ☐ Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including:

- **(a)** power generation on lease;
- **(b)** power generation for grid;
- **(c)** compression on lease;
- **(d)** liquids removal on lease;
- **(e)** reinjection for underground storage;
- **(f)** reinjection for temporary storage;
- **(g)** reinjection for enhanced oil recovery;
- **(h)** fuel cell production; and
- **(i)** other alternative beneficial uses approved by the division.

Section 4 - Notices

1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or

(b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.

2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

Signature:	
Printed Name:	JENNIFER ELROD
Title:	SR. REGULATORY ANALYST
E-mail Address:	JELROD@NTGLOBAL.COM
Date:	3/20/2026
Phone:	940-452-6214

OIL CONSERVATION DIVISION

(Only applicable when submitted as a standalone form)

Approved By:	
Title:	
Approval Date:	
Conditions of Approval:	

VI. Separation Equipment

Operator will install and operate separation equipment designed to handle combined production from a **multi-well facility consisting of up to three (3) gas lift wells**. Equipment will be sized based on aggregate peak and average liquid and gas production rates, including returned gas lift injection volumes.

The facility will utilize staged separation to optimize hydrocarbon recovery and maximize gas capture, including:

- **Three (3) 8' x 15' 3-phase inlet separators (250 PSIG design, ~75 PSIG operating, one per well)**
- **One (1) 8' x 15' 3-phase FWKO (250 PSIG design, ~50 PSIG operating)**
- **One (1) 8' x 20' heater treater (250 PSIG design, ~45 PSIG operating)**
- **One (1) 48" x 45" vertical vapor recovery tower (VRT) (125 PSIG design, ~5 PSIG operating)**

This pressure cascade (higher-pressure separation followed by intermediate-pressure treating and controlled pressure reduction to near-atmospheric conditions prior to storage) is designed to maximize gas recovery upstream and minimize flash gas losses to tanks.

Storage and vapor handling and control equipment will include:

- **Three (3) 30' 1000 bbl oil tanks**
- **Three (3) 30' 1000 bbl produced water tanks**
- **One (1) high-pressure (HP) VRU (heater treater / VRT vapors)**
- **One (1) low-pressure (LP) VRU (tank vapors)**
- **One (1) combination LP/HP combustor (flare)**

All separator, FWKO, heater treater, VRT, and tank vapors will be routed through a **closed vent system** to VRUs, field compression, sales, or the combustor (flare) as a backup control device.

Separation equipment is designed in accordance with API 12J and Permian Basin practices to:

- Provide adequate retention time and vapor disengagement
- Handle variable gas lift conditions, including surging and fluctuating GLR

- Prevent liquid carryover and gas blowby

This configuration ensures that **flash gas is recovered upstream of storage tanks via the VRT operating at approximately 5 PSIG and routed to the HP VRU**, minimizing emissions and maximizing beneficial gas use.

VII. Operational Practices

Operator will conduct operations in accordance with 19.15.27.8 NMAC and standard Permian Basin practices to minimize venting and ensure proper equipment performance at a multi-well gas lift facility.

Operational practices include:

- Monitoring and adjusting **gas lift injection rates** via the **500 HP gas lift compressor** to maintain stable production and minimize excess gas production to surface
- Operating individual inlet separators per well to stabilize flow prior to commingling and reduce facility upsets
- Coordinating production across all three wells to maintain stable separator conditions and avoid overloading equipment
- Maintaining proper pressure and liquid levels across inlet separators (~75 PSIG), FWKO (~75 PSIG), heater treater (~45 PSIG), and VRT (~5 PSIG) to optimize staged separation and flash gas recovery
- Routing all produced gas and vapors through closed vent systems to **VRUs, field compression, sales, or combustor (flare)**
- Utilizing the **HP VRU** to capture vapors from pressurized and intermediate/low-pressure vessels (heater treater and VRT) and the **LP VRU** to capture tank vapors
- Utilizing the **combustor (flare)** during upset conditions, maintenance, or when gas cannot be routed to sales or VRU systems
- Performing routine inspections of all wells, flowlines, separators, tanks, VRUs, compressor systems, and associated equipment to identify and repair leaks or malfunctions
- Maintaining all control and emissions equipment, including VRUs and combustor, in proper working condition

Operator will maintain records of inspections, operational adjustments, and maintenance activities as required to demonstrate compliance with 19.15.27 NMAC.

VIII. Best Management Practices

Operator will implement the following best management practices (BMPs), consistent with Permian Basin multi-well facility operations, to minimize venting during maintenance and upset conditions:

- Schedule maintenance, when practical, during periods of reduced production and lower gas lift injection rates across the facility
- Reduce or temporarily shut in gas lift injection from the **500 HP compressor** prior to opening equipment to minimize gas volumes
- Utilize both **HP and LP VRUs** to capture vapors during normal operations and, where feasible, during maintenance activities
- Utilize the **combustor (flare)** as a backup control device to minimize venting when gas cannot be captured
- Depressurize inlet separators (~75 PSIG), FWKO (~75 PSIG), heater treater (~45 PSIG), and VRT (~5 PSIG) in a controlled manner and route gas to **sales, compression, VRUs, or combustor** when available
- Isolate only the necessary wells or equipment to minimize total gas release across the facility
- Coordinate maintenance activities across all three wells to avoid repeated or unnecessary blowdowns
- Maintain VRU operation and proper tank pressure management to minimize tank venting
- Complete maintenance activities efficiently and return wells and equipment to service promptly

Operator will continuously evaluate facility operations and implement improvements to reduce emissions and maximize gas capture in compliance with 19.15.27 NMAC.

IX. Process Flow Description

Production from each of the three (3) gas lift wells is routed individually to a dedicated **8' x 15' 3-phase inlet separator**, where initial separation of oil, water, and gas occurs at approximately 75 PSIG.

From the inlet separators:

- **Produced water** is routed to the central **8' x 15' 3-phase FWKO** for further separation and treatment
- **Oil** is routed directly to the **8' x 20' heater treater**, operating at approximately 45 PSIG, for emulsion breaking and final oil treating
- **Gas** is routed to field compression, sales, or used for gas lift injection via the **500 HP gas lift compressor**

Within the FWKO, produced water is further separated from any remaining hydrocarbons and routed to the **produced water storage tanks** for transfer via the water transfer pump.

Oil from the heater treater flows to the **48" x 45" vertical vapor recovery tower (VRT)**, where pressure is reduced to approximately 5 PSIG to allow controlled flash gas separation prior to storage. Oil from the VRT is then routed to the **oil storage tanks** and subsequently transferred to sales through the **LACT unit**.

Gas and vapors from each stage are handled as follows:

- Gas from the **inlet separators and FWKO** is routed to compression and/or sales
- Flash gas from the **heater treater and VRT** is routed to the **high-pressure (HP) VRU** for recovery
- Vapors from the **oil and water storage tanks** are routed to the **low-pressure (LP) VRU**

All vapor streams are routed through a **closed vent system** designed to maximize gas capture. When gas cannot be routed to sales or VRU systems due to operational constraints, maintenance, or upset conditions, vapors will be directed to the **combination LP/HP combustor (flare)** for controlled combustion.

This process configuration provides staged separation and **controlled flash gas recovery upstream of atmospheric storage via the VRT operating at approximately 5 PSIG**, maximizing hydrocarbon recovery, maintaining stable facility operation, and minimizing emissions.

Final Statement

Operator does not intend to conduct routine venting. All produced gas will be routed to sales, compression, VRU systems, or an approved combustor (flare), with the objective of maximizing gas capture and minimizing emissions.