

<b>Well Name:</b> GAVILON FED COM	<b>Well Location:</b> T20S / R33E / SEC 33 / SWSW / 32.522694 / -103.674175	<b>County or Parish/State:</b> LEA / NM
<b>Well Number:</b> 504H	<b>Type of Well:</b> OIL WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM057683, NMNM57683	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3002546585	<b>Well Status:</b> Approved Application for Permit to Drill	<b>Operator:</b> ASCENT ENERGY LLC

**Notice of Intent**

**Sundry ID:** 2641907

**Type of Submission:** Notice of Intent

**Type of Action:** Other

**Date Sundry Submitted:** 10/27/2021

**Time Sundry Submitted:** 04:00

**Date proposed operation will begin:** 11/07/2021

**Procedure Description:** Ascent Energy respectfully requests to amend the surface hole location of the Gavilon Fed Com 504H. The current SHL is 155' FSL, 817' FWL. The new requested SHL is 130' FSL, 792' FWL. This requested change is located within the current well pad boundaries and there will be no additional surface disturbance. Please see attached revised C102

**Surface Disturbance**

**Is any additional surface disturbance proposed?:** No

**NOI Attachments**

**Procedure Description**

2018010119\_ASCENT\_GAVILON\_504H\_C\_102\_FINAL\_10\_25\_2021\_signed\_20211027160029.pdf

**Well Name:** GAVILON FED COM

**Well Location:** T20S / R33E / SEC 33 / SWSW / 32.522694 / -103.674175

**County or Parish/State:** LEA / NM

**Well Number:** 504H

**Type of Well:** OIL WELL

**Allottee or Tribe Name:**

**Lease Number:** NMNM057683, NMNM57683

**Unit or CA Name:**

**Unit or CA Number:**

**US Well Number:** 3002546585

**Well Status:** Approved Application for Permit to Drill

**Operator:** ASCENT ENERGY LLC

### Operator Certification

*I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.*

**Operator Electronic Signature:** BEN METZ

**Signed on:** OCT 27, 2021 04:00 PM

**Name:** ASCENT ENERGY LLC

**Title:** Vice President Exploration

**Street Address:** PO BOX 270983

**City:** LITTLETON **State:** CO

**Phone:** (303) 513-8590

**Email address:** BMETZ@ASCENTENERGY.US

### Field Representative

**Representative Name:**

**Street Address:**

**City:** **State:** **Zip:**

**Phone:**

**Email address:**

### BLM Point of Contact

**BLM POC Name:** Cody Layton

**BLM POC Title:** Assistant Field Manager Lands & Minerals

**BLM POC Phone:** 5752345959

**BLM POC Email Address:** clayton@blm.gov

**Disposition:** Approved

**Disposition Date:** 11/05/2021

**Signature:** Cody R. Layton

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 Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025 -46585		<sup>2</sup> Pool Code 30213		<sup>3</sup> Pool Name HAT MESA; BONE SPRING	
<sup>4</sup> Property Code 326516		<sup>5</sup> Property Name GAVILON FED COM			<sup>6</sup> Well Number 504H
<sup>7</sup> OGRID No. 325830		<sup>8</sup> Operator Name ASCENT ENERGY, LLC.			<sup>9</sup> Elevation 3,661'

<sup>10</sup> Surface Location

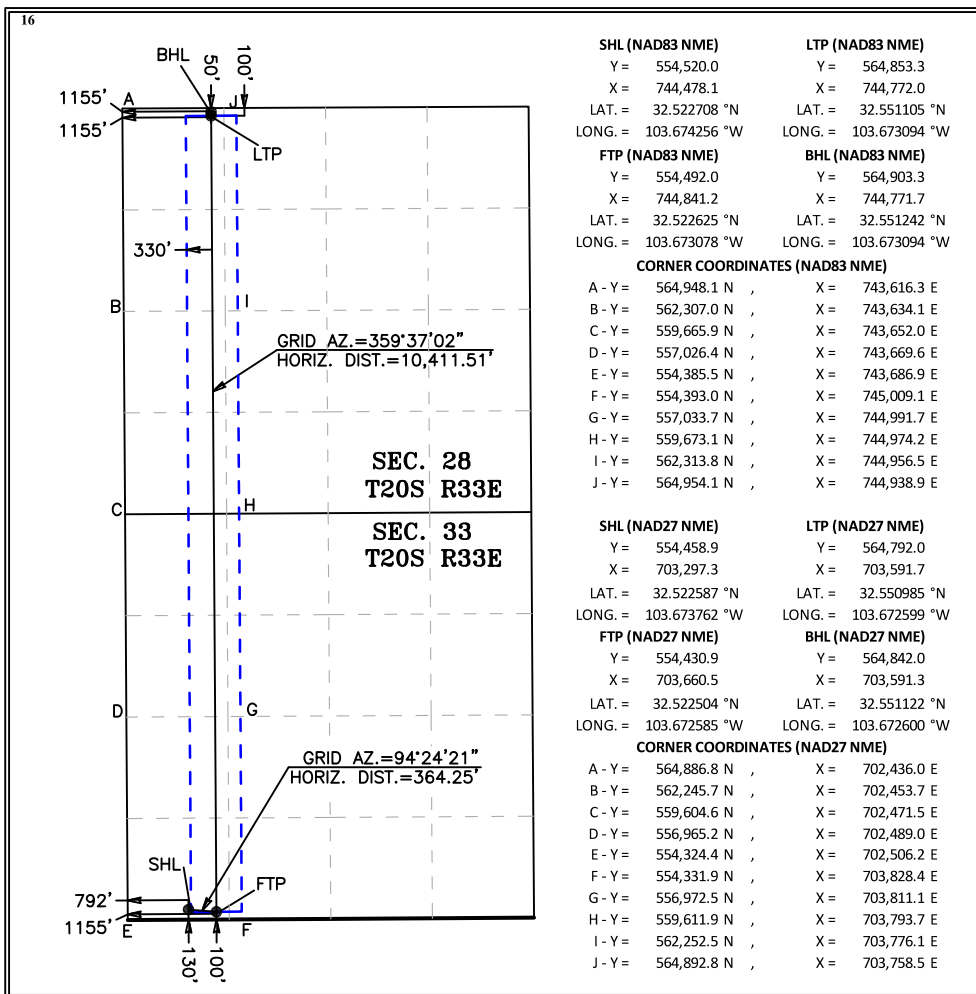
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	33	20 S	33 E		130	SOUTH	792	WEST	LEA

<sup>11</sup> 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
D	28	20 S	33 E		50	NORTH	1,155	WEST	LEA

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.

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



**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.

Signature: *W Ben Metz* Date: 10-27-2021

Printed Name: W Ben Metz

E-mail Address: bmetz@ascentenergy.us

**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.

Date of Survey: 10-25-2021

Signature and Seal of Professional Surveyor: *Mark Dillon Harp*

MARK DILLON HARP 23786  
Certificate Number: RR 2018010119

# **ASCENT ENERGY**

**LEA COUNTY, NEW MEXICO (NAD 83) (GRID)**

**SEC. 33 T20S R33E N.M.P.M. (GRID)**

**GAVILON FED COM 504H**

**ORIGINAL WELLBORE**

**27 October, 2021**

**Plan: PROPOSAL #3**





Project: LEA COUNTY, NEW MEXICO (NAD 83) (GRID)  
 Site: SEC. 33 T20S R33E N.M.P.M. (GRID)  
 Well: GAVILON FED COM 504H  
 Wellbore: ORIGINAL WELLBORE  
 Design: PROPOSAL #3

