

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. 30-015-53951
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>A</u> : <u>1219</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 302H
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 move the Chieftain 18 #302H surface location from 1219' FNL, 257' FWL to 1220' 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. McElure TITLE Petroleum Engineer DATE 03/12/2024

Conditions of Approval (if any):

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
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District III
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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

API Number	Pool Code	Pool Name
30-015-53951	96381	Avalon; Bone Spring
Property Code	Property Name	Well Number
334296	CHIEFTAIN 18 STATE COM	#302H
OGRID No.	Operator Name	Elevation
329748	TASCOSA ENERGY PARTNERS, LLC	3274'

Surface Location

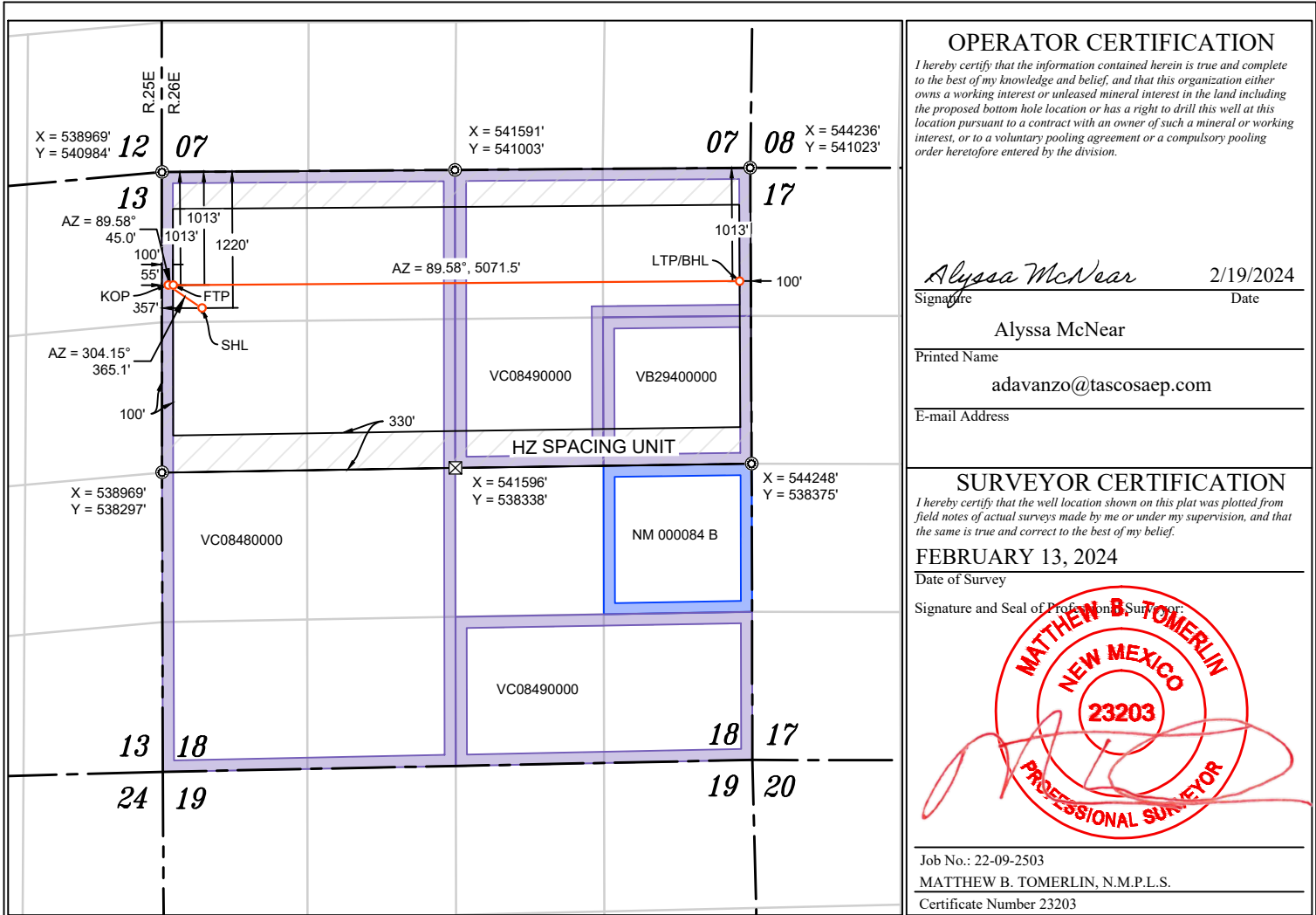
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 1	18	21 S	26 E		1220	NORTH	357	WEST	EDDY

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
A	18	21 S	26 E		1013	NORTH	100	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
322.80			

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.



NAD 83 (SHL) 1220' FNL & 357' FWL
LATITUDE = 32.483881°
LONGITUDE = -104.339856°
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32.483765°
LONGITUDE = -104.339345°
STATE PLANE NAD 83 (N.M. EAST)
N: 539766.92' E: 539326.34'
STATE PLANE NAD 27 (N.M. EAST)
N: 539707.00' E: 498146.38'

NAD 83 (KOP) 1013' FNL & 55' FWL
LATITUDE = 32.484445°
LONGITUDE = -104.340836°
NAD 27 (KOP)
LATITUDE = 32.484329°
LONGITUDE = -104.340325°
STATE PLANE NAD 83 (N.M. EAST)
N: 539971.86' E: 539024.18'
STATE PLANE NAD 27 (N.M. EAST)
N: 539911.94' E: 497844.23'

NAD 83 (FTP) 1013' FNL & 100' FWL
LATITUDE = 32.484446°
LONGITUDE = -104.340690°
NAD 27 (FTP)
LATITUDE = 32.484330°
LONGITUDE = -104.340179°
STATE PLANE NAD 83 (N.M. EAST)
N: 539972.19' E: 539069.18'
STATE PLANE NAD 27 (N.M. EAST)
N: 539912.27' E: 497889.23'

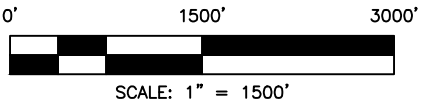
NAD 83 (LTP/BHL) 1013' FNL & 100' FEL
LATITUDE = 32.484547°
LONGITUDE = -104.324243°
NAD 27 (LTP/BHL)
LATITUDE = 32.484431°
LONGITUDE = -104.323733°
STATE PLANE NAD 83 (N.M. EAST)
N: 540009.02' E: 544140.58'
STATE PLANE NAD 27 (N.M. EAST)
N: 539949.01' E: 502960.50'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
VC08480000	2523.97'
VC08490000	2547.55'
TOTAL	5071.52'

