

Submit a Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

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

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-53948
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator Tascosa Energy Partners, LLC.		6. State Oil & Gas Lease No.
3. Address of Operator 901 W. Missouri Avenue, Midland, TX 79701		7. Lease Name or Unit Agreement Name Chieftain 18 State Com
4. Well Location Unit Letter <u>D</u> : <u>1249</u> feet from the <u>N</u> line and <u>257</u> feet from the <u>W</u> line Section <u>18</u> Township <u>21S</u> Range <u>26E</u> NMPM County <u>Eddy</u>		8. Well Number 303H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3275'		9. OGRID Number 329748
		10. Pool name or Wildcat Avalon; Bone Spring

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☒	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Tascosa Energy Partners requests to change the well name of Chieftain 18 State Com #303H to Chieftain 18 State Com #603H. Tascosa also requests to move the Chieftain 18 St. Com #303H (renamed as #603H) surface location from 1249' FNL, 257' FWL to 1250' FNL, 357' FWL. The BHL will remain unchanged.

Spud Date:

3/20/2024

Rig Release Date:

5/1/2024

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Alyssa McNear TITLE Engineering Manager DATE 2/19/2024

Type or print name Alyssa McNear E-mail address: adavanzo@tascosaep.com PHONE: 720-244-4417

For State Use Only

APPROVED BY: Dean R McClure TITLE Petroleum Engineer DATE 03/12/2024

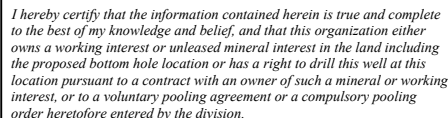
Conditions of Approval (if any):

API Number 30-015-53948		Pool Code 96381	Pool Name Avalon; Bone Spring	
Property Code 334296	Property Name CHIEFTAIN 18 STATE COM			Well Number #603H
OGRID No. 329748	Operator Name TASCOSA ENERGY PARTNERS, LLC			Elevation 3275'

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 1	18	21 S	26 E		1250	NORTH	357	WEST	EDDY

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	18	21 S	26 E		1626	NORTH	100	EAST	EDDY

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.



Alyssa McNear
Printed Name

adavanzo@tascosaep.com
E-mail Address

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

Signature and Seal of Professional Surveyor



Job No.: 22-09-2503
MATTHEW B. TOMERLIN, N.M.P.L.S.
 Certificate Number 23203

NAD 83 (KOP) 1626° FNL & 55° FWL
LATITUDE = 32.482760°
LONGITUDE = -104.340835°
NAD 27 (KOP)
LATITUDE = 32.482644°
LONGITUDE = -104.340324°
STATE PLANE NAD 83 (N.M. EAST)
N: 539358.84° E: 539024.29°
STATE PLANE NAD 27 (N.M. EAST)
N: 539298.94° E: 497844.33°

NAD 83 (LTP/BHL) 1626' FNL. & 100' FEL
LATITUDE = 32.482862°
LONGITUDE = -104.324234°
NAD 27 (LTP/BHL)
LATITUDE = 32.482746°
LONGITUDE = -104.323724°
STATE PLANE NAD 83 (N.M. EAST)
N: 539396.02' E: 544143.32'
STATE PLANE NAD 27 (N.M. EAST)
N: 539336.03' E: 502963.22'

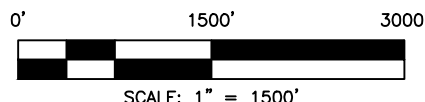
NOTES

1. ALL COORDINATES, BEARINGS, AND DISTANCES CONTAINED HEREIN ARE GRID, BASED UPON THE NEW MEXICO STATE PLANE COORDINATES SYSTEM, NORTH AMERICAN DATUM 83, NEW MEXICO EAST (3001), NAVD 88.

2. THIS DOCUMENT IS BASED UPON AN ON THE GROUND SURVEY PERFORMED DURING FEBRUARY, 2024. CERTIFICATION OF THIS DOCUMENT IS ONLY TO THE LOCATION OF THIS EASEMENT IN RELATION TO RECORDED MONUMENT OF DEEDS PROVIDED BY THE CLIENT.