ANNOTATIONS

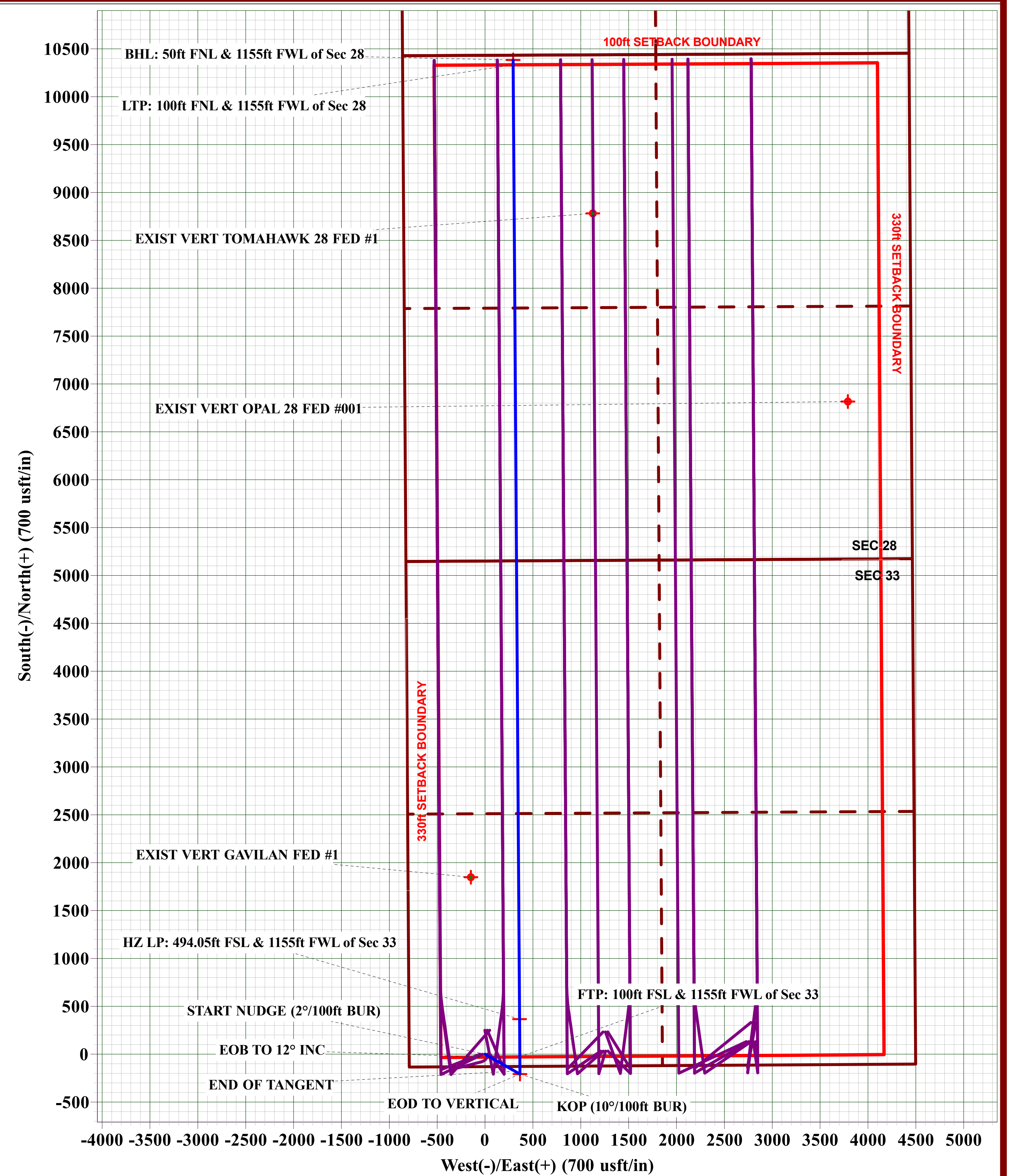
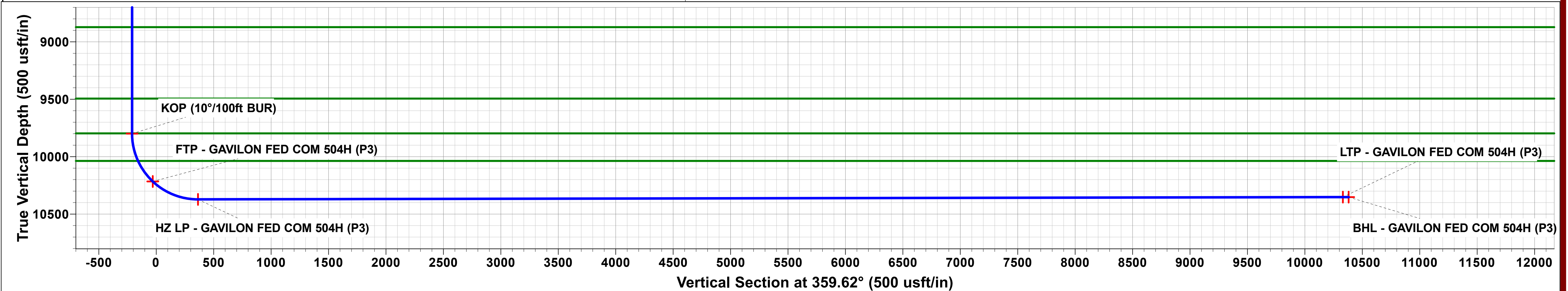
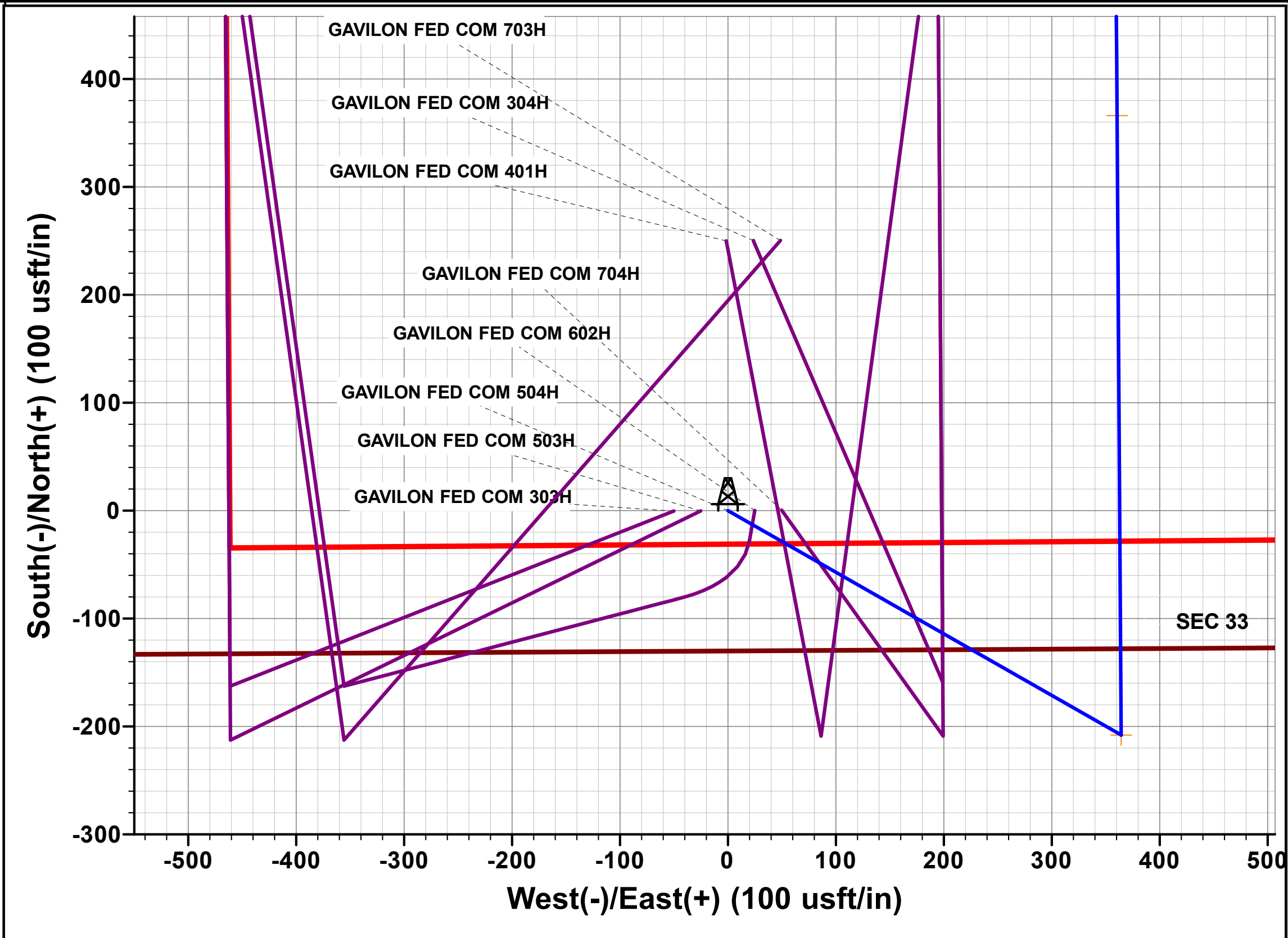
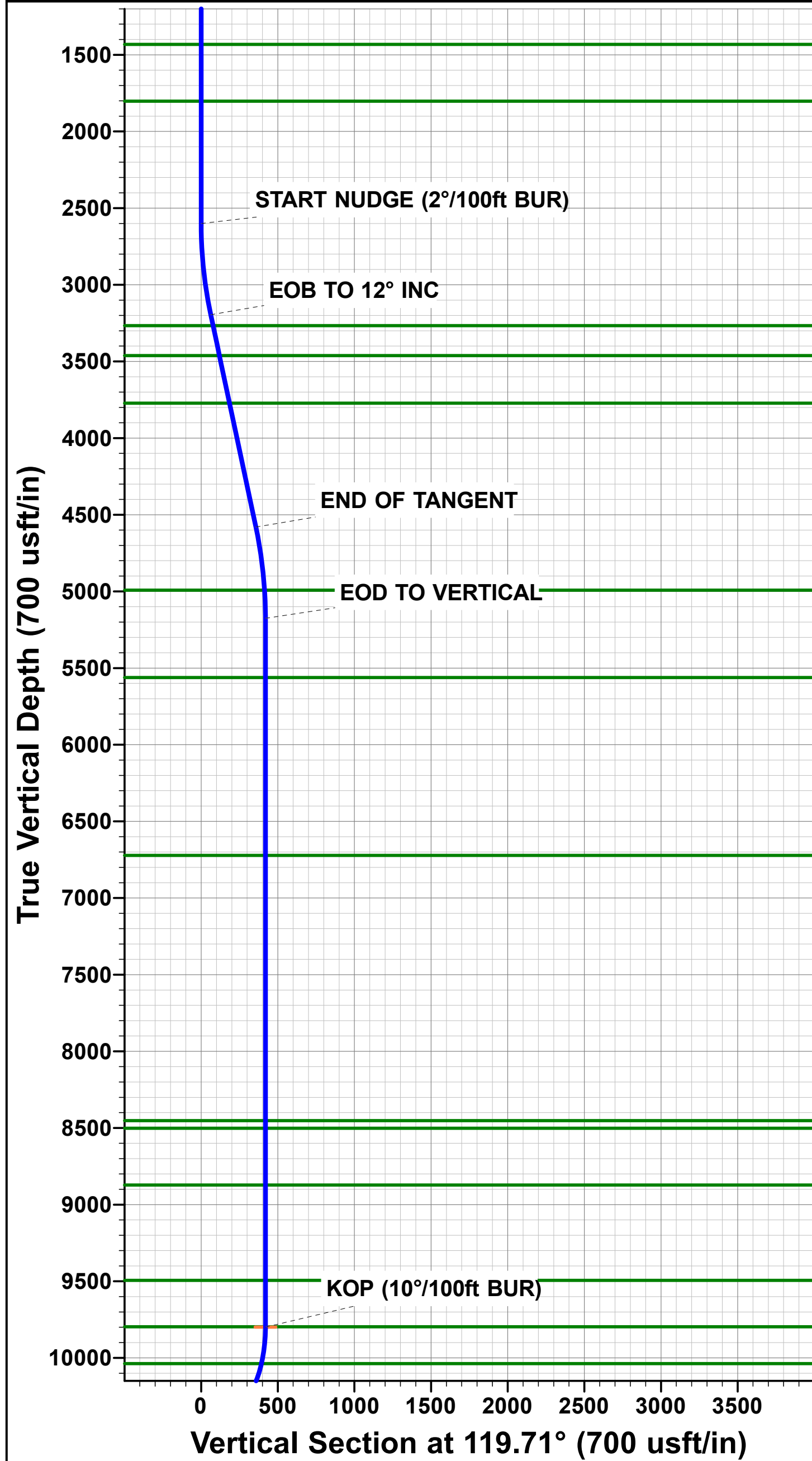
MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL: 130ft FSL & 792ft FWL of Sec 33
2600.00	0.00	0.00	2600.00	0.00	0.00	0.00	0.00	START NUDDGE (2°/100ft BUR)
3200.00	12.00	119.71	3195.62	-31.03	54.37	-31.39	62.60	EOB TO 12° INC
4615.40	12.00	119.71	4580.09	-176.88	309.97	-178.93	356.88	END OF TANGENT
5215.40	0.00	119.71	5175.72	-207.90	364.34	-210.31	419.48	EOD TO VERTICAL
9838.72	0.00	0.00	9799.04	-207.90	364.34	-210.31	419.48	KOP (10°/100ft BUR)
10305.71	46.70	359.62	10216.01	-27.90	363.15	-30.31	599.63	FTP: 100ft FSL & 1155ft FWL of Sec 33
10739.82	90.11	359.62	10372.00	366.14	360.53	363.74	993.54	HZ LP: 494.05ft FSL & 1155ft FWL of Sec 33
20707.58	90.12	359.62	10352.10	10333.66	294.02	10331.48	10961.28	LTP: 100ft FNL & 1155ft FWL of Sec 28
20757.58	90.12	359.62	10352.00	10383.65	293.69	10381.48	11011.28	BHL: 50ft FNL & 1155ft FWL of Sec 28

