

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address BAM Permian Operating, LLC 4416 Briarwood Ave., STE 110 PMB #53 Midland, TX 79707		² OGRID Number 328565	
		³ Reason for Filing Code/ Effective Date NW	
⁴ API Number 30-005-64386	⁵ Pool Name Round Tank; San Andres		⁶ Pool Code 52770
⁷ Property Code 334031	⁸ Property Name Braelynn Federal COM		⁹ Well Number 1H

II. ¹⁰ Surface Location

UL or lot no. O	Section 33	Township 15S	Range 29E	Lot Idn	Feet from the 200	North/South Line South	Feet from the 2330	East/West line East	County Chaves
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¹¹ Bottom Hole Location

UL or lot no. B	Section 33	Township 15S	Range 29E	Lot Idn	Feet from the 31	North/South line North	Feet from the 2050	East/West line East	County Chaves
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 05/09/2024	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
33479	HF Sinclair Marketing & Refining 1602 W. Main St. Artesia, NM 88210	O
221115	Frontier Field Services 10077 Grogans Mill Road, Suite 300 The Woodlands, TX 77380	G

IV. Well Completion Data

²¹ Spud Date 12/19/24	²² Ready Date 02/17/2024	²³ TD 7947’/TVD 3226’	²⁴ PBDT 7804’/TVD 3227’	²⁵ Perforations 3740-7790’	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17.5”		13-3/8”	321’		1180
12-1/4”		9-5/8”	1526’		750
8-3/4”		7” & 5-1/2”	7927’		1750
		3-1/2” (Tubing)	3455’		

V. Well Test Data

³¹ Date New Oil 05/08/2024	³² Gas Delivery Date 05/09/2024	³³ Test Date 05/09/2024	³⁴ Test Length 24 Hours	³⁵ Tbg. Pressure 65	³⁶ Csg. Pressure 60
³⁷ Choke Size	³⁸ Oil 23	³⁹ Water 1568	⁴⁰ Gas 17		⁴¹ Test Method Pumping
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: 			OIL CONSERVATION DIVISION		
Printed name: Blake Morphey			Approved by: <i>PATRICIA MARTINEZ</i>		
Title: Managing Member			Title: <i>PETROLEUM SPECIALIST</i>		
E-mail Address: blake@bampermian.com			Approval Date: <i>7/26/2024</i>		
Date: 05/09/2024		Phone: 432-242-8851			

DISTRICT J
1625 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
DISTRICT II
811 S. First St., Artesia, N.M. 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, N.M. 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, N.M. 87505

AS-DRILLED

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-005-64386	² Pool Code 52770	³ Pool Name Round Tank; San Andres
⁴ Property Code	⁵ Property Name Braelynn Federal Com	⁶ Well Number 1H
⁷ OGRID No. 328565	⁸ Operator Name Bam Permian Operating, LLC	⁹ Elevation 3772

¹⁰ Surface Location

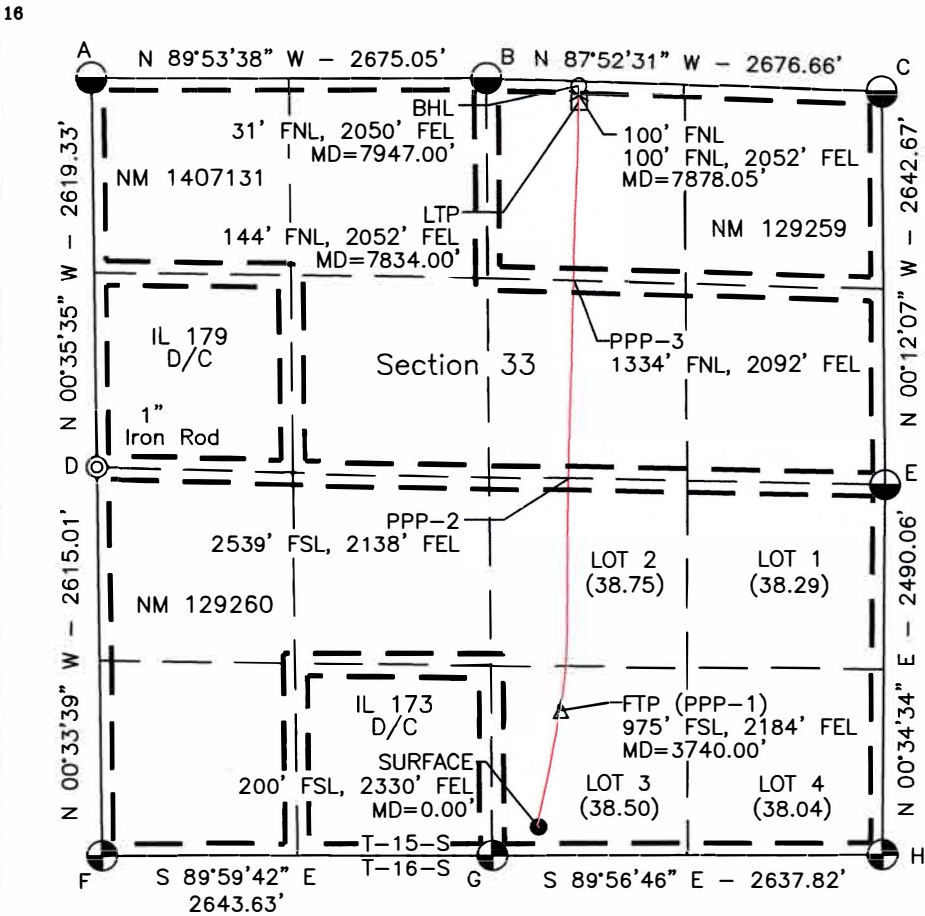
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	33	15 S	29 E	Lot 3	200	South	2330	East	Chaves

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	33	15 S	29 E		31	North	2050	East	Chaves

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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