3. ELEVATIONS MSL, DERIVED FROM G.N.S.S. OBSERVATION AND DERIVED FROM SAID ON-THE-GROUND SURVEY.

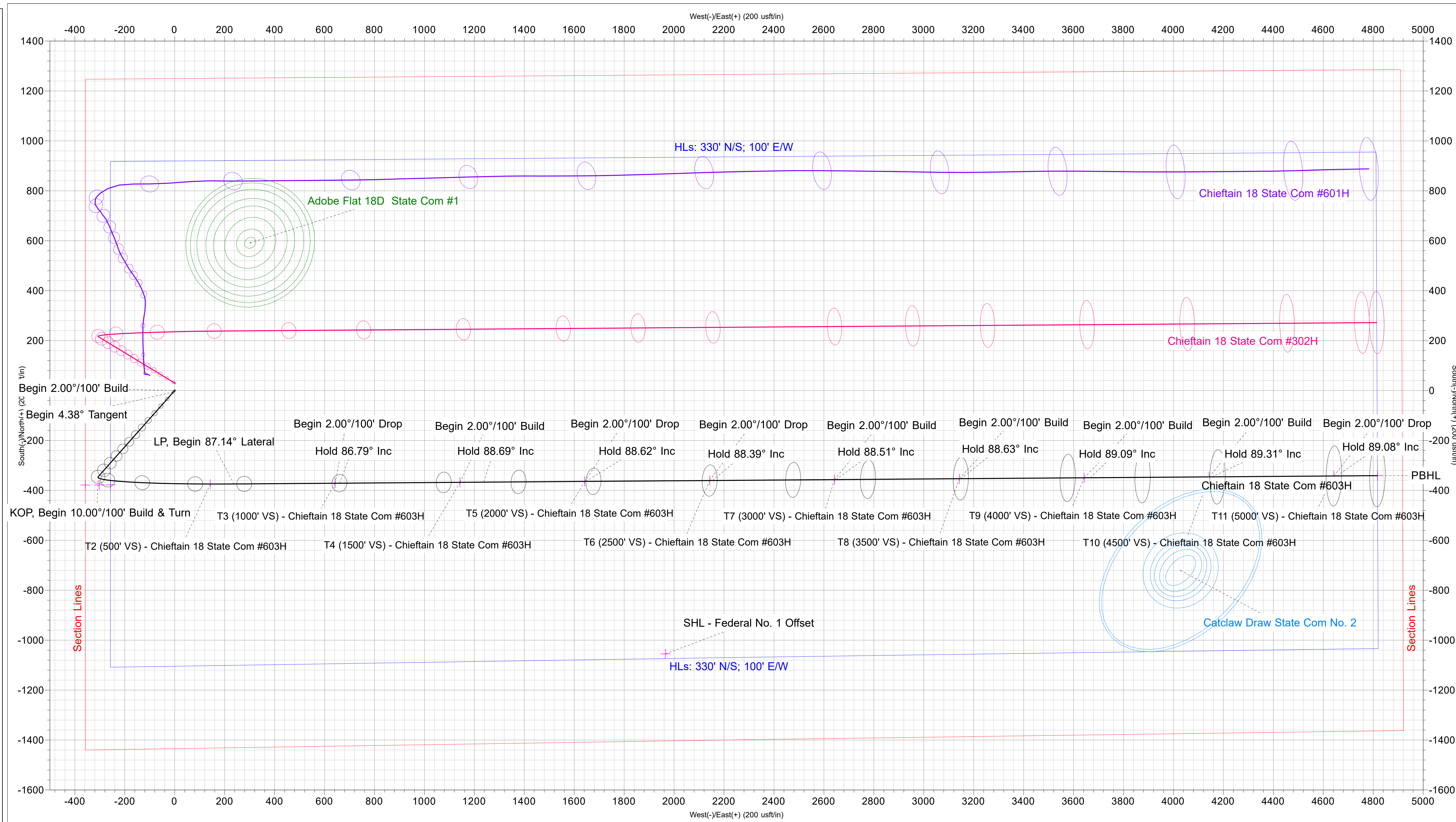
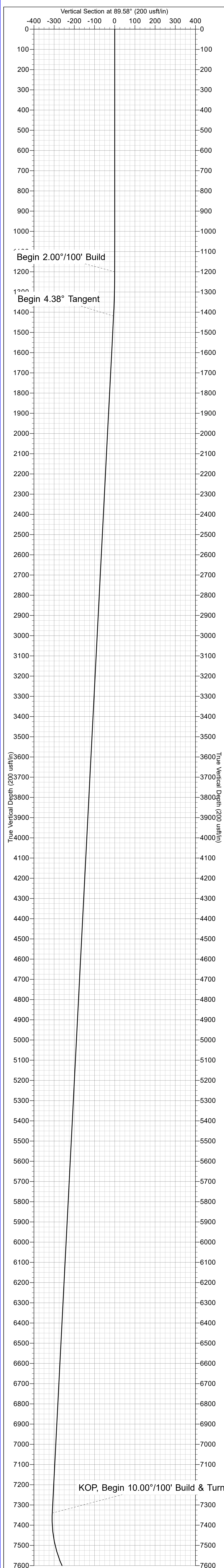
- ☐ FND. U.S.G.L.O. MON.
 UNLESS OTHERWISE
 NOTED
☒ CALC. CORNER
 / KOP/ FTP / PPP/ LTP / BHL
☐ STATE OIL & GAS LEASE
☐ BLM OIL & GAS LEASE
☐ HORIZONTAL SPACING UNIT





