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 384736

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

Operator Name and Address     LONGFELLOW ENERGY, L	2. OGRID Number 372210	
8115 Preston Road Dallas, TX 75225		3. API Number 30-015-56326
4. Property Code 332861	5. Property Name SANTANA STATE COM 20 CD	6. Well No. 002H
	7. Surface Location	

UL - Lot N/S Line Feet From E/W Line Section Township Range Lot Idn Feet From County 21 17S 28E 2396 699 Eddy 8. Proposed Bottom Hole Location

Range County UL - Lot Section Township Lot Idn N/S Line Feet From E/W Line Feet From 20 17S 28E 1930 20 Eddy

#### 9. Pool Information

ARTESIA; GLORIETA-YESO (O) 96830

#### **Additional Well Information**

11. Work Type	12. Well Type	13. Cable/Rotary	14. Lease Type	15. Ground Level Elevation	
New Well	OIL		State	3644	
16. Multiple	17. Proposed Depth	18. Formation	19. Contractor	20. Spud Date	
N	9962	Blinebry		5/15/2025	
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water	

#### ${\ensuremath{\overline{\boxtimes}}}$ We will be using a closed-loop system in lieu of lined pits

#### 21. Proposed Casing and Cement Program

			Ziii iopooca easiii	g and comont i rogiam		
Туре	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	9.625	36	1375	820	0
Prod	8.75	7	32	4671	763	1100
Prod	8.75	5.5	20	9962	763	1100

#### Casing/Cement Program: Additional Comments

#### 22. Proposed Blowout Prevention Program

	ZZ. I Toposca Blowout i Teve	ilion i rogium	
Туре	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	Shaffer
Blind	3000	3000	Shaffer

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				OIL CONSERVATIO	ON DIVISION
Signature:					
Printed Name:	Electronically filed by David Cair	า	Approved By:	Matthew Gomez	
Title:	Engineering Technologist		Title:		
Email Address: david.cain@longfellowenergy.com			Approved Date:	3/7/2025	Expiration Date: 3/7/2027
Date:	3/3/2025	Phone: 972-590-9918	Conditions of Approval Attached		

		/3/2025 7:43	3;50 AM_					Ī		Page
C-10		u.,	E			w Mexico al Resources Dep FION DIVISIO			Re	vised July 9, 202
	t Electronica D Permitting			OIL	CONSERVA	HON DIVISIO	N	2002 20 2000 10	☐ Initial Sub	mittal
								Submittal Type:	☐ Amended I	Report
								Type.	☐ As Drilled	
					WELL LOCA	TION INFORMATION	ON	1		
	15-563	26	Pool Code 96830			Pool Name ARTESIA; G	LORIETA-Y	/ESO (C	))	
Propert 3328	ty Code 861		Property N	lame SA	NTANA STAT			•	Well Number	002H
OGRII	O No. 372	210	Operator N	lame LO	NGFELLOW E	ENERGY, LP			Ground Level Elevation	3644.6
Surface	e Owner: 🗵	State □Fee □T	ribal □Feder	al		Mineral Owner	: ☑State □Fee □	Tribal □Fed	eral	
					Surf	ace Location				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Long	itude	County
L	21	17 S	28 E		2396 SOUTH	12 14 22 22 22 22 22 22 22 22 22 22 22 22 22	32.8189999°	comment of the second	.1869601°W	EDDY
					Botton	Hole Location				4
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Long		County
L	20	17 S	28 E		1930 SOUTH	20 WEST 32.8177110°1		N 104.2062436°W		EDDY
Dadian	t. J A	I	W-II	D.C.	W. H. ADI					
320.0	ted Acres	Infill or Defi	ning Well		g Well API 15-49528	Overlapping Spa	icing Unit (Y/N)	Consolidation COM		
Order N	Numbers. R-	21654				Well setbacks ar	e under Common	Ownership: ⊑	∃Yes □No	
					Kick O	off Point (KOP)				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Long	itude	County
L	21	17 S	28 E		2396 SOUTH	I 699 WEST	32.8189999°	N 104.	1869601°W	EDDY
			-		First Ta	ake Point (FTP)				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Long		County
Ι	20	17 S	28 E		1930 SOUTH	I 100 EAST	32.8176600°	N 104.	1895628°W	EDDY
		1	<del></del>		Last Ta	ike Point (LTP)				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Long		County
L	20	17 S	28 E		1930 SOUTH	I 100 WEST	32.8177102°	N 104.	2059833°W	EDDY
TI-isi	1 4 4 -									
Omtize	u Aica of Af	ea of Uniform	interest	Spacing	Unit Type ☑ Horiz	contal 🗆 Vertical	Grou	nd Floor Elev	ation:	
OPERA	TOR CERT	IFICATIONS				SURVEYOR CERT	TIFICATIONS	-		-
I hereby	certify that the	e information con	tain <mark>e</mark> d herein is	true and con	aplete to the best	I hereby certify that t		un on this also	was plotted for	Gold water C
		elief, and, if the w				surveys made by me o	r under my supervisi	on, and that the	was pionea from f same is true and c	reia notes of actua correct to the best o

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 run leased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order here to fore 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 legge or overler of a working interest or unleased mineral interest in each tract (in the target pool by formation) in which any part of the well's completed interput will be located or obtained a compulsory pooling order from the division.

8-23-24

Signature

#### **BRIAN WOOD**

Printed Name

brian@permitswest.com

Email Address

my belief.

Signature and Seal of Professional Survey FILIMON F. JARAMILLO

CertificateNumber

Dateof Survey

PLS 12797

JULY 3, 2024

SURVEY NO. 8615B

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.

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.

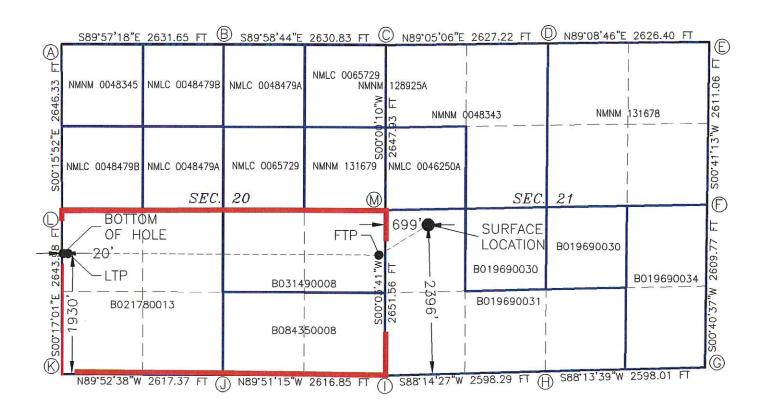
Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

#### SANTANA STATE COM 20 CD 002H EL. = 3644.6

GEODETIC COORDINATES NAD 83 NMSP EAST SURFACE LOCATION N.= 661716.02 E.= 586303.52 LAT. = 32.8189999°N LONG. = 104.1869601°W KICK OFF POINT 2396' FSL, 699' FWL N.= 661716.02 E.= 586303.52 LAT. = 32.8189999°N LONG. = 104.1869601°W FIRST TAKE POINT (PPP 1) 1930' FSL, 100' FEL N.= 661227.43 E.= 585504.64 LAT. = 32.8176600°N LONG. = 104.1895628°W