PROPOSED LOCAL COORDINATES:

SHL: 130ft FSL & 792ft FWL of Sec 33  
 FTP: 100ft FSL & 1155ft FWL of Sec 33  
 HZ LP: 494.05ft FSL & 1155ft FWL of Sec 33  
 LTP: 100ft FNL & 1155ft FWL of Sec 28  
 BHL: 50ft FNL & 1155ft FWL of Sec 28

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude
KOP - GAVILON FED COM 504H (P3)	9799.04	-207.90	364.34	32.522130	-103.673078
FTP - GAVILON FED COM 504H (P3)	10216.01	-27.90	363.15	32.522625	-103.673078
BHL - GAVILON FED COM 504H (P3)	10352.00	10383.65	293.69	32.551242	-103.673094
LTP - GAVILON FED COM 504H (P3)	10352.10	10333.66	294.02	32.551105	-103.673094
HZ LP - GAVILON FED COM 504H (P3)	10372.00	366.15	360.53	32.523708	-103.673079



Planning Report



<b>Database:</b>	Database 1	<b>Local Co-ordinate Reference:</b>	Well GAVILON FED COM 504H
<b>Company:</b>	ASCENT ENERGY	<b>TVD Reference:</b>	KB EST 24.5ft @ 3682.00usft
<b>Project:</b>	LEA COUNTY, NEW MEXICO (NAD 83) (GRID)	<b>MD Reference:</b>	KB EST 24.5ft @ 3682.00usft
<b>Site:</b>	SEC. 33 T20S R33E N.M.P.M. (GRID)	<b>North Reference:</b>	Grid
<b>Well:</b>	GAVILON FED COM 504H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ORIGINAL WELLBORE		
<b>Design:</b>	PROPOSAL #3		