NOTE:
DOWN HOLE INFORMATION TAKEN FROM REPORT
FURNISHED BY STRYKER DIRECTIONAL
DATED 3/22/24

¹⁷ OPERATOR CERTIFICATION

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

05/11/24

Signature
Blake Morphew
Printed Name
blake@bampermian.com
E-mail Address

¹⁸ SURVEYOR CERTIFICATION

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

3/25/24

Date of Survey
Plat Revised: 4/1/24
Signature and Seal of Professional Surveyor



17078
Certificate Number

SURFACE LOCATION
NAD 83 NMSPC ZONE 3001
Y= 715267.69 N
X= 633608.53 E
LAT.= 32.9659160° N
LONG.= 104.0324773° W

FIRST TAKE POINT (PPP-1)
NAD 83 NMSPC ZONE 3001
Y= 716042.33 N
X= 633762.29 E
LAT.= 32.9680440° N
LONG.= 104.0319687° W

PPP-2
NAD 83 NMSPC ZONE 3001
Y= 717606.37 N
X= 633824.13 E
LAT.= 32.9723423° N
LONG.= 104.0317525° W

PPP-3
NAD 83 NMSPC ZONE 3001
Y= 718940.38 N
X= 633864.94 E
LAT.= 32.9760086° N
LONG.= 104.0316069° W

LAST TAKE POINT
NAD 83 NMSPC ZONE 3001
Y= 720129.85 N
X= 633900.53 E
LAT.= 32.9792776° N
LONG.= 104.0314798° W

100' FNL
NAD 83 NMSPC ZONE 3001
Y= 720173.89 N
X= 633901.10 E
LAT.= 32.9793986° N
LONG.= 104.0314775° W

BOTTOM HOLE LOCATION
NAD 83 NMSPC ZONE 3001
Y= 720242.83 N
X= 633902.05 E
LAT.= 32.9795881° N
LONG.= 104.0314737° W

CORNER COORDINATES TABLE
NAD 83 NMSPC ZONE 3001

A - Y= 720302.04 N, X= 630602.80 E
B - Y= 720297.08 N, X= 633277.85 E
C - Y= 720197.85 N, X= 635952.07 E
D - Y= 717682.85 N, X= 630629.91 E
E - Y= 717555.19 N, X= 635961.99 E
F - Y= 715067.96 N, X= 630655.50 E
G - Y= 715067.73 N, X= 633299.13 E
H - Y= 715065.25 N, X= 635936.95 E

CORNER COORDINATES TABLE
NAD 83 NMSPC ZONE 3001

A - LAT.=32.9797764° N, LONG.=104.0422322° W
B - LAT.=32.9797421° N, LONG.=104.0335088° W
C - LAT.=32.9794481° N, LONG.=104.0247870° W
D - LAT.=32.9725772° N, LONG.=104.0421674° W
E - LAT.=32.9721846° N, LONG.=104.0247819° W
F - LAT.=32.9653899° N, LONG.=104.0421075° W
G - LAT.=32.9653689° N, LONG.=104.0334880° W
H - LAT.=32.9653411° N, LONG.=104.0248874° W

- Legend:
- = Surface Location
 - = Bottom Hole Location
 - △ = First Take Point (FTP/PPP-1)
 - = Last Take Point (LTP)
 - ~ = 100' FNL
 - ⊕ = Found 1916 USGLO Brass Cap
 - ⊙ = Found 1946 USGLO Brass Cap
 - ⊗ = Found Monument