LAST TAKE POINT
1930' FSL, 100' FWL
N.= 661239.25
E.= 580460.13
LAT. = 32.8177102'N
LONG. = 104.2059833'W
BOTTOM OF HOLE
1930' FSL, 20' FWL
N.= 661239.42
E.= 580380.16
LAT. = 32.8177110'N
LONG. = 104.2062436'W

CORNER COORDINATES TABLE NAD 83 NMSP EAST N.= 664598.82 580344.41 E.= В -N.=664596.76 E.= 582975.37 - N.= 664595.79 585605.52 F =D - N.= 664637.73 E.= 588231.72 Ε - N.= 664676.86 E.= 590857.15 - N.= 662066.66 590825.85 F.= G - N.= 659457.75 590795.03 - N.= 659377.42 E.= 588198.94 - N.= 659297.68 E,= 585602.54 - N.= 659304.34 582986.39 K - N.= 659309.95 L - N.= 661953.21 M - N.= 661948.54 E.= 580369.70 580356.63 E.= E.= 585605.39



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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 384736

#### PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:	API Number:
LONGFELLOW ENERGY, LP [372210]	30-015-56326
8115 Preston Road	Well:
Dallas, TX 75225	SANTANA STATE COM 20 CD #002H

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.
	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.
	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 production 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.



Company: Longfellow Energy Project: Eddy Co., NM (Nad-83)

Site: SANTANA STATE COM Well: 20 CD 002H

Wellbore: OH

Rig: AKITA 519

7:37, August 09 2024



Magnetic Field Strength: 47441.9nT

Dip Angle: 60.24° Date: 9/15/2024

Model: IGRF2020

## **DESIGN TARGET DETAILS**

Name	IVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
20 CD 002H: SHL	0.00	0.00	0.00	661716.02	586303.52	32.819000	-104.186960	
20 CD 002H: KOP	1500.00	0.00	0.00	661716.02	586303.52	32.819000	-104.186960	
20 CD 002H: BHL	4123.00	-476.60	-5923.36	661239.42	580380.16	32.817711	-104.206244	
20 CD 002H: LTP	4125.09	-476.77	-5843.39	661239.25	580460.13	32.817710	-104.205983	
20 CD 002H: FTP	4257.00	-488.59	-798.88	661227.43	585504.64	32.817660	-104.189563	

PROJECT DETAILS: Eddy Co., NM (Nad-83)

**2200** 

둦 2600·

**⊢** 3200

3600-

GLORIETA

4000 UPPER BLINEBRY

TOP PADDOCK

BASAL PADDOCK

LOWER BLINEBRY

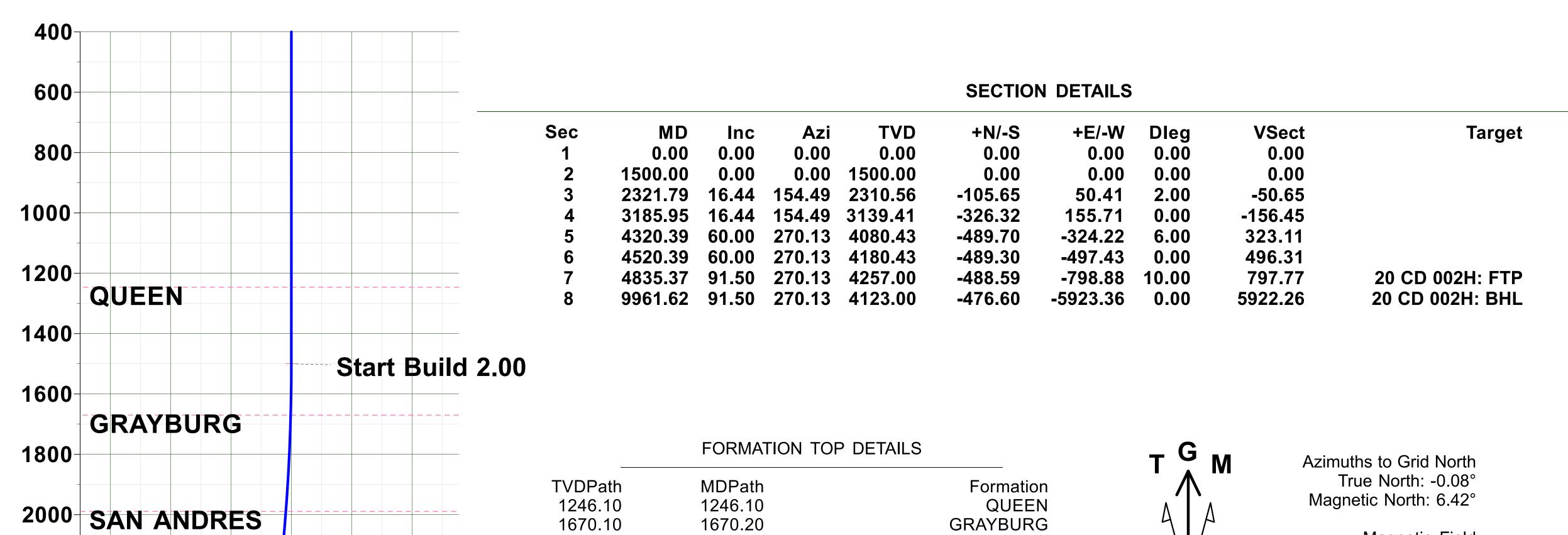
UPPER BLINEBRY TARGET

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

WELL DETAILS: 20 CD 002H

RKB = 20.3' @ 3664.90usft (AKITA 519)