<b>Project</b>	LEA COUNTY, NEW MEXICO (NAD 83) (GRID)		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	New Mexico Eastern Zone		Using geodetic scale factor

<b>Site</b>	SEC. 33 T20S R33E N.M.P.M. (GRID)				
<b>Site Position:</b>		<b>Northing:</b>	554,744.90 usft	<b>Latitude:</b>	32.523326
<b>From:</b>	Map	<b>Easting:</b>	744,451.60 usft	<b>Longitude:</b>	-103.674337
<b>Position Uncertainty:</b>	0.00 usft	<b>Slot Radius:</b>	1.10ft	<b>Grid Convergence:</b>	0.35 °

<b>Well</b>	GAVILON FED COM 504H					
<b>Well Position</b>	<b>+N/-S</b>	-224.91 usft	<b>Northing:</b>	554,520.00 usft	<b>Latitude:</b>	32.522708
	<b>+E/-W</b>	26.50 usft	<b>Easting:</b>	744,478.10 usft	<b>Longitude:</b>	-103.674256
<b>Position Uncertainty</b>		0.00 usft	<b>Wellhead Elevation:</b>	usft	<b>Ground Level:</b>	3,657.50 usft

<b>Wellbore</b>	ORIGINAL WELLBORE				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2020	2020-03-19	6.76	60.20	47,787.77840243

<b>Design</b>	PROPOSAL #3				
<b>Audit Notes:</b>					
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.00	
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>	
	0.00	0.00	0.00	359.62	

<b>Plan Sections</b>											
MD (usft)	Inc (°)	Azi (°)	Vertical Depth	SS (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	-3,682.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,600.00	0.00	0.00	2,600.00	-1,082.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,200.00	12.00	119.71	3,195.62	-486.38	-31.03	54.37	2.00	2.00	0.00	119.71	
4,615.40	12.00	119.71	4,580.10	898.10	-176.88	309.97	0.00	0.00	0.00	0.00	
5,215.40	0.00	0.00	5,175.72	1,493.72	-207.90	364.34	2.00	-2.00	0.00	180.00	
9,838.72	0.00	0.00	9,799.04	6,117.04	-207.90	364.34	0.00	0.00	0.00	0.00	KOP - GAVILON FE
10,739.82	90.11	359.62	10,372.00	6,690.00	366.14	360.53	10.00	10.00	0.00	359.62	
20,757.58	90.12	359.62	10,352.00	6,670.00	10,383.65	293.69	0.00	0.00	0.00	-28.00	BHL - GAVILON FE

Planning Report



<b>Database:</b>	Database 1	<b>Local Co-ordinate Reference:</b>	Well GAVILON FED COM 504H
<b>Company:</b>	ASCENT ENERGY	<b>TVD Reference:</b>	KB EST 24.5ft @ 3682.00usft
<b>Project:</b>	LEA COUNTY, NEW MEXICO (NAD 83) (GRID)	<b>MD Reference:</b>	KB EST 24.5ft @ 3682.00usft
<b>Site:</b>	SEC. 33 T20S R33E N.M.P.M. (GRID)	<b>North Reference:</b>	Grid
<b>Well:</b>	GAVILON FED COM 504H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ORIGINAL WELLBORE		
<b>Design:</b>	PROPOSAL #3		

Planned Survey										
MD (usft)	Inc (°)	Azi (°)	TVD (usft)	SS (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
<b>SHL: 130ft FSL &amp; 792ft FWL of Sec 33</b>										
0.00	0.00	0.00	0.00	3,682.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	3,582.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	3,482.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	3,382.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	3,282.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	3,182.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	3,082.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	2,982.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	2,882.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	2,782.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	2,682.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	2,582.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	2,482.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	2,382.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	2,282.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>RSTLR</b>										
1,432.00	0.00	0.00	1,432.00	2,250.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	2,182.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	2,082.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	1,982.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	1,882.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>SALDO</b>										
1,802.00	0.00	0.00	1,802.00	1,880.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	1,782.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	1,682.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	1,582.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	1,482.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	1,382.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	1,282.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	1,182.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>START NUDGE (2°/100ft BUR)</b>										
2,600.00	0.00	0.00	2,600.00	1,082.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	2.00	119.71	2,699.98	982.02	-0.86	1.52	-0.87	2.00	2.00	0.00
2,800.00	4.00	119.71	2,799.84	882.16	-3.46	6.06	-3.50	2.00	2.00	0.00
2,900.00	6.00	119.71	2,899.45	782.55	-7.78	13.63	-7.87	2.00	2.00	0.00
3,000.00	8.00	119.71	2,998.70	683.30	-13.82	24.21	-13.98	2.00	2.00	0.00
3,100.00	10.00	119.71	3,097.47	584.53	-21.57	37.80	-21.82	2.00	2.00	0.00
<b>EOB TO 12° INC</b>										
3,200.00	12.00	119.71	3,195.62	486.38	-31.03	54.37	-31.39	2.00	2.00	0.00
<b>TANSIL</b>										
3,272.97	12.00	119.71	3,267.00	415.00	-38.55	67.55	-38.99	0.00	0.00	0.00
3,300.00	12.00	119.71	3,293.44	388.56	-41.33	72.43	-41.81	0.00	0.00	0.00
3,400.00	12.00	119.71	3,391.25	290.75	-51.64	90.49	-52.23	0.00	0.00	0.00
<b>YATES</b>										
3,472.33	12.00	119.71	3,462.00	220.00	-59.09	103.55	-59.77	0.00	0.00	0.00
3,500.00	12.00	119.71	3,489.07	192.93	-61.94	108.55	-62.66	0.00	0.00	0.00
3,600.00	12.00	119.71	3,586.88	95.12	-72.24	126.61	-73.08	0.00	0.00	0.00
3,700.00	12.00	119.71	3,684.70	-2.70	-82.55	144.66	-83.51	0.00	0.00	0.00
<b>CAPITAN_REEF_TOP</b>										
3,789.25	12.00	119.71	3,772.00	-90.00	-91.75	160.78	-92.81	0.00	0.00	0.00
3,800.00	12.00	119.71	3,782.51	-100.51	-92.85	162.72	-93.93	0.00	0.00	0.00

Planning Report



<b>Database:</b>	Database 1	<b>Local Co-ordinate Reference:</b>	Well GAVILON FED COM 504H
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<b>Well:</b>	GAVILON FED COM 504H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ORIGINAL WELLBORE		
<b>Design:</b>	PROPOSAL #3		