TASCOSA ENERGY
PARTNERS, LLC

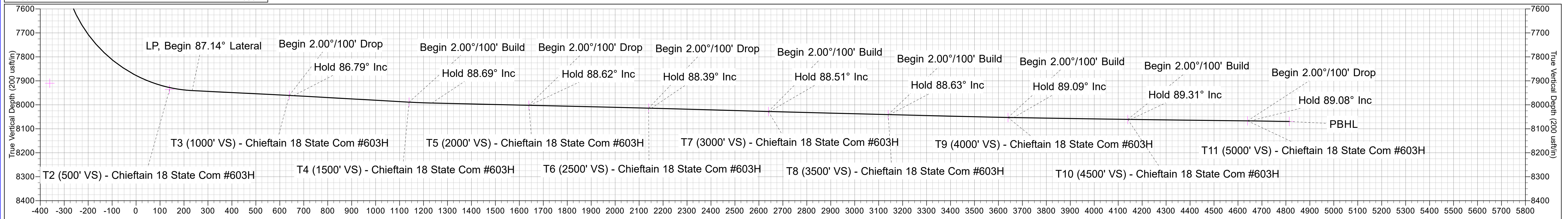
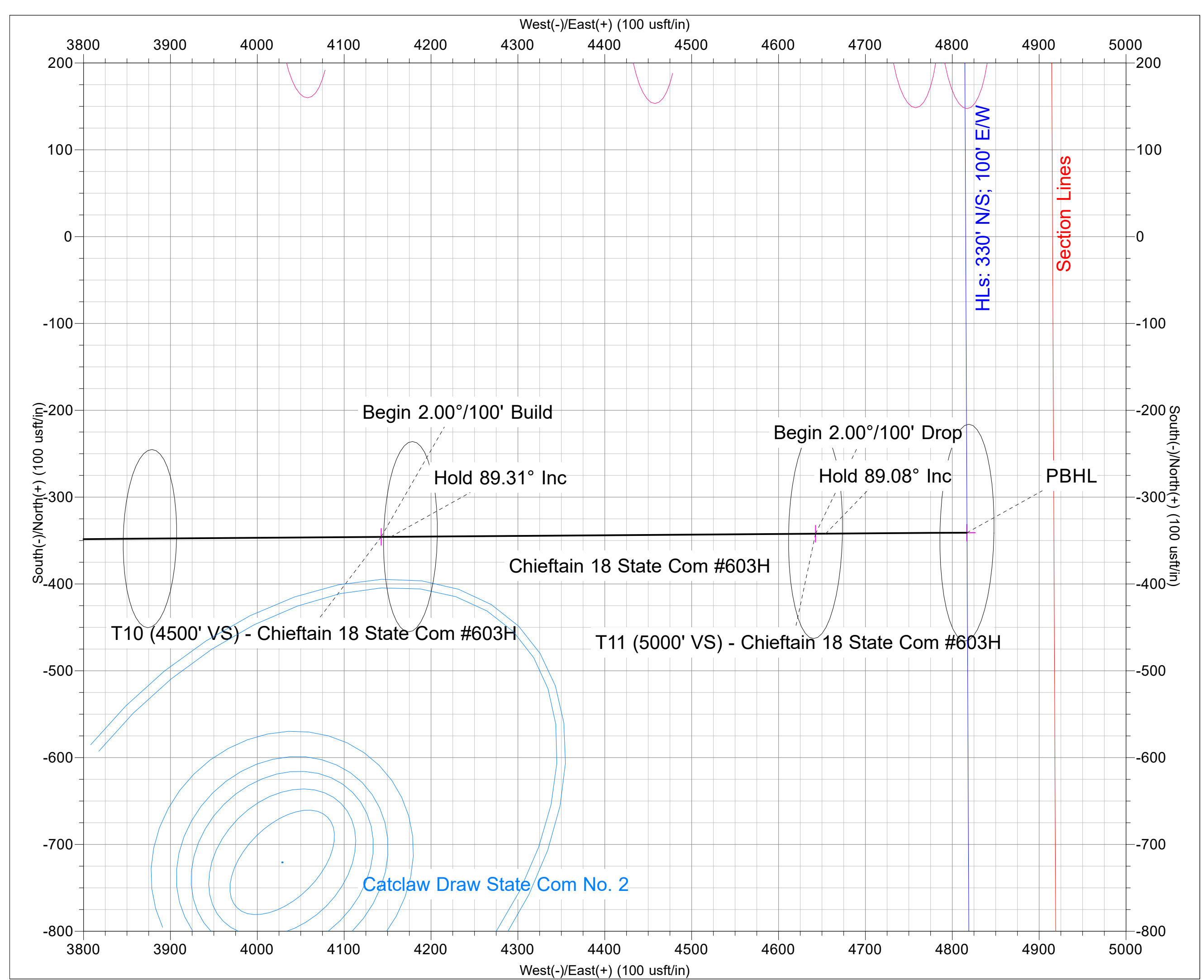
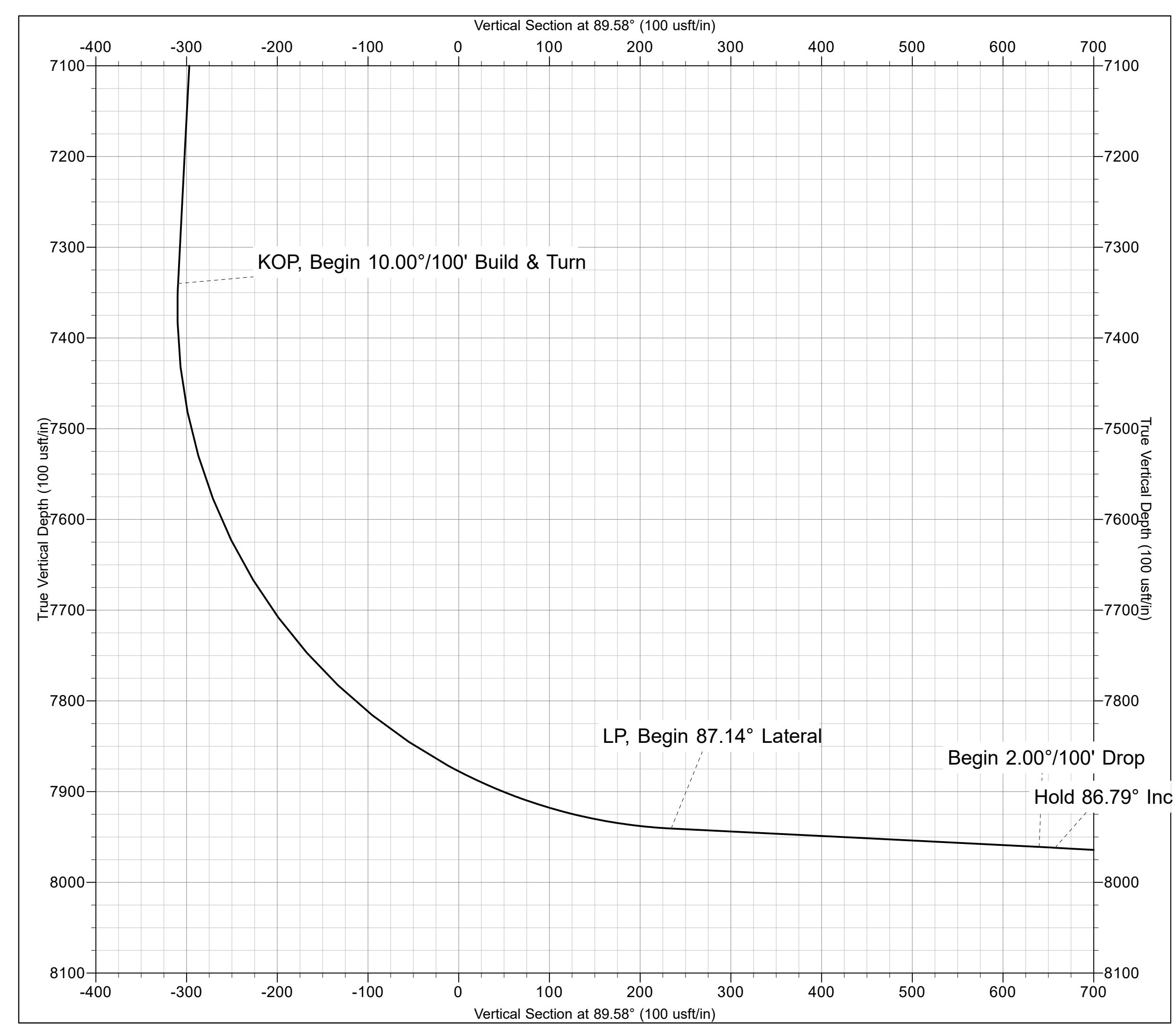
Company: Tascosa Energy Partners
Site: Chieftain 18
Well: Chieftain 18 State Com #603H
Project: Eddy County, NM (NAD83) NMEZ Grid
Rig: Scan Texas



Grid North is 0.00° West of True North (Grid Convergence)
To convert a Magnetic Direction to a Grid Direction, Add 6.60°
To convert a Magnetic Direction to a True Direction, Add 6.59° East

	Azimuths to Grid North
	True North: 0.00° Magnetic North: 6.60°
	Magnetic Field
	Strength: 47278.9nT Dip Angle: 59.93° Date: 4/1/2024 Model: IGRF2020
US State Plane 1983 New Mexico Eastern Zone	
Created By: KEE Date: 13:56, March 08 2024 Plan: Design #1	