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

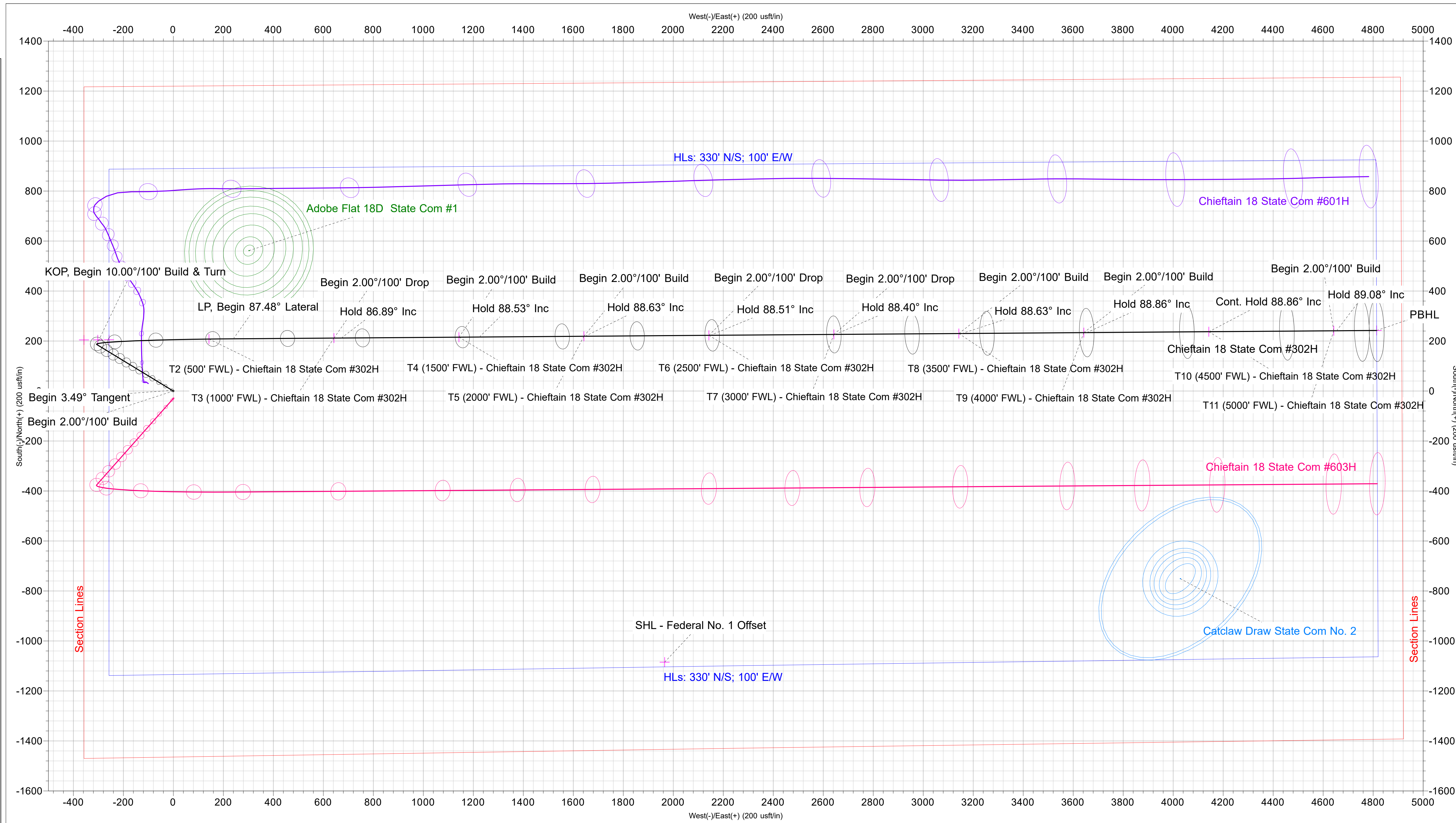
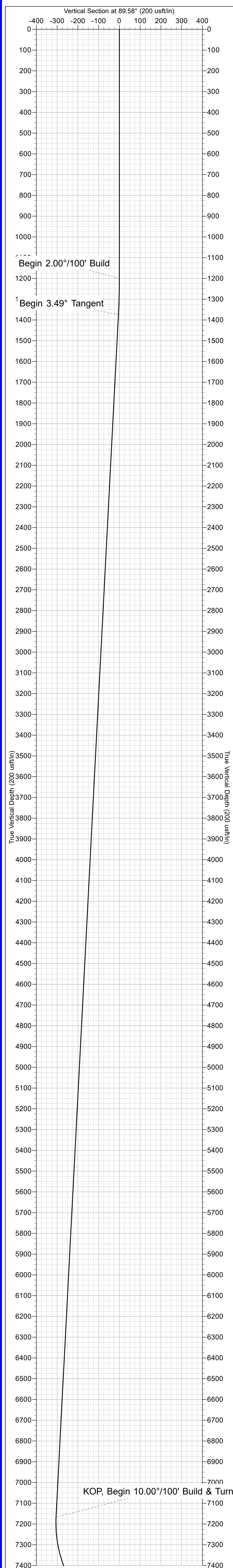
NOTES

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

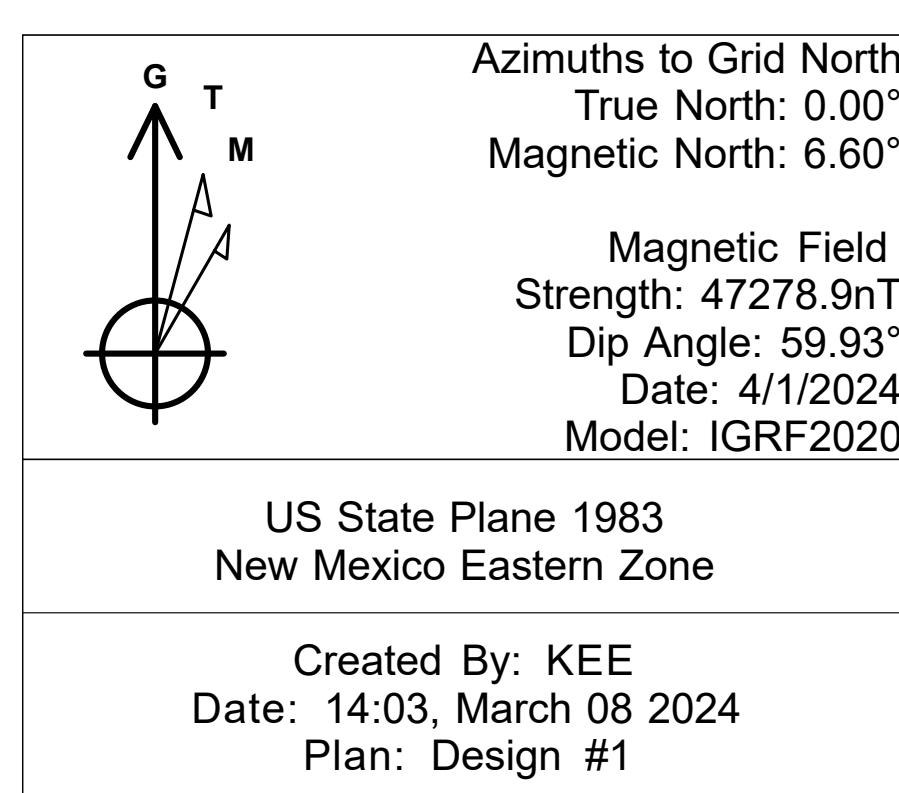




Company: Tascosa Energy Partners
Site: Chieftain 18
Well: Chieftain 18 State Com #302H
Project: Eddy County, NM (NAD83) NMEZ Grid
Rig: Scan Texas