Planned Survey										
MD (usft)	Inc (°)	Azi (°)	TVD (usft)	SS (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
3,900.00	12.00	119.71	3,880.33	-198.33	-103.16	180.78	-104.35	0.00	0.00	0.00
4,000.00	12.00	119.71	3,978.14	-296.14	-113.46	198.84	-114.78	0.00	0.00	0.00
4,100.00	12.00	119.71	4,075.96	-393.96	-123.77	216.90	-125.20	0.00	0.00	0.00
4,200.00	12.00	119.71	4,173.77	-491.77	-134.07	234.95	-135.63	0.00	0.00	0.00
4,300.00	12.00	119.71	4,271.59	-589.59	-144.38	253.01	-146.05	0.00	0.00	0.00
4,400.00	12.00	119.71	4,369.40	-687.40	-154.68	271.07	-156.47	0.00	0.00	0.00
4,500.00	12.00	119.71	4,467.22	-785.22	-164.98	289.13	-166.90	0.00	0.00	0.00
4,600.00	12.00	119.71	4,565.03	-883.03	-175.29	307.19	-177.32	0.00	0.00	0.00
<b>END OF TANGENT</b>										
<b>4,615.40</b>	<b>12.00</b>	<b>119.71</b>	<b>4,580.09</b>	<b>-898.09</b>	<b>-176.88</b>	<b>309.97</b>	<b>-178.93</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
4,700.00	10.31	119.71	4,663.09	-981.09	-184.99	324.18	-187.13	2.00	-2.00	0.00
4,800.00	8.31	119.71	4,761.77	-1,079.77	-193.00	338.23	-195.24	2.00	-2.00	0.00
4,900.00	6.31	119.71	4,860.95	-1,178.95	-199.31	349.27	-201.62	2.00	-2.00	0.00
5,000.00	4.31	119.71	4,960.52	-1,278.52	-203.89	357.31	-206.26	2.00	-2.00	0.00
<b>TOP DELAWARE SAND</b>										
<b>5,031.56</b>	<b>3.68</b>	<b>119.71</b>	<b>4,992.00</b>	<b>-1,310.00</b>	<b>-204.98</b>	<b>359.22</b>	<b>-207.36</b>	<b>2.00</b>	<b>-2.00</b>	<b>0.00</b>
5,100.00	2.31	119.71	5,060.35	-1,378.35	-206.75	362.32	-209.15	2.00	-2.00	0.00
5,200.00	0.31	119.71	5,160.32	-1,478.32	-207.88	364.30	-210.29	2.00	-2.00	0.00
<b>EOD TO VERTICAL</b>										
<b>5,215.40</b>	<b>0.00</b>	<b>119.71</b>	<b>5,175.72</b>	<b>-1,493.72</b>	<b>-207.90</b>	<b>364.34</b>	<b>-210.31</b>	<b>2.00</b>	<b>-2.00</b>	<b>0.00</b>
5,300.00	0.00	0.00	5,260.32	-1,578.32	-207.90	364.34	-210.31	0.00	0.00	0.00
5,400.00	0.00	0.00	5,360.32	-1,678.32	-207.90	364.34	-210.31	0.00	0.00	0.00
5,500.00	0.00	0.00	5,460.32	-1,778.32	-207.90	364.34	-210.31	0.00	0.00	0.00
5,600.00	0.00	0.00	5,560.32	-1,878.32	-207.90	364.34	-210.31	0.00	0.00	0.00
<b>CHERRY CANYON</b>										
<b>5,601.68</b>	<b>0.00</b>	<b>0.00</b>	<b>5,562.00</b>	<b>-1,880.00</b>	<b>-207.90</b>	<b>364.34</b>	<b>-210.31</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
5,700.00	0.00	0.00	5,660.32	-1,978.32	-207.90	364.34	-210.31	0.00	0.00	0.00
5,800.00	0.00	0.00	5,760.32	-2,078.32	-207.90	364.34	-210.31	0.00	0.00	0.00
5,900.00	0.00	0.00	5,860.32	-2,178.32	-207.90	364.34	-210.31	0.00	0.00	0.00
6,000.00	0.00	0.00	5,960.32	-2,278.32	-207.90	364.34	-210.31	0.00	0.00	0.00
6,100.00	0.00	0.00	6,060.32	-2,378.32	-207.90	364.34	-210.31	0.00	0.00	0.00
6,200.00	0.00	0.00	6,160.32	-2,478.32	-207.90	364.34	-210.31	0.00	0.00	0.00
6,300.00	0.00	0.00	6,260.32	-2,578.32	-207.90	364.34	-210.31	0.00	0.00	0.00
6,400.00	0.00	0.00	6,360.32	-2,678.32	-207.90	364.34	-210.31	0.00	0.00	0.00
6,500.00	0.00	0.00	6,460.32	-2,778.32	-207.90	364.34	-210.31	0.00	0.00	0.00
6,600.00	0.00	0.00	6,560.32	-2,878.32	-207.90	364.34	-210.31	0.00	0.00	0.00
6,700.00	0.00	0.00	6,660.32	-2,978.32	-207.90	364.34	-210.31	0.00	0.00	0.00
<b>BRUSHY CANYON</b>										
<b>6,761.68</b>	<b>0.00</b>	<b>0.00</b>	<b>6,722.00</b>	<b>-3,040.00</b>	<b>-207.90</b>	<b>364.34</b>	<b>-210.31</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
6,800.00	0.00	0.00	6,760.32	-3,078.32	-207.90	364.34	-210.31	0.00	0.00	0.00
6,900.00	0.00	0.00	6,860.32	-3,178.32	-207.90	364.34	-210.31	0.00	0.00	0.00
7,000.00	0.00	0.00	6,960.32	-3,278.32	-207.90	364.34	-210.31	0.00	0.00	0.00
7,100.00	0.00	0.00	7,060.32	-3,378.32	-207.90	364.34	-210.31	0.00	0.00	0.00
7,200.00	0.00	0.00	7,160.32	-3,478.32	-207.90	364.34	-210.31	0.00	0.00	0.00
7,300.00	0.00	0.00	7,260.32	-3,578.32	-207.90	364.34	-210.31	0.00	0.00	0.00
7,400.00	0.00	0.00	7,360.32	-3,678.32	-207.90	364.34	-210.31	0.00	0.00	0.00
7,500.00	0.00	0.00	7,460.32	-3,778.32	-207.90	364.34	-210.31	0.00	0.00	0.00
7,600.00	0.00	0.00	7,560.32	-3,878.32	-207.90	364.34	-210.31	0.00	0.00	0.00
7,700.00	0.00	0.00	7,660.32	-3,978.32	-207.90	364.34	-210.31	0.00	0.00	0.00
7,800.00	0.00	0.00	7,760.32	-4,078.32	-207.90	364.34	-210.31	0.00	0.00	0.00
7,900.00	0.00	0.00	7,860.32	-4,178.32	-207.90	364.34	-210.31	0.00	0.00	0.00
8,000.00	0.00	0.00	7,960.32	-4,278.32	-207.90	364.34	-210.31	0.00	0.00	0.00



Planning Report



<b>Database:</b>	Database 1	<b>Local Co-ordinate Reference:</b>	Well GAVILON FED COM 504H
<b>Company:</b>	ASCENT ENERGY	<b>TVD Reference:</b>	KB EST 24.5ft @ 3682.00usft
<b>Project:</b>	LEA COUNTY, NEW MEXICO (NAD 83) (GRID)	<b>MD Reference:</b>	KB EST 24.5ft @ 3682.00usft
<b>Site:</b>	SEC. 33 T20S R33E N.M.P.M. (GRID)	<b>North Reference:</b>	Grid
<b>Well:</b>	GAVILON FED COM 504H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ORIGINAL WELLBORE		
<b>Design:</b>	PROPOSAL #3		