BAM Permian Operating, LLC

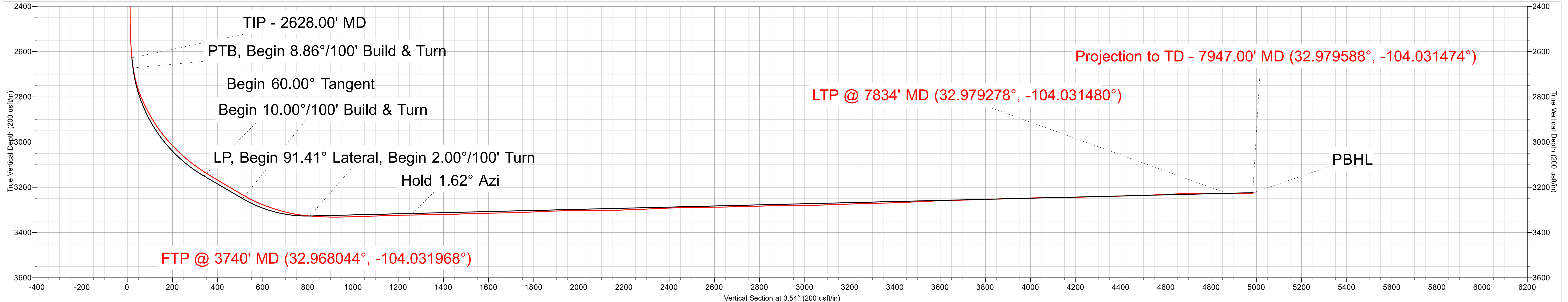
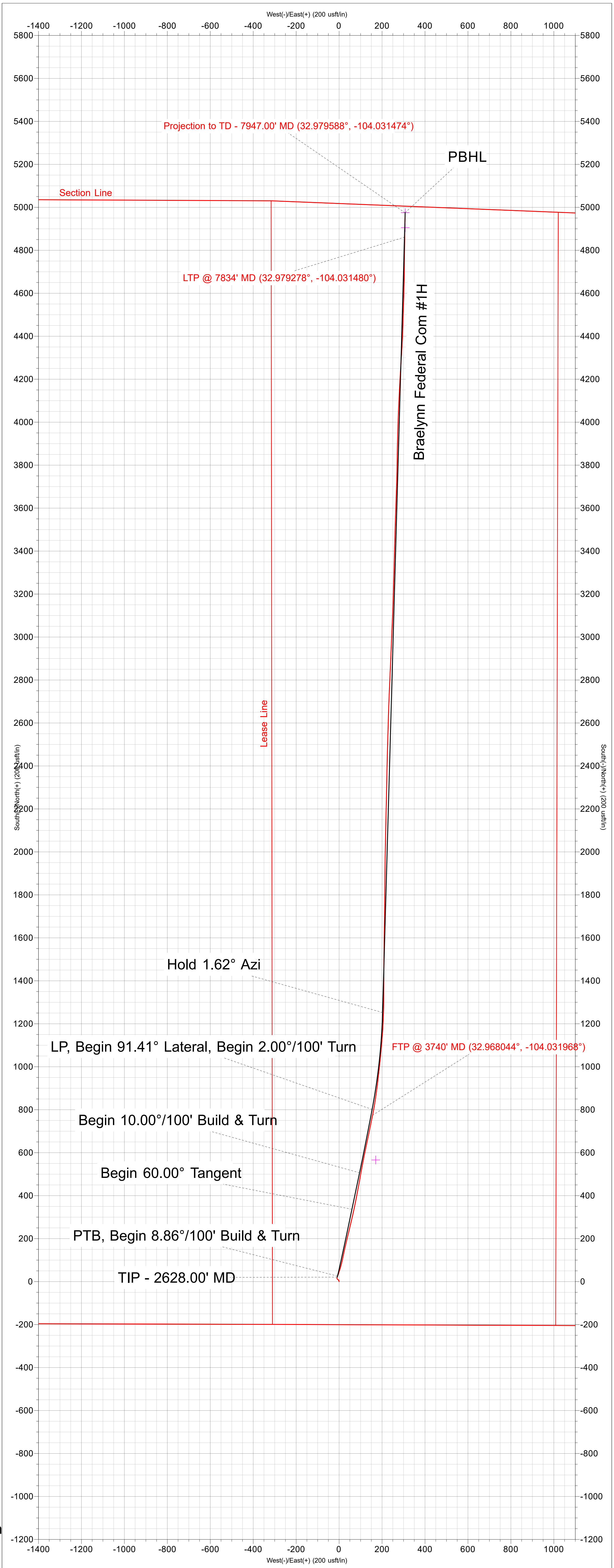
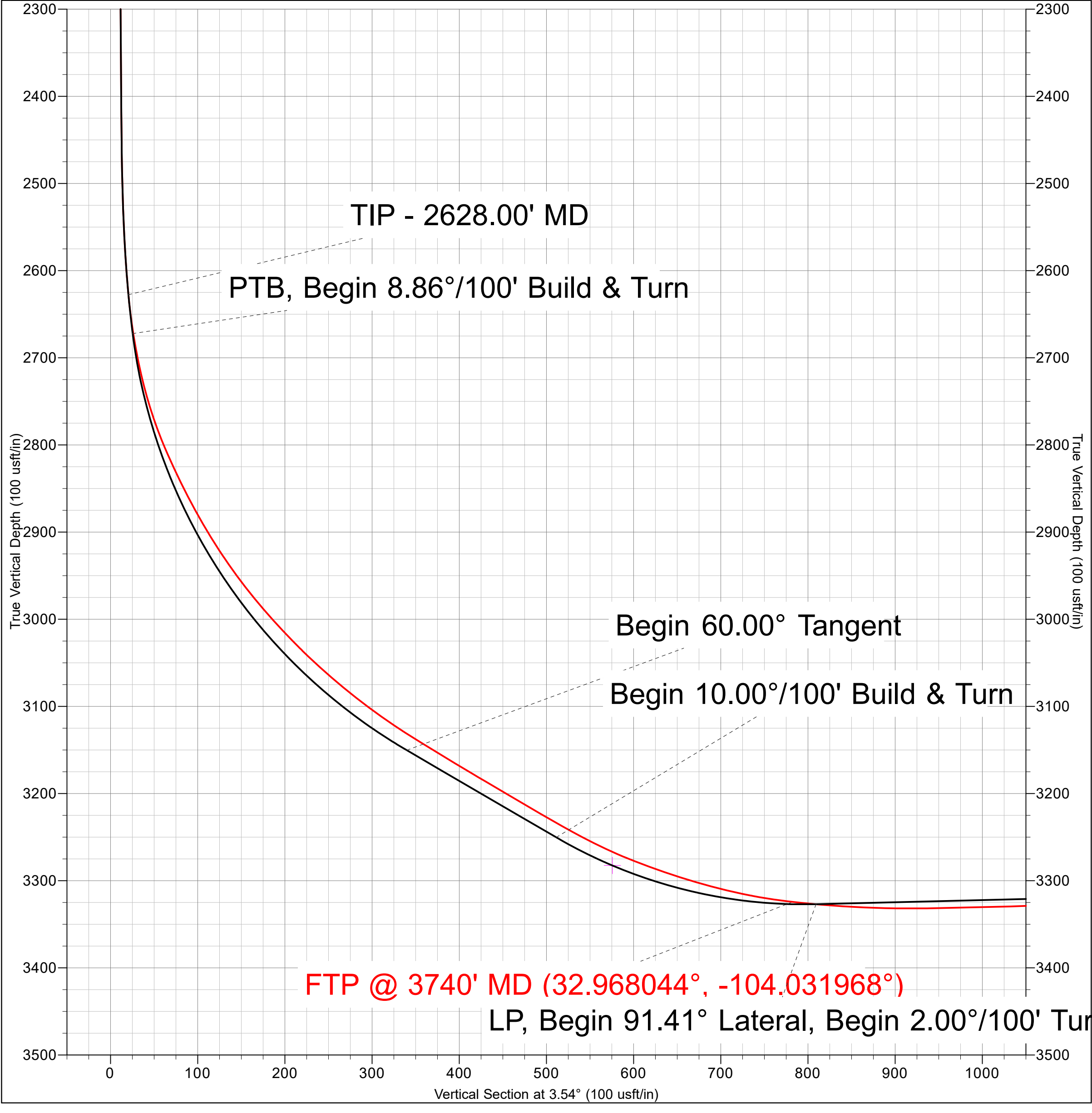
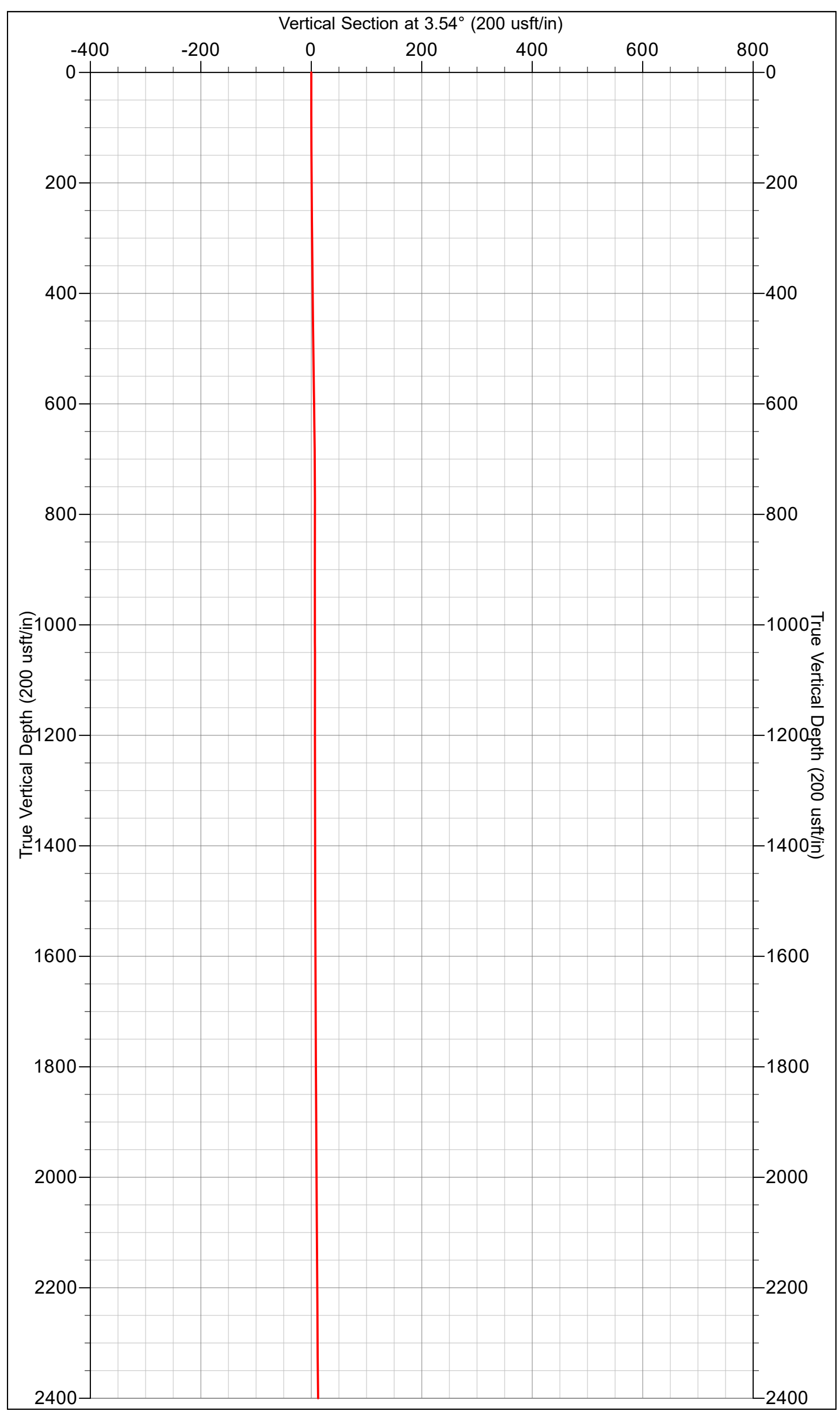