**Easting** Longitude -104.186960 586303.52



3431.46 3465.57

3796.80 4085.16

4835.37

1989.10

3410.00 3715.00 3940.00 4257.00

**Start DLS 6.00 TFO 122.685** 

## **CORRECTION REFERENCE DATA:**

SAN ANDRES

TOP PADDOCK

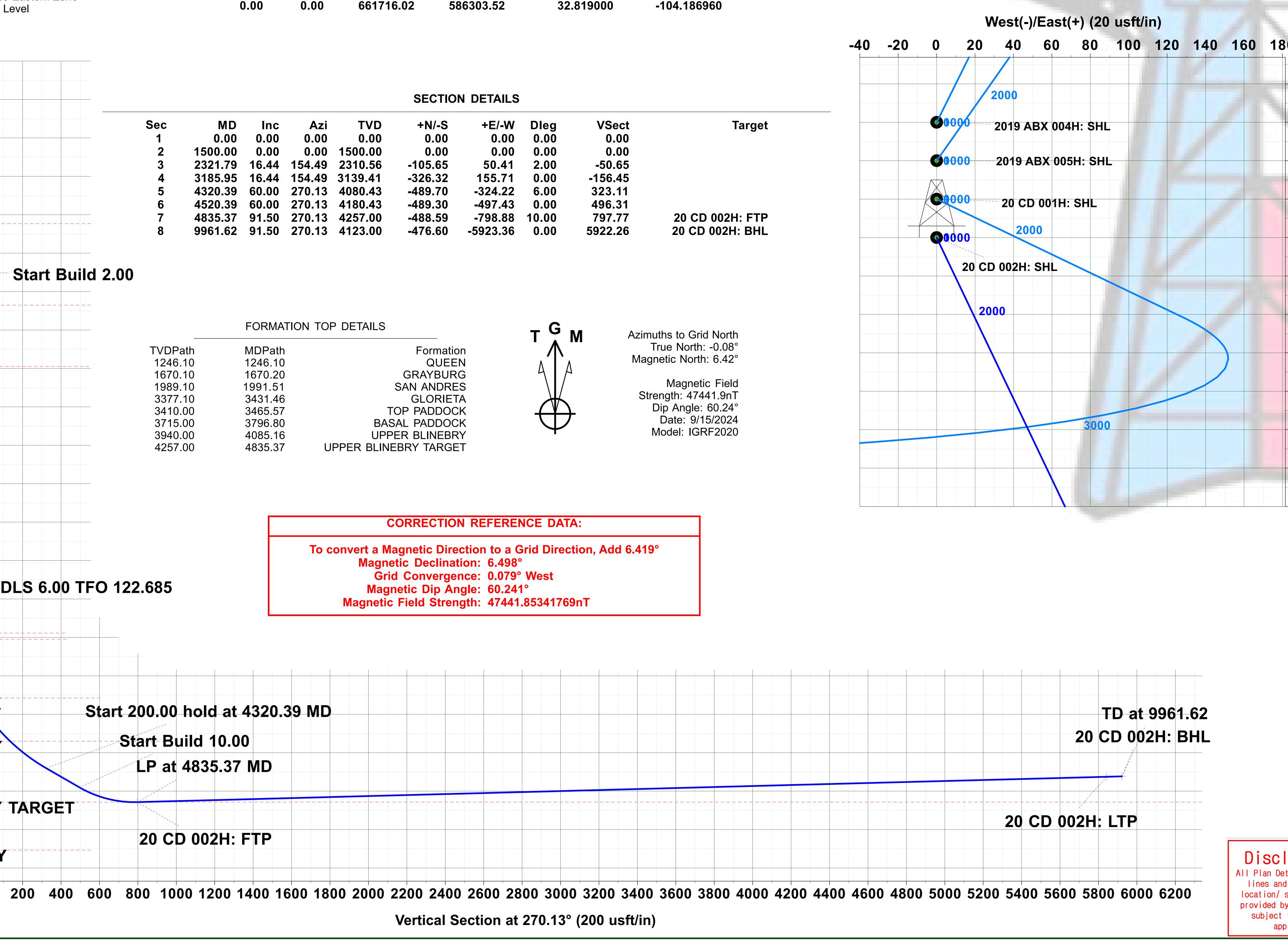
BASAL PADDOCK

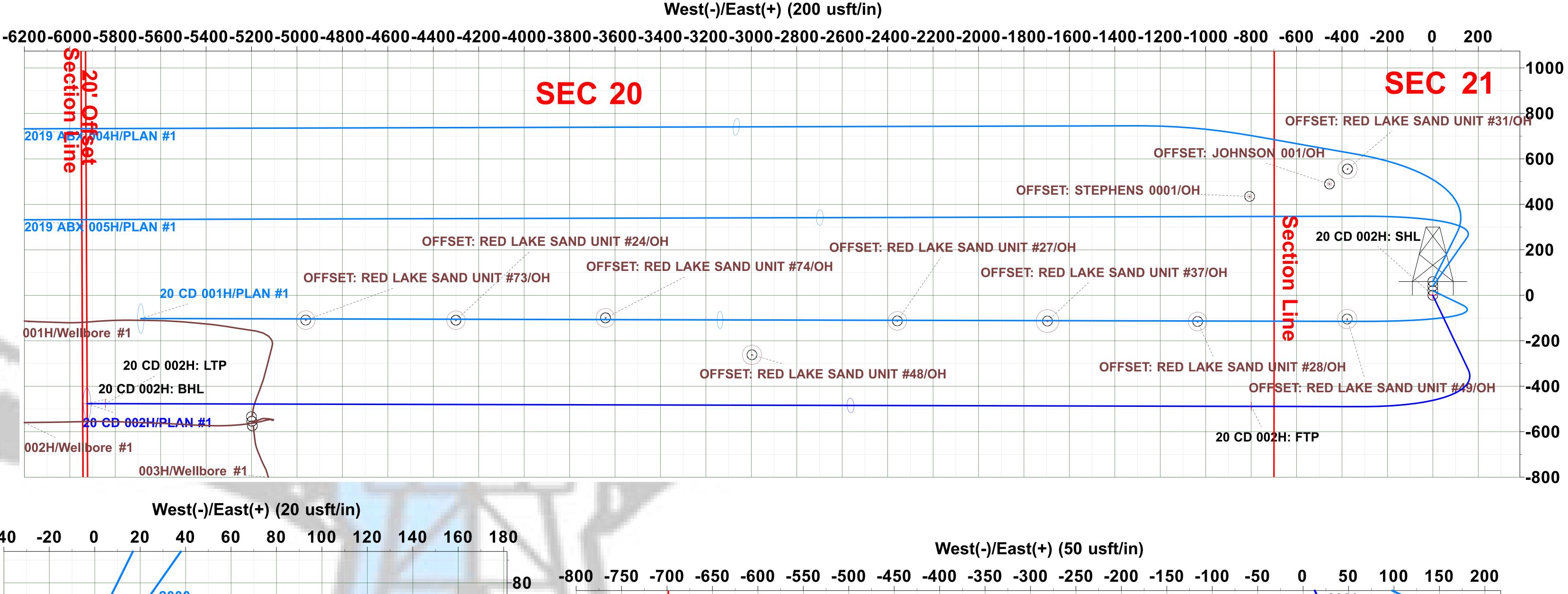
UPPER BLINEBRY

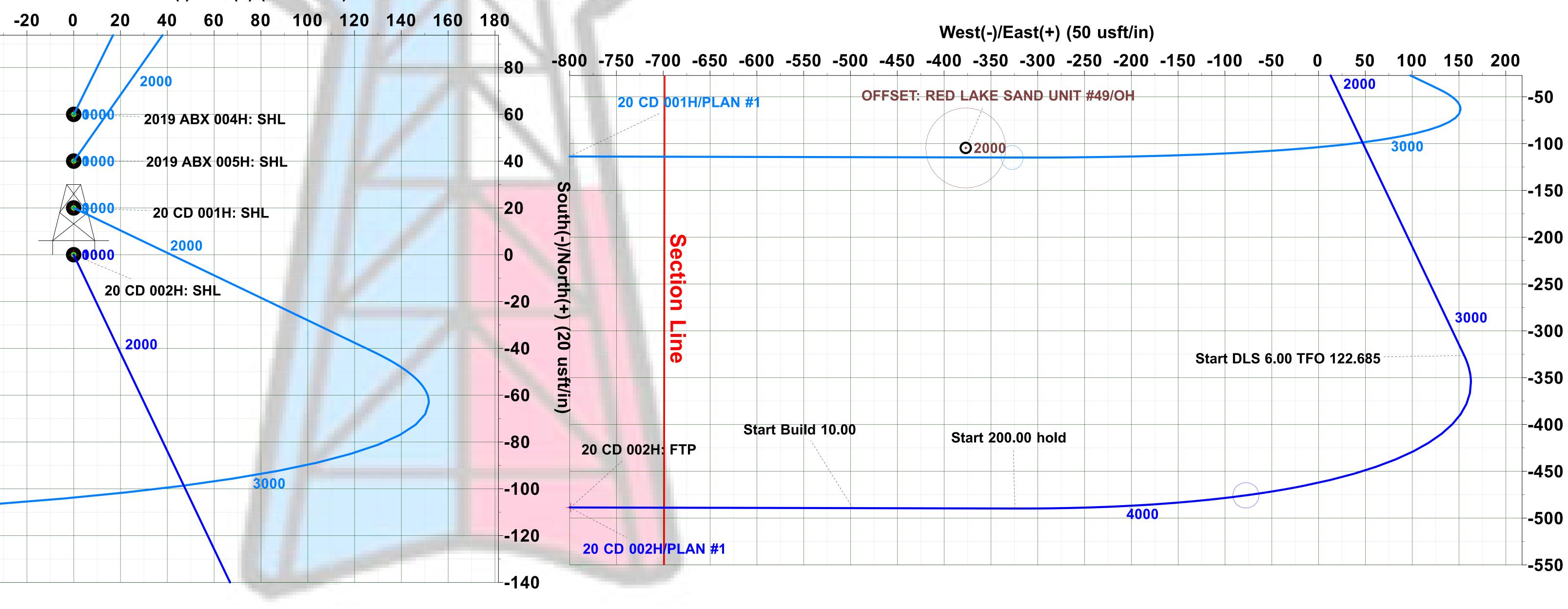
UPPER BLINEBRY TARGET

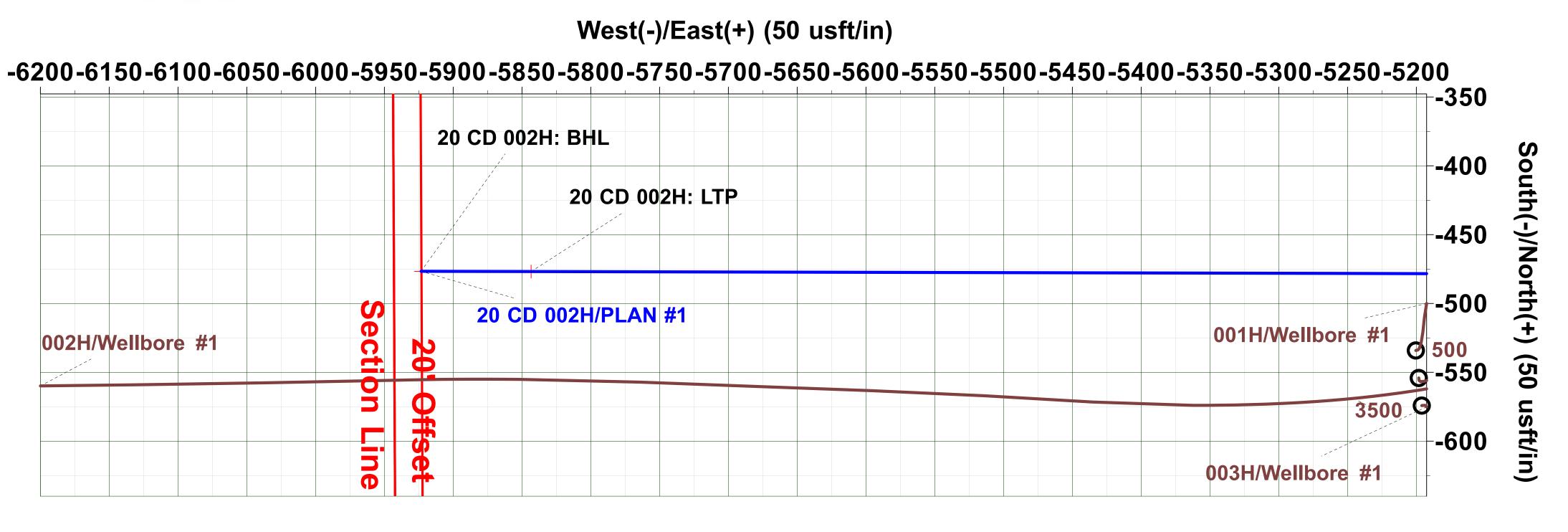
GLORIETA

To convert a Magnetic Direction to a Grid Direction, Add 6.419° Magnetic Declination: 6.498° Grid Convergence: 0.079° West Magnetic Dip Angle: 60.241° Magnetic Field Strength: 47441.85341769nT









Disclaimer: All Plan Details, boundar lines and offset well location/ survey data is provided by customer and subject to customer approval.

Plan: PLAN #1 (20 CD 002H/OH) AKITA 519

Created By: Matthew May Date: 7:37, August 09 2024

Vertical Section at 270.13° (200 usft/in)

Start 200.00 hold at 4320.39 MD

LP at 4835.37 MD

20 CD 002H: FTP

Start Build 10.00



#### Planning Report



Database: WBDS\_SQL\_3
Company: Longfellow Energy
Project: Eddy Co., NM (Nad-83)
Site: SANTANA STATE COM

 Well:
 20 CD 002H

 Wellbore:
