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

General Information
Phone: (505) 629-6116

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

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

Form C-101
August 1, 2011

Permit 380751

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

1. Operator Name and Address	2. OGRID Number
Admiral Permian Operating LLC 200 N. Loraine St Midland, TX 79701	332762
	3. API Number 30-015-56165

4. Property Code	5. Property Name	6. Well No.
336930	War Pigeon Fed Com	402H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	6	24S	27E	5	1594	N	200	W	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
I	5	24S	27E	I	2639	S	100	E	Eddy

9. Pool Information

PURPLE SAGE;WOLFCAMP (GAS)	98220

Additional Well Information

11. Work Type	12. Well Type	13. Cable/Rotary	14. Lease Type	15. Ground Level Elevation
New Well	GAS		State	3272
16. Multiple	17. Proposed Depth	18. Formation	19. Contractor	20. Spud Date
N	19179	Wolfcamp		9/1/2025
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	14.75	10.75	45.5	540	516	0
Int1	9.875	7.625	29.7	8424	1453	0
Prod	6.75	5.5	20	19179	955	6424

Casing/Cement Program: Additional Comments

Casing grade for intermediate is HCP-110; casing grade for production is CYP-110

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	10000	5000	TBD
Annular	5000	5000	TBD

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 Traci Coursey	Approved By: Matthew Gomez
Title:	Title:
Email Address: tcoursey@admiralpermian.com	Approved Date: 2/12/2025 Expiration Date: 2/12/2027
Date: 1/8/2025 Phone: 432-653-0189	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
30-015-56165	98220	PURPLE SAGE; WOLFCAMP (GAS)

Property Code	Property Name	Well Number
336930	WAR PIGEON FED COM	402H

OGRID No.	Operator Name	Ground Level Elevation
332762	ADMIRAL PERMIAN OPERATING LLC	3,272.35'

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
LOT 5	6	24 S	27 E		1,594' FNL	200' FWL	32.249317°	-104.237264°	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	5	24 S	27 E		2,639' FSL	100' FEL	32.246447°	-104.204289°	EDDY

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
1270.84	D			C

Order Numbers. | Well setbacks are under Common Ownership: ☐Yes ☐No

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
LOT 6	6	24 S	27 E		2,663' FSL	10' FWL	32.246377°	-104.237873°	EDDY

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
LOT 6	6	24 S	27 E		2,661' FSL	330' FWL	32.246377°	-104.236838°	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	5	24 S	27 E		2,639' FSL	330' FEL	32.246444°	-104.205033°	EDDY

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

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.

11-20-24

Signature Date

BRIAN WOOD

Printed Name

brian@permitswest.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 or under my supervision, and that the same is true and correct to the best of my belief.

MARK J. MURRAY NEW MEXICO 12177 REGISTERED PROFESSIONAL SURVEYOR

Date: 10/24/2024

Signature and Seal of Professional Surveyor

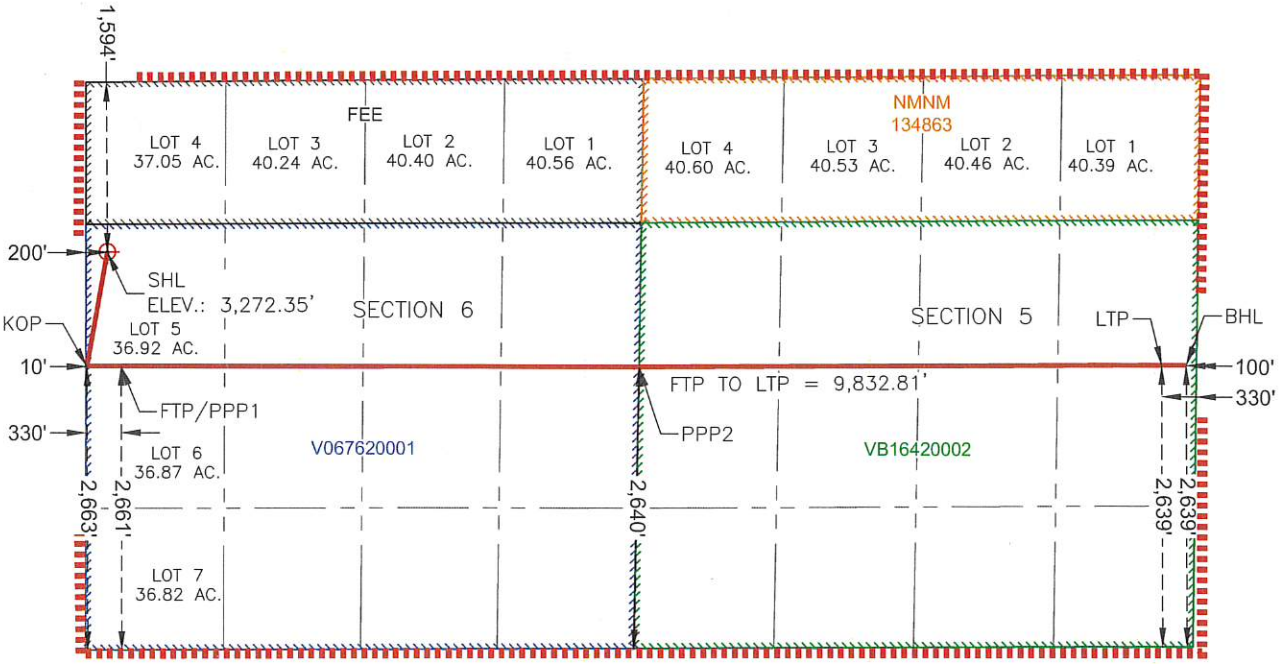
Certificate Number	Date of Survey
12177	10/24/2024

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

ACREAGE DEDICATION PLATS

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

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



SURFACE HOLE LOCATION 1,594' FNL & 200' FWL ELEV. = 3,272.35'	KICK-OFF POINT 2,663' FSL & 10' FWL	FIRST TAKE POINT & PENETRATION POINT 1 2,661' FSL & 330' FWL	PENETRATION POINT 2 2,640' FSL & 0' FWL
NAD 83 X = 571,037.00' NAD 83 Y = 454,448.30' NAD 83 LAT = 32.249317° NAD 83 LONG = -104.237264°	NAD 83 X = 570,849.67' NAD 83 Y = 453,378.56' NAD 83 LAT = 32.246377° NAD 83 LONG = -104.237873°	NAD 83 X = 571,169.67' NAD 83 Y = 453,378.75' NAD 83 LAT = 32.246377° NAD 83 LONG = -104.236838°	NAD 83 X = 576,063.25' NAD 83 Y = 453,381.76' NAD 83 LAT = 32.246372° NAD 83 LONG = -104.221009°

LAST TAKE POINT 2,639' FSL & 330' FEL	BOTTOM HOLE LOCATION 2,639' FSL & 100' FEL
NAD 83 X = 581,002.38' NAD 83 Y = 453,413.28' NAD 83 LAT = 32.246444° NAD 83 LONG = -104.205033°	NAD 83 X = 581,232.41' NAD 83 Y = 453,414.75' NAD 83 LAT = 32.246447° NAD 83 LONG = -104.204289°

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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 380751