ANNOTATIONS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation	
1200.00	0.00	0.00	1200.00	0.00	0.00	0.00	0.00	Begin 2.00°/100' Build	
1419.10	4.38	221.59	1418.89	-6.26	-5.56	-5.60	8.37	Begin 4.38° Tangent	
7357.65	4.38	221.59	7340.07	-345.61	-306.76	-309.29	462.11	KOP, Begin 10.00°/100' Build & Turn	
8258.41	87.14	89.58	7940.74	-374.19	237.13	234.38	1012.27	LP, Begin 87.14° Lateral	
8664.46	87.14	89.58	7961.00	-371.22	642.66	639.92	1417.81	Begin 2.00°/100' Drop	
8682.02	86.79	89.58	7961.93	-371.09	660.20	657.46	1435.35	Hold 86.79° Inc	
9165.25	86.79	89.58	7989.00	-367.59	1142.66	1139.93	1917.82	Begin 2.00°/100' Build	
9260.40	88.69	89.58	7992.75	-366.90	1237.73	1235.00	2012.89	Hold 88.69° Inc	
9665.45	88.69	89.58	8002.00	-363.96	1642.66	1639.95	2417.84	Begin 2.00°/100' Drop	
9668.78	88.62	89.58	8002.08	-363.93	1645.99	1643.28	2421.17	Hold 88.62° Inc	
10165.61	88.62	89.58	8014.00	-360.32	2142.66	2139.96	2917.85	Begin 2.00°/100' Drop	
10177.18	88.39	89.58	8014.30	-360.24	2154.23	2151.53	2929.42	Hold 88.39° Inc	
10665.82	88.39	89.58	8028.00	-356.69	2642.66	2639.97	3417.86	Begin 2.00°/100' Build	
10671.71	88.51	89.58	8028.16	-356.65	2648.55	2645.87	3423.76	Hold 88.51° Inc	
11166.00	88.51	89.58	8041.00	-353.06	3142.66	3139.99	3917.88	Begin 2.00°/100' Build	
11171.72	88.63	89.58	8041.14	-353.02	3148.38	3145.71	3923.60	Hold 88.63° Inc	
11666.16	88.63	89.58	8053.00	-349.43	3642.66	3640.00	4417.89	Begin 2.00°/100' Build	
11689.58	89.09	89.58	8053.47	-349.26	3666.08	3663.42	4441.31	Hold 89.09° Inc	
12166.23	89.09	89.58	8061.00	-345.80	4142.66	4140.01	4917.90	Begin 2.00°/100' Build	
12177.26	89.31	89.58	8061.15	-345.72	4153.69	4151.04	4928.93	Hold 89.31° Inc	
12666.28	89.31	89.58	8067.00	-342.17	4642.66	4640.03	5417.92	Begin 2.00°/100' Drop	
12677.94	89.08	89.58	8067.16	-342.08	4654.31	4651.68	5429.57	Hold 89.08° Inc	
12840.63	89.08	89.58	8069.77	-340.90	4816.98	4814.35	5592.24	PBHL	





Tascosa Energy Partners

Eddy County, NM (NAD83) NMEZ Grid

Chieftain 18

Chieftain 18 State Com #603H

Wellbore #1

Plan: Design #1

Standard Planning Report

08 March, 2024



Stryker Directional

Planning Report



Database:	EDM5000	Local Co-ordinate Reference:	Well Chieftain 18 State Com #603H
Company:	Tascosa Energy Partners	TVD Reference:	GL: 3275' + 27' KB @ 3302.00usft (Scan Texas)
Project:	Eddy County, NM (NAD83) NMEZ Grid	MD Reference:	GL: 3275' + 27' KB @ 3302.00usft (Scan Texas)
Site:	Chieftain 18	North Reference:	Grid
Well:	Chieftain 18 State Com #603H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

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

Site		Chieftain 18			
Site Position:		Northing:	539,797.00 usft	Latitude:	32.483964
From:	Lat/Long	Easting:	539,226.34 usft	Longitude:	-104.340180
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.00

Well	Chieftain 18 State Com #603H					
Well Position	+N/-S	-60.08 usft	Northing:	539,736.92 usft	Latitude:	32.483799
	+E/-W	100.00 usft	Easting:	539,326.34 usft	Longitude:	-104.339856
Position Uncertainty	0.00 usft		Wellhead Elevation:		Ground Level:	3,275.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	4/1/2024	6.59	59.93	47,278.87306884

Design	Design #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	89.58



Stryker Directional Planning Report



Database:	EDM5000	Local Co-ordinate Reference:	Well Chieftain 18 State Com #603H
Company:	Tascosa Energy Partners	TVD Reference:	GL: 3275' + 27' KB @ 3302.00usft (Scan Texas)
Project:	Eddy County, NM (NAD83) NMEZ Grid	MD Reference:	GL: 3275' + 27' KB @ 3302.00usft (Scan Texas)
Site:	Chieftain 18	North Reference:	Grid
Well:	Chieftain 18 State Com #603H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,419.10	4.38	221.59	1,418.89	-6.26	-5.56	2.00	2.00	0.00	221.59	
7,357.65	4.38	221.59	7,340.07	-345.61	-306.76	0.00	0.00	0.00	0.00	
8,258.41	87.14	89.58	7,940.74	-374.19	237.13	10.00	9.19	-14.66	-132.09	
8,664.46	87.14	89.58	7,961.00	-371.22	642.66	0.00	0.00	0.00	0.00	T3 (1000' VS) - Chi
8,682.02	86.79	89.58	7,961.93	-371.09	660.20	2.00	-2.00	0.02	179.36	
9,165.25	86.79	89.58	7,989.00	-367.59	1,142.66	0.00	0.00	0.00	0.00	T4 (1500' VS) - Chi
9,260.40	88.69	89.58	7,992.75	-366.90	1,237.73	2.00	2.00	0.00	0.00	
9,665.45	88.69	89.58	8,002.00	-363.96	1,642.66	0.00	0.00	0.00	0.00	T5 (2000' VS) - Chi
9,668.78	88.62	89.58	8,002.08	-363.93	1,645.99	2.00	-2.00	0.00	-180.00	
10,165.61	88.62	89.58	8,014.00	-360.32	2,142.66	0.00	0.00	0.00	0.00	T6 (2500' VS) - Chi
10,177.18	88.39	89.58	8,014.30	-360.24	2,154.23	2.00	-2.00	0.00	180.00	
10,665.82	88.39	89.58	8,028.00	-356.69	2,642.66	0.00	0.00	0.00	0.00	T7 (3000' VS) - Chi
10,671.71	88.51	89.58	8,028.16	-356.65	2,648.55	2.00	2.00	0.00	-0.01	
11,166.00	88.51	89.58	8,041.00	-353.06	3,142.66	0.00	0.00	0.00	0.00	T8 (3500' VS) - Chi
11,171.72	88.63	89.58	8,041.14	-353.02	3,148.38	2.00	2.00	0.00	0.01	
11,666.16	88.63	89.58	8,053.00	-349.43	3,642.66	0.00	0.00	0.00	0.00	T9 (4000' VS) - Chi
11,689.58	89.09	89.58	8,053.47	-349.26	3,666.08	2.00	2.00	0.00	0.00	
12,166.23	89.09	89.58	8,061.00	-345.80	4,142.66	0.00	0.00	0.00	0.00	T10 (4500' VS) - Ct
12,177.26	89.31	89.58	8,061.15	-345.72	4,153.69	2.00	2.00	0.00	0.00	
12,666.28	89.31	89.58	8,067.00	-342.17	4,642.66	0.00	0.00	0.00	0.00	T11 (5000' VS) - Ct
12,677.94	89.08	89.58	8,067.16	-342.08	4,654.31	2.00	-2.00	0.00	180.00	
12,840.63	89.08	89.58	8,069.77	-340.90	4,816.98	0.00	0.00	0.00	0.00	PBHL - Chieftain 18