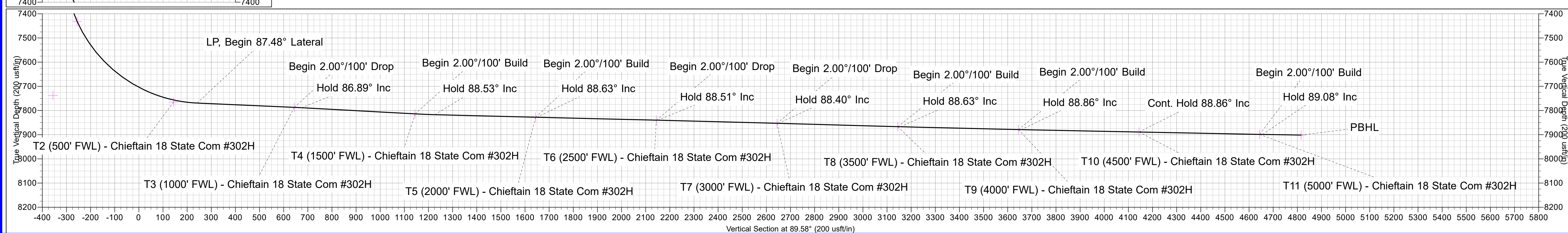
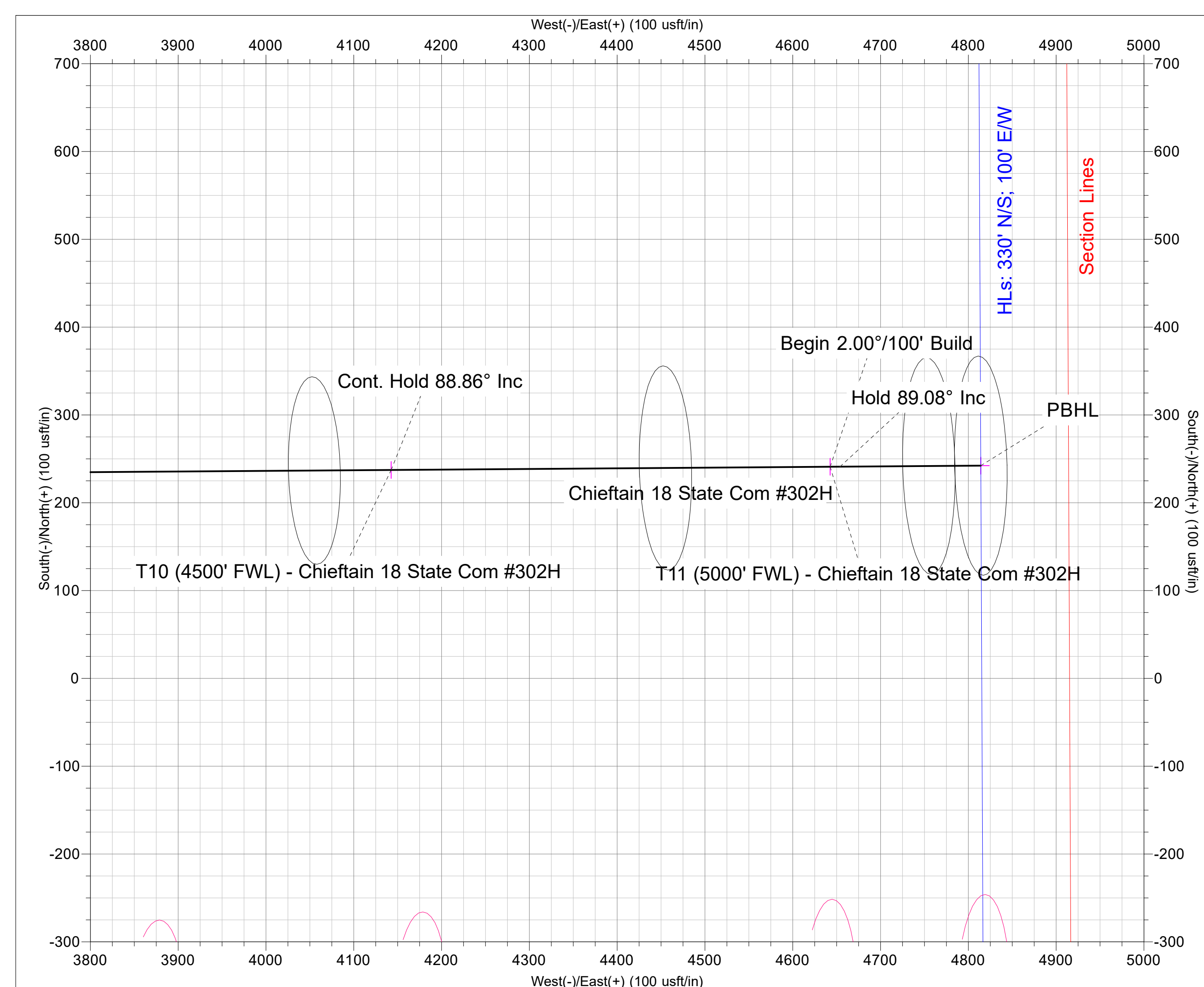
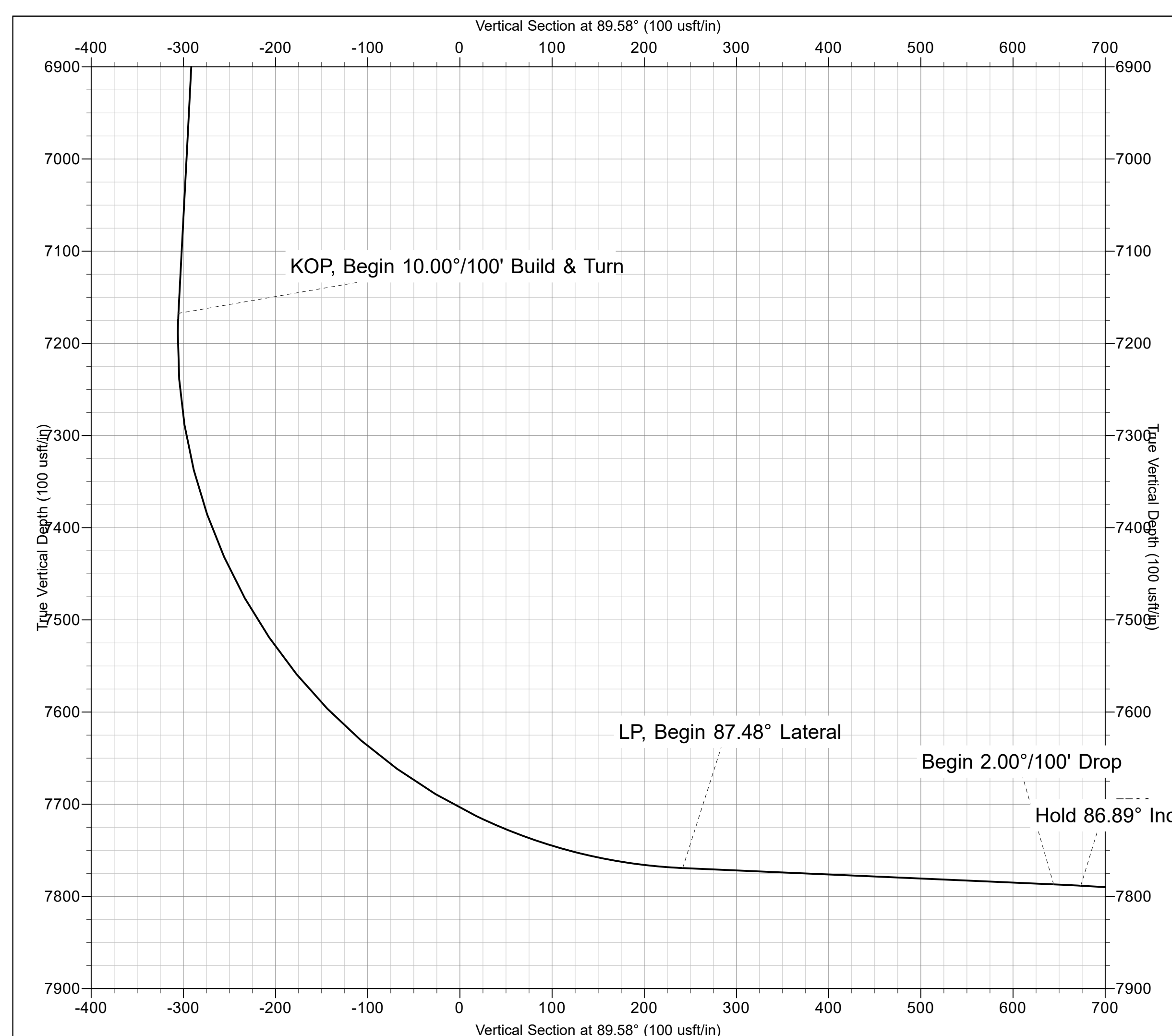