 OH

 Design:
 PLAN #1

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well 20 CD 002H

RKB = 20.3' @ 3664.90usft (AKITA 519) RKB = 20.3' @ 3664.90usft (AKITA 519)

Grid

Minimum Curvature

Map System: US State Plane 1983
Geo Datum: North American Datum 1983
Map Zone: New Mexico Eastern Zone

System Datum:

Mean Sea Level

Site SANTANA STATE COM

 Site Position:
 Northing:
 661,611.49 usft
 Latitude:
 32.818714

 From:
 Lat/Long
 Easting:
 585,926.76 usft
 Longitude:
 -104.188187

 Position Uncertainty:
 0.00 usft
 Slot Radius:
 13.200 in

Well 20 CD 002H

**Well Position** 0.00 usft 661.716.02 usft 32.819000 +N/-S Northing: Latitude: 586,303.52 usfl -104.186960 0.00 usft +E/-W Easting: Longitude: **Position Uncertainty** 0.00 usft Wellhead Elevation: usf Ground Level: 3,644.60 usft

**Grid Convergence:** 0.079 °

Wellbore OH

 Magnetics
 Model Name
 Sample Date (°)
 Declination (°)
 Dip Angle (nT)
 Field Strength (nT)

 IGRF2020
 9/15/2024
 6.498
 60.241
 47,441.85341769

Design PLAN #1

**Audit Notes:** 

Version: Phase: **PLAN** Tie On Depth: 0.00 **Vertical Section:** Depth From (TVD) +N/-S +E/-W Direction (usft) (usft) (usft) (°) 270.13 0.00 0.00 0.00