Planned Survey										
MD (usft)	Inc (°)	Azi (°)	TVD (usft)	SS (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,100.00	0.00	0.00	8,060.32	-4,378.32	-207.90	364.34	-210.31	0.00	0.00	0.00
8,200.00	0.00	0.00	8,160.32	-4,478.32	-207.90	364.34	-210.31	0.00	0.00	0.00
8,300.00	0.00	0.00	8,260.32	-4,578.32	-207.90	364.34	-210.31	0.00	0.00	0.00
8,400.00	0.00	0.00	8,360.32	-4,678.32	-207.90	364.34	-210.31	0.00	0.00	0.00
<b>BSPG_LIME</b>										
<b>8,491.68</b>	<b>0.00</b>	<b>0.00</b>	<b>8,452.00</b>	<b>-4,770.00</b>	<b>-207.90</b>	<b>364.34</b>	<b>-210.31</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
8,500.00	0.00	0.00	8,460.32	-4,778.32	-207.90	364.34	-210.31	0.00	0.00	0.00
<b>AVLN</b>										
<b>8,541.68</b>	<b>0.00</b>	<b>0.00</b>	<b>8,502.00</b>	<b>-4,820.00</b>	<b>-207.90</b>	<b>364.34</b>	<b>-210.31</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
8,600.00	0.00	0.00	8,560.32	-4,878.32	-207.90	364.34	-210.31	0.00	0.00	0.00
8,700.00	0.00	0.00	8,660.32	-4,978.32	-207.90	364.34	-210.31	0.00	0.00	0.00
8,800.00	0.00	0.00	8,760.32	-5,078.32	-207.90	364.34	-210.31	0.00	0.00	0.00
8,900.00	0.00	0.00	8,860.32	-5,178.32	-207.90	364.34	-210.31	0.00	0.00	0.00
<b>LEONARD_B</b>										
<b>8,911.68</b>	<b>0.00</b>	<b>0.00</b>	<b>8,872.00</b>	<b>-5,190.00</b>	<b>-207.90</b>	<b>364.34</b>	<b>-210.31</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
9,000.00	0.00	0.00	8,960.32	-5,278.32	-207.90	364.34	-210.31	0.00	0.00	0.00
9,100.00	0.00	0.00	9,060.32	-5,378.32	-207.90	364.34	-210.31	0.00	0.00	0.00
9,200.00	0.00	0.00	9,160.32	-5,478.32	-207.90	364.34	-210.31	0.00	0.00	0.00
9,300.00	0.00	0.00	9,260.32	-5,578.32	-207.90	364.34	-210.31	0.00	0.00	0.00
9,400.00	0.00	0.00	9,360.32	-5,678.32	-207.90	364.34	-210.31	0.00	0.00	0.00
9,500.00	0.00	0.00	9,460.32	-5,778.32	-207.90	364.34	-210.31	0.00	0.00	0.00
<b>1ST_BSPG_SND</b>										
<b>9,533.68</b>	<b>0.00</b>	<b>0.00</b>	<b>9,494.00</b>	<b>-5,812.00</b>	<b>-207.90</b>	<b>364.34</b>	<b>-210.31</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
9,600.00	0.00	0.00	9,560.32	-5,878.32	-207.90	364.34	-210.31	0.00	0.00	0.00
9,700.00	0.00	0.00	9,660.32	-5,978.32	-207.90	364.34	-210.31	0.00	0.00	0.00
9,800.00	0.00	0.00	9,760.32	-6,078.32	-207.90	364.34	-210.31	0.00	0.00	0.00
<b>2ND_BSPG</b>										
<b>9,836.68</b>	<b>0.00</b>	<b>0.00</b>	<b>9,797.00</b>	<b>-6,115.00</b>	<b>-207.90</b>	<b>364.34</b>	<b>-210.31</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>KOP (10°/100ft BUR)</b>										
<b>9,838.72</b>	<b>0.00</b>	<b>0.00</b>	<b>9,799.04</b>	<b>-6,117.04</b>	<b>-207.90</b>	<b>364.34</b>	<b>-210.31</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
9,900.00	6.13	359.62	9,860.20	-6,178.20	-204.63	364.32	-207.04	10.00	10.00	0.00
10,000.00	16.13	359.62	9,958.20	-6,276.20	-185.35	364.19	-187.77	10.00	10.00	0.00
<b>2ND_BSPG_SND</b>										
<b>10,084.12</b>	<b>24.54</b>	<b>359.62</b>	<b>10,037.00</b>	<b>-6,355.00</b>	<b>-156.15</b>	<b>364.00</b>	<b>-158.56</b>	<b>10.00</b>	<b>10.00</b>	<b>0.00</b>
10,100.00	26.13	359.62	10,051.35	-6,369.35	-149.36	363.95	-151.77	10.00	10.00	0.00
10,200.00	36.13	359.62	10,136.85	-6,454.85	-97.73	363.61	-100.14	10.00	10.00	0.00
10,300.00	46.13	359.62	10,212.08	-6,530.08	-32.04	363.17	-34.45	10.00	10.00	0.00
<b>FTP: 100ft FSL &amp; 1155ft FWL of Sec 33</b>										
<b>10,305.71</b>	<b>46.70</b>	<b>359.62</b>	<b>10,216.01</b>	<b>-6,534.01</b>	<b>-27.90</b>	<b>363.15</b>	<b>-30.31</b>	<b>10.00</b>	<b>10.00</b>	<b>0.00</b>
10,400.00	56.13	359.62	10,274.76	-6,592.76	45.71	362.66	43.31	10.00	10.00	0.00
10,500.00	66.13	359.62	10,322.98	-6,640.98	133.17	362.08	130.77	10.00	10.00	0.00
10,600.00	76.13	359.62	10,355.29	-6,673.29	227.67	361.45	225.27	10.00	10.00	0.00
10,700.00	86.13	359.62	10,370.69	-6,688.69	326.35	360.80	323.95	10.00	10.00	0.00
<b>HZ LP: 494.05ft FSL &amp; 1155ft FWL of Sec 33</b>										
<b>10,739.82</b>	<b>90.11</b>	<b>359.62</b>	<b>10,372.00</b>	<b>-6,690.00</b>	<b>366.14</b>	<b>360.53</b>	<b>363.74</b>	<b>10.00</b>	<b>10.00</b>	<b>0.00</b>
10,800.00	90.11	359.62	10,371.88	-6,689.88	426.32	360.13	423.92	0.00	0.00	0.00
10,900.00	90.11	359.62	10,371.69	-6,689.69	526.32	359.47	523.92	0.00	0.00	0.00
11,000.00	90.11	359.62	10,371.50	-6,689.50	626.31	358.81	623.92	0.00	0.00	0.00
11,100.00	90.11	359.62	10,371.30	-6,689.30	726.31	358.14	723.92	0.00	0.00	0.00
11,200.00	90.11	359.62	10,371.11	-6,689.11	826.31	357.48	823.92	0.00	0.00	0.00
11,300.00	90.11	359.62	10,370.92	-6,688.92	926.31	356.82	923.92	0.00	0.00	0.00
11,400.00	90.11	359.62	10,370.73	-6,688.73	1,026.30	356.15	1,023.92	0.00	0.00	0.00

Planning Report



<b>Database:</b>	Database 1	<b>Local Co-ordinate Reference:</b>	Well GAVILON FED COM 504H
<b>Company:</b>	ASCENT ENERGY	<b>TVD Reference:</b>	KB EST 24.5ft @ 3682.00usft
<b>Project:</b>	LEA COUNTY, NEW MEXICO (NAD 83) (GRID)	<b>MD Reference:</b>	KB EST 24.5ft @ 3682.00usft
<b>Site:</b>	SEC. 33 T20S R33E N.M.P.M. (GRID)	<b>North Reference:</b>	Grid
<b>Well:</b>	GAVILON FED COM 504H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ORIGINAL WELLBORE		
<b>Design:</b>	PROPOSAL #3		