Grid North is 0.00° West of True North (Grid Convergence)
To convert a Magnetic Direction to a Grid Direction, Add 6.60°
To convert a Magnetic Direction to a True Direction, Add 6.59° East



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
1374.59	3.49	301.30	1374.48	2.76	-4.54	-4.52	5.32	Begin 3.49° Tangent
7178.37	3.49	301.30	7167.48	186.39	-306.60	-305.22	358.81	KOP, Begin 10.00°/100' Build & Turn
8082.88	87.48	89.58	7769.29	208.89	240.26	241.79	909.63	LP, Begin 87.48° Lateral
8485.68	87.48	89.58	7787.00	211.84	642.66	644.20	1312.04	Begin 2.00°/100' Drop
8515.09	86.89	89.58	7788.44	212.05	672.03	673.57	1341.41	Hold 86.89° Inc
8986.42	86.89	89.58	7814.00	215.48	1142.66	1144.21	1812.05	Begin 2.00°/100' Build
9068.35	88.53	89.58	7817.27	216.08	1224.52	1226.07	1893.91	Hold 88.53° Inc
9486.64	88.53	89.58	7828.00	219.13	1642.66	1644.22	2312.07	Begin 2.00°/100' Build
9491.40	88.63	89.58	7828.12	219.17	1647.42	1648.99	2316.83	Hold 88.63° Inc
9986.80	88.63	89.58	7840.00	222.78	2142.66	2144.24	2812.08	Begin 2.00°/100' Drop
9992.58	88.51	89.58	7840.14	222.82	2148.44	2150.02	2817.86	Hold 88.51° Inc
10486.98	88.51	89.58	7853.00	226.43	2642.66	2644.25	3312.09	Begin 2.00°/100' Drop
10492.70	88.40	89.58	7853.15	226.47	2648.38	2649.97	3317.82	Hold 88.40° Inc
10987.19	88.40	89.58	7867.00	230.08	3142.66	3144.26	3812.11	Begin 2.00°/100' Build
10998.81	88.63	89.58	7867.30	230.17	3154.27	3155.88	3823.72	Hold 88.63° Inc
11487.35	88.63	89.58	7879.00	233.73	3642.66	3644.28	4312.12	Begin 2.00°/100' Build
11498.77	88.86	89.58	7879.25	233.81	3654.08	3655.70	4323.54	Hold 88.86° Inc
11987.46	88.86	89.58	7889.00	237.38	4142.66	4144.29	4812.13	Cont. Hold 88.86° Inc
12487.57	88.86	89.58	7898.98	241.03	4642.66	4644.30	5312.15	Begin 2.00°/100' Build
12498.90	89.08	89.58	7899.18	241.11	4653.99	4655.63	5323.48	Hold 89.08° Inc
12659.18	89.08	89.58	7901.74	242.28	4814.24	4815.89	5483.73	PBHL





Tascosa Energy Partners

Eddy County, NM (NAD83) NMEZ Grid

Chieftain 18

Chieftain 18 State Com #302H

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 #302H
Company:	Tascosa Energy Partners	TVD Reference:	GL: 3274' + 27' KB @ 3301.00usft (Scan Texas)
Project:	Eddy County, NM (NAD83) NMEZ Grid	MD Reference:	GL: 3274' + 27' KB @ 3301.00usft (Scan Texas)
Site:	Chieftain 18	North Reference:	Grid
Well:	Chieftain 18 State Com #302H	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 #302H					
Well Position	+N/-S	-30.08 usft	Northing:	539,766.92 usft	Latitude:	32.483881
	+E/-W	100.00 usft	Easting:	539,326.34 usft	Longitude:	-104.339856
Position Uncertainty	0.00 usft		Wellhead Elevation:		Ground Level:	3,274.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	4/1/2024	6.59	59.93	47,278.92883564