PERMIT CONDITIONS OF APPROVAL

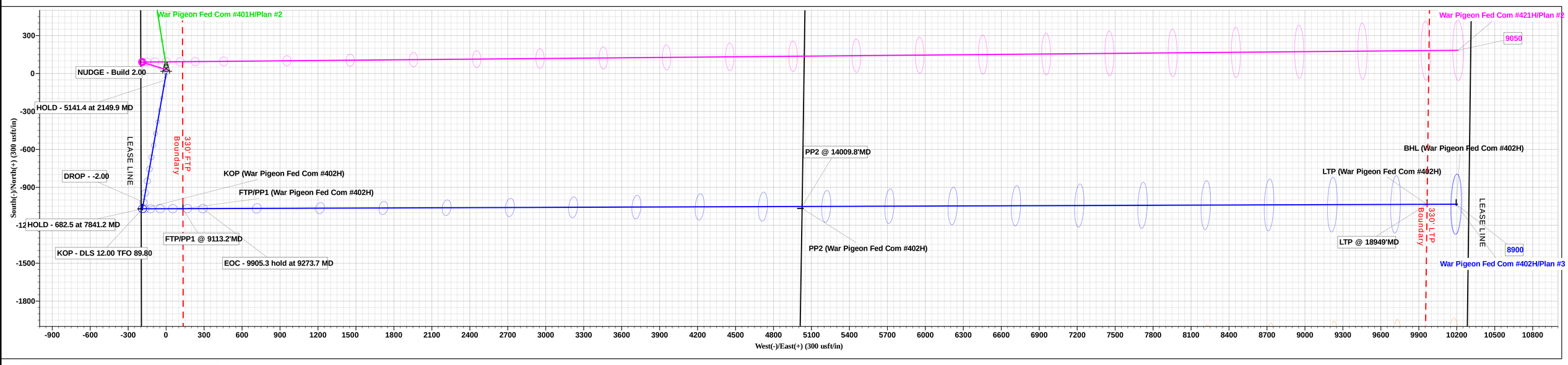
Operator Name and Address:	API Number:
Admiral Permian Operating LLC [332762] 200 N. Loraine St Midland, TX 79701	30-015-56165
	Well: War Pigeon Fed Com #402H

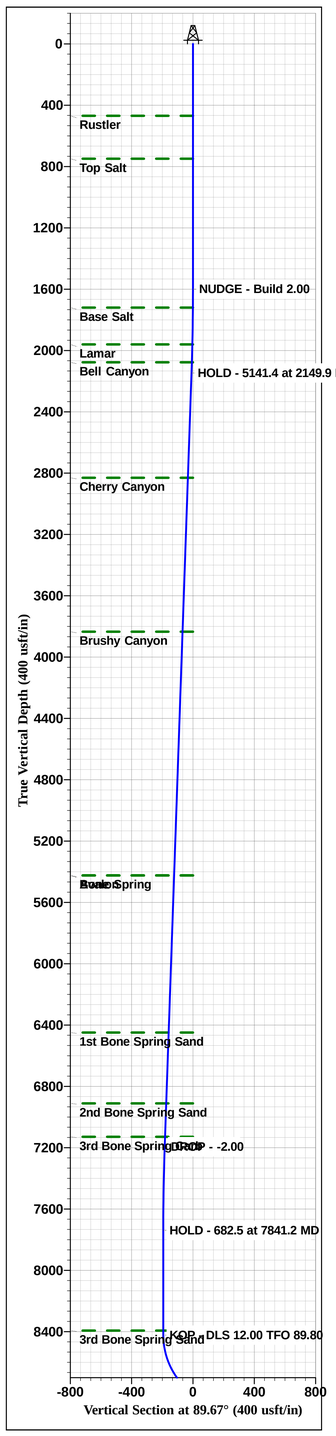
OCD Reviewer	Condition
matthew.gomez	A [C-103] Sub. Drilling (C-103N) is required within (10) days of spud.
matthew.gomez	Notify the OCD 24 hours prior to casing & cement.
matthew.gomez	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string.
matthew.gomez	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.
matthew.gomez	Cement is required to circulate on both surface and intermediate1 strings of casing.
matthew.gomez	If cement does not circulate on any string, a Cement Bond Log (CBL) is required for that string of casing.
matthew.gomez	File As Drilled C-102 and a directional Survey with C-104 completion packet.

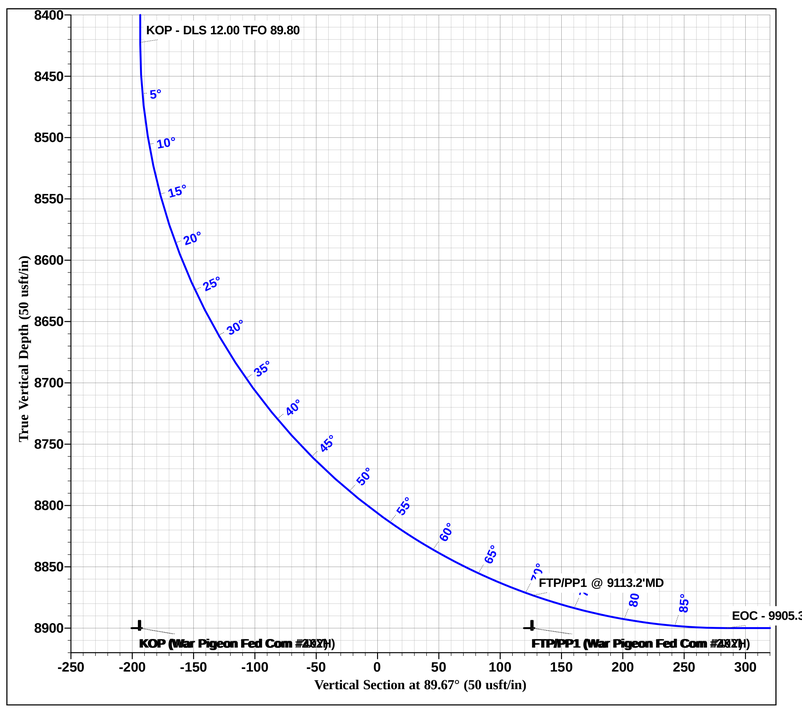
ADMIRAL PERMIAN RESOURCES

INTREPID

Admiral Permian Resources
Project: Eddy County, NM (NAD 83 NME)
Site: (War Pigeon) Sec6_T24S_R27E
Well: War Pigeon Fed Com #402H
Wellbore: OWB
Design: Plan #3
Lat: 32° 14' 57.543 N
Long: 104° 14' 14.150 W
Pad GL: 3272.3
KB: KB @ 3298.3usft







WELL DETAILS: War Pigeon Fed Com #402H

3272.3

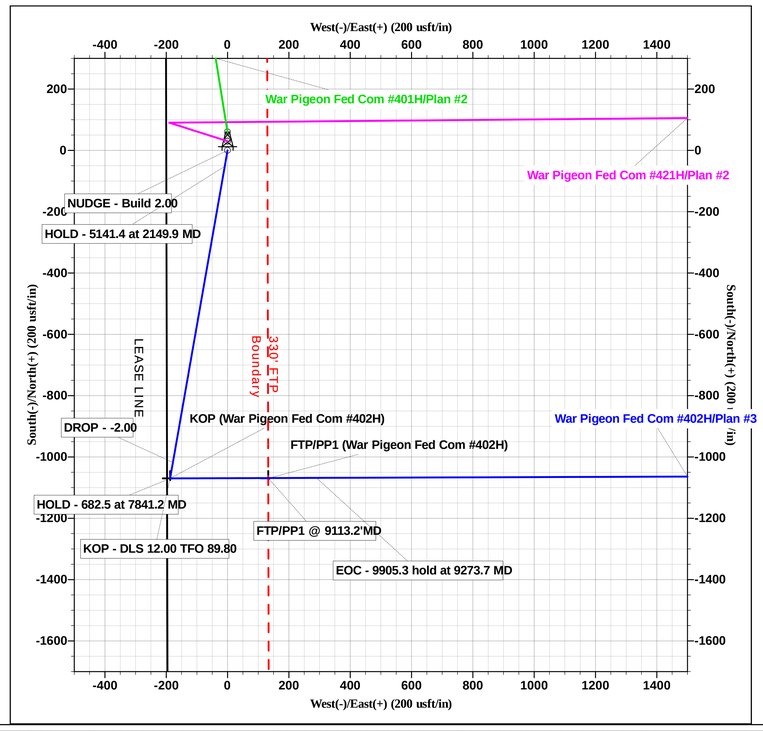
+N/-S	+E/-W	Northing	Easting	Latittude	Longitude	Slot
0.0	0.0	454448.30	571037.00	32° 14' 57.543 N	104° 14' 14.150 W	