Stryker Directional Planning Report



Database:	EDM5000	Local Co-ordinate Reference:	Well Chieftain 18 State Com #603H
Company:	Tascosa Energy Partners	TVD Reference:	GL: 3275' + 27' KB @ 3302.00usft (Scan Texas)
Project:	Eddy County, NM (NAD83) NMEZ Grid	MD Reference:	GL: 3275' + 27' KB @ 3302.00usft (Scan Texas)
Site:	Chieftain 18	North Reference:	Grid
Well:	Chieftain 18 State Com #603H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
Begin 2.00°/100' Build									
1,300.00	2.00	221.59	1,299.98	-1.31	-1.16	-1.17	2.00	2.00	0.00
1,400.00	4.00	221.59	1,399.84	-5.22	-4.63	-4.67	2.00	2.00	0.00
1,419.10	4.38	221.59	1,418.89	-6.26	-5.56	-5.60	2.00	2.00	0.00
Begin 4.38° Tangent									
1,500.00	4.38	221.59	1,499.55	-10.89	-9.66	-9.74	0.00	0.00	0.00
1,600.00	4.38	221.59	1,599.26	-16.60	-14.73	-14.86	0.00	0.00	0.00
1,700.00	4.38	221.59	1,698.97	-22.31	-19.81	-19.97	0.00	0.00	0.00
1,800.00	4.38	221.59	1,798.67	-28.03	-24.88	-25.08	0.00	0.00	0.00
1,900.00	4.38	221.59	1,898.38	-33.74	-29.95	-30.20	0.00	0.00	0.00
2,000.00	4.38	221.59	1,998.09	-39.46	-35.02	-35.31	0.00	0.00	0.00
2,100.00	4.38	221.59	2,097.80	-45.17	-40.09	-40.42	0.00	0.00	0.00
2,200.00	4.38	221.59	2,197.50	-50.89	-45.17	-45.54	0.00	0.00	0.00
2,300.00	4.38	221.59	2,297.21	-56.60	-50.24	-50.65	0.00	0.00	0.00
2,400.00	4.38	221.59	2,396.92	-62.31	-55.31	-55.77	0.00	0.00	0.00
2,500.00	4.38	221.59	2,496.63	-68.03	-60.38	-60.88	0.00	0.00	0.00
2,600.00	4.38	221.59	2,596.33	-73.74	-65.45	-65.99	0.00	0.00	0.00
2,700.00	4.38	221.59	2,696.04	-79.46	-70.53	-71.11	0.00	0.00	0.00
2,800.00	4.38	221.59	2,795.75	-85.17	-75.60	-76.22	0.00	0.00	0.00
2,900.00	4.38	221.59	2,895.46	-90.89	-80.67	-81.33	0.00	0.00	0.00
3,000.00	4.38	221.59	2,995.17	-96.60	-85.74	-86.45	0.00	0.00	0.00
3,100.00	4.38	221.59	3,094.87	-102.31	-90.81	-91.56	0.00	0.00	0.00
3,200.00	4.38	221.59	3,194.58	-108.03	-95.89	-96.68	0.00	0.00	0.00
3,300.00	4.38	221.59	3,294.29	-113.74	-100.96	-101.79	0.00	0.00	0.00
3,400.00	4.38	221.59	3,394.00	-119.46	-106.03	-106.90	0.00	0.00	0.00
3,500.00	4.38	221.59	3,493.70	-125.17	-111.10	-112.02	0.00	0.00	0.00
3,600.00	4.38	221.59	3,593.41	-130.89	-116.17	-117.13	0.00	0.00	0.00
3,700.00	4.38	221.59	3,693.12	-136.60	-121.25	-122.24	0.00	0.00	0.00
3,800.00	4.38	221.59	3,792.83	-142.31	-126.32	-127.36	0.00	0.00	0.00
3,900.00	4.38	221.59	3,892.53	-148.03	-131.39	-132.47	0.00	0.00	0.00
4,000.00	4.38	221.59	3,992.24	-153.74	-136.46	-137.59	0.00	0.00	0.00
4,100.00	4.38	221.59	4,091.95	-159.46	-141.53	-142.70	0.00	0.00	0.00
4,200.00	4.38	221.59	4,191.66	-165.17	-146.61	-147.81	0.00	0.00	0.00
4,300.00	4.38	221.59	4,291.37	-170.89	-151.68	-152.93	0.00	0.00	0.00
4,400.00	4.38	221.59	4,391.07	-176.60	-156.75	-158.04	0.00	0.00	0.00
4,500.00	4.38	221.59	4,490.78	-182.31	-161.82	-163.15	0.00	0.00	0.00
4,600.00	4.38	221.59	4,590.49	-188.03	-166.89	-168.27	0.00	0.00	0.00
4,700.00	4.38	221.59	4,690.20	-193.74	-171.97	-173.38	0.00	0.00	0.00
4,800.00	4.38	221.59	4,789.90	-199.46	-177.04	-178.50	0.00	0.00	0.00