Plan Survey Tool Program Date 8/8/2024

Depth From Depth To

(usft) (usft) Survey (Wellbore) Tool Name Remarks

1 0.00 9,961.62 PLAN #1 (OH) MWD+IFR1+SAG+FDIR

OWSG MWD + IFR1 + Sag

**Plan Sections** Measured Vertical Dogleg **Build** Turn Depth Inclination **Azimuth** Depth +N/-S +E/-W Rate Rate Rate **TFO** (°/100ft) (°/100ft) (°/100ft) (usft) (usft) (usft) (usft) (°) (°) (°) Target 0.00 0.00 0.00 0.000 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 0.000 2,321.79 16.44 154.49 2,310.56 -105.65 50.41 2.00 2.00 0.00 154.491 3,185.95 16.44 154.49 3,139.41 -326.32 155.71 0.00 0.00 0.00 0.000 4,320.39 60.00 270.13 4.080.43 -489.70 -324.22 6.00 3.84 10.19 122.685 4,520.39 60.00 4,180.43 -489.30 -497.43 0.00 0.00 0.00 270 13 0.000 -488.59 -798.88 10.00 4,835.37 91.50 270.13 4,257.00 10.00 0.00 0.000 20 CD 002H: FTP 9,961.62 91.50 4,123.00 -476.60 -5,923.36 0.00 0.00 0.00 0.000 20 CD 002H: BHL 270.13





#### **Planning Report**



Database: Company: Project: Site: WBDS\_SQL\_3 Longfellow Energy Eddy Co., NM (Nad-83) SANTANA STATE COM

 Well:
 20 CD 002H

 Wellbore:
 OH

 Design:
 PLAN #1

**Local Co-ordinate Reference:** 

TVD Reference: MD Reference: North Reference:

**Survey Calculation Method:** 

Well 20 CD 002H

RKB = 20.3' @ 3664.90usft (AKITA 519) RKB = 20.3' @ 3664.90usft (AKITA 519)

Grid

Minimum Curvature

ned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00 <b>20 CD 002</b>	0.00 <b>H: SHL - 20 C</b> [	0.00 <b>D 002H: KOP</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00 200.00 300.00 400.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	100.00 200.00 300.00 400.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00
500.00 600.00 700.00 800.00 900.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	500.00 600.00 700.00 800.00 900.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
1,000.00 1,100.00 1,200.00 1,246.10 QUEEN	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	1,000.00 1,100.00 1,200.00 1,246.10	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00
1,300.00 1,400.00 1,500.00 1,600.00 1,670.20	0.00 0.00 0.00 2.00 3.40	0.00 0.00 0.00 154.49 154.49	1,300.00 1,400.00 1,500.00 1,599.98 1,670.10	0.00 0.00 0.00 -1.58 -4.56	0.00 0.00 0.00 0.75 2.18	0.00 0.00 0.00 -0.76 -2.19	0.00 0.00 0.00 2.00 2.00	0.00 0.00 0.00 2.00 2.00	0.00 0.00 0.00 0.00 0.00
<b>GRAYBUR</b> 1,700.00	<b>RG</b> 4.00	154.49	1,699.84	-6.30	3.01	-3.02	2.00	2.00	0.00
1,800.00 1,900.00 1,991.51	6.00 8.00 9.83	154.49 154.49 154.49	1,799.45 1,898.70 1,989.10	-14.16 -25.16 -37.96	6.76 12.01 18.11	-6.79 -12.06 -18.20	2.00 2.00 2.00	2.00 2.00 2.00	0.00 0.00 0.00
SAN AND	RES								
2,000.00 2,100.00	10.00 12.00	154.49 154.49	1,997.47 2,095.62	-39.28 -56.50	18.74 26.96	-18.83 -27.09	2.00 2.00	2.00 2.00	0.00 0.00
2,200.00 2,300.00 2,321.79 2,400.00 2,500.00	14.00 16.00 16.44 16.44 16.44	154.49 154.49 154.49 154.49 154.49	2,193.06 2,289.64 2,310.56 2,385.58 2,481.49	-76.80 -100.16 -105.65 -125.62 -151.16	36.65 47.79 50.41 59.94 72.13	-36.82 -48.02 -50.65 -60.23 -72.47	2.00 2.00 2.00 0.00 0.00	2.00 2.00 2.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
2,600.00 2,700.00 2,800.00 2,900.00 3,000.00	16.44 16.44 16.44 16.44	154.49 154.49 154.49 154.49 154.49	2,577.41 2,673.32 2,769.23 2,865.15 2,961.06	-176.70 -202.23 -227.77 -253.30 -278.84	84.31 96.50 108.68 120.87 133.05	-84.71 -96.96 -109.20 -121.44 -133.68	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
3,100.00 3,185.95 3,200.00 3,250.00 3,300.00	16.44 16.44 16.00 14.71 13.95	154.49 154.49 157.07 167.33 179.07	3,056.98 3,139.41 3,152.91 3,201.13 3,249.58	-304.37 -326.32 -329.90 -342.44 -354.66	145.24 155.71 157.32 161.40 162.89	-145.93 -156.45 -158.07 -162.17 -163.69	0.00 0.00 6.00 6.00 6.00	0.00 0.00 -3.13 -2.57 -1.52	0.00 0.00 18.33 20.52 23.50
3,350.00 3,400.00 3,431.46 <b>GLORIETA</b>	13.80 14.28 14.88	191.59 203.82 210.94	3,298.14 3,346.65 3,377.10	-366.53 -378.02 -385.03	161.79 158.10 154.45	-162.62 -158.95 -155.33	6.00 6.00 6.00	-0.30 0.96 1.91	25.04 24.46 22.61
3,450.00 3,465.57 <b>TOP PADI</b>	15.33 15.76	214.84 217.94	3,395.00 3,410.00	-389.08 -392.44	151.83 149.35	-152.71 -150.24	6.00 6.00	2.43 2.75	21.06 19.91
3,500.00 3,550.00	16.85 18.71	224.20 231.91	3,443.05 3,490.67	-399.71 -409.85	143.00 131.63	-143.91 -132.56	6.00 6.00	3.16 3.74	18.19 15.40

WBDS\_SQL\_3

20 CD 002H

Longfellow Energy

Eddy Co., NM (Nad-83)

SANTANA STATE COM



Database: Company:

Project:

Site:

Well:

#### Planning Report



Local Co-ordinate Reference:

MD Reference: North Reference:

TVD Reference:

**Survey Calculation Method:** 

Well 20 CD 002H

RKB = 20.3' @ 3664.90usft (AKITA 519) RKB = 20.3' @ 3664.90usft (AKITA 519)