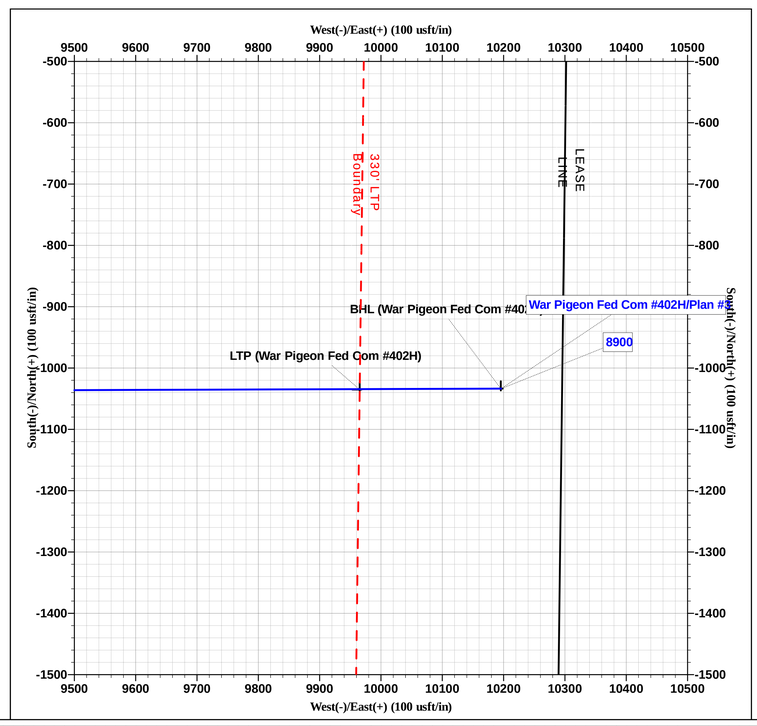
SECTION DETAILS

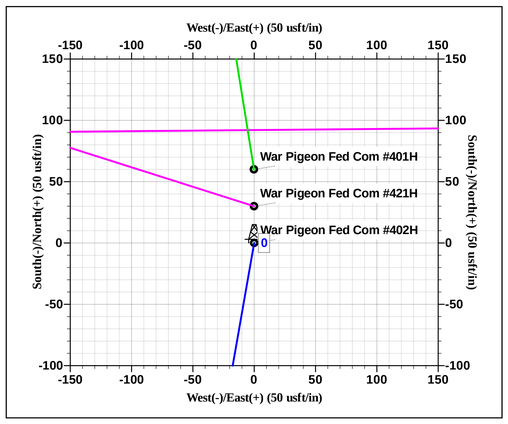
MD	Inc	Azi	TVD	+N/-S	+E/-W	DIeg	TFace	VSect	Annotation
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
1600.0	0.00	0.00	1600.0	0.0	0.0	0.00	0.00	0.0	NUDGE - Build 2.00
2149.9	11.00	189.93	2146.5	-51.8	-9.1	2.00	189.93	-9.4	HOLD - 5141.4 at 2149.9 MD
7291.3	11.00	189.93	7193.5	-1017.9	-178.3	0.00	0.00	-184.1	DROP - -2.00
7841.2	0.00	0.00	7740.0	-1069.7	-187.3	2.00	180.00	-193.5	HOLD - 682.5 at 7841.2 MD
8523.7	0.00	0.00	8422.5	-1069.7	-187.3	0.00	0.00	-193.5	KOP - DLS 12.00 TFO 89.80
9273.7	90.00	89.80	8900.0	-1068.1	290.1	12.00	89.80	284.0	EOC - 9905.3 hold at 9273.7 MD
19179.0	90.00	89.80	8900.0	-1033.5	10195.4	0.00	0.00	10189.3	TD at 19179.0

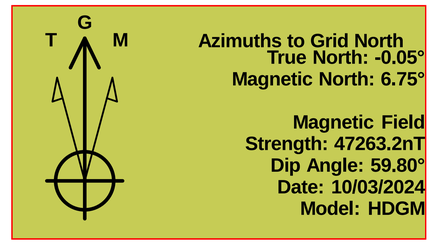
DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting
BHL (War Pigeon Fed Com #402H)	8900.0	-1033.5	10195.4	453414.75	581232.41
FTP/PP1 (War Pigeon Fed Com #402H)	8900.0	-1069.5	132.7	453378.75	571169.67
KOP (War Pigeon Fed Com #402H)	8900.0	-1069.7	-187.3	453378.56	570849.67
LTP (War Pigeon Fed Com #402H)	8900.0	-1035.0	9965.4	453413.28	581002.38
PP2 (War Pigeon Fed Com #402H)	8900.0	-1066.5	5026.2	453381.76	576063.25

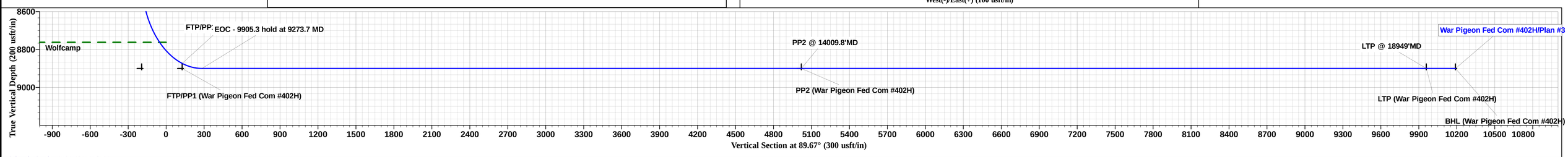








To convert a Magnetic Direction to a Grid Direction, Add 6.75°



ADMIRAL PERMIAN RESOURCES

Intrepid
Planning Report

INTREPID

Database:	EDM 5000.15 Single User Db	**Local Co-ordinate Reference:**	Well War Pigeon Fed Com #402H
Company:	Admiral Permian Resources	**TVD Reference:**	KB @ 3298.3usft
Project:	Eddy County, NM (NAD 83 NME)	**MD Reference:**	KB @ 3298.3usft
Site:	(War Pigeon) Sec6_T24S_R27E	**North Reference:**	Grid
Well:	War Pigeon Fed Com #402H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #3		

Project Eddy County, NM (NAD 83 NME)

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site (War Pigeon) Sec6_T24S_R27E

Site Position:		**Northing:**	454,478.30 usft	**Latitude:**	32° 14' 57.839 N
From:	Map	**Easting:**	571,036.93 usft	**Longitude:**	104° 14' 14.151 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.05 °

Well War Pigeon Fed Com #402H

Well Position	**+N/-S**	-30.0 usft	**Northing:**	454,448.30 usft	**Latitude:**	32° 14' 57.543 N
	+E/-W	0.1 usft	**Easting:**	571,037.00 usft	**Longitude:**	104° 14' 14.150 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**		**Ground Level:**	3,272.3 usft

Wellbore OWB

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	10/03/24	6.80	59.80	47,263.22890059

Design Plan #3

Audit Notes:

Version:		**Phase:**	PLAN	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	89.67

Plan Survey Tool Program **Date** 11/06/24

	Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	19,178.8	Plan #3 (OWB)	MWD+HRGM OWSG MWD + HRGM	

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,149.9	11.00	189.93	2,146.5	-51.8	-9.1	2.00	2.00	0.00	189.93	
7,291.3	11.00	189.93	7,193.5	-1,017.9	-178.3	0.00	0.00	0.00	0.00	
7,841.2	0.00	0.00	7,740.0	-1,069.7	-187.3	2.00	-2.00	0.00	180.00	
8,523.7	0.00	0.00	8,422.5	-1,069.7	-187.3	0.00	0.00	0.00	0.00	
9,273.7	90.00	89.80	8,900.0	-1,068.1	290.1	12.00	12.00	11.97	89.80	
19,179.0	90.00	89.80	8,900.0	-1,033.5	10,195.4	0.00	0.00	0.00	0.00	BHL (War Pigeon F