Planned Survey										
MD (usft)	Inc (°)	Azi (°)	TVD (usft)	SS (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
11,500.00	90.11	359.62	10,370.53	-6,688.53	1,126.30	355.49	1,123.92	0.00	0.00	0.00
11,600.00	90.11	359.62	10,370.34	-6,688.34	1,226.30	354.82	1,223.92	0.00	0.00	0.00
11,700.00	90.11	359.62	10,370.15	-6,688.15	1,326.30	354.16	1,323.92	0.00	0.00	0.00
11,800.00	90.11	359.62	10,369.95	-6,687.95	1,426.29	353.50	1,423.92	0.00	0.00	0.00
11,900.00	90.11	359.62	10,369.76	-6,687.76	1,526.29	352.83	1,523.92	0.00	0.00	0.00
12,000.00	90.11	359.62	10,369.57	-6,687.57	1,626.29	352.17	1,623.92	0.00	0.00	0.00
12,100.00	90.11	359.62	10,369.37	-6,687.37	1,726.29	351.50	1,723.92	0.00	0.00	0.00
12,200.00	90.11	359.62	10,369.18	-6,687.18	1,826.28	350.84	1,823.92	0.00	0.00	0.00
12,300.00	90.11	359.62	10,368.98	-6,686.98	1,926.28	350.18	1,923.92	0.00	0.00	0.00
12,400.00	90.11	359.62	10,368.79	-6,686.79	2,026.28	349.51	2,023.92	0.00	0.00	0.00
12,500.00	90.11	359.62	10,368.59	-6,686.59	2,126.28	348.85	2,123.92	0.00	0.00	0.00
12,600.00	90.11	359.62	10,368.40	-6,686.40	2,226.27	348.18	2,223.92	0.00	0.00	0.00
12,700.00	90.11	359.62	10,368.20	-6,686.20	2,326.27	347.52	2,323.92	0.00	0.00	0.00
12,800.00	90.11	359.62	10,368.01	-6,686.01	2,426.27	346.85	2,423.92	0.00	0.00	0.00
12,900.00	90.11	359.62	10,367.81	-6,685.81	2,526.27	346.19	2,523.92	0.00	0.00	0.00
13,000.00	90.11	359.62	10,367.62	-6,685.62	2,626.27	345.52	2,623.92	0.00	0.00	0.00
13,100.00	90.11	359.62	10,367.42	-6,685.42	2,726.26	344.86	2,723.92	0.00	0.00	0.00
13,200.00	90.11	359.62	10,367.23	-6,685.23	2,826.26	344.19	2,823.92	0.00	0.00	0.00
13,300.00	90.11	359.62	10,367.03	-6,685.03	2,926.26	343.53	2,923.92	0.00	0.00	0.00
13,400.00	90.11	359.62	10,366.84	-6,684.84	3,026.26	342.86	3,023.91	0.00	0.00	0.00
13,500.00	90.11	359.62	10,366.64	-6,684.64	3,126.25	342.20	3,123.91	0.00	0.00	0.00
13,600.00	90.11	359.62	10,366.44	-6,684.44	3,226.25	341.53	3,223.91	0.00	0.00	0.00
13,700.00	90.11	359.62	10,366.25	-6,684.25	3,326.25	340.86	3,323.91	0.00	0.00	0.00
13,800.00	90.11	359.62	10,366.05	-6,684.05	3,426.25	340.20	3,423.91	0.00	0.00	0.00
13,900.00	90.11	359.62	10,365.85	-6,683.85	3,526.24	339.53	3,523.91	0.00	0.00	0.00
14,000.00	90.11	359.62	10,365.66	-6,683.66	3,626.24	338.87	3,623.91	0.00	0.00	0.00
14,100.00	90.11	359.62	10,365.46	-6,683.46	3,726.24	338.20	3,723.91	0.00	0.00	0.00
14,200.00	90.11	359.62	10,365.26	-6,683.26	3,826.24	337.54	3,823.91	0.00	0.00	0.00
14,300.00	90.11	359.62	10,365.07	-6,683.07	3,926.23	336.87	3,923.91	0.00	0.00	0.00
14,400.00	90.11	359.62	10,364.87	-6,682.87	4,026.23	336.20	4,023.91	0.00	0.00	0.00
14,500.00	90.11	359.62	10,364.67	-6,682.67	4,126.23	335.54	4,123.91	0.00	0.00	0.00
14,600.00	90.11	359.62	10,364.47	-6,682.47	4,226.23	334.87	4,223.91	0.00	0.00	0.00
14,700.00	90.11	359.62	10,364.27	-6,682.27	4,326.22	334.20	4,323.91	0.00	0.00	0.00
14,800.00	90.11	359.62	10,364.08	-6,682.08	4,426.22	333.54	4,423.91	0.00	0.00	0.00
14,900.00	90.11	359.62	10,363.88	-6,681.88	4,526.22	332.87	4,523.91	0.00	0.00	0.00
15,000.00	90.11	359.62	10,363.68	-6,681.68	4,626.22	332.20	4,623.91	0.00	0.00	0.00
15,100.00	90.11	359.62	10,363.48	-6,681.48	4,726.21	331.54	4,723.91	0.00	0.00	0.00
15,200.00	90.11	359.62	10,363.28	-6,681.28	4,826.21	330.87	4,823.91	0.00	0.00	0.00
15,300.00	90.11	359.62	10,363.08	-6,681.08	4,926.21	330.20	4,923.91	0.00	0.00	0.00
15,400.00	90.11	359.62	10,362.88	-6,680.88	5,026.21	329.54	5,023.91	0.00	0.00	0.00
15,500.00	90.11	359.62	10,362.69	-6,680.69	5,126.20	328.87	5,123.91	0.00	0.00	0.00
15,600.00	90.11	359.62	10,362.49	-6,680.49	5,226.20	328.20	5,223.91	0.00	0.00	0.00
15,700.00	90.11	359.62	10,362.29	-6,680.29	5,326.20	327.54	5,323.91	0.00	0.00	0.00
15,800.00	90.11	359.62	10,362.09	-6,680.09	5,426.20	326.87	5,423.91	0.00	0.00	0.00
15,900.00	90.11	359.62	10,361.89	-6,679.89	5,526.20	326.20	5,523.91	0.00	0.00	0.00
16,000.00	90.11	359.62	10,361.69	-6,679.69	5,626.19	325.53	5,623.91	0.00	0.00	0.00
16,100.00	90.11	359.62	10,361.49	-6,679.49	5,726.19	324.87	5,723.91	0.00	0.00	0.00
16,200.00	90.11	359.62	10,361.29	-6,679.29	5,826.19	324.20	5,823.91	0.00	0.00	0.00
16,300.00	90.11	359.62	10,361.09	-6,679.09	5,926.19	323.53	5,923.91	0.00	0.00	0.00
16,400.00	90.11	359.62	10,360.89	-6,678.89	6,026.18	322.86	6,023.91	0.00	0.00	0.00
16,500.00	90.12	359.62	10,360.69	-6,678.69	6,126.18	322.20	6,123.91	0.00	0.00	0.00
16,600.00	90.12	359.62	10,360.48	-6,678.48	6,226.18	321.53	6,223.91	0.00	0.00	0.00
16,700.00	90.12	359.62	10,360.28	-6,678.28	6,326.18	320.86	6,323.91	0.00	0.00	0.00



Planning Report

<b>Database:</b>	Database 1	<b>Local Co-ordinate Reference:</b>	Well GAVILON FED COM 504H
<b>Company:</b>	ASCENT ENERGY	<b>TVD Reference:</b>	KB EST 24.5ft @ 3682.00usft
<b>Project:</b>	LEA COUNTY, NEW MEXICO (NAD 83) (GRID)	<b>MD Reference:</b>	KB EST 24.5ft @ 3682.00usft
<b>Site:</b>	SEC. 33 T20S R33E N.M.P.M. (GRID)	<b>North Reference:</b>	Grid
<b>Well:</b>	GAVILON FED COM 504H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ORIGINAL WELLBORE		
<b>Design:</b>	PROPOSAL #3		