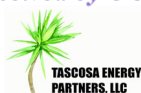
Stryker Directional Planning Report



Database:	EDM5000	Local Co-ordinate Reference:	Well Chieftain 18 State Com #603H
Company:	Tascosa Energy Partners	TVD Reference:	GL: 3275' + 27' KB @ 3302.00usft (Scan Texas)
Project:	Eddy County, NM (NAD83) NMEZ Grid	MD Reference:	GL: 3275' + 27' KB @ 3302.00usft (Scan Texas)
Site:	Chieftain 18	North Reference:	Grid
Well:	Chieftain 18 State Com #603H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,900.00	4.38	221.59	4,889.61	-205.17	-182.11	-183.61	0.00	0.00	0.00
5,000.00	4.38	221.59	4,989.32	-210.89	-187.18	-188.72	0.00	0.00	0.00
5,100.00	4.38	221.59	5,089.03	-216.60	-192.25	-193.84	0.00	0.00	0.00
5,200.00	4.38	221.59	5,188.73	-222.31	-197.33	-198.95	0.00	0.00	0.00
5,300.00	4.38	221.59	5,288.44	-228.03	-202.40	-204.06	0.00	0.00	0.00
5,400.00	4.38	221.59	5,388.15	-233.74	-207.47	-209.18	0.00	0.00	0.00
5,500.00	4.38	221.59	5,487.86	-239.46	-212.54	-214.29	0.00	0.00	0.00
5,600.00	4.38	221.59	5,587.57	-245.17	-217.61	-219.41	0.00	0.00	0.00
5,700.00	4.38	221.59	5,687.27	-250.89	-222.69	-224.52	0.00	0.00	0.00
5,800.00	4.38	221.59	5,786.98	-256.60	-227.76	-229.63	0.00	0.00	0.00
5,900.00	4.38	221.59	5,886.69	-262.31	-232.83	-234.75	0.00	0.00	0.00
6,000.00	4.38	221.59	5,986.40	-268.03	-237.90	-239.86	0.00	0.00	0.00
6,100.00	4.38	221.59	6,086.10	-273.74	-242.97	-244.97	0.00	0.00	0.00
6,200.00	4.38	221.59	6,185.81	-279.46	-248.05	-250.09	0.00	0.00	0.00
6,300.00	4.38	221.59	6,285.52	-285.17	-253.12	-255.20	0.00	0.00	0.00
6,400.00	4.38	221.59	6,385.23	-290.89	-258.19	-260.31	0.00	0.00	0.00
6,500.00	4.38	221.59	6,484.93	-296.60	-263.26	-265.43	0.00	0.00	0.00
6,600.00	4.38	221.59	6,584.64	-302.31	-268.33	-270.54	0.00	0.00	0.00
6,700.00	4.38	221.59	6,684.35	-308.03	-273.41	-275.66	0.00	0.00	0.00
6,800.00	4.38	221.59	6,784.06	-313.74	-278.48	-280.77	0.00	0.00	0.00
6,900.00	4.38	221.59	6,883.77	-319.46	-283.55	-285.88	0.00	0.00	0.00
7,000.00	4.38	221.59	6,983.47	-325.17	-288.62	-291.00	0.00	0.00	0.00
7,100.00	4.38	221.59	7,083.18	-330.89	-293.69	-296.11	0.00	0.00	0.00
7,200.00	4.38	221.59	7,182.89	-336.60	-298.77	-301.22	0.00	0.00	0.00
7,300.00	4.38	221.59	7,282.60	-342.31	-303.84	-306.34	0.00	0.00	0.00
7,357.65	4.38	221.59	7,340.07	-345.61	-306.76	-309.29	0.00	0.00	0.00
KOP, Begin 10.00°/100' Build & Turn									
7,400.00	3.50	157.68	7,382.35	-348.01	-307.34	-309.89	10.00	-2.09	-150.90
7,450.00	7.08	116.62	7,432.14	-350.81	-304.01	-306.57	10.00	7.17	-82.12
7,500.00	11.75	105.27	7,481.46	-353.53	-296.34	-298.92	10.00	9.33	-22.71
7,550.00	16.61	100.39	7,529.92	-356.16	-284.39	-287.00	10.00	9.72	-9.74
7,600.00	21.53	97.69	7,577.16	-358.68	-268.26	-270.88	10.00	9.85	-5.40
7,650.00	26.48	95.96	7,622.83	-361.07	-248.07	-250.71	10.00	9.90	-3.46
7,700.00	31.45	94.75	7,666.56	-363.31	-223.97	-226.63	10.00	9.93	-2.43
7,750.00	36.42	93.83	7,708.03	-365.38	-196.14	-198.82	10.00	9.95	-1.83
7,800.00	41.40	93.11	7,746.92	-367.27	-164.81	-167.49	10.00	9.96	-1.44
7,850.00	46.38	92.52	7,782.95	-368.96	-130.20	-132.90	10.00	9.97	-1.18
7,900.00	51.37	92.02	7,815.82	-370.45	-92.57	-95.29	10.00	9.97	-1.00
7,950.00	56.36	91.58	7,845.30	-371.71	-52.22	-54.95	10.00	9.98	-0.87
8,000.00	61.35	91.20	7,871.15	-372.75	-9.46	-12.19	10.00	9.98	-0.78
8,050.00	66.34	90.84	7,893.19	-373.54	35.40	32.66	10.00	9.98	-0.70
8,100.00	71.33	90.52	7,911.24	-374.09	82.01	79.26	10.00	9.98	-0.65
8,150.00	76.32	90.21	7,925.17	-374.40	130.01	127.26	10.00	9.98	-0.62
8,200.00	81.31	89.91	7,934.87	-374.45	179.04	176.29	10.00	9.98	-0.59
8,250.00	86.30	89.63	7,940.26	-374.25	228.74	225.99	10.00	9.98	-0.57
8,258.41	87.14	89.58	7,940.74	-374.19	237.13	234.38	10.00	9.98	-0.57
LP, Begin 87.14° Lateral									
8,300.00	87.14	89.58	7,942.82	-373.89	278.67	275.92	0.00	0.00	0.00
8,400.00	87.14	89.58	7,947.80	-373.15	378.54	375.80	0.00	0.00	0.00
8,500.00	87.14	89.58	7,952.79	-372.42	478.41	475.67	0.00	0.00	0.00
8,600.00	87.14	89.58	7,957.78	-371.69	578.29	575.55	0.00	0.00	0.00
8,664.46	87.14	89.58	7,961.00	-371.22	642.66	639.92	0.00	0.00	0.00