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 #302H
Company:	Tascosa Energy Partners	TVD Reference:	GL: 3274' + 27' KB @ 3301.00usft (Scan Texas)
Project:	Eddy County, NM (NAD83) NMEZ Grid	MD Reference:	GL: 3274' + 27' KB @ 3301.00usft (Scan Texas)
Site:	Chieftain 18	North Reference:	Grid
Well:	Chieftain 18 State Com #302H	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	
1,374.59	3.49	301.30	1,374.48	2.76	-4.54	2.00	2.00	0.00	301.30	
7,178.37	3.49	301.30	7,167.48	186.39	-306.60	0.00	0.00	0.00	0.00	
8,082.88	87.48	89.58	7,769.29	208.89	240.26	10.00	9.29	16.39	148.32	
8,485.68	87.48	89.58	7,787.00	211.84	642.66	0.00	0.00	0.00	0.00	T3 (1000' FWL) - C
8,515.09	86.89	89.58	7,788.44	212.05	672.03	2.00	-2.00	0.01	179.81	
8,986.42	86.89	89.58	7,814.00	215.48	1,142.66	0.00	0.00	0.00	0.00	T4 (1500' FWL) - C
9,068.35	88.53	89.58	7,817.27	216.08	1,224.52	2.00	2.00	0.00	0.00	
9,486.64	88.53	89.58	7,828.00	219.13	1,642.66	0.00	0.00	0.00	0.00	T5 (2000' FWL) - C
9,491.40	88.63	89.58	7,828.12	219.17	1,647.42	2.00	2.00	0.00	0.01	
9,986.80	88.63	89.58	7,840.00	222.78	2,142.66	0.00	0.00	0.00	0.00	T6 (2500' FWL) - C
9,992.58	88.51	89.58	7,840.14	222.82	2,148.44	2.00	-2.00	0.00	-179.99	
10,486.98	88.51	89.58	7,853.00	226.43	2,642.66	0.00	0.00	0.00	0.00	T7 (3000' FWL) - C
10,492.70	88.40	89.58	7,853.15	226.47	2,648.38	2.00	-2.00	0.00	179.99	
10,987.19	88.40	89.58	7,867.00	230.08	3,142.66	0.00	0.00	0.00	0.00	T8 (3500' FWL) - C
10,998.81	88.63	89.58	7,867.30	230.17	3,154.27	2.00	2.00	0.00	0.00	
11,487.35	88.63	89.58	7,879.00	233.73	3,642.66	0.00	0.00	0.00	0.00	T9 (4000' FWL) - C
11,498.77	88.86	89.58	7,879.25	233.81	3,654.08	2.00	2.00	0.00	0.00	
11,987.46	88.86	89.58	7,889.00	237.38	4,142.66	0.00	0.00	0.00	0.00	T10 (4500' FWL) - C
12,487.57	88.86	89.58	7,898.98	241.03	4,642.66	0.00	0.00	0.00	0.00	T11 (5000' FWL) - C
12,498.90	89.08	89.58	7,899.18	241.11	4,653.99	2.00	2.00	0.00	-0.01	
12,659.18	89.08	89.58	7,901.74	242.28	4,814.24	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 #302H
Company:	Tascosa Energy Partners	TVD Reference:	GL: 3274' + 27' KB @ 3301.00usft (Scan Texas)
Project:	Eddy County, NM (NAD83) NMEZ Grid	MD Reference:	GL: 3274' + 27' KB @ 3301.00usft (Scan Texas)
Site:	Chieftain 18	North Reference:	Grid
Well:	Chieftain 18 State Com #302H	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	301.30	1,299.98	0.91	-1.49	-1.48	2.00	2.00	0.00
1,374.59	3.49	301.30	1,374.48	2.76	-4.54	-4.52	2.00	2.00	0.00
Begin 3.49° Tangent									
1,400.00	3.49	301.30	1,399.84	3.57	-5.87	-5.84	0.00	0.00	0.00
1,500.00	3.49	301.30	1,499.66	6.73	-11.07	-11.02	0.00	0.00	0.00
1,600.00	3.49	301.30	1,599.47	9.89	-16.28	-16.20	0.00	0.00	0.00
1,700.00	3.49	301.30	1,699.29	13.06	-21.48	-21.38	0.00	0.00	0.00
1,800.00	3.49	301.30	1,799.10	16.22	-26.68	-26.57	0.00	0.00	0.00
1,900.00	3.49	301.30	1,898.92	19.39	-31.89	-31.75	0.00	0.00	0.00
2,000.00	3.49	301.30	1,998.73	22.55	-37.09	-36.93	0.00	0.00	0.00
2,100.00	3.49	301.30	2,098.55	25.71	-42.30	-42.11	0.00	0.00	0.00
2,200.00	3.49	301.30	2,198.36	28.88	-47.50	-47.29	0.00	0.00	0.00
2,300.00	3.49	301.30	2,298.17	32.04	-52.71	-52.47	0.00	0.00	0.00
2,400.00	3.49	301.30	2,397.99	35.21	-57.91	-57.65	0.00	0.00	0.00
2,500.00	3.49	301.30	2,497.80	38.37	-63.12	-62.83	0.00	0.00	0.00
2,600.00	3.49	301.30	2,597.62	41.53	-68.32	-68.01	0.00	0.00	0.00
2,700.00	3.49	301.30	2,697.43	44.70	-73.52	-73.20	0.00	0.00	0.00
2,800.00	3.49	301.30	2,797.25	47.86	-78.73	-78.38	0.00	0.00	0.00
2,900.00	3.49	301.30	2,897.06	51.02	-83.93	-83.56	0.00	0.00	0.00
3,000.00	3.49	301.30	2,996.87	54.19	-89.14	-88.74	0.00	0.00	0.00
3,100.00	3.49	301.30	3,096.69	57.35	-94.34	-93.92	0.00	0.00	0.00
3,200.00	3.49	301.30	3,196.50	60.52	-99.55	-99.10	0.00	0.00	0.00
3,300.00	3.49	301.30	3,296.32	63.68	-104.75	-104.28	0.00	0.00	0.00
3,400.00	3.49	301.30	3,396.13	66.84	-109.96	-109.46	0.00	0.00	0.00
3,500.00	3.49	301.30	3,495.95	70.01	-115.16	-114.64	0.00	0.00	0.00
3,600.00	3.49	301.30	3,595.76	73.17	-120.36	-119.82	0.00	0.00	0.00
3,700.00	3.49	301.30	3,695.57	76.34	-125.57	-125.01	0.00	0.00	0.00
3,800.00	3.49	301.30	3,795.39	79.50	-130.77	-130.19	0.00	0.00	0.00
3,900.00	3.49	301.30	3,895.20	82.66	-135.98	-135.37	0.00	0.00	0.00
4,000.00	3.49	301.30	3,995.02	85.83	-141.18	-140.55	0.00	0.00	0.00
4,100.00	3.49	301.30	4,094.83	88.99	-146.39	-145.73	0.00	0.00	0.00
4,200.00	3.49	301.30	4,194.65	92.15	-151.59	-150.91	0.00	0.00	0.00
4,300.00	3.49	301.30	4,294.46	95.32	-156.80	-156.09	0.00	0.00	0.00
4,400.00	3.49	301.30	4,394.28	98.48	-162.00	-161.27	0.00	0.00	0.00
4,500.00	3.49	301.30	4,494.09	101.65	-167.20	-166.45	0.00	0.00	0.00
4,600.00	3.49	301.30	4,593.90	104.81	-172.41	-171.64	0.00	0.00	0.00
4,700.00	3.49	301.30	4,693.72	107.97	-177.61	-176.82	0.00	0.00	0.00
4,800.00	3.49	301.30	4,793.53	111.14	-182.82	-182.00	0.00	0.00	0.00