ADMIRAL PERMIAN RESOURCES

Intrepid
Planning Report

INTREPID

Database:	EDM 5000.15 Single User Db	**Local Co-ordinate Reference:**	Well War Pigeon Fed Com #402H
Company:	Admiral Permian Resources	**TVD Reference:**	KB @ 3298.3usft
Project:	Eddy County, NM (NAD 83 NME)	**MD Reference:**	KB @ 3298.3usft
Site:	(War Pigeon) Sec6_T24S_R27E	**North Reference:**	Grid
Well:	War Pigeon Fed Com #402H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #3		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
NUDGE - Build 2.00									
1,700.0	2.00	189.93	1,700.0	-1.7	-0.3	-0.3	2.00	2.00	0.00
1,800.0	4.00	189.93	1,799.8	-6.9	-1.2	-1.2	2.00	2.00	0.00
1,900.0	6.00	189.93	1,899.5	-15.5	-2.7	-2.8	2.00	2.00	0.00
2,000.0	8.00	189.93	1,998.7	-27.5	-4.8	-5.0	2.00	2.00	0.00
2,100.0	10.00	189.93	2,097.5	-42.9	-7.5	-7.8	2.00	2.00	0.00
2,149.9	11.00	189.93	2,146.5	-51.8	-9.1	-9.4	2.00	2.00	0.00
HOLD - 5141.4 at 2149.9 MD									
2,200.0	11.00	189.93	2,195.7	-61.2	-10.7	-11.1	0.00	0.00	0.00
2,300.0	11.00	189.93	2,293.9	-80.0	-14.0	-14.5	0.00	0.00	0.00
2,400.0	11.00	189.93	2,392.0	-98.8	-17.3	-17.9	0.00	0.00	0.00
2,500.0	11.00	189.93	2,490.2	-117.6	-20.6	-21.3	0.00	0.00	0.00
2,600.0	11.00	189.93	2,588.4	-136.4	-23.9	-24.7	0.00	0.00	0.00
2,700.0	11.00	189.93	2,686.5	-155.2	-27.2	-28.1	0.00	0.00	0.00
2,800.0	11.00	189.93	2,784.7	-174.0	-30.5	-31.5	0.00	0.00	0.00
2,900.0	11.00	189.93	2,882.9	-192.8	-33.8	-34.9	0.00	0.00	0.00
3,000.0	11.00	189.93	2,981.0	-211.6	-37.0	-38.3	0.00	0.00	0.00
3,100.0	11.00	189.93	3,079.2	-230.4	-40.3	-41.7	0.00	0.00	0.00
3,200.0	11.00	189.93	3,177.3	-249.1	-43.6	-45.1	0.00	0.00	0.00
3,300.0	11.00	189.93	3,275.5	-267.9	-46.9	-48.5	0.00	0.00	0.00
3,400.0	11.00	189.93	3,373.7	-286.7	-50.2	-51.9	0.00	0.00	0.00
3,500.0	11.00	189.93	3,471.8	-305.5	-53.5	-55.3	0.00	0.00	0.00
3,600.0	11.00	189.93	3,570.0	-324.3	-56.8	-58.7	0.00	0.00	0.00
3,700.0	11.00	189.93	3,668.2	-343.1	-60.1	-62.1	0.00	0.00	0.00
3,800.0	11.00	189.93	3,766.3	-361.9	-63.4	-65.5	0.00	0.00	0.00
3,900.0	11.00	189.93	3,864.5	-380.7	-66.7	-68.9	0.00	0.00	0.00
4,000.0	11.00	189.93	3,962.7	-399.5	-70.0	-72.3	0.00	0.00	0.00
4,100.0	11.00	189.93	4,060.8	-418.3	-73.2	-75.7	0.00	0.00	0.00
4,200.0	11.00	189.93	4,159.0	-437.1	-76.5	-79.1	0.00	0.00	0.00
4,300.0	11.00	189.93	4,257.1	-455.8	-79.8	-82.4	0.00	0.00	0.00
4,400.0	11.00	189.93	4,355.3	-474.6	-83.1	-85.8	0.00	0.00	0.00
4,500.0	11.00	189.93	4,453.5	-493.4	-86.4	-89.2	0.00	0.00	0.00
4,600.0	11.00	189.93	4,551.6	-512.2	-89.7	-92.6	0.00	0.00	0.00
4,700.0	11.00	189.93	4,649.8	-531.0	-93.0	-96.0	0.00	0.00	0.00
4,800.0	11.00	189.93	4,748.0	-549.8	-96.3	-99.4	0.00	0.00	0.00
4,900.0	11.00	189.93	4,846.1	-568.6	-99.6	-102.8	0.00	0.00	0.00