Stryker Directional Planning Report



Database:	EDM5000	Local Co-ordinate Reference:	Well Chieftain 18 State Com #603H
Company:	Tascosa Energy Partners	TVD Reference:	GL: 3275' + 27' KB @ 3302.00usft (Scan Texas)
Project:	Eddy County, NM (NAD83) NMEZ Grid	MD Reference:	GL: 3275' + 27' KB @ 3302.00usft (Scan Texas)
Site:	Chieftain 18	North Reference:	Grid
Well:	Chieftain 18 State Com #603H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
Begin 2.00°/100' Drop									
8,682.02	86.79	89.58	7,961.93	-371.09	660.20	657.46	2.00	-2.00	0.02
Hold 86.79° Inc									
8,700.00	86.79	89.58	7,962.94	-370.96	678.15	675.41	0.00	0.00	0.00
8,800.00	86.79	89.58	7,968.54	-370.24	777.99	775.26	0.00	0.00	0.00
8,900.00	86.79	89.58	7,974.14	-369.51	877.83	875.10	0.00	0.00	0.00
9,000.00	86.79	89.58	7,979.74	-368.79	977.67	974.94	0.00	0.00	0.00
9,100.00	86.79	89.58	7,985.34	-368.06	1,077.51	1,074.78	0.00	0.00	0.00
9,165.25	86.79	89.58	7,989.00	-367.59	1,142.66	1,139.93	0.00	0.00	0.00
Begin 2.00°/100' Build									
9,200.00	87.48	89.58	7,990.74	-367.33	1,177.36	1,174.64	2.00	2.00	0.00
9,260.40	88.69	89.58	7,992.75	-366.90	1,237.73	1,235.00	2.00	2.00	0.00
Hold 88.69° Inc									
9,300.00	88.69	89.58	7,993.66	-366.61	1,277.32	1,274.59	0.00	0.00	0.00
9,400.00	88.69	89.58	7,995.94	-365.88	1,377.29	1,374.57	0.00	0.00	0.00
9,500.00	88.69	89.58	7,998.22	-365.16	1,477.26	1,474.54	0.00	0.00	0.00
9,600.00	88.69	89.58	8,000.51	-364.43	1,577.23	1,574.52	0.00	0.00	0.00
9,665.45	88.69	89.58	8,002.00	-363.96	1,642.66	1,639.95	0.00	0.00	0.00
Begin 2.00°/100' Drop									
9,668.78	88.62	89.58	8,002.08	-363.93	1,645.99	1,643.28	2.00	-2.00	0.00
Hold 88.62° Inc									
9,700.00	88.62	89.58	8,002.83	-363.70	1,677.20	1,674.49	0.00	0.00	0.00
9,800.00	88.62	89.58	8,005.23	-362.98	1,777.17	1,774.46	0.00	0.00	0.00
9,900.00	88.62	89.58	8,007.63	-362.25	1,877.14	1,874.43	0.00	0.00	0.00
10,000.00	88.62	89.58	8,010.03	-361.53	1,977.11	1,974.40	0.00	0.00	0.00
10,100.00	88.62	89.58	8,012.43	-360.80	2,077.07	2,074.37	0.00	0.00	0.00
10,165.61	88.62	89.58	8,014.00	-360.32	2,142.66	2,139.96	0.00	0.00	0.00
Begin 2.00°/100' Drop									
10,177.18	88.39	89.58	8,014.30	-360.24	2,154.23	2,151.53	2.00	-2.00	0.00
Hold 88.39° Inc									
10,200.00	88.39	89.58	8,014.94	-360.07	2,177.04	2,174.34	0.00	0.00	0.00
10,300.00	88.39	89.58	8,017.74	-359.35	2,277.00	2,274.30	0.00	0.00	0.00
10,400.00	88.39	89.58	8,020.55	-358.62	2,376.96	2,374.26	0.00	0.00	0.00
10,500.00	88.39	89.58	8,023.35	-357.90	2,476.91	2,474.22	0.00	0.00	0.00
10,600.00	88.39	89.58	8,026.16	-357.17	2,576.87	2,574.18	0.00	0.00	0.00
10,665.82	88.39	89.58	8,028.00	-356.69	2,642.66	2,639.97	0.00	0.00	0.00
Begin 2.00°/100' Build									
10,671.71	88.51	89.58	8,028.16	-356.65	2,648.55	2,645.87	2.00	2.00	0.00
Hold 88.51° Inc									
10,700.00	88.51	89.58	8,028.89	-356.44	2,676.83	2,674.15	0.00	0.00	0.00
10,800.00	88.51	89.58	8,031.49	-355.72	2,776.80	2,774.11	0.00	0.00	0.00
10,900.00	88.51	89.58	8,034.09	-354.99	2,876.76	2,874.08	0.00	0.00	0.00
11,000.00	88.51	89.58	8,036.69	-354.27	2,976.72	2,974.05	0.00	0.00	0.00
11,100.00	88.51	89.58	8,039.29	-353.54	3,076.69	3,074.01	0.00	0.00	0.00
11,166.00	88.51	89.58	8,041.00	-353.06	3,142.66	3,139.99	0.00	0.00	0.00
Begin 2.00°/100' Build									
11,171.72	88.63	89.58	8,041.14	-353.02	3,148.38	3,145.71	2.00	2.00	0.00
Hold 88.63° Inc									
11,200.00	88.63	89.58	8,041.82	-352.81	3,176.65	3,173.98	0.00	0.00	0.00
11,300.00	88.63	89.58	8,044.22	-352.09	3,276.62	3,273.95	0.00	0.00	0.00



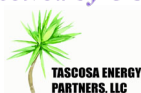
Stryker Directional Planning Report



Database:	EDM5000	Local Co-ordinate Reference:	Well Chieftain 18 State Com #603H
Company:	Tascosa Energy Partners	TVD Reference:	GL: 3275' + 27' KB @ 3302.00usft (Scan Texas)
Project:	Eddy County, NM (NAD83) NMEZ Grid	MD Reference:	GL: 3275' + 27' KB @ 3302.00usft (Scan Texas)
Site:	Chieftain 18	North Reference:	Grid
Well:	Chieftain 18 State Com #603H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
11,400.00	88.63	89.58	8,046.62	-351.36	3,376.59	3,373.92	0.00	0.00	0.00
11,500.00	88.63	89.58	8,049.02	-350.64	3,476.56	3,473.89	0.00	0.00	0.00
11,600.00	88.63	89.58	8,051.41	-349.91	3,576.53	3,573.86	0.00	0.00	0.00
11,666.16	88.63	89.58	8,053.00	-349.43	3,642.66	3,640.00	0.00	0.00	0.00
Begin 2.00°/100' Build									
11,689.58	89.09	89.58	8,053.47	-349.26	3,666.08	3,663.42	2.00	2.00	0.00
Hold 89.09° Inc									
11,700.00	89.09	89.58	8,053.63	-349.18	3,676.50	3,673.84	0.00	0.00	0.00
11,800.00	89.09	89.58	8,055.21	-348.46	3,776.48	3,773.83	0.00	0.00	0.00
11,900.00	89.09	89.58	8,056.79	-347.73	3,876.47	3,873.81	0.00	0.00	0.00
12,000.00	89.09	89.58	8,058.37	-347.00	3,976.45	3,973.80	0.00	0.00	0.00
12,100.00	89.09	89.58	8,059.95	-346.28	4,076.44	4,073.79	0.00	0.00	0.00
12,166.23	89.09	89.58	8,061.00	-345.80	4,142.66	4,140.01	0.00	0.00	0.00
Begin 2.00°/100' Build									
12,177.26	89.31	89.58	8,061.15	-345.72	4,153.69	4,151.04	2.00	2.00	0.00
Hold 89.31° Inc									
12,200.00	89.31	89.58	8,061.43	-345.55	4,176.42	4,173.78	0.00	0.00	0.00
12,300.00	89.31	89.58	8,062.62	-344.83	4,276.41	4,273.77	0.00	0.00	0.00
12,400.00	89.31	89.58	8,063.82	-344.10	4,376.40	4,373.76	0.00	0.00	0.00
12,500.00	89.31	89.58	8,065.01	-343.37	4,476.39	4,473.76	0.00	0.00	0.00
12,600.00	89.31	89.58	8,066.21	-342.65	4,576.38	4,573.75	0.00	0.00	0.00
12,666.28	89.31	89.58	8,067.00	-342.17	4,642.66	4,640.03	0.00	0.00	0.00
Begin 2.00°/100' Drop									
12,677.94	89.08	89.58	8,067.16	-342.08	4,654.31	4,651.68	2.00	-2.00	0.00
Hold 89.08° Inc									
12,700.00	89.08	89.58	8,067.52	-341.92	4,676.37	4,673.74	0.00	0.00	0.00
12,800.00	89.08	89.58	8,069.12	-341.20	4,776.36	4,773.73	0.00	0.00	0.00
12,840.63	89.08	89.58	8,069.77	-340.90	4,816.98	4,814.35	0.00	0.00	0.00
PBHL									