Stryker Directional Planning Report



Database:	EDM5000	Local Co-ordinate Reference:	Well Chieftain 18 State Com #302H
Company:	Tascosa Energy Partners	TVD Reference:	GL: 3274' + 27' KB @ 3301.00usft (Scan Texas)
Project:	Eddy County, NM (NAD83) NMEZ Grid	MD Reference:	GL: 3274' + 27' KB @ 3301.00usft (Scan Texas)
Site:	Chieftain 18	North Reference:	Grid
Well:	Chieftain 18 State Com #302H	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	3.49	301.30	4,893.35	114.30	-188.02	-187.18	0.00	0.00	0.00
5,000.00	3.49	301.30	4,993.16	117.47	-193.23	-192.36	0.00	0.00	0.00
5,100.00	3.49	301.30	5,092.98	120.63	-198.43	-197.54	0.00	0.00	0.00
5,200.00	3.49	301.30	5,192.79	123.79	-203.64	-202.72	0.00	0.00	0.00
5,300.00	3.49	301.30	5,292.60	126.96	-208.84	-207.90	0.00	0.00	0.00
5,400.00	3.49	301.30	5,392.42	130.12	-214.04	-213.08	0.00	0.00	0.00
5,500.00	3.49	301.30	5,492.23	133.28	-219.25	-218.27	0.00	0.00	0.00
5,600.00	3.49	301.30	5,592.05	136.45	-224.45	-223.45	0.00	0.00	0.00
5,700.00	3.49	301.30	5,691.86	139.61	-229.66	-228.63	0.00	0.00	0.00
5,800.00	3.49	301.30	5,791.68	142.78	-234.86	-233.81	0.00	0.00	0.00
5,900.00	3.49	301.30	5,891.49	145.94	-240.07	-238.99	0.00	0.00	0.00
6,000.00	3.49	301.30	5,991.30	149.10	-245.27	-244.17	0.00	0.00	0.00
6,100.00	3.49	301.30	6,091.12	152.27	-250.48	-249.35	0.00	0.00	0.00
6,200.00	3.49	301.30	6,190.93	155.43	-255.68	-254.53	0.00	0.00	0.00
6,300.00	3.49	301.30	6,290.75	158.60	-260.88	-259.71	0.00	0.00	0.00
6,400.00	3.49	301.30	6,390.56	161.76	-266.09	-264.90	0.00	0.00	0.00
6,500.00	3.49	301.30	6,490.38	164.92	-271.29	-270.08	0.00	0.00	0.00
6,600.00	3.49	301.30	6,590.19	168.09	-276.50	-275.26	0.00	0.00	0.00
6,700.00	3.49	301.30	6,690.01	171.25	-281.70	-280.44	0.00	0.00	0.00
6,800.00	3.49	301.30	6,789.82	174.41	-286.91	-285.62	0.00	0.00	0.00
6,900.00	3.49	301.30	6,889.63	177.58	-292.11	-290.80	0.00	0.00	0.00
7,000.00	3.49	301.30	6,989.45	180.74	-297.32	-295.98	0.00	0.00	0.00
7,100.00	3.49	301.30	7,089.26	183.91	-302.52	-301.16	0.00	0.00	0.00
7,178.37	3.49	301.30	7,167.48	186.39	-306.60	-305.22	0.00	0.00	0.00
KOP, Begin 10.00°/100° Build & Turn									
7,200.00	2.00	335.84	7,189.09	187.07	-307.32	-305.94	10.00	-6.88	159.68
7,250.00	4.57	66.08	7,239.03	188.68	-305.85	-304.46	10.00	5.14	180.47
7,300.00	9.37	78.48	7,288.65	190.30	-300.04	-298.63	10.00	9.59	24.80
7,350.00	14.31	82.45	7,337.57	191.93	-289.92	-288.50	10.00	9.87	7.95
7,400.00	19.27	84.41	7,385.42	193.54	-275.57	-274.14	10.00	9.94	3.92
7,450.00	24.26	85.59	7,431.85	195.14	-257.11	-255.67	10.00	9.96	2.36
7,500.00	29.24	86.38	7,476.48	196.70	-234.66	-233.21	10.00	9.97	1.59
7,550.00	34.23	86.96	7,518.99	198.22	-208.41	-206.95	10.00	9.98	1.16
7,600.00	39.23	87.41	7,559.05	199.68	-178.56	-177.09	10.00	9.99	0.90
7,650.00	44.22	87.78	7,596.36	201.07	-145.32	-143.84	10.00	9.99	0.72
7,700.00	49.22	88.08	7,630.62	202.38	-108.95	-107.47	10.00	9.99	0.61
7,750.00	54.21	88.34	7,661.59	203.60	-69.74	-68.24	10.00	9.99	0.52
7,800.00	59.21	88.57	7,689.03	204.73	-27.97	-26.47	10.00	9.99	0.46
7,850.00	64.21	88.77	7,712.72	205.75	16.03	17.54	10.00	9.99	0.41
7,900.00	69.20	88.96	7,732.49	206.65	61.93	63.44	10.00	9.99	0.38
7,950.00	74.20	89.14	7,748.18	207.43	109.38	110.90	10.00	9.99	0.36
8,000.00	79.20	89.31	7,759.68	208.09	158.02	159.54	10.00	9.99	0.34
8,050.00	84.19	89.47	7,766.90	208.62	207.47	209.00	10.00	9.99	0.33
8,082.88	87.48	89.58	7,769.29	208.89	240.26	241.79	10.00	9.99	0.32
LP, Begin 87.48° Lateral									
8,100.00	87.48	89.58	7,770.04	209.01	257.37	258.89	0.00	0.00	0.00
8,200.00	87.48	89.58	7,774.44	209.74	357.27	358.79	0.00	0.00	0.00
8,300.00	87.48	89.58	7,778.84	210.48	457.17	458.70	0.00	0.00	0.00
8,400.00	87.48	89.58	7,783.23	211.21	557.07	558.60	0.00	0.00	0.00
8,485.68	87.48	89.58	7,787.00	211.84	642.66	644.20	0.00	0.00	0.00
Begin 2.00°/100° Drop									
8,500.00	87.19	89.58	7,787.67	211.94	656.97	658.50	2.00	-2.00	0.01