ADMIRAL PERMIAN RESOURCES

Intrepid
Planning Report

INTREPID

Database:	EDM 5000.15 Single User Db	**Local Co-ordinate Reference:**	Well War Pigeon Fed Com #402H
Company:	Admiral Permian Resources	**TVD Reference:**	KB @ 3298.3usft
Project:	Eddy County, NM (NAD 83 NME)	**MD Reference:**	KB @ 3298.3usft
Site:	(War Pigeon) Sec6_T24S_R27E	**North Reference:**	Grid
Well:	War Pigeon Fed Com #402H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #3		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,000.0	11.00	189.93	4,944.3	-587.4	-102.9	-106.2	0.00	0.00	0.00
5,100.0	11.00	189.93	5,042.5	-606.2	-106.2	-109.6	0.00	0.00	0.00
5,200.0	11.00	189.93	5,140.6	-625.0	-109.4	-113.0	0.00	0.00	0.00
5,300.0	11.00	189.93	5,238.8	-643.7	-112.7	-116.4	0.00	0.00	0.00
5,400.0	11.00	189.93	5,336.9	-662.5	-116.0	-119.8	0.00	0.00	0.00
5,500.0	11.00	189.93	5,435.1	-681.3	-119.3	-123.2	0.00	0.00	0.00
5,600.0	11.00	189.93	5,533.3	-700.1	-122.6	-126.6	0.00	0.00	0.00
5,700.0	11.00	189.93	5,631.4	-718.9	-125.9	-130.0	0.00	0.00	0.00
5,800.0	11.00	189.93	5,729.6	-737.7	-129.2	-133.4	0.00	0.00	0.00
5,900.0	11.00	189.93	5,827.8	-756.5	-132.5	-136.8	0.00	0.00	0.00
6,000.0	11.00	189.93	5,925.9	-775.3	-135.8	-140.2	0.00	0.00	0.00
6,100.0	11.00	189.93	6,024.1	-794.1	-139.1	-143.6	0.00	0.00	0.00
6,200.0	11.00	189.93	6,122.3	-812.9	-142.3	-147.0	0.00	0.00	0.00
6,300.0	11.00	189.93	6,220.4	-831.7	-145.6	-150.4	0.00	0.00	0.00
6,400.0	11.00	189.93	6,318.6	-850.4	-148.9	-153.8	0.00	0.00	0.00
6,500.0	11.00	189.93	6,416.7	-869.2	-152.2	-157.2	0.00	0.00	0.00
6,600.0	11.00	189.93	6,514.9	-888.0	-155.5	-160.6	0.00	0.00	0.00
6,700.0	11.00	189.93	6,613.1	-906.8	-158.8	-164.0	0.00	0.00	0.00
6,800.0	11.00	189.93	6,711.2	-925.6	-162.1	-167.4	0.00	0.00	0.00
6,900.0	11.00	189.93	6,809.4	-944.4	-165.4	-170.8	0.00	0.00	0.00
7,000.0	11.00	189.93	6,907.6	-963.2	-168.7	-174.2	0.00	0.00	0.00
7,100.0	11.00	189.93	7,005.7	-982.0	-172.0	-177.6	0.00	0.00	0.00
7,200.0	11.00	189.93	7,103.9	-1,000.8	-175.3	-181.0	0.00	0.00	0.00
7,291.3	11.00	189.93	7,193.5	-1,017.9	-178.3	-184.1	0.00	0.00	0.00
DROP - -2.00									
7,300.0	10.82	189.93	7,202.1	-1,019.5	-178.5	-184.4	2.00	-2.00	0.00
7,400.0	8.82	189.93	7,300.6	-1,036.3	-181.5	-187.4	2.00	-2.00	0.00
7,500.0	6.82	189.93	7,399.6	-1,049.8	-183.8	-189.9	2.00	-2.00	0.00
7,600.0	4.82	189.93	7,499.1	-1,059.7	-185.6	-191.7	2.00	-2.00	0.00
7,700.0	2.82	189.93	7,598.9	-1,066.3	-186.7	-192.9	2.00	-2.00	0.00
7,800.0	0.82	189.93	7,698.8	-1,069.4	-187.3	-193.4	2.00	-2.00	0.00
7,841.2	0.00	0.00	7,740.0	-1,069.7	-187.3	-193.5	2.00	-2.00	0.00
HOLD - 682.5 at 7841.2 MD									
7,900.0	0.00	0.00	7,798.8	-1,069.7	-187.3	-193.5	0.00	0.00	0.00
8,000.0	0.00	0.00	7,898.8	-1,069.7	-187.3	-193.5	0.00	0.00	0.00
8,100.0	0.00	0.00	7,998.8	-1,069.7	-187.3	-193.5	0.00	0.00	0.00
8,200.0	0.00	0.00	8,098.8	-1,069.7	-187.3	-193.5	0.00	0.00	0.00
8,300.0	0.00	0.00	8,198.8	-1,069.7	-187.3	-193.5	0.00	0.00	0.00
8,400.0	0.00	0.00	8,298.8	-1,069.7	-187.3	-193.5	0.00	0.00	0.00
8,500.0	0.00	0.00	8,398.8	-1,069.7	-187.3	-193.5	0.00	0.00	0.00
8,523.7	0.00	0.00	8,422.5	-1,069.7	-187.3	-193.5	0.00	0.00	0.00
KOP - DLS 12.00 TFO 89.80									
8,525.0	0.16	89.80	8,423.8	-1,069.7	-187.3	-193.5	12.00	12.00	0.00
8,550.0	3.16	89.80	8,448.8	-1,069.7	-186.6	-192.8	12.00	12.00	0.00
8,575.0	6.16	89.80	8,473.7	-1,069.7	-184.6	-190.7	12.00	12.00	0.00
8,600.0	9.16	89.80	8,498.5	-1,069.7	-181.2	-187.4	12.00	12.00	0.00
8,625.0	12.16	89.80	8,523.1	-1,069.7	-176.6	-182.8	12.00	12.00	0.00
8,650.0	15.16	89.80	8,547.4	-1,069.7	-170.7	-176.9	12.00	12.00	0.00
8,675.0	18.16	89.80	8,571.3	-1,069.7	-163.5	-169.7	12.00	12.00	0.00
8,700.0	21.16	89.80	8,594.9	-1,069.6	-155.1	-161.3	12.00	12.00	0.00
8,725.0	24.16	89.80	8,617.9	-1,069.6	-145.5	-151.7	12.00	12.00	0.00
8,750.0	27.16	89.80	8,640.5	-1,069.6	-134.7	-140.8	12.00	12.00	0.00
8,775.0	30.16	89.80	8,662.4	-1,069.5	-122.7	-128.8	12.00	12.00	0.00

ADMIRAL PERMIAN RESOURCES

Intrepid
Planning Report

INTREPID

Database:	EDM 5000.15 Single User Db	**Local Co-ordinate Reference:**	Well War Pigeon Fed Com #402H
Company:	Admiral Permian Resources	**TVD Reference:**	KB @ 3298.3usft
Project:	Eddy County, NM (NAD 83 NME)	**MD Reference:**	KB @ 3298.3usft
Site:	(War Pigeon) Sec6_T24S_R27E	**North Reference:**	Grid
Well:	War Pigeon Fed Com #402H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #3		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,800.0	33.16	89.80	8,683.7	-1,069.5	-109.6	-115.7	12.00	12.00	0.00
8,825.0	36.16	89.80	8,704.2	-1,069.4	-95.4	-101.5	12.00	12.00	0.00
8,850.0	39.16	89.80	8,724.0	-1,069.4	-80.1	-86.2	12.00	12.00	0.00
8,875.0	42.16	89.80	8,743.0	-1,069.3	-63.8	-69.9	12.00	12.00	0.00
8,900.0	45.16	89.80	8,761.1	-1,069.2	-46.5	-52.7	12.00	12.00	0.00
8,925.0	48.16	89.80	8,778.2	-1,069.2	-28.4	-34.5	12.00	12.00	0.00
8,950.0	51.16	89.80	8,794.4	-1,069.1	-9.3	-15.5	12.00	12.00	0.00
8,975.0	54.16	89.80	8,809.6	-1,069.1	10.6	4.4	12.00	12.00	0.00
9,000.0	57.16	89.80	8,823.7	-1,069.0	31.2	25.1	12.00	12.00	0.00
9,025.0	60.16	89.80	8,836.7	-1,068.9	52.6	46.4	12.00	12.00	0.00
9,050.0	63.16	89.80	8,848.5	-1,068.8	74.6	68.4	12.00	12.00	0.00
9,075.0	66.16	89.80	8,859.2	-1,068.7	97.2	91.0	12.00	12.00	0.00
9,100.0	69.16	89.80	8,868.7	-1,068.7	120.3	114.1	12.00	12.00	0.00
9,113.2	70.75	89.80	8,873.3	-1,068.6	132.7	126.5	12.00	12.00	0.00
FTP/PP1 @ 9113.2'MD									
9,125.0	72.16	89.80	8,877.0	-1,068.6	143.9	137.7	12.00	12.00	0.00
9,150.0	75.16	89.80	8,884.0	-1,068.5	167.9	161.7	12.00	12.00	0.00
9,175.0	78.16	89.80	8,889.8	-1,068.4	192.2	186.0	12.00	12.00	0.00
9,200.0	81.16	89.80	8,894.3	-1,068.3	216.8	210.6	12.00	12.00	0.00
9,225.0	84.16	89.80	8,897.5	-1,068.2	241.6	235.4	12.00	12.00	0.00
9,250.0	87.16	89.80	8,899.4	-1,068.2	266.5	260.3	12.00	12.00	0.00
9,273.7	90.00	89.80	8,900.0	-1,068.1	290.1	284.0	12.00	12.00	0.00
EOC - 9905.3 hold at 9273.7 MD									
9,300.0	90.00	89.80	8,900.0	-1,068.0	316.5	310.3	0.00	0.00	0.00
9,400.0	90.00	89.80	8,900.0	-1,067.6	416.5	410.3	0.00	0.00	0.00
9,500.0	90.00	89.80	8,900.0	-1,067.3	516.5	510.3	0.00	0.00	0.00
9,600.0	90.00	89.80	8,900.0	-1,066.9	616.5	610.3	0.00	0.00	0.00
9,700.0	90.00	89.80	8,900.0	-1,066.6	716.5	710.3	0.00	0.00	0.00
9,800.0	90.00	89.80	8,900.0	-1,066.2	816.5	810.3	0.00	0.00	0.00
9,900.0	90.00	89.80	8,900.0	-1,065.9	916.5	910.3	0.00	0.00	0.00
10,000.0	90.00	89.80	8,900.0	-1,065.5	1,016.5	1,010.3	0.00	0.00	0.00
10,100.0	90.00	89.80	8,900.0	-1,065.2	1,116.5	1,110.3	0.00	0.00	0.00
10,200.0	90.00	89.80	8,900.0	-1,064.8	1,216.5	1,210.3	0.00	0.00	0.00
10,300.0	90.00	89.80	8,900.0	-1,064.5	1,316.5	1,310.3	0.00	0.00	0.00
10,400.0	90.00	89.80	8,900.0	-1,064.1	1,416.5	1,410.3	0.00	0.00	0.00
10,500.0	90.00	89.80	8,900.0	-1,063.8	1,516.5	1,510.3	0.00	0.00	0.00
10,600.0	90.00	89.80	8,900.0	-1,063.5	1,616.5	1,610.3	0.00	0.00	0.00
10,700.0	90.00	89.80	8,900.0	-1,063.1	1,716.5	1,710.3	0.00	0.00	0.00
10,800.0	90.00	89.80	8,900.0	-1,062.8	1,816.5	1,810.3	0.00	0.00	0.00
10,900.0	90.00	89.80	8,900.0	-1,062.4	1,916.5	1,910.3	0.00	0.00	0.00
11,000.0	90.00	89.80	8,900.0	-1,062.1	2,016.5	2,010.3	0.00	0.00	0.00
11,100.0	90.00	89.80	8,900.0	-1,061.7	2,116.5	2,110.3	0.00	0.00	0.00
11,200.0	90.00	89.80	8,900.0	-1,061.4	2,216.5	2,210.3	0.00	0.00	0.00
11,300.0	90.00	89.80	8,900.0	-1,061.0	2,316.5	2,310.3	0.00	0.00	0.00
11,400.0	90.00	89.80	8,900.0	-1,060.7	2,416.5	2,410.3	0.00	0.00	0.00
11,500.0	90.00	89.80	8,900.0	-1,060.3	2,516.5	2,510.3	0.00	0.00	0.00
11,600.0	90.00	89.80	8,900.0	-1,060.0	2,616.5	2,610.3	0.00	0.00	0.00
11,700.0	90.00	89.80	8,900.0	-1,059.6	2,716.5	2,710.3	0.00	0.00	0.00
11,800.0	90.00	89.80	8,900.0	-1,059.3	2,816.5	2,810.3	0.00	0.00	0.00
11,900.0	90.00	89.80	8,900.0	-1,058.9	2,916.5	2,910.3	0.00	0.00	0.00
12,000.0	90.00	89.80	8,900.0	-1,058.6	3,016.5	3,010.3	0.00	0.00	0.00
12,100.0	90.00	89.80	8,900.0	-1,058.2	3,116.5	3,110.3	0.00	0.00	0.00
12,200.0	90.00	89.80	8,900.0	-1,057.9	3,216.5	3,210.3	0.00	0.00	0.00
12,300.0	90.00	89.80	8,900.0	-1,057.5	3,316.5	3,310.3	0.00	0.00	0.00