Stryker Directional Planning Report



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Project:	Eddy County, NM (NAD83) NMEZ Grid	MD Reference:	GL: 3275' + 27' KB @ 3302.00usft (Scan Texas)
Site:	Chieftain 18	North Reference:	Grid
Well:	Chieftain 18 State Com #603H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
FTP - Chieftain 18 St - plan misses target center by 456.91usft at 0.00usft MD (0.00 TVD, 0.00 N, 0.00 E) - Point	0.00	0.01	0.00	-377.75	-257.05	539,359.17	539,069.29	32.482761	-104.340689
KOP - Chieftain 18 St - plan misses target center by 32.77usft at 7359.42usft MD (7341.85 TVD, -345.71 N, -306.85 E) - Point	0.00	0.01	7,340.07	-378.08	-302.05	539,358.84	539,024.29	32.482760	-104.340835
T1 (0' VS) - Chieftain - plan misses target center by 252.56usft at 7800.00usft MD (7746.92 TVD, -367.27 N, -164.81 E) - Point	0.00	0.01	7,910.00	-378.48	-357.34	539,358.44	538,969.00	32.482759	-104.341015
T2 (500' VS) - Chiefta - plan misses target center by 7.73usft at 8164.52usft MD (7928.42 TVD, -374.44 N, 144.16 E) - Point	0.00	0.01	7,936.00	-374.85	142.66	539,362.07	539,469.00	32.482769	-104.339393
T3 (1000' VS) - Chieft - plan hits target center - Point	0.00	0.01	7,961.00	-371.22	642.66	539,365.70	539,969.00	32.482779	-104.337772
T4 (1500' VS) - Chieft - plan hits target center - Point	0.00	0.01	7,989.00	-367.59	1,142.66	539,369.34	540,469.00	32.482789	-104.336150
T5 (2000' VS) - Chieft - plan hits target center - Point	0.00	0.01	8,002.00	-363.96	1,642.66	539,372.97	540,969.00	32.482799	-104.334529
T6 (2500' VS) - Chieft - plan hits target center - Point	0.00	0.01	8,014.00	-360.32	2,142.66	539,376.60	541,469.00	32.482809	-104.332907
T7 (3000' VS) - Chieft - plan hits target center - Point	0.00	0.01	8,028.00	-356.69	2,642.66	539,380.23	541,969.00	32.482819	-104.331286
T8 (3500' VS) - Chieft - plan hits target center - Point	0.00	0.01	8,041.00	-353.06	3,142.66	539,383.86	542,469.00	32.482829	-104.329664
T9 (4000' VS) - Chieft - plan hits target center - Point	0.00	0.01	8,053.00	-349.43	3,642.66	539,387.49	542,969.00	32.482839	-104.328043
T10 (4500' VS) - Chie - plan hits target center - Point	0.00	0.01	8,061.00	-345.80	4,142.66	539,391.12	543,469.00	32.482848	-104.326421
T11 (5000' VS) - Chie - plan hits target center - Point	0.00	0.01	8,067.00	-342.17	4,642.66	539,394.76	543,969.00	32.482858	-104.324800
PBHL - Chieftain 18 S - plan hits target center - Point	0.00	0.01	8,069.77	-340.90	4,816.98	539,396.02	544,143.32	32.482862	-104.324234



Stryker Directional Planning Report



Database:	EDM5000	Local Co-ordinate Reference:	Well Chieftain 18 State Com #603H
Company:	Tascosa Energy Partners	TVD Reference:	GL: 3275' + 27' KB @ 3302.00usft (Scan Texas)
Project:	Eddy County, NM (NAD83) NMEZ Grid	MD Reference:	GL: 3275' + 27' KB @ 3302.00usft (Scan Texas)
Site:	Chieftain 18	North Reference:	Grid
Well:	Chieftain 18 State Com #603H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1,200.00	1,200.00	0.00	0.00	Begin 2.00°/100' Build
1,419.10	1,418.89	-6.26	-5.56	Begin 4.38° Tangent
7,357.65	7,340.07	-345.61	-306.76	KOP, Begin 10.00°/100' Build & Turn
8,258.41	7,940.74	-374.19	237.13	LP, Begin 87.14° Lateral
8,664.46	7,961.00	-371.22	642.66	Begin 2.00°/100' Drop
8,682.02	7,961.93	-371.09	660.20	Hold 86.79° Inc
9,165.25	7,989.00	-367.59	1,142.66	Begin 2.00°/100' Build
9,260.40	7,992.75	-366.90	1,237.73	Hold 88.69° Inc
9,665.45	8,002.00	-363.96	1,642.66	Begin 2.00°/100' Drop
9,668.78	8,002.08	-363.93	1,645.99	Hold 88.62° Inc
10,165.61	8,014.00	-360.32	2,142.66	Begin 2.00°/100' Drop
10,177.18	8,014.30	-360.24	2,154.23	Hold 88.39° Inc
10,665.82	8,028.00	-356.69	2,642.66	Begin 2.00°/100' Build
10,671.71	8,028.16	-356.65	2,648.55	Hold 88.51° Inc
11,166.00	8,041.00	-353.06	3,142.66	Begin 2.00°/100' Build
11,171.72	8,041.14	-353.02	3,148.38	Hold 88.63° Inc
11,666.16	8,053.00	-349.43	3,642.66	Begin 2.00°/100' Build
11,689.58	8,053.47	-349.26	3,666.08	Hold 89.09° Inc
12,166.23	8,061.00	-345.80	4,142.66	Begin 2.00°/100' Build
12,177.26	8,061.15	-345.72	4,153.69	Hold 89.31° Inc
12,666.28	8,067.00	-342.17	4,642.66	Begin 2.00°/100' Drop
12,677.94	8,067.16	-342.08	4,654.31	Hold 89.08° Inc
12,840.63	8,069.77	-340.90	4,816.98	PBHL

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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

CONDITIONS

Action 322466

CONDITIONS

Operator: Tascosa Energy Partners, L.L.C 901 W. Missouri Ave Midland, TX 79701	OGRID: 329748
	Action Number: 322466
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	None	3/12/2024