Stryker Directional Planning Report



Database:	EDM5000	Local Co-ordinate Reference:	Well Chieftain 18 State Com #302H
Company:	Tascosa Energy Partners	TVD Reference:	GL: 3274' + 27' KB @ 3301.00usft (Scan Texas)
Project:	Eddy County, NM (NAD83) NMEZ Grid	MD Reference:	GL: 3274' + 27' KB @ 3301.00usft (Scan Texas)
Site:	Chieftain 18	North Reference:	Grid
Well:	Chieftain 18 State Com #302H	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)
8,515.09	86.89	89.58	7,788.44	212.05	672.03	673.57	2.00	-2.00	0.01
Hold 86.89° Inc									
8,600.00	86.89	89.58	7,793.05	212.67	756.82	758.36	0.00	0.00	0.00
8,700.00	86.89	89.58	7,798.47	213.40	856.67	858.21	0.00	0.00	0.00
8,800.00	86.89	89.58	7,803.89	214.13	956.52	958.06	0.00	0.00	0.00
8,900.00	86.89	89.58	7,809.31	214.85	1,056.37	1,057.92	0.00	0.00	0.00
8,986.42	86.89	89.58	7,814.00	215.48	1,142.66	1,144.21	0.00	0.00	0.00
Begin 2.00°/100' Build									
9,000.00	87.16	89.58	7,814.70	215.58	1,156.22	1,157.77	2.00	2.00	0.00
9,068.35	88.53	89.58	7,817.27	216.08	1,224.52	1,226.07	2.00	2.00	0.00
Hold 88.53° Inc									
9,100.00	88.53	89.58	7,818.08	216.31	1,256.16	1,257.71	0.00	0.00	0.00
9,200.00	88.53	89.58	7,820.65	217.04	1,356.12	1,357.68	0.00	0.00	0.00
9,300.00	88.53	89.58	7,823.21	217.77	1,456.09	1,457.64	0.00	0.00	0.00
9,400.00	88.53	89.58	7,825.78	218.50	1,556.05	1,557.61	0.00	0.00	0.00
9,486.64	88.53	89.58	7,828.00	219.13	1,642.66	1,644.22	0.00	0.00	0.00
Begin 2.00°/100' Build									
9,491.40	88.63	89.58	7,828.12	219.17	1,647.42	1,648.99	2.00	2.00	0.00
Hold 88.63° Inc									
9,500.00	88.63	89.58	7,828.32	219.23	1,656.02	1,657.58	0.00	0.00	0.00
9,600.00	88.63	89.58	7,830.72	219.96	1,755.98	1,757.55	0.00	0.00	0.00
9,700.00	88.63	89.58	7,833.12	220.69	1,855.95	1,857.52	0.00	0.00	0.00
9,800.00	88.63	89.58	7,835.52	221.42	1,955.92	1,957.49	0.00	0.00	0.00
9,900.00	88.63	89.58	7,837.92	222.15	2,055.89	2,057.46	0.00	0.00	0.00
9,986.80	88.63	89.58	7,840.00	222.78	2,142.66	2,144.24	0.00	0.00	0.00
Begin 2.00°/100' Drop									
9,992.58	88.51	89.58	7,840.14	222.82	2,148.44	2,150.02	2.00	-2.00	0.00
Hold 88.51° Inc									
10,000.00	88.51	89.58	7,840.34	222.88	2,155.86	2,157.43	0.00	0.00	0.00
10,100.00	88.51	89.58	7,842.94	223.61	2,255.82	2,257.40	0.00	0.00	0.00
10,200.00	88.51	89.58	7,845.54	224.34	2,355.79	2,357.37	0.00	0.00	0.00
10,300.00	88.51	89.58	7,848.14	225.07	2,455.75	2,457.33	0.00	0.00	0.00
10,400.00	88.51	89.58	7,850.74	225.80	2,555.71	2,557.30	0.00	0.00	0.00
10,486.98	88.51	89.58	7,853.00	226.43	2,642.66	2,644.25	0.00	0.00	0.00
Begin 2.00°/100' Drop									
10,492.70	88.40	89.58	7,853.15	226.47	2,648.38	2,649.97	2.00	-2.00	0.00
Hold 88.40° Inc									
10,500.00	88.40	89.58	7,853.36	226.53	2,655.68	2,657.26	0.00	0.00	0.00
10,600.00	88.40	89.58	7,856.16	227.26	2,755.63	2,757.23	0.00	0.00	0.00
10,700.00	88.40	89.58	7,858.96	227.99	2,855.59	2,857.19	0.00	0.00	0.00
10,800.00	88.40	89.58	7,861.76	228.72	2,955.55	2,957.15	0.00	0.00	0.00
10,900.00	88.40	89.58	7,864.56	229.44	3,055.51	3,057.11	0.00	0.00	0.00
10,987.19	88.40	89.58	7,867.00	230.08	3,142.66	3,144.26	0.00	0.00	0.00
Begin 2.00°/100' Build									
10,998.81	88.63	89.58	7,867.30	230.17	3,154.27	3,155.88	2.00	2.00	0.00
Hold 88.63° Inc									
11,000.00	88.63	89.58	7,867.33	230.17	3,155.47	3,157.07	0.00	0.00	0.00
11,100.00	88.63	89.58	7,869.73	230.90	3,255.44	3,257.04	0.00	0.00	0.00
11,200.00	88.63	89.58	7,872.12	231.63	3,355.40	3,357.01	0.00	0.00	0.00
11,300.00	88.63	89.58	7,874.51	232.36	3,455.37	3,456.98	0.00	0.00	0.00
11,400.00	88.63	89.58	7,876.91	233.09	3,555.34	3,556.95	0.00	0.00	0.00



Stryker Directional Planning Report



Database:	EDM5000	Local Co-ordinate Reference:	Well Chieftain 18 State Com #302H
Company:	Tascosa Energy Partners	TVD Reference:	GL: 3274' + 27' KB @ 3301.00usft (Scan Texas)
Project:	Eddy County, NM (NAD83) NMEZ Grid	MD Reference:	GL: 3274' + 27' KB @ 3301.00usft (Scan Texas)
Site:	Chieftain 18	North Reference:	Grid
Well:	Chieftain 18 State Com #302H	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)
11,487.35	88.63	89.58	7,879.00	233.73	3,642.66	3,644.28	0.00	0.00	0.00
Begin 2.00°/100' Build									
11,498.77	88.86	89.58	7,879.25	233.81	3,654.08	3,655.70	2.00	2.00	0.00
Hold 88.86° Inc									
11,500.00	88.86	89.58	7,879.28	233.82	3,655.31	3,656.93	0.00	0.00	0.00
11,600.00	88.86	89.58	7,881.27	234.55	3,755.29	3,756.91	0.00	0.00	0.00
11,700.00	88.86	89.58	7,883.27	235.28	3,855.27	3,856.89	0.00	0.00	0.00
11,800.00	88.86	89.58	7,885.26	236.01	3,955.24	3,956.87	0.00	0.00	0.00
11,900.00	88.86	89.58	7,887.26	236.74	4,055.22	4,056.85	0.00	0.00	0.00
11,987.46	88.86	89.58	7,889.00	237.38	4,142.66	4,144.29	0.00	0.00	0.00
Cont. Hold 88.86° Inc									
12,000.00	88.86	89.58	7,889.25	237.47	4,155.20	4,156.83	0.00	0.00	0.00
12,100.00	88.86	89.58	7,891.25	238.20	4,255.18	4,256.81	0.00	0.00	0.00
12,200.00	88.86	89.58	7,893.24	238.93	4,355.15	4,356.79	0.00	0.00	0.00
12,300.00	88.86	89.58	7,895.24	239.66	4,455.13	4,456.77	0.00	0.00	0.00
12,400.00	88.86	89.58	7,897.23	240.39	4,555.11	4,556.75	0.00	0.00	0.00
12,487.57	88.86	89.58	7,898.98	241.03	4,642.66	4,644.30	0.00	0.00	0.00
Begin 2.00°/100' Build									
12,498.90	89.08	89.58	7,899.18	241.11	4,653.99	4,655.63	2.00	2.00	0.00
Hold 89.08° Inc									
12,500.00	89.08	89.58	7,899.20	241.12	4,655.09	4,656.73	0.00	0.00	0.00
12,600.00	89.08	89.58	7,900.80	241.85	4,755.07	4,756.72	0.00	0.00	0.00
12,659.18	89.08	89.58	7,901.74	242.28	4,814.24	4,815.89	0.00	0.00	0.00
PBHL									