Minimum Curvature

Wellbore: OH PLAN #1 Design: **Planned Survey** Measured Vertical Vertical Dogleg Build Turn Depth Depth +N/-S +E/-W Section Rate Rate Rate Inclination Azimuth (usft) (usft) (usft) (°/100ft) (°/100ft) (°/100ft) (usft) (usft) (°) (°) 3.600.00 20.84 238.17 3.537.72 -419.49 117.76 -118.71 6.00 4.25 12.54 3,650.00 23.15 243.29 3,584.08 -428.60 101.42 -102.396.00 4.62 10.22 3,700.00 25.60 247.49 3,629.62 -437.16 82.65 -83.65 6.00 4.90 8.41 3,750.00 28.15 251.00 3,674.22 -445.14 61.52 -62.53 6.00 5.10 7.01 3,715.00 -40.66 3,796.80 30.60 253.78 -452.06 39.64 6.00 5.24 5.95 **BASAL PADDOCK** 3.800.00 30.77 253.96 3.717.76 -452.51 38.07 -39.09 6.00 5.31 5.49 3,850.00 33.45 256.49 3,760.10 -459.2712.37 -13.41 6.00 5.36 5.07 3,900.00 36.18 258.68 3,801.15 -465.39 -15.51 14.45 6.00 5.45 4.39 3,950.00 38.94 260.61 3,840.78 -470.85 -45.49 44.42 6.00 5.52 3.85 5.58 -475.64 6.00 4,000.00 41.73 262.32 3.878.89 -77.4976.41 3.41 263.85 110.34 6.00 5.62 4,050.00 44.54 3,915.38 -479.74-111.433.06 46.53 264.83 -482.21135.30 6.00 5.66 2.81 4,085.16 3,940.00 -136.40 **UPPER BLINEBRY** 265.23 3,950.13 -483.15 -147.20 146.11 6.00 5.67 4,100.00 47.37 2.68 4,150.00 50.22 266.49 3,983.07 -485.86 -184.72183.62 6.00 5.69 2.53 4,200.00 53.08 267.66 4,014.09 -487.85-223.87 222.77 6.00 5.72 2.32 4,250.00 55.95 268.73 4,043.11 -489.13 -264.56 263.45 6.00 5.74 2.16 4,070.06 305.55 4.300.00 58.82 269.74 -489.68-306.676.00 5.76 2.01 4,320.39 60.00 270.13 4,080.43 -489.70-324.22323.11 6.00 5.77 1.93 4,400.00 60.00 270.13 4,120.24 -489.54 -393.16392.05 0.00 0.00 0.00 4,500.00 60.00 270.13 -489.34 -479.77 478.65 0.00 0.00 0.00 4.170.24 4,520.39 60.00 270.13 4,180.43 -489.30 -497.43 496.31 0.00 0.00 0.00 4,550.00 62.96 270.13 4,194.57 -489.23-523.44 522.33 10.00 10.00 0.00 10.00 4,600.00 67.96 270.13 4,215.33 -489.13-568.91 567.80 10.00 0.00 10.00 4,650.00 10.00 72.96 270.13 4,232.05 -489.02 614.90 0.00 -616.01 4,244.59 -488.90 -664.40 10.00 4,700.00 77.96 270.13 663.28 10.00 0.00 10.00 4.750.00 82.96 270.13 4.252.88 -488.79-713.69712.58 10.00 0.00 4,800.00 87.96 270.13 4,256.83 -488.67 -763.52 762.41 10.00 10.00 0.00 4.835.37 91.50 270.13 4,257.00 -488.59 -798.88 797.77 10.00 10.00 0.00 **UPPER BLINEBRY TARGET - 20 CD 002H: FTP** 91.50 -863.49 0.00 270 13 -488 44 862 38 0.00 0.00 4 900 00 4.255.31 5,000.00 91.50 270.13 4,252.70 -488.20 -963.45 962.34 0.00 0.00 0.00 91.50 270.13 4.250.08 -487.97 -1.063.421.062.31 0.00 0.00 0.00 5 100 00 1,162.27 5,200.00 91.50 270.13 4,247.47 -487.74-1,163.38 0.00 0.00 0.00 5,300.00 91.50 270.13 4,244.85 -487.50 -1,263.351,262.24 0.00 0.00 0.00

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WBDS\_SQL\_3

20 CD 002H

PLAN #1

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Longfellow Energy

Eddy Co., NM (Nad-83)

SANTANÁ STATE COM



### LONGFELLOW ENERGY, LP

Database:

Company:

Project:

Wellbore:

Design:

Site:

Well:

#### **Planning Report**

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

**Survey Calculation Method:** 

Well 20 CD 002H

RKB = 20.3' @ 3664.90usft (AKITA 519) RKB = 20.3' @ 3664.90usft (AKITA 519)

Grid

Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
7,100.00	91.50	270.13	4,197.80	-483.29	-3,062.73	3,061.63	0.00	0.00	0.00
7,200.00	91.50	270.13	4,195.19	-483.06	-3,162.70	3,161.59	0.00	0.00	0.00
7,300.00	91.50	270.13	4,192.57	-482.83	-3,262.66	3,261.56	0.00	0.00	0.00
7,400.00	91.50	270.13	4,189.96	-482.59	-3,362.63	3,361.52	0.00	0.00	0.00
7,500.00	91.50	270.13	4,187.35	-482.36	-3,462.59	3,461.49	0.00	0.00	0.00
7,600.00	91.50	270.13	4,184.73	-482.12	-3,562.56	3,561.45	0.00	0.00	0.00
7,700.00	91.50	270.13	4,182.12	-481.89	-3,662.52	3,661.42	0.00	0.00	0.00
7,800.00	91.50	270.13	4,179.50	-481.66	-3,762.49	3,761.39	0.00	0.00	0.00
7,900.00	91.50	270.13	4,176.89	-481.42	-3,862.45	3,861.35	0.00	0.00	0.00
8,000.00	91.50	270.13	4,174.28	-481.19	-3,962.42	3,961.32	0.00	0.00	0.00
8,100.00	91.50	270.13	4,171.66	-480.95	-4,062.39	4,061.28	0.00	0.00	0.00
8,200.00	91.50	270.13	4,169.05	-480.72	-4,162.35	4,161.25	0.00	0.00	0.00
8,300.00	91.50	270.13	4,166.43	-480.49	-4,262.32	4,261.22	0.00	0.00	0.00
8,400.00	91.50	270.13	4,163.82	-480.25	-4,362.28	4,361.18	0.00	0.00	0.00
8,500.00	91.50	270.13	4,161.21	-480.02	-4,462.25	4,461.15	0.00	0.00	0.00
8,600.00	91.50	270.13	4,158.59	-479.78	-4,562.21	4,561.11	0.00	0.00	0.00
8,700.00	91.50	270.13	4,155.98	-479.55	-4,662.18	4,661.08	0.00	0.00	0.00
8,800.00	91.50	270.13	4,153.36	-479.32	-4,762.14	4,761.04	0.00	0.00	0.00
8,900.00	91.50	270.13	4,150.75	-479.08	-4,862.11	4,861.01	0.00	0.00	0.00
9,000.00	91.50	270.13	4,148.14	-478.85	-4,962.08	4,960.98	0.00	0.00	0.00
9,100.00	91.50	270.13	4,145.52	-478.62	-5,062.04	5,060.94	0.00	0.00	0.00
9,200.00	91.50	270.13	4,142.91	-478.38	-5,162.01	5,160.91	0.00	0.00	0.00
9,300.00	91.50	270.13	4,140.29	-478.15	-5,261.97	5,260.87	0.00	0.00	0.00
9,400.00	91.50	270.13	4,137.68	-477.91	-5,361.94	5,360.84	0.00	0.00	0.00
9,500.00	91.50	270.13	4,135.07	-477.68	-5,461.90	5,460.81	0.00	0.00	0.00
9,600.00	91.50	270.13	4,132.45	-477.45	-5,561.87	5,560.77	0.00	0.00	0.00
9,700.00	91.50	270.13	4,129.84	-477.21	-5,661.83	5,660.74	0.00	0.00	0.00
9,800.00	91.50	270.13	4,127.22	-476.98	-5,761.80	5,760.70	0.00	0.00	0.00
9,900.00 9,961.62 <b>20 CD 002</b>	91.50 91.50 2 <b>H: BHL - 20 CI</b>	270.13 270.13 <b>D 002H: LTP</b>	4,124.61 4,123.00	-476.74 -476.60	-5,861.77 -5,923.36	5,860.67 5,922.26	0.00 0.00	0.00 0.00	0.00 0.00