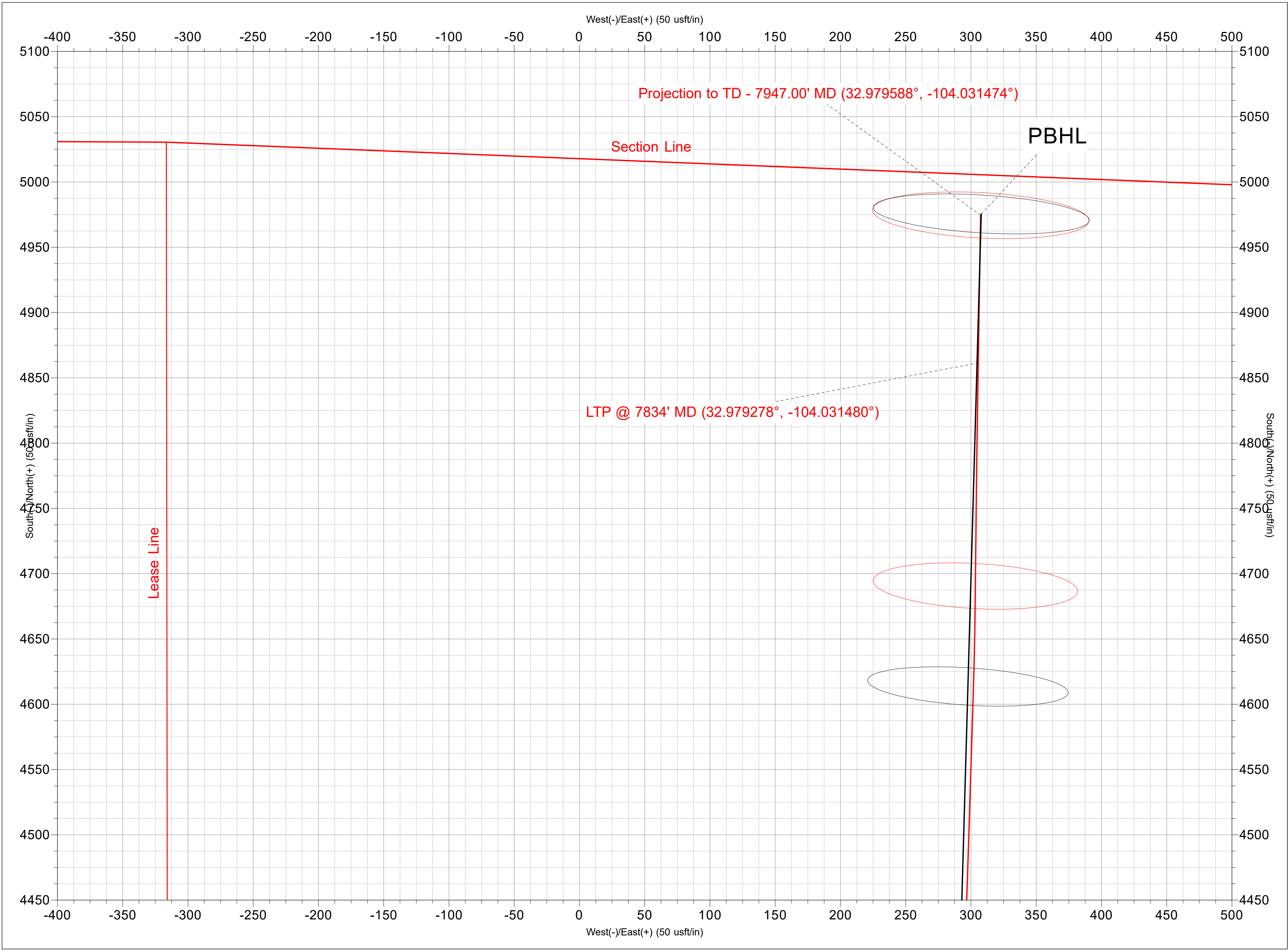
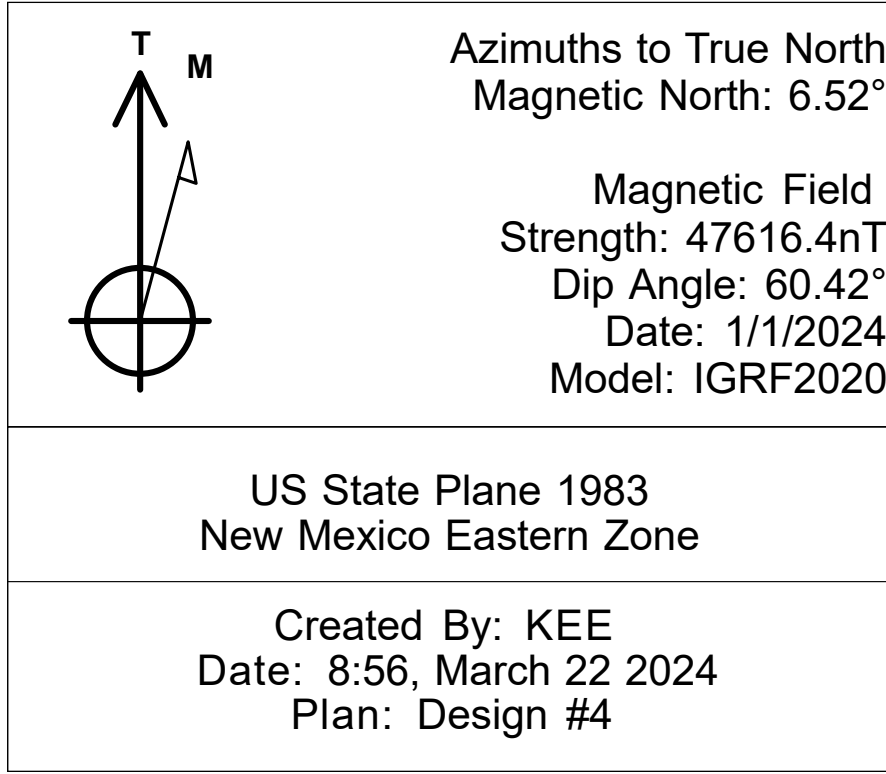
Company: BAM Operating
Site: Braelynn Federal Com
Well: Braelynn Federal Com #1H
Project: Chaves County, NM (NAD83) NMEZ
Rig: UDI 52