ADMIRAL PERMIAN RESOURCES

Intrepid
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Project:	Eddy County, NM (NAD 83 NME)	**MD Reference:**	KB @ 3298.3usft
Site:	(War Pigeon) Sec6_T24S_R27E	**North Reference:**	Grid
Well:	War Pigeon Fed Com #402H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
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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)
12,400.0	90.00	89.80	8,900.0	-1,057.2	3,416.5	3,410.3	0.00	0.00	0.00
12,500.0	90.00	89.80	8,900.0	-1,056.8	3,516.5	3,510.3	0.00	0.00	0.00
12,600.0	90.00	89.80	8,900.0	-1,056.5	3,616.5	3,610.3	0.00	0.00	0.00
12,700.0	90.00	89.80	8,900.0	-1,056.1	3,716.5	3,710.3	0.00	0.00	0.00
12,800.0	90.00	89.80	8,900.0	-1,055.8	3,816.5	3,810.3	0.00	0.00	0.00
12,900.0	90.00	89.80	8,900.0	-1,055.4	3,916.5	3,910.3	0.00	0.00	0.00
13,000.0	90.00	89.80	8,900.0	-1,055.1	4,016.5	4,010.3	0.00	0.00	0.00
13,100.0	90.00	89.80	8,900.0	-1,054.7	4,116.5	4,110.3	0.00	0.00	0.00
13,200.0	90.00	89.80	8,900.0	-1,054.4	4,216.4	4,210.3	0.00	0.00	0.00
13,300.0	90.00	89.80	8,900.0	-1,054.0	4,316.4	4,310.3	0.00	0.00	0.00
13,400.0	90.00	89.80	8,900.0	-1,053.7	4,416.4	4,410.3	0.00	0.00	0.00
13,500.0	90.00	89.80	8,900.0	-1,053.3	4,516.4	4,510.3	0.00	0.00	0.00
13,600.0	90.00	89.80	8,900.0	-1,053.0	4,616.4	4,610.3	0.00	0.00	0.00
13,700.0	90.00	89.80	8,900.0	-1,052.6	4,716.4	4,710.3	0.00	0.00	0.00
13,800.0	90.00	89.80	8,900.0	-1,052.3	4,816.4	4,810.3	0.00	0.00	0.00
13,900.0	90.00	89.80	8,900.0	-1,052.0	4,916.4	4,910.3	0.00	0.00	0.00
14,000.0	90.00	89.80	8,900.0	-1,051.6	5,016.4	5,010.3	0.00	0.00	0.00
14,009.8	90.00	89.80	8,900.0	-1,051.6	5,026.2	5,020.1	0.00	0.00	0.00
PP2 @ 14009.8'MD									
14,100.0	90.00	89.80	8,900.0	-1,051.3	5,116.4	5,110.3	0.00	0.00	0.00
14,200.0	90.00	89.80	8,900.0	-1,050.9	5,216.4	5,210.3	0.00	0.00	0.00
14,300.0	90.00	89.80	8,900.0	-1,050.6	5,316.4	5,310.3	0.00	0.00	0.00
14,400.0	90.00	89.80	8,900.0	-1,050.2	5,416.4	5,410.3	0.00	0.00	0.00
14,500.0	90.00	89.80	8,900.0	-1,049.9	5,516.4	5,510.3	0.00	0.00	0.00
14,600.0	90.00	89.80	8,900.0	-1,049.5	5,616.4	5,610.3	0.00	0.00	0.00
14,700.0	90.00	89.80	8,900.0	-1,049.2	5,716.4	5,710.3	0.00	0.00	0.00
14,800.0	90.00	89.80	8,900.0	-1,048.8	5,816.4	5,810.3	0.00	0.00	0.00
14,900.0	90.00	89.80	8,900.0	-1,048.5	5,916.4	5,910.3	0.00	0.00	0.00
15,000.0	90.00	89.80	8,900.0	-1,048.1	6,016.4	6,010.3	0.00	0.00	0.00
15,100.0	90.00	89.80	8,900.0	-1,047.8	6,116.4	6,110.3	0.00	0.00	0.00
15,200.0	90.00	89.80	8,900.0	-1,047.4	6,216.4	6,210.3	0.00	0.00	0.00
15,300.0	90.00	89.80	8,900.0	-1,047.1	6,316.4	6,310.3	0.00	0.00	0.00
15,400.0	90.00	89.80	8,900.0	-1,046.7	6,416.4	6,410.3	0.00	0.00	0.00
15,500.0	90.00	89.80	8,900.0	-1,046.4	6,516.4	6,510.3	0.00	0.00	0.00
15,600.0	90.00	89.80	8,900.0	-1,046.0	6,616.4	6,610.3	0.00	0.00	0.00
15,700.0	90.00	89.80	8,900.0	-1,045.7	6,716.4	6,710.3	0.00	0.00	0.00
15,800.0	90.00	89.80	8,900.0	-1,045.3	6,816.4	6,810.3	0.00	0.00	0.00
15,900.0	90.00	89.80	8,900.0	-1,045.0	6,916.4	6,910.3	0.00	0.00	0.00
16,000.0	90.00	89.80	8,900.0	-1,044.6	7,016.4	7,010.3	0.00	0.00	0.00
16,100.0	90.00	89.80	8,900.0	-1,044.3	7,116.4	7,110.3	0.00	0.00	0.00
16,200.0	90.00	89.80	8,900.0	-1,043.9	7,216.4	7,210.3	0.00	0.00	0.00
16,300.0	90.00	89.80	8,900.0	-1,043.6	7,316.4	7,310.3	0.00	0.00	0.00
16,400.0	90.00	89.80	8,900.0	-1,043.2	7,416.4	7,410.3	0.00	0.00	0.00
16,500.0	90.00	89.80	8,900.0	-1,042.9	7,516.4	7,510.3	0.00	0.00	0.00
16,600.0	90.00	89.80	8,900.0	-1,042.5	7,616.4	7,610.3	0.00	0.00	0.00
16,700.0	90.00	89.80	8,900.0	-1,042.2	7,716.4	7,710.3	0.00	0.00	0.00
16,800.0	90.00	89.80	8,900.0	-1,041.8	7,816.4	7,810.3	0.00	0.00	0.00
16,900.0	90.00	89.80	8,900.0	-1,041.5	7,916.4	7,910.3	0.00	0.00	0.00
17,000.0	90.00	89.80	8,900.0	-1,041.1	8,016.4	8,010.3	0.00	0.00	0.00
17,100.0	90.00	89.80	8,900.0	-1,040.8	8,116.4	8,110.3	0.00	0.00	0.00
17,200.0	90.00	89.80	8,900.0	-1,040.4	8,216.4	8,210.3	0.00	0.00	0.00
17,300.0	90.00	89.80	8,900.0	-1,040.1	8,316.4	8,310.3	0.00	0.00	0.00
17,400.0	90.00	89.80	8,900.0	-1,039.8	8,416.4	8,410.3	0.00	0.00	0.00