#### **Planning Report**



Database: WBDS\_SQL\_3
Company: Longfellow Energy
Project: Eddy Co., NM (Nad-83)
Site: SANTANA STATE COM

 Well:
 20 CD 002H

 Wellbore:
 OH

 Design:
 PLAN #1

Local Co-ordinate Reference: TVD Reference:

MD Reference: North Reference: Survey Calculation Method: Well 20 CD 002H

RKB = 20.3' @ 3664.90usft (AKITA 519) RKB = 20.3' @ 3664.90usft (AKITA 519)

Grid

Minimum Curvature

Design Targets									
	Angle	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
20 CD 002H: SHL - plan hits target center - Point	0.00	0.00	0.00	0.00	0.00	661,716.02	586,303.52	32.819000	-104.186960
20 CD 002H: KOP - plan hits target center - Point	0.00	0.00	0.00	0.00	0.00	661,716.02	586,303.52	32.819000	-104.186960
20 CD 002H: LTP - plan misses target cer - Point	0.00 nter by	0.00 4123.78usf	0.00 t at 9961.62	-476.77 2usft MD (41	-,	661,239.25 -476.60 N, -5923	580,460.13 .36 E)	32.817710	-104.205984
20 CD 002H: BHL - plan hits target center - Point	0.00	0.00	4,123.00	-476.60	-5,923.36	661,239.42	580,380.16	32.817711	-104.206244
20 CD 002H: FTP - plan hits target center - Point	0.00	0.00	4,257.00	-488.59	-798.88	661,227.43	585,504.64	32.817660	-104.189563

Formations						
	Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
	1,246.10	1,246.10	QUEEN		0.000	
	1,670.20	1,670.10	GRAYBURG		0.000	
	1,991.51	1,989.10	SAN ANDRES		0.000	
	3,431.46	3,377.10	GLORIETA		0.000	
	3,465.57	3,410.00	TOP PADDOCK		0.000	
	3,796.80	3,715.00	BASAL PADDOCK		0.000	
	4,085.16	3,940.00	UPPER BLINEBRY		0.000	
	4,835.37	4,257.00	UPPER BLINEBRY TARGET		0.000	

#### 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 <u>Effective May 25, 2021</u>

I. Operator: Longfellow Energy, LP	<b>OGRID:</b> <u>372210</u>	<b>Date:</b> <u>3-2-25</u>	
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:	ø'		

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
Santana 2019 ABX Fed Com 005H	30-015-	L-21-17S-28E	2456 FSL & 699 FWL	300	400	2500
Santana 2019 ABX fed Com 006H	30-015-	L-21-17S-28E	2436 FSL & 699 FWL	300	400	2500
Santana State Com 20 CD 001H	30-015-	L-21-17S-28E	2416 FSL & 699 FWL	200	275	1650
Santana State Com 20 CD 002H	30-015-	L-21-17S-28E	2396 FSL & 699 FWL	200	275	1650

- IV. Central Delivery Point Name: DCP Midstream, LP (248749) in M-21-17s-28e) [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	Completion	Initial Flow	First Production
		45	Date	Commencement Date	Back Date	Date
Santana Fed Com 2019 ABX 005H	30-015-	7-1-25	7-9-25	8-15-25	10-1-25	10-15-25
Santana Fed Com 2019 ABX 006H	30-015-	7-10-25	7-18-25	8-15-25	10-1-25	10-15-25
Santana State Com 20 CD 001H	30-015-	7-19-25	7-27-25	8-15-25	10-1-25	10-15-25
Santana State Com 20 CD 002H	30-015-	7-28-25	8-6-25	8-15-25	10-1-25	10-15-25

- 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.

	on 2 – Enhanced Plan	S
EFFECTIVE APRIL 1, 2022	FECTIVE APRIL 1, 2022	

			- Enhanced Plan VE APRIL 1, 2022		
Beginning April 1, reporting area mus	, 2022, an operator t complete this section	that is not in complianc	ce with its statewide natural	gas cap	pture requirement for the applicable
Operator certificapture requiremen	es that it is not requat for the applicable	uired to complete this se reporting area.	ection because Operator is in	n comp	liance with its statewide natural gas
IX. Anticipated N	atural Gas Produc	tion:			
V	Vell	API	Anticipated Average Natural Gas Rate MCF/		Anticipated Volume of Natural Gas for the First Year MCF
X. Natural Gas G	athering System (N	(GGS):			
Operator	System	ULSTR of Tie-in	Anticipated Gathering Start Date	Ava	ilable Maximum Daily Capacity of System Segment Tie-in
production operation of the segment or particular transfer of the Segment or particular transfer of the Segment	ons to the existing of ortion of the natural <b>y</b> . The natural gas g	r planned interconnect of gas gathering system(s) athering system   will	of the natural gas gathering s to which the well(s) will be will not have capacity to	system( connec	ated pipeline route(s) connecting the s), and the maximum daily capacity eted.  100% of the anticipated natural gas
production volume	from the well prior	to the date of first produ	action.		
XIII. Line Pressur the natural gas gath well(s).	re. Operator □ doe hering system(s) de	s   does not anticipate scribed above will cont	that its existing well(s) con inue to meet anticipated inc	nected	to the same segment, or portion, of in line pressure caused by the new
☐ Attach Operator	's plan to manage pi	roduction in response to	the increased line pressure.		
Section 2 as provi	ided in Paragraph	serts confidentiality pur (2) of Subsection D of asserted and the basis f	f 19.15.27.9 NMAC, and a	/ISA 19	778 for the information provided in a full description of the specific

#### **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.

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;

If Operator checks this box, Operator will select one of the following:

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

### Section 4 - Notices

- 1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:
- Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become (a) 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
- 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.