ANNOTATIONS

MD	Inc	Azi	TVD	+N-S	+E-W	VSect	Departure	Annotation
2628.00	5.41	15.57	2627.67	21.17	-8.74	20.59	0.00	TIP - 2628.00' MD
2673.00	7.30	15.00	2672.39	25.98	-7.43	25.47	4.98	PTB, Begin 8.86°/100' Build & Turn
3267.92	60.00	11.81	3150.37	336.89	59.89	339.94	323.11	Begin 60.00° Tangent
3467.92	60.00	11.81	3250.37	506.43	95.34	511.35	496.31	Begin 10.00°/100' Build & Turn
3782.20	91.41	10.71	3327.00	801.42	153.86	809.39	797.06	LP, Begin 91.41° Lateral, Begin 2.00°/100' Turn
4236.53	91.41	1.62	3315.79	1252.52	202.59	1262.64	1251.26	Hold 1.62° Azi
7962.06	91.41	1.62	3224.00	4975.42	307.94	4984.94	4975.65	PBHL

Grid North is 0.16° East of True North (Grid Convergence)
To convert a Magnetic Direction to a Grid Direction, Add 6.36°
To convert a Magnetic Direction to a True Direction, Add 6.52° East



BAM Operating

Chaves County, NM (NAD83) NMEZ

Braelynn Federal Com

Braelynn Federal Com #1H

Wellbore #1

Design: Surveys

Standard Survey Report

22 March, 2024



Stryker Directional
Survey Report

Company:	BAM Operating	Local Co-ordinate Reference:	Well Braelynn Federal Com #1H
Project:	Chaves County, NM (NAD83) NMEZ	TVD Reference:	RKB @ 3791.00usft (UDI 52)
Site:	Braelynn Federal Com	MD Reference:	RKB @ 3791.00usft (UDI 52)
Well:	Braelynn Federal Com #1H	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM5000

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

Site	Braelynn Federal Com			
Site Position:		Northing:	715,267.46 usft	Latitude: 32.965915
From:	Lat/Long	Easting:	633,608.78 usft	Longitude: -104.032477
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence: 0.16 °

Well	Braelynn Federal Com #1H			
Well Position	+N/-S	0.00 usft	Northing:	715,267.46 usft
	+E/-W	0.00 usft	Easting:	633,608.78 usft
Position Uncertainty	0.00 usft		Wellhead Elevation:	usft
			Ground Level:	3,773.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	1/1/2024	6.52	60.42	47,616.35548815

Design	Surveys			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	3.54

Survey Program	Date 3/22/2024			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
100.00	220.00	VES Gyro (Wellbore #1)	GYRO-NS	OWSG Gyrocompass Gyro
220.00	7,947.00	Stryker MWD (Wellbore #1)	MWD	OWSG MWD - Standard

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.31	351.65	100.00	0.27	-0.04	0.26	0.31	0.31	0.00
200.00	0.32	350.35	200.00	0.81	-0.13	0.80	0.01	0.01	-1.30
220.00	0.27	345.77	220.00	0.91	-0.15	0.90	0.28	-0.25	-22.90
Final VES Gyro Survey - 220.00' MD - Tie-in to VES Gyro - 220.00' MD									
357.00	0.75	347.54	356.99	2.10	-0.42	2.07	0.35	0.35	1.29
418.00	0.84	329.61	417.99	2.88	-0.73	2.82	0.43	0.15	-29.39
481.00	0.92	329.96	480.98	3.71	-1.22	3.63	0.13	0.13	0.56
575.00	0.84	348.41	574.97	5.04	-1.73	4.92	0.31	-0.09	19.63
671.00	0.62	355.80	670.96	6.25	-1.91	6.12	0.25	-0.23	7.70

Stryker Directional Survey Report



Company:	BAM Operating	Local Co-ordinate Reference:	Well Braelynn Federal Com #1H
Project:	Chaves County, NM (NAD83) NMEZ	TVD Reference:	RKB @ 3791.00usft (UDI 52)
Site:	Braelynn Federal Com	MD Reference:	RKB @ 3791.00usft (UDI 52)
Well:	Braelynn Federal Com #1H	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM5000