Planned Survey										
MD (usft)	Inc (°)	Azi (°)	TVD (usft)	SS (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
16,800.00	90.12	359.62	10,360.08	-6,678.08	6,426.17	320.19	6,423.91	0.00	0.00	0.00
16,900.00	90.12	359.62	10,359.88	-6,677.88	6,526.17	319.52	6,523.91	0.00	0.00	0.00
17,000.00	90.12	359.62	10,359.68	-6,677.68	6,626.17	318.85	6,623.91	0.00	0.00	0.00
17,100.00	90.12	359.62	10,359.48	-6,677.48	6,726.17	318.19	6,723.91	0.00	0.00	0.00
17,200.00	90.12	359.62	10,359.28	-6,677.28	6,826.16	317.52	6,823.91	0.00	0.00	0.00
17,300.00	90.12	359.62	10,359.07	-6,677.07	6,926.16	316.85	6,923.91	0.00	0.00	0.00
17,400.00	90.12	359.62	10,358.87	-6,676.87	7,026.16	316.18	7,023.91	0.00	0.00	0.00
17,500.00	90.12	359.62	10,358.67	-6,676.67	7,126.16	315.51	7,123.91	0.00	0.00	0.00
17,600.00	90.12	359.62	10,358.47	-6,676.47	7,226.15	314.84	7,223.91	0.00	0.00	0.00
17,700.00	90.12	359.62	10,358.27	-6,676.27	7,326.15	314.17	7,323.91	0.00	0.00	0.00
17,800.00	90.12	359.62	10,358.06	-6,676.06	7,426.15	313.51	7,423.91	0.00	0.00	0.00
17,900.00	90.12	359.62	10,357.86	-6,675.86	7,526.15	312.84	7,523.91	0.00	0.00	0.00
18,000.00	90.12	359.62	10,357.66	-6,675.66	7,626.14	312.17	7,623.91	0.00	0.00	0.00
18,100.00	90.12	359.62	10,357.45	-6,675.45	7,726.14	311.50	7,723.91	0.00	0.00	0.00
18,200.00	90.12	359.62	10,357.25	-6,675.25	7,826.14	310.83	7,823.91	0.00	0.00	0.00
18,300.00	90.12	359.62	10,357.05	-6,675.05	7,926.14	310.16	7,923.91	0.00	0.00	0.00
18,400.00	90.12	359.62	10,356.84	-6,674.84	8,026.13	309.49	8,023.90	0.00	0.00	0.00
18,500.00	90.12	359.62	10,356.64	-6,674.64	8,126.13	308.82	8,123.90	0.00	0.00	0.00
18,600.00	90.12	359.62	10,356.44	-6,674.44	8,226.13	308.15	8,223.90	0.00	0.00	0.00
18,700.00	90.12	359.62	10,356.23	-6,674.23	8,326.13	307.48	8,323.90	0.00	0.00	0.00
18,800.00	90.12	359.62	10,356.03	-6,674.03	8,426.12	306.81	8,423.90	0.00	0.00	0.00
18,900.00	90.12	359.62	10,355.82	-6,673.82	8,526.12	306.14	8,523.90	0.00	0.00	0.00
19,000.00	90.12	359.62	10,355.62	-6,673.62	8,626.12	305.47	8,623.90	0.00	0.00	0.00
19,100.00	90.12	359.62	10,355.41	-6,673.41	8,726.12	304.80	8,723.90	0.00	0.00	0.00
19,200.00	90.12	359.62	10,355.21	-6,673.21	8,826.11	304.13	8,823.90	0.00	0.00	0.00
19,300.00	90.12	359.62	10,355.00	-6,673.00	8,926.11	303.46	8,923.90	0.00	0.00	0.00
19,400.00	90.12	359.62	10,354.80	-6,672.80	9,026.11	302.79	9,023.90	0.00	0.00	0.00
19,500.00	90.12	359.62	10,354.59	-6,672.59	9,126.11	302.12	9,123.90	0.00	0.00	0.00
19,600.00	90.12	359.62	10,354.39	-6,672.39	9,226.10	301.45	9,223.90	0.00	0.00	0.00
19,700.00	90.12	359.62	10,354.18	-6,672.18	9,326.10	300.78	9,323.90	0.00	0.00	0.00
19,800.00	90.12	359.62	10,353.98	-6,671.98	9,426.10	300.11	9,423.90	0.00	0.00	0.00
19,900.00	90.12	359.62	10,353.77	-6,671.77	9,526.10	299.44	9,523.90	0.00	0.00	0.00
20,000.00	90.12	359.62	10,353.57	-6,671.57	9,626.09	298.77	9,623.90	0.00	0.00	0.00
20,100.00	90.12	359.62	10,353.36	-6,671.36	9,726.09	298.10	9,723.90	0.00	0.00	0.00
20,200.00	90.12	359.62	10,353.15	-6,671.15	9,826.09	297.43	9,823.90	0.00	0.00	0.00
20,300.00	90.12	359.62	10,352.95	-6,670.95	9,926.09	296.76	9,923.90	0.00	0.00	0.00
20,400.00	90.12	359.62	10,352.74	-6,670.74	10,026.08	296.09	10,023.90	0.00	0.00	0.00
20,500.00	90.12	359.62	10,352.53	-6,670.53	10,126.08	295.41	10,123.90	0.00	0.00	0.00
20,600.00	90.12	359.62	10,352.33	-6,670.33	10,226.08	294.74	10,223.90	0.00	0.00	0.00
20,700.00	90.12	359.62	10,352.12	-6,670.12	10,326.08	294.07	10,323.90	0.00	0.00	0.00
<b>LTP: 100ft FNL &amp; 1155ft FWL of Sec 28</b>										
<b>20,707.58</b>	<b>90.12</b>	<b>359.62</b>	<b>10,352.10</b>	<b>-6,670.10</b>	<b>10,333.66</b>	<b>294.02</b>	<b>10,331.48</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>BHL: 50ft FNL &amp; 1155ft FWL of Sec 28</b>										
<b>20,757.58</b>	<b>90.12</b>	<b>359.62</b>	<b>10,352.00</b>	<b>-6,670.00</b>	<b>10,383.65</b>	<b>293.69</b>	<b>10,381.48</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>



Planning Report

<b>Database:</b>	Database 1	<b>Local Co-ordinate Reference:</b>	Well GAVILON FED COM 504H
<b>Company:</b>	ASCENT ENERGY	<b>TVD Reference:</b>	KB EST 24.5ft @ 3682.00usft
<b>Project:</b>	LEA COUNTY, NEW MEXICO (NAD 83) (GRID)	<b>MD Reference:</b>	KB EST 24.5ft @ 3682.00usft
<b>Site:</b>	SEC. 33 T20S R33E N.M.P.M. (GRID)	<b>North Reference:</b>	Grid
<b>Well:</b>	GAVILON FED COM 504H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ORIGINAL WELLBORE		
<b>Design:</b>	PROPOSAL #3		

Formations						
MD (usft)	TVD (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
1,432.00	1,432.00	RSTLR		0.00		
1,802.00	1,802.00	SALDO		0.00		
3,272.97	3,267.00	TANSIL		0.00		
3,472.33	3,462.00	YATES		0.00		
3,789.25	3,772.00	CAPITAN_REEF_TOP		0.00		
5,031.56	4,992.00	TOP_DELAWARE_SAND		0.00		
5,601.68	5,562.00	CHERRY_CANYON		0.00		
6,761.68	6,722.00	BRUSHY_CANYON		0.00		
8,491.68	8,452.00	BSPG_LIME		0.00		
8,541.68	8,502.00	AVLN		0.00		
8,911.68	8,872.00	LEONARD_B		0.00		
9,533.68	9,494.00	1ST_BSPG_SND		0.00		
9,836.68	9,797.00	2ND_BSPG		0.00		
10,084.12	10,037.00	2ND_BSPG_SND		0.00		

Plan Annotations					
MD (usft)	TVD (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
0.00	0.00	0.00	0.00	SHL: 130ft FSL & 792ft FWL of Sec 33	
2,600.00	2,600.00	0.00	0.00	START NUDGE (2°/100ft BUR)	
3,200.00	3,195.62	-31.03	54.37	EOB TO 12° INC	
4,615.40	4,580.09	-176.88	309.97	END OF TANGENT	
5,215.40	5,175.72	-207.90	364.34	EOD TO VERTICAL	
9,838.72	9,799.04	-207.90	364.34	KOP (10°/100ft BUR)	
10,305.71	10,216.01	-27.90	363.15	FTP: 100ft FSL & 1155ft FWL of Sec 33	
10,739.82	10,372.00	366.14	360.53	HZ LP: 494.05ft FSL & 1155ft FWL of Sec 33	
20,707.58	10,352.10	10,333.66	294.02	LTP: 100ft FNL & 1155ft FWL of Sec 28	
20,757.58	10,352.00	10,383.65	293.69	BHL: 50ft FNL & 1155ft FWL of Sec 28	

**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 60513

**CONDITIONS**

Operator: ASCENT ENERGY, LLC. 1125 17th St Denver, CO 80202	OGRID: 325830
	Action Number: 60513
	Action Type: [C-103] NOI Change of Plans (C-103A)

**CONDITIONS**

Created By	Condition	Condition Date
pkautz	None	11/8/2021