

Submit 1 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

WELL API NO. 30-025-51130
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B015650012
7. Lease Name or Unit Agreement Name State 9 16
8. Well Number 004H
9. OGRID Number 329818
10. Pool name or Wildcat WC-025 G-09 S173615C; UPPER PENN

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.)	
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐	
2. Name of Operator Texas Standard Operating NM, LLC	
3. Address of Operator 3300 North A Street, Midland, TX 79705	
4. Well Location Unit Letter C 1295 feet from the North line and 660 feet from the West line Section 21 Township 17S Range 36E NMPM County Lea	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3873	

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.

Request to move the Surface Hole Location from 1295' FNL & 660' FWL, Section 21, T 17S, R 36E to 450' FSL & 660' FWL, Section 16, T 17S, R 36E

Please see revised C102 plat and directional plan attached.

Spud Date:		Rig Release Date:	
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I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  DATE 3/12/24

Type or print name _____ Cory Walk _____ E-mail address: _____ cory@permitswest.com _____ PHONE: _____ 505-466-8120 _____

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

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
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

¹ API Number 30-025-51130		² Pool Code 98333		³ Pool Name WC-025 G-09 S173615C; UPPER PENN					
⁴ Property Code 333773		⁵ Property Name STATE 9/16						⁶ Well Number 4H	
⁷ OGRID NO. 329818		⁸ Operator Name TEXAS STANDARD OPERATING NM LLC						⁹ Elevation 3873'	
¹⁰ Surface Location									
UL or lot no. M	Section 16	Township 17S	Range 36E	Lot Idn	Feet from the 450	North/South line SOUTH	Feet From the 660	East/West line WEST	County LEA
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. L	Section 9	Township 17S	Range 36E	Lot Idn	Feet from the 2546	North/South line SOUTH	Feet from the 330	East/West line WEST	County LEA
¹² Dedicated Acres 240		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