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)	
765.00	0.31	83.95	764.96	6.78	-1.70	6.66	0.73	-0.33	93.78	
860.00	0.35	83.07	859.96	6.84	-1.15	6.76	0.04	0.04	-0.93	
955.00	0.13	204.80	954.96	6.78	-0.91	6.71	0.46	-0.23	128.14	
1,050.00	0.31	14.87	1,049.96	6.93	-0.89	6.86	0.46	0.19	179.02	
1,145.00	0.35	243.65	1,144.95	7.05	-1.09	6.97	0.63	0.04	-138.13	
1,239.00	0.09	187.66	1,238.95	6.85	-1.35	6.75	0.33	-0.28	-59.56	
1,334.00	0.53	302.54	1,333.95	7.01	-1.73	6.89	0.60	0.46	120.93	
1,430.00	0.18	6.08	1,429.95	7.40	-2.09	7.26	0.50	-0.36	66.19	
1,565.00	0.48	280.30	1,564.95	7.71	-2.62	7.54	0.37	0.22	-63.54	
1,659.00	0.62	295.77	1,658.94	8.00	-3.47	7.78	0.22	0.15	16.46	
1,755.00	0.57	302.10	1,754.94	8.48	-4.34	8.20	0.09	-0.05	6.59	
1,850.00	0.48	311.59	1,849.94	9.00	-5.04	8.67	0.13	-0.09	9.99	
1,944.00	0.53	319.15	1,943.93	9.59	-5.62	9.22	0.09	0.05	8.04	
2,039.00	0.62	312.12	2,038.93	10.27	-6.29	9.86	0.12	0.09	-7.40	
2,134.00	0.62	313.43	2,133.92	10.96	-7.04	10.51	0.01	0.00	1.38	
2,228.00	0.66	312.73	2,227.92	11.68	-7.81	11.18	0.04	0.04	-0.74	
2,323.00	0.66	301.83	2,322.91	12.34	-8.68	11.78	0.13	0.00	-11.47	
2,418.00	0.70	316.77	2,417.90	13.05	-9.54	12.44	0.19	0.04	15.73	
2,454.00	0.79	332.68	2,453.90	13.43	-9.80	12.80	0.62	0.25	44.19	
2,502.00	1.41	355.80	2,501.89	14.32	-10.00	13.67	1.56	1.29	48.17	
2,549.00	2.59	7.14	2,548.86	15.95	-9.91	15.30	2.64	2.51	24.13	
2,597.00	4.09	13.20	2,596.78	18.69	-9.38	18.07	3.21	3.13	12.63	
2,628.00	5.41	15.57	2,627.67	21.17	-8.74	20.59	4.30	4.26	7.65	
2,723.00	13.71	21.37	2,721.27	36.00	-3.42	35.72	8.78	8.74	6.11	
2,817.00	24.31	16.36	2,810.02	65.02	6.11	65.28	11.40	11.28	-5.33	
2,881.00	28.35	13.38	2,867.38	92.46	13.34	93.10	6.64	6.31	-4.66	
2,928.00	32.04	11.27	2,907.99	115.55	18.36	116.46	8.17	7.85	-4.49	
2,976.00	36.31	12.23	2,947.70	141.94	23.86	143.14	8.97	8.90	2.00	
3,023.00	40.79	13.02	2,984.44	170.51	30.27	172.05	9.59	9.53	1.68	
3,071.00	44.18	13.64	3,019.84	202.05	37.75	203.99	7.12	7.06	1.29	
3,118.00	47.96	13.29	3,052.44	234.96	45.63	237.33	8.06	8.04	-0.74	
3,166.00	51.43	13.29	3,083.48	270.58	54.04	273.40	7.23	7.23	0.00	
3,213.00	55.16	13.38	3,111.57	307.24	62.73	310.53	7.94	7.94	0.19	
3,258.00	58.24	11.88	3,136.27	343.94	70.95	347.66	7.39	6.84	-3.33	
3,308.00	59.16	10.91	3,162.25	385.82	79.39	389.98	2.48	1.84	-1.94	
3,355.00	59.60	10.65	3,186.19	425.55	86.95	430.11	1.05	0.94	-0.55	
3,402.00	59.91	10.30	3,209.86	465.47	94.33	470.41	0.92	0.66	-0.74	
3,449.00	60.09	10.12	3,233.36	505.53	101.55	510.84	0.51	0.38	-0.38	
3,468.00	61.49	10.30	3,242.63	521.85	104.49	527.31	7.41	7.37	0.95	
3,497.00	63.38	10.83	3,256.05	547.13	109.20	552.82	6.72	6.52	1.83	
3,545.00	68.31	11.71	3,275.69	590.06	117.77	596.21	10.41	10.27	1.83	
3,592.00	71.78	11.79	3,291.73	633.31	126.76	639.93	7.38	7.38	0.17	
3,640.00	74.59	11.62	3,305.61	678.30	136.08	685.40	5.86	5.85	-0.35	

Stryker Directional Survey Report



Company:	BAM Operating	Local Co-ordinate Reference:	Well Braelynn Federal Com #1H
Project:	Chaves County, NM (NAD83) NMEZ	TVD Reference:	RKB @ 3791.00usft (UDI 52)
Site:	Braelynn Federal Com	MD Reference:	RKB @ 3791.00usft (UDI 52)
Well:	Braelynn Federal Com #1H	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM5000