Stryker Directional Planning Report



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Company:	Tascosa Energy Partners	TVD Reference:	GL: 3274' + 27' KB @ 3301.00usft (Scan Texas)
Project:	Eddy County, NM (NAD83) NMEZ Grid	MD Reference:	GL: 3274' + 27' KB @ 3301.00usft (Scan Texas)
Site:	Chieftain 18	North Reference:	Grid
Well:	Chieftain 18 State Com #302H	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
KOP - Chieftain 18 St: - plan misses target center by 19.07usft at 7178.81usft MD (7167.92 TVD, 186.40 N, -306.62 E) - Point	0.00	0.01	7,167.48	204.94	-302.16	539,971.86	539,024.18	32.484445	-104.340836
FTP - Chieftain 18 St: - plan misses target center by 10.13usft at 7450.18usft MD (7432.01 TVD, 195.15 N, -257.03 E) - Point	0.00	0.01	7,431.72	205.27	-257.16	539,972.19	539,069.18	32.484446	-104.340690
T1 (0' FWL) - Chieftain - plan misses target center by 252.11usft at 7614.82usft MD (7570.41 TVD, 200.10 N, -169.05 E) - Point	0.00	0.01	7,738.00	204.54	-357.34	539,971.46	538,969.00	32.484444	-104.341015
T2 (500' FWL) - Chieftain - plan misses target center by 8.28usft at 7986.28usft MD (7756.95 TVD, 207.92 N, 144.57 E) - Point	0.00	0.01	7,765.00	208.19	142.66	539,975.11	539,469.00	32.484454	-104.339393
T3 (1000' FWL) - Chieftain - plan hits target center - Point	0.00	0.01	7,787.00	211.84	642.66	539,978.76	539,969.00	32.484464	-104.337772
T4 (1500' FWL) - Chieftain - plan hits target center - Point	0.00	0.01	7,814.00	215.48	1,142.66	539,982.41	540,469.00	32.484474	-104.336150
T5 (2000' FWL) - Chieftain - plan hits target center - Point	0.00	0.01	7,828.00	219.13	1,642.66	539,986.06	540,969.00	32.484484	-104.334529
T6 (2500' FWL) - Chieftain - plan hits target center - Point	0.00	0.01	7,840.00	222.78	2,142.66	539,989.70	541,469.00	32.484494	-104.332907
T7 (3000' FWL) - Chieftain - plan hits target center - Point	0.00	0.01	7,853.00	226.43	2,642.66	539,993.35	541,969.00	32.484504	-104.331286
T8 (3500' FWL) - Chieftain - plan hits target center - Point	0.00	0.01	7,867.00	230.08	3,142.66	539,997.00	542,469.00	32.484514	-104.329664
T9 (4000' FWL) - Chieftain - plan hits target center - Point	0.00	0.01	7,879.00	233.73	3,642.66	540,000.65	542,969.00	32.484524	-104.328042
T10 (4500' FWL) - Chieftain - plan hits target center - Point	0.00	0.01	7,889.00	237.38	4,142.66	540,004.30	543,469.00	32.484534	-104.326421
T11 (5000' FWL) - Chieftain - plan misses target center by 0.02usft at 12487.57usft MD (7898.98 TVD, 241.03 N, 4642.66 E) - Point	0.00	0.01	7,899.00	241.03	4,642.66	540,007.95	543,969.00	32.484544	-104.324799
PBHL - Chieftain 18 S - plan hits target center - Point	0.00	0.01	7,901.74	242.28	4,814.24	540,009.20	544,140.58	32.484547	-104.324243



Stryker Directional Planning Report



Database:	EDM5000	Local Co-ordinate Reference:	Well Chieftain 18 State Com #302H
Company:	Tascosa Energy Partners	TVD Reference:	GL: 3274' + 27' KB @ 3301.00usft (Scan Texas)
Project:	Eddy County, NM (NAD83) NMEZ Grid	MD Reference:	GL: 3274' + 27' KB @ 3301.00usft (Scan Texas)
Site:	Chieftain 18	North Reference:	Grid
Well:	Chieftain 18 State Com #302H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
7,916.12	7,738.00	Formation 1		0.00	
8,033.52	7,765.00	Formation 2		0.00	
8,485.68	7,787.00	Formation 3		0.00	
8,986.42	7,814.00	Formation 4		0.00	
9,486.64	7,828.00	Formation 5		0.00	
9,986.80	7,840.00	Formation 6		0.00	
10,486.98	7,853.00	Formation 7		0.00	
10,987.19	7,867.00	Formation 8		0.00	
11,487.35	7,879.00	Formation 9		0.00	
11,987.46	7,889.00	Formation 10		0.00	
12,488.73	7,899.00	Formation 11		0.00	

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
1,374.59	1,374.48	2.76	-4.54	Begin 3.49° Tangent
7,178.37	7,167.48	186.39	-306.60	KOP, Begin 10.00°/100' Build & Turn
8,082.88	7,769.29	208.89	240.26	LP, Begin 87.48° Lateral
8,485.68	7,787.00	211.84	642.66	Begin 2.00°/100' Drop
8,515.09	7,788.44	212.05	672.03	Hold 86.89° Inc
8,986.42	7,814.00	215.48	1,142.66	Begin 2.00°/100' Build
9,068.35	7,817.27	216.08	1,224.52	Hold 88.53° Inc
9,486.64	7,828.00	219.13	1,642.66	Begin 2.00°/100' Build
9,491.40	7,828.12	219.17	1,647.42	Hold 88.63° Inc
9,986.80	7,840.00	222.78	2,142.66	Begin 2.00°/100' Drop
9,992.58	7,840.14	222.82	2,148.44	Hold 88.51° Inc
10,486.98	7,853.00	226.43	2,642.66	Begin 2.00°/100' Drop
10,492.70	7,853.15	226.47	2,648.38	Hold 88.40° Inc
10,987.19	7,867.00	230.08	3,142.66	Begin 2.00°/100' Build
10,998.81	7,867.30	230.17	3,154.27	Hold 88.63° Inc
11,487.35	7,879.00	233.73	3,642.66	Begin 2.00°/100' Build
11,498.77	7,879.25	233.81	3,654.08	Hold 88.86° Inc
11,987.46	7,889.00	237.38	4,142.66	Cont. Hold 88.86° Inc
12,487.57	7,898.98	241.03	4,642.66	Begin 2.00°/100' Build
12,498.90	7,899.18	241.11	4,653.99	Hold 89.08° Inc
12,659.18	7,901.74	242.28	4,814.24	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 322463

CONDITIONS

Operator: Tascosa Energy Partners, L.L.C 901 W. Missouri Ave Midland, TX 79701	OGRID: 329748
	Action Number: 322463
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

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