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

GEODETIC DATA
NAD 83 GRID — NM EAST

SURFACE LOCATION (SL)
N: 666638.6 — E: 838451.0

LAT: 32.8288786° N
LONG: 103.3660820° W

FIRST TAKE POINT (FTP)
100' FSL — 330' FWL (SEC.16)
N: 666283.9 — E: 838125.0

LAT: 32.8279119° N
LONG: 103.3671537° W

LAST TAKE POINT (LTP) & BOTTOM HOLE (BH)
2546' FSL — 330' FWL (SEC.9)
N: 674017.9 — E: 838040.6

LAT: 32.8491691° N
LONG: 103.3671985° W

CORNER DATA
NAD 83 GRID — NM EAST

A: FOUND 3/4"X1"X3"
LIMESTONE ROCK
N: 666179.1 — E: 837796.3

B: FOUND 3" POST
N: 671469.6 — E: 837736.9

C: FOUND 1/2" REBAR
N: 674112.6 — E: 837709.6

D: FOUND 1/2" REBAR
N: 676757.6 — E: 837683.6

E: FOUND 1/2" REBAR
W/ALUMINUM CAP "PIPER SURVEYING"
N: 676797.0 — E: 840330.4

F: FOUND NAIL
N: 676847.9 — E: 842973.0

G: FOUND NAIL & WASHER
"ILLEGIBLE"
N: 671545.6 — E: 843025.1

H: CALCULATED CORNER
N: 666250.0 — E: 843085.8

I: FOUND 10"X3"X6"
LIMESTONE ROCK
N: 666217.6 — E: 840442.9

J: FOUND 6" POST
N: 671491.1 — E: 840380.2

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: Cory Walk Date: 3-12-24

Printed Name: Cory Walk

E-mail Address: cory@permitswest.com

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: 02/21/2024

Signature and Seal of Professional Surveyor: DALE E. BELL

14400

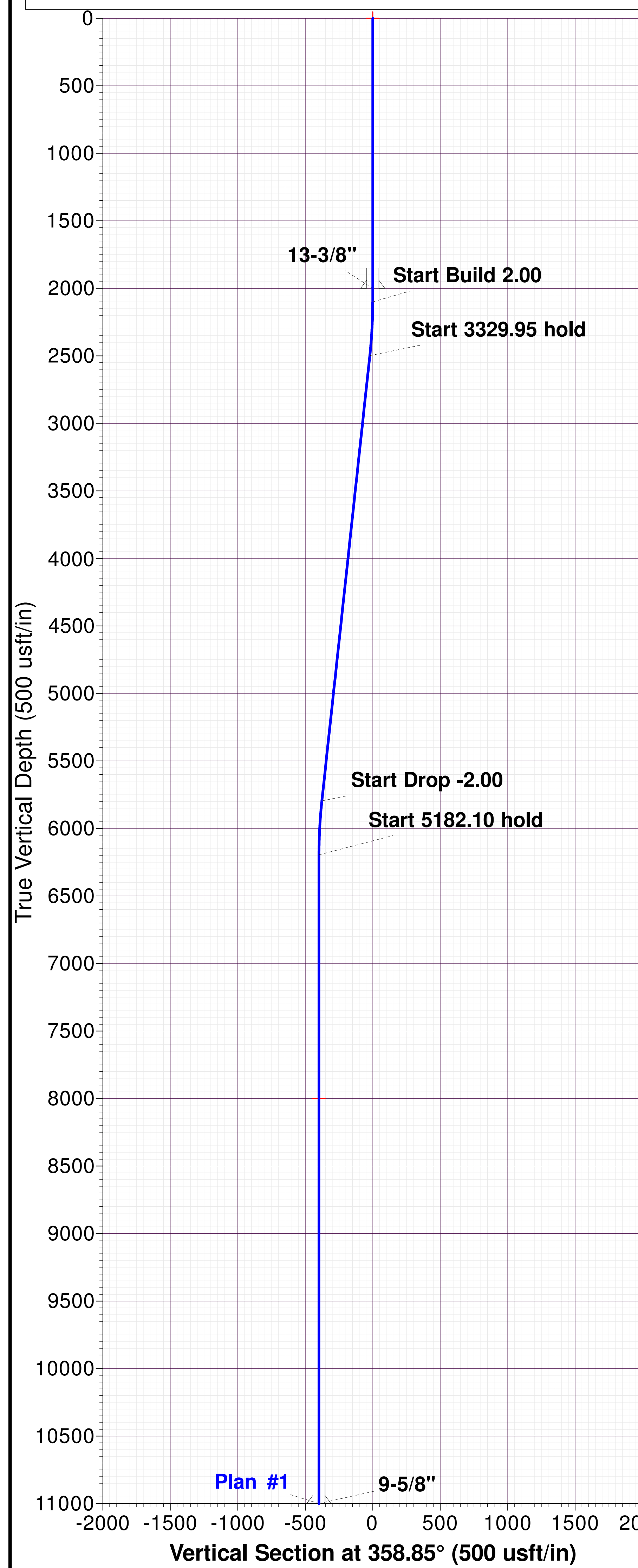
Certificate Number: 14400

REV: SL MOVE — 02/21/2024

TEXAS STANDARD OIL

LLC

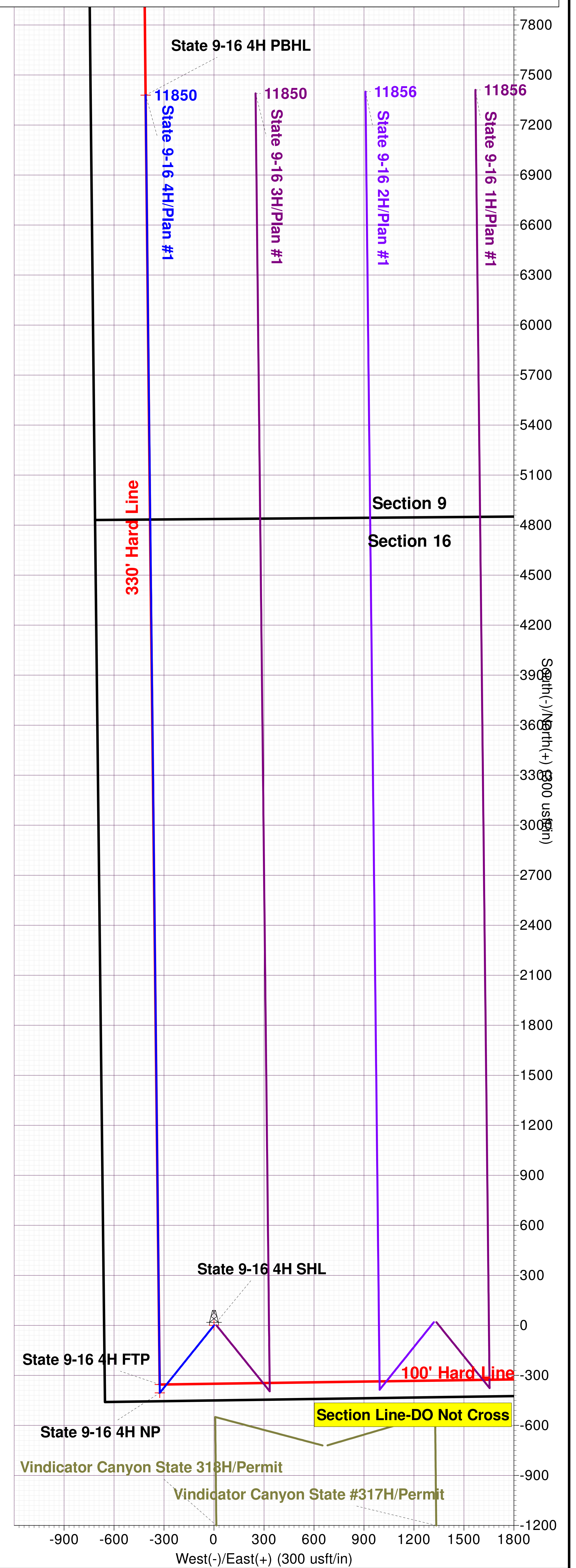