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)
3,687.00	78.86	11.53	3,316.40	723.10	145.26	730.69	9.09	9.09	-0.19
3,735.00	83.38	11.79	3,323.81	769.53	154.84	777.63	9.43	9.42	0.54
3,740.00	83.62	11.57	3,324.37	774.40	155.85	782.54	6.46	4.81	-4.34
FTP @ 3740' MD (32.968044°, -104.031968°)									
3,800.00	86.51	8.98	3,329.54	833.21	166.51	841.90	6.46	4.82	-4.32
3,895.00	90.68	6.78	3,331.87	927.25	179.52	936.57	4.96	4.39	-2.32
3,990.00	92.04	5.90	3,329.61	1,021.64	190.01	1,031.43	1.70	1.43	-0.93
4,085.00	92.18	4.94	3,326.11	1,116.15	198.97	1,126.31	1.02	0.15	-1.01
4,180.00	91.30	2.48	3,323.23	1,210.90	205.12	1,221.26	2.75	-0.93	-2.59
4,274.00	90.37	0.46	3,321.86	1,304.86	207.53	1,315.18	2.37	-0.99	-2.15
4,370.00	91.34	0.37	3,320.43	1,400.84	208.22	1,411.03	1.01	1.01	-0.09
4,465.00	92.48	0.37	3,317.26	1,495.79	208.84	1,505.83	1.20	1.20	0.00
4,559.00	90.68	0.89	3,314.67	1,589.74	209.87	1,599.67	1.99	-1.91	0.55
4,654.00	91.52	0.81	3,312.84	1,684.71	211.28	1,694.54	0.89	0.88	-0.08
4,749.00	92.35	0.72	3,309.64	1,779.65	212.55	1,789.38	0.88	0.87	-0.09
4,844.00	92.84	0.28	3,305.34	1,874.55	213.38	1,884.14	0.69	0.52	-0.46
4,939.00	89.76	1.07	3,303.18	1,969.50	214.49	1,978.99	3.35	-3.24	0.83
5,034.00	90.42	1.16	3,303.03	2,064.48	216.34	2,073.90	0.70	0.69	0.09
5,129.00	91.47	1.25	3,301.46	2,159.45	218.34	2,168.81	1.11	1.11	0.09
5,224.00	92.31	1.25	3,298.33	2,254.37	220.41	2,263.68	0.88	0.88	0.00
5,318.00	93.23	0.98	3,293.79	2,348.25	222.24	2,357.49	1.02	0.98	-0.29
5,413.00	91.52	1.60	3,289.85	2,443.14	224.38	2,452.33	1.91	-1.80	0.65
5,509.00	90.11	1.69	3,288.49	2,539.08	227.13	2,548.26	1.47	-1.47	0.09
5,604.00	91.03	1.77	3,287.54	2,634.03	230.00	2,643.21	0.97	0.97	0.08
5,699.00	92.09	2.04	3,284.95	2,728.95	233.16	2,738.14	1.15	1.12	0.28
5,794.00	90.99	3.00	3,282.40	2,823.82	237.33	2,833.08	1.54	-1.16	1.01
5,889.00	90.15	2.13	3,281.46	2,918.72	241.58	2,928.06	1.27	-0.88	-0.92
5,984.00	91.21	2.39	3,280.33	3,013.63	245.33	3,023.03	1.15	1.12	0.27
6,080.00	92.44	2.48	3,277.27	3,109.50	249.41	3,118.96	1.28	1.28	0.09
6,175.00	91.96	1.60	3,273.62	3,204.36	252.78	3,213.86	1.05	-0.51	-0.93
6,270.00	91.08	1.51	3,271.10	3,299.30	255.36	3,308.77	0.93	-0.93	-0.09
6,366.00	91.96	1.60	3,268.56	3,395.23	257.97	3,404.68	0.92	0.92	0.09
6,460.00	93.58	1.60	3,264.02	3,489.08	260.59	3,498.51	1.72	1.72	0.00
6,556.00	91.34	1.95	3,259.90	3,584.94	263.56	3,594.37	2.36	-2.33	0.36
6,651.00	92.09	2.13	3,257.05	3,679.83	266.94	3,689.29	0.81	0.79	0.19
6,745.00	91.30	0.98	3,254.27	3,773.75	269.49	3,783.19	1.48	-0.84	-1.22
6,840.00	92.62	0.98	3,251.02	3,868.68	271.11	3,878.04	1.39	1.39	0.00
6,934.00	90.73	1.69	3,248.28	3,962.61	273.30	3,971.93	2.15	-2.01	0.76
7,029.00	91.91	2.30	3,246.09	4,057.53	276.61	4,066.86	1.40	1.24	0.64
7,124.00	90.20	3.09	3,244.34	4,152.40	281.07	4,161.83	1.98	-1.80	0.83
7,189.00	90.95	3.36	3,243.69	4,217.29	284.73	4,226.83	1.23	1.15	0.42
7,284.00	92.13	3.71	3,241.13	4,312.08	290.58	4,321.79	1.30	1.24	0.37
7,379.00	91.16	2.13	3,238.41	4,406.91	295.42	4,416.74	1.95	-1.02	-1.66
7,473.00	92.09	1.60	3,235.74	4,500.82	298.48	4,510.66	1.14	0.99	-0.56

Stryker Directional
Survey Report

Company:	BAM Operating	Local Co-ordinate Reference:	Well Braelynn Federal Com #1H
Project:	Chaves County, NM (NAD83) NMEZ	TVD Reference:	RKB @ 3791.00usft (UDI 52)
Site:	Braelynn Federal Com	MD Reference:	RKB @ 3791.00usft (UDI 52)
Well:	Braelynn Federal Com #1H	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM5000

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)
7,568.00	93.32	1.95	3,231.26	4,595.67	301.42	4,605.51	1.35	1.29	0.37
7,663.00	91.34	0.46	3,227.39	4,690.56	303.41	4,700.35	2.61	-2.08	-1.57
7,758.00	89.27	0.81	3,226.89	4,785.55	304.47	4,795.22	2.21	-2.18	0.37
7,834.00	90.09	0.90	3,227.32	4,861.54	305.60	4,871.13	1.08	1.07	0.12
LTP @ 7834' MD (32.979278°, -104.031480°)									
7,894.00	90.73	0.98	3,226.89	4,921.53	306.59	4,931.07	1.08	1.07	0.13
7,947.00	90.73	0.98	3,226.21	4,974.52	307.50	4,984.01	0.00	0.00	0.00
Projection to TD - 7947.00' MD (32.979588°, -104.031474°)									

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
220.00	220.00	0.91	-0.15	Final VES Gyro Survey - 220.00' MD
220.00	220.00	0.91	-0.15	Tie-in to VES Gyro - 220.00' MD
3,740.00	3,324.37	774.40	155.85	FTP @ 3740' MD (32.968044°, -104.031968°)
7,834.00	3,227.32	4,861.54	305.60	LTP @ 7834' MD (32.979278°, -104.031480°)
7,947.00	3,226.21	4,974.52	307.50	Projection to TD - 7947.00' MD (32.979588°, -104.031474°)

Checked By: _____

Approved By: _____

Date: _____

Intent ☐ As Drilled ☒

API # 30-005-64386

Operator Name:
BAM Permian Operating, LLCProperty Name:
Braelynn Federal COMWell Number
1H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
O	33	15S	29E	3	200	S	2330	E	Chaves
Latitude 32.965916					Longitude -104.0324773			NAD 83	

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
O	33	15S	29E	3	975	S	2184	E	Chaves
Latitude 32.9680440					Longitude -104.0319687			NAD 83	

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
B	33	15S	29E		144	N	2052	E	Chaves
Latitude 32.9792776					Longitude -104.0314798			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit?

☐

Is this an infill well?

☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name:

Property Name:

Well Number

KZ 06/29/2018

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.	NMNM129260
6. If Indian, Allottee or Tribe Name	

SUBMIT IN TRIPLICATE - Other instructions on page 2		7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well		NMNM106350465
☒ Oil Well ☐ Gas Well ☐ Other		8. Well Name and No.
2. Name of Operator		BRAELYNN FEDERAL COM/1H
BAM PERMIAN OPERATING LLC		9. API Well No.
3a. Address		3000564386
4416 BRIARWOOD AVE SUITE 110 PMB 53, MI	3b. Phone No. (include area code)	10. Field and Pool or Exploratory Area
	(432) 242-8851	ROUND TANK-SAN ANDRES
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		11. Country or Parish, State
SEC 33/T15S/R29E/NMP		CHAVES/NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off	
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity	
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other	
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon		
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

Run CBL from 3516 to Surface, TOC @ Surface. Test casing to 4,500 psi & Perforate 3,740-7,790 w/ 864 holes (0.42 EH). Frac 3,740-7,790 w/ 780 bbl 15% HCl, 22,119 bbl slickwater, 57,140 bbl 25# Linear Gel, 44,486 bbl 25# X-Link, 737,840# 100 mesh, 698,300# 30/50 Regional, 3,608,540# 20/40 Regional & 606,020# 20/40 RCS (Total Proppant- 5,650,700#). RIH w/ 104 jts. 3-1/2 9.3# J-55 EUE, Bull Plug EOT at 3455, Stator at 3426. RIH w/ 1 Co-Rod & Rotor, land pump. Well completed on 2/17/24 and is ready to produce.

Accepted for Record

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)	Permitting Agent	
BRIAN WOOD / Ph: (505) 466-8120	Title	
(Electronic Submission)	Date	04/03/2024
Signature		

THE SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by	Petroleum Engineer	04/04/2024
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Title	Date
	Office	RFO

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: LOT 3 / 200 FSL / 2330 FEL / TWSP: 15S / RANGE: 29E / SECTION: 33 / LAT: 32.9659154 / LONG: -104.0324765 (TVD: 0 feet, MD: 0 feet)

PPP: LOT 3 / 200 FSL / 2330 FEL / TWSP: 15S / RANGE: 29E / SECTION: 33 / LAT: 32.9655915 / LONG: -104.0324765 (TVD: 2450 feet, MD: 2450 feet)

PPP: SWNE / 2640 FNL / 2127 FEL / TWSP: 15S / RANGE: 29E / SECTION: 33 / LAT: 32.9655915 / LONG: -104.0324765 (TVD: 3233 feet, MD: 5339 feet)

BHL: NWNW / 30 FNL / 2050 FEL / TWSP: 15S / RANGE: 29E / SECTION: 33 / LAT: 32.979591 / LONG: -104.0314723 (TVD: 3200 feet, MD: 7972 feet)

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 Revised April 3, 2017				
WELL COMPLETION OR RECOMPLETION REPORT AND LOG						1. WELL API NO. 30-005-64386				
						2. Type of Lease ☐ STATE ☐ FEE ☒ FED/INDIAN				
						3. State Oil & Gas Lease No.				
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)						5. Lease Name or Unit Agreement Name Braelynn Federal COM				
						6. Well Number: 1H				
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator BAM Permian Operating, LLC						9. OGRID 328565				
10. Address of Operator 4416 Briarwood Ave, Suite 110 PMB #53, Midland, TX 79707						11. Pool name or Wildcat Round Tank; San Andres				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	O	33	15S	29E		200	South	2330	East	Chaves
BH:	B	33	15S	29E		31	North	2050	East	Chaves
13. Date Spudded 12/19/2023	14. Date T.D. Reached 12/27/2023		15. Date Rig Released 12/28/2024			16. Date Completed (Ready to Produce) 02/17/2024		17. Elevations (DF and RKB, RT, GR, etc.) 3773' GR		
18. Total Measured Depth of Well 7947'			19. Plug Back Measured Depth 7804'			20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run Gamma Ray		
22. Producing Interval(s), of this completion - Top, Bottom, Name 3740-7790'-Round Tank; San Andres										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13-3/8"		48		321'		17-1/2"		1180 sx		
9-5/8"		36		1526'		12-1/4"		750 sx		
7"		26		3452'		8-3/4"		450 sx		
5-1/2"		20		7927'		8-3/4"		1300 sx		
24. LINER RECORD										25. TUBING RECORD
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
					3-1/2"	3455'				
26. Perforation record (interval, size, and number) 3740-7790', 0.42" ch, 864 holes					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
					3740-7790'		780 bbl 15% HCl			
							123,745 bbl 25# X-Link & Slickwater			
							5,650,700# proppant			
28. PRODUCTION										
Date First Production 05/08/2024		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Shut-in) Producing				
Date of Test 05/09/2024	Hours Tested 24 hours	Choke Size	Prod'n For Test Period	Oil - Bbl 23	Gas - MCF 17	Water - Bbl. 1568	Gas - Oil Ratio 739			
Flow Tubing Press. 60 psi	Casing Pressure 60 psi	Calculated 24-Hour Rate	Oil - Bbl. 23	Gas - MCF 17	Water - Bbl. 1568	Oil Gravity - API - (Corr.) 36				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold							30. Test Witnessed By Blake Morphew			
31. List Attachments										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date: 12/28/2023			
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude Longitude NAD83										
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature 		Printed Name Blake Morphew		Title Manager		Date 06/18/24				
E-mail Address blake@bampermian.com										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	288' MVD	T. Canyon	T. Penn A"
T. Salt	493' MVD	T. Strawn	T. Penn. "B"
B. Salt	841' MVD	T. Atoka	T. Penn. "C"
T. Yates	997' MVD	T. Miss	T. Penn. "D"
T. 7 Rivers		T. Devonian	T. Leadville
T. Queen	1811' MVD	T. Silurian	T. Madison
T. Grayburg	2217' MVD	T. Montoya	T. Elbert
T. San Andres	2584' MVD	T. Simpson	T. McCracken
T. Glorieta		T. McKee	T. Ignacio Otzte
T. Paddock		T. Ellenburger	T. Granite
T. Blinebry		T. Gr. Wash	
T. Tubb		T. Delaware Sand	
T. Drinkard		T. Bone Springs	
T. Abo		T.	
T. Wolfcamp		T.	
T. Penn		T.	
T. Cisco (Bough C)		T.	

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

ACKNOWLEDGMENTS

Action 353602

ACKNOWLEDGMENTS

Operator: BAM Permian Operating, LLC 4416 Briarwood Ave Midland, TX 79707	OGRID: 328565
	Action Number: 353602
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 353602

CONDITIONS

Operator: BAM Permian Operating, LLC 4416 Briarwood Ave Midland, TX 79707	OGRID: 328565
	Action Number: 353602
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days of BLM approval.	7/26/2024