ADMIRAL PERMIAN RESOURCES

Intrepid
Planning Report

INTREPID

Database:	EDM 5000.15 Single User Db	**Local Co-ordinate Reference:**	Well War Pigeon Fed Com #402H
Company:	Admiral Permian Resources	**TVD Reference:**	KB @ 3298.3usft
Project:	Eddy County, NM (NAD 83 NME)	**MD Reference:**	KB @ 3298.3usft
Site:	(War Pigeon) Sec6_T24S_R27E	**North Reference:**	Grid
Well:	War Pigeon Fed Com #402H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #3		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
17,500.0	90.00	89.80	8,900.0	-1,039.4	8,516.4	8,510.3	0.00	0.00	0.00
17,600.0	90.00	89.80	8,900.0	-1,039.1	8,616.4	8,610.3	0.00	0.00	0.00
17,700.0	90.00	89.80	8,900.0	-1,038.7	8,716.4	8,710.3	0.00	0.00	0.00
17,800.0	90.00	89.80	8,900.0	-1,038.4	8,816.4	8,810.3	0.00	0.00	0.00
17,900.0	90.00	89.80	8,900.0	-1,038.0	8,916.4	8,910.3	0.00	0.00	0.00
18,000.0	90.00	89.80	8,900.0	-1,037.7	9,016.4	9,010.3	0.00	0.00	0.00
18,100.0	90.00	89.80	8,900.0	-1,037.3	9,116.4	9,110.3	0.00	0.00	0.00
18,200.0	90.00	89.80	8,900.0	-1,037.0	9,216.4	9,210.3	0.00	0.00	0.00
18,300.0	90.00	89.80	8,900.0	-1,036.6	9,316.4	9,310.3	0.00	0.00	0.00
18,400.0	90.00	89.80	8,900.0	-1,036.3	9,416.4	9,410.3	0.00	0.00	0.00
18,500.0	90.00	89.80	8,900.0	-1,035.9	9,516.4	9,510.3	0.00	0.00	0.00
18,600.0	90.00	89.80	8,900.0	-1,035.6	9,616.4	9,610.3	0.00	0.00	0.00
18,700.0	90.00	89.80	8,900.0	-1,035.2	9,716.4	9,710.3	0.00	0.00	0.00
18,800.0	90.00	89.80	8,900.0	-1,034.9	9,816.4	9,810.3	0.00	0.00	0.00
18,900.0	90.00	89.80	8,900.0	-1,034.5	9,916.4	9,910.3	0.00	0.00	0.00
18,949.0	90.00	89.80	8,900.0	-1,034.4	9,965.4	9,959.3	0.00	0.00	0.00
LTP @ 18949'MD									
19,000.0	90.00	89.80	8,900.0	-1,034.2	10,016.4	10,010.3	0.00	0.00	0.00
19,100.0	90.00	89.80	8,900.0	-1,033.8	10,116.4	10,110.3	0.00	0.00	0.00
19,179.0	90.00	89.80	8,900.0	-1,033.5	10,195.4	10,189.3	0.00	0.00	0.00
TD at 19179.0									

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PP2 (War Pigeon Fed - plan misses target center by 15.0usft at 14009.8usft MD (8900.0 TVD, -1051.6 N, 5026.2 E) - Point	0.00	0.00	8,900.0	-1,066.5	5,026.2	453,381.76	576,063.25	32° 14' 46.940 N	104° 13' 15.633 W
LTP (War Pigeon Fed - plan misses target center by 0.7usft at 18949.0usft MD (8900.0 TVD, -1034.4 N, 9965.4 E) - Point	0.00	0.00	8,900.0	-1,035.0	9,965.4	453,413.28	581,002.38	32° 14' 47.197 N	104° 12' 18.118 W
KOP (War Pigeon Fed - plan misses target center by 197.8usft at 8900.0usft MD (8761.1 TVD, -1069.2 N, -46.5 E) - Point	0.00	0.00	8,900.0	-1,069.7	-187.3	453,378.56	570,849.67	32° 14' 46.958 N	104° 14' 16.343 W
BHL (War Pigeon Fed - plan hits target center - Point	0.00	0.00	8,900.0	-1,033.5	10,195.4	453,414.75	581,232.41	32° 14' 47.209 N	104° 12' 15.440 W
FTP/PP1 (War Pigeon - plan misses target center by 25.3usft at 9121.7usft MD (8876.0 TVD, -1068.6 N, 140.7 E) - Point	0.00	0.00	8,900.0	-1,069.5	132.7	453,378.75	571,169.67	32° 14' 46.957 N	104° 14' 12.617 W

ADMIRAL PERMIAN RESOURCES

Intrepid
Planning Report

INTREPID

Database:	EDM 5000.15 Single User Db	**Local Co-ordinate Reference:**	Well War Pigeon Fed Com #402H
Company:	Admiral Permian Resources	**TVD Reference:**	KB @ 3298.3usft
Project:	Eddy County, NM (NAD 83 NME)	**MD Reference:**	KB @ 3298.3usft
Site:	(War Pigeon) Sec6_T24S_R27E	**North Reference:**	Grid
Well:	War Pigeon Fed Com #402H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #3		

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
469.0	469.0	Rustler			
749.0	749.0	Top Salt			
1,720.0	1,720.0	Base Salt			
1,961.0	1,960.0	Lamar			
2,079.2	2,077.0	Bell Canyon			
2,846.2	2,830.0	Cherry Canyon			
3,868.9	3,834.0	Brushy Canyon			
5,488.7	5,424.0	Bone Spring			
5,488.7	5,424.0	Avalon			
6,532.9	6,449.0	1st Bone Spring Sand			
7,003.5	6,911.0	2nd Bone Spring Sand			
7,225.6	7,129.0	3rd Bone Spring Carb			
8,494.2	8,393.0	3rd Bone Spring Sand			
8,901.3	8,762.0	Wolfcamp			