S
Signature:
Printed Name: Brian Wood
Title: Consultant
E-mail Address: brian@permitswest.com
Date: 3-2-25
Phone: 505 466-8120
OIL CONSERVATION DIVISION (Only applicable when submitted as a standalone form)
Approved By:
Title:
Approval Date:
Conditions of Approval:



#### **Attachment VI. Separation Equipment:**

Longfellow Energy (LFE) production facilities include separation equipment designed to efficiently separate gas from liquid phases to optimize gas capture based on projected and estimated volumes from the completion project. LFE will utilize flowback separation equipment and production separation equipment designed and built to industry specifications after the completion to optimize gas capture and send gas to sales or flare based on analytical composition. LFE operates facilities that are typically multi-well facilities. Production separation equipment is upgraded or installed before new wells are completed. This equipment is on-site and tied into sales gas lines prior to flowback.

#### **Attachment VII. Operational Practices:**

#### 19.15.27.8 Subsection A: Venting and Flaring of Natural Gas

Longfellow Energy (LFE) understands the requirements of NMAC 19.15.27.8 which states that the venting and flaring of natural gas during drilling, completion, or production operations that constitutes waste as defined in 19.15.2 are prohibited.

#### 19.15.27.8 Subsection B: Venting and flaring during drilling operations

- 1. LFE shall capture or combust natural gas if technically feasible using best industry practices
- 2. A properly-sized flare stack shall be located at a minimum of 100 feet from the nearest surface hole location unless otherwise approved by the division.
- 3. In an emergency or malfunction, LFE may vent natural gas to avoid a risk of an immediate and substantial adverse impact on safety, public health, or the environment. LFE will report natural gas vented or flared during an emergency or malfunction to the NMOCD.

#### 19.15.27.8 Subsection C: Venting and flaring during completion or recompletion operations

- 1. During initial flowback, LFE shall route flowback fluids into a completion or storage tank and, if technically feasible under the applicable well conditions, flare rather than vent and commence operation of a separator as soon as it is technically feasible for a separator to function
- 2. During separation flowback, LFE shall capture and route natural gas from the separation equipment:
  - a. to a gas flowline or collection system, reinject into the well, or use on-site as a fuel source or other purpose that a purchased fuel or raw material would serve; or
  - b. to a flare if routing the natural gas to a gas flowline or collection system, reinjecting it into the well, or using it on-site as a fuel source or other purpose that a purchased fuel or raw material would serve would pose a risk to safe operation or personnel safety.
- 3. If natural gas does not meet gathering pipeline quality specifications, LFE may flare the natural gas for 60 days or until the natural gas meets the pipeline quality specifications, whichever is sooner, provided that:

#### 19.15.27.8 Subsection D: Venting and flaring during production operations

LFE shall 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. LFE does not vent after the well achieves a stabilized rate and pressure;
  - b. for liquids unloading by manual purging, LFE remains present on-site until the end of unloading or posts at the well site the contact information of the personnel conducting the liquids unloading operation and ensures that personnel remains within 30 minutes' drive time of the well being unloaded until the end of unloading, takes all reasonable actions to achieve a stabilized rate and pressure at the earliest practical time and takes reasonable actions to minimize venting to the maximum extent practicable;
  - c. during downhole well maintenance, only when LFE uses a workover rig, swabbing rig, coiled tubing unit or similar specialty equipment and minimizes the venting of natural gas to the extent that it does not pose a risk to safe operations and personnel safety
- 3. during the following activities unless prohibited by applicable state or federal law, rule, or regulation for the emission of hydrocarbons and volatile organic compounds:
  - a. gauging or sampling a storage tank or other low-pressure production vessel;
  - b. loading out liquids from a storage tank or other low-pressure production vessel to a transport vehicle;
  - c. repair and maintenance, including blowing down and depressurizing production equipment to perform repair and maintenance;
  - d. normal operation of a gas-activated pneumatic controller or pump;
  - e. normal operation of a storage tank or other low-pressure production vessel, but not including venting from a thief hatch that is not properly closed or maintained
  - f. normal operations of valves, flanges and connectors that is not the result of inadequate equipment design or maintenance;
  - g. a packer leakage test;
  - h. a production test lasting less than 24 hours unless the division requires or approves a longer test period;
  - i. when natural gas does not meet the gathering pipeline specifications, provided LFE analyzes natural gas samples twice per week to determine whether the specifications have been achieved, routes the natural gas into a gathering pipeline as soon as the pipeline specifications are met and provides the pipeline specifications and natural gas analyses to the division upon request; or
  - j. Commissioning of pipelines, equipment, or facilities only for as long as necessary to purge introduced impurities from the pipeline or equipment.

#### 19.15.27.8 Subsection E: Performance Standards

- 1. LFE designed completion and production separation equipment and storage tanks for maximum anticipated throughput and pressure to minimize waste.
- 2. LFE permanent storage tanks associated with production operations that is routed to a flare or control device are equipped with automatic gauging system that reduces the venting of natural gas.
- 3. LFE shall combust natural gas in a flare stack that is properly sized and designed to ensure proper combustion efficiency.
  - a. The flare stack shall be equipped with an automatic ignitor or continuous pilot.

- 4. The flare stack shall be securely anchored and located at least 100 feet from the well and storage tanks unless otherwise approved by the division.
- 5. LFE shall conduct an AVO inspection weekly to confirm that all production equipment is operating properly and there are no leaks or releases except as allowed in Subsection D of 19.15.27.8 NMAC.
  - a. During an AVO inspection the LFE shall inspect all components, including flare stacks, thief hatches, closed vent systems, pumps, compressors, pressure relief devices, valves, lines, flanges, connectors, and associated piping to identify defects, leaks, and releases by:
    - i. a comprehensive external visual inspection;
    - ii. listening for pressure and liquid leaks; and
    - iii. smelling for unusual and strong odors.
  - b. LFE shall make and keep a record of an AVO inspection for not less than five years and make such record available for inspection by the division upon request.
- 6. facilities shall be designed to minimize waste;
- 7. LFE has an obligation to minimize waste and shall resolve emergencies as quickly and safely as is feasible.

#### 19.15.27.8 Subsection F: Measurement or estimation of vented and flared natural gas

- 1. LFE shall measure or estimate the volume of natural gas that it vents, flares, or beneficially uses during drilling, completion, and production operations regardless of the reason or authorization for such venting or flaring.
- 2. LFE shall install equipment to measure the volume of natural gas flared from existing process piping or a flowline piped from equipment such as high pressure separators, heater treaters, or vapor recovery units associated with a well or facility associated with a well authorized by the APD

#### **Attachment VIII. Best Management Practices:**

Longfellow Energy (LFE) utilizes the following best management practices to minimize venting during active and planned maintenance

- 1. LFE has a closed vent capture system to route emissions from the heater treater, tanks and vapor to the VRU with a flare for backup. The system is designed such that if the VRU is taken out of service for any reason, the vapors will be routed to the flare for combustion.
- 2. LFE will isolate and attempt to route all vapors to the VRU or flare prior to opening any lines for maintenance to minimize venting from the equipment when technically feasible
- 3. LFE will shut in wells in the event of a takeaway disruption, emergency situations, or other operations where venting or flaring may occur due to equipment failures.
- 4. Lease operators will be visiting the location daily to check and maintain all equipment ensuring all scrubbers, flame arrestors, and the flare ignitor is functioning properly.