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
1,600.0	1,600.0	0.0	0.0	NUDGE - Build 2.00
2,149.9	2,146.5	-51.8	-9.1	HOLD - 5141.4 at 2149.9 MD
7,291.3	7,193.5	-1,017.9	-178.3	DROP - -2.00
7,841.2	7,740.0	-1,069.7	-187.3	HOLD - 682.5 at 7841.2 MD
8,523.7	8,422.5	-1,069.7	-187.3	KOP - DLS 12.00 TFO 89.80
9,113.2	8,873.3	-1,068.6	132.7	FTP/PP1 @ 9113.2'MD
9,273.7	8,900.0	-1,068.1	290.1	EOC - 9905.3 hold at 9273.7 MD
14,009.8	8,900.0	-1,051.6	5,026.2	PP2 @ 14009.8'MD
18,949.0	8,900.0	-1,034.4	9,965.4	LTP @ 18949'MD
19,179.0	8,900.0	-1,033.5	10,195.4	TD at 19179.0

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: ADMIRAL PERMIAN OPERATING, LLC **OGRID:** 332762 **Date:** 12 / 31 / 24

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
WAR PIGEON FED	30-015-	E-6-24S-27E	1594 FNL	200	2,000	625
COM 402H			200 FWL			

IV. Central Delivery Point Name: TARGA MIDSTREAM SERVICES (24650) @ COG's BLACK RIVER STATE 4H M-5-24S-27E [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
WAR PIGEON FED	30-015-	9-1-25	11-1-25	12-1-25	1-1-26	2-1-26
COM 402H						

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

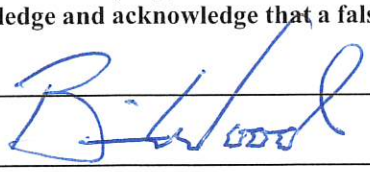
1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(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:	Brian Wood
Title:	Consultant
E-mail Address:	brian@permitswest.com
Date:	12-31-24
Phone:	505 466-8120

OIL CONSERVATION DIVISION **(Only applicable when submitted as a standalone form)**
Approved By:
Title:
Approval Date:
Conditions of Approval:

VI. SEPARATION EQUIPMENT

Admiral Permian Operating, LLC (Admiral) tentatively plans to install a heater-treater, gas scrubber, separator, flare, vapor recovery unit, vapor recovery pipes for all tanks, and oil and water tanks.

VII. OPERATIONAL PRACTICES

NMAC 19.15.27.8 (A) Venting & Flaring of Natural Gas

1. Admiral will comply NMAC 19.15.27.8 – venting and flaring of gas during drilling, completion, or production that constitutes waste as defined in 19.15.2 is banned.

NMAC 19.15.27.8 (B) Venting & Flaring During Drilling

1. Admiral will capture or combust gas if technically feasible during drilling operations using best industry practices.
2. A flare stack with a 100% capacity for expected volume will be set on the pad ≥100 feet from the nearest well head and storage tank.
3. In an emergency, Admiral will vent gas in order to avoid substantial impact. Admiral will report vented or flared gas to the NMOCD.

NMAC 19.15.27.8 (C) Venting & Flaring During Completion or Recompletion

1. Facilities will be built and ready from the first day of flowback
2. Test separator will be properly separate gas and liquids. Temporary test separator will be used initially to process volumes. In addition, separator will be tied into flowback tanks which will be tied into the gas processing equipment for sale down a pipeline.
3. Should the facility not be ready to process gas, or the gas does not meet quality standards, then storage tanks will be set that are tied into gas busters or a temporary flare to manage all gas. This flare would meet the following requirements:
    a) An appropriately sized flare stack with an automatic igniter
    b) Admiral analyzes gas samples twice a week

c) Admiral flows the gas into a gathering line as soon as the pipeline specifications are met
d) Admiral provides the NMOCD with pipeline specifications and natural gas data.

NMAC 19.15.27.8 (D) Venting & Flaring During Production
Admiral will not vent or flare natural gas except:

1. During an emergency or malfunction
2. To unload or clean-up liquid holdup in a well to atmospheric pressure, provided
   a) Admiral does not vent after the well achieves a stabilized rate and pressure
   b) Admiral will be on-site while unloading liquids by manual purging and take all reasonable actions to achieve a stabilized rate and pressure as soon as possible
   c) Admiral will optimize the system to minimize gas venting if the well is equipped with a plunger lift or auto control system
   d) Best management practices will be used during downhole well maintenance.
3. During the first year of production from an exploratory well provided
   a) Admiral receives approval from the NMOCD
   b) Admiral stays in compliance with NMOCD gas capture requirements
   c) Admiral submits an updated C-129 form to the NMOCD
4. During the following activities unless prohibited
   a) Gauging or sampling a storage tank or low-pressure production vessel
   b) Loading out liquids from a storage tank
   c) Repair and maintenance
   d) Normal operation of a gas-activated pneumatic controller or pump
   e) Normal operation of a storage tank but not including venting from a thief hatch
   f) Normal operation of dehydration units
   g) Normal operations of compressors, engines, turbines, valves, flanges, & connectors
   h) During a Braden head, packer leak test, or production test lasting <24 hours
   i) When natural gas does not meet the gathering line specifications
   j) Commissioning of lines, equipment, or facilities only for as long as necessary to purge introduced impurities.

NMAC 19.15.27.8 (E) Performance Standards

1. Admiral used a safety factor to design the separation and storage equipment. The equipment will be routed to a vapor recovery system and uses a flare as back up for startup, shutdown, maintenance, or malfunction of the VRU system.
2. Admiral will install a flare that will handle the full facility vapor volume in case the VRU fails. It will have an auto-ignition system.
3. Flare stacks will be appropriately sized and designed to ensure proper combustion efficiency
    a) Flare stacks installed or replaced will be equipped with an automatic ignitor or continuous pilot.
    b) Previously installed flare stacks will be retrofitted within 18 months of May 25, 2021, with an automatic ignitor, continuous pilot, or technology that alerts Admiral to flare malfunction.
    c) Flare stacks replaced after May 25, 2021, will be equipped with an automatic ignitor or continuous pilot if at a well or facility with an average production of ≤60 Mcfd of natural gas.
    d) Flare stacks will be located >100 feet from well head and storage tanks and securely anchored.
4. Admiral will conduct an audio/visual/olfactory inspection on all components for leaks and defects every week.
5. Admiral will make and keep records of AVO inspections available to the NMOCD for at least 5 years.
6. Admiral may use a remote or automated monitoring technology to detect leaks and releases in lieu of AVO inspections with prior NMOCD approval.
7. Facilities will be designed to minimize waste.
8. Admiral will resolve emergencies as promptly as possible.

NMAC 19.15.27.8 (F) Measuring or Estimating Vented & Flared Natural Gas

1. Admiral will have meters on both the low pressure and high-pressure sides of the flares. Volumes will be recorded in the SCADA system.
2. Admiral will install equipment to measure the volume of flared natural gas that has an average production of ≥60 Mcfd.
3. Admiral's measuring equipment will conform to industry standards.
4. Measurement system will be designed such that it cannot be bypassed except for inspections and servicing the meters.

5. Admiral will estimate the volume of vented or flared gas using a methodology that can be independently verified if metering is not practicable due to low flow rate or pressure.
6. Admiral will estimate the volume of vented and flared gas based on the results of an annual GOR test for wells that do not require measuring equipment reported on form C-116.
7. Admiral will install measuring equipment whenever the NMOCD determines that metering is necessary.

VIII. Best Management Practices

Admiral will minimize venting during maintenance by:

1. Designing and operating system to route storage tank and process equipment emissions to the VRU. If the VRU is inoperable, then vapors will be routed to the flare.
2. Scheduling maintenance for multiple tasks to minimize the need for blowdowns.
3. After completion of maintenance, gas will be flared until it meets pipeline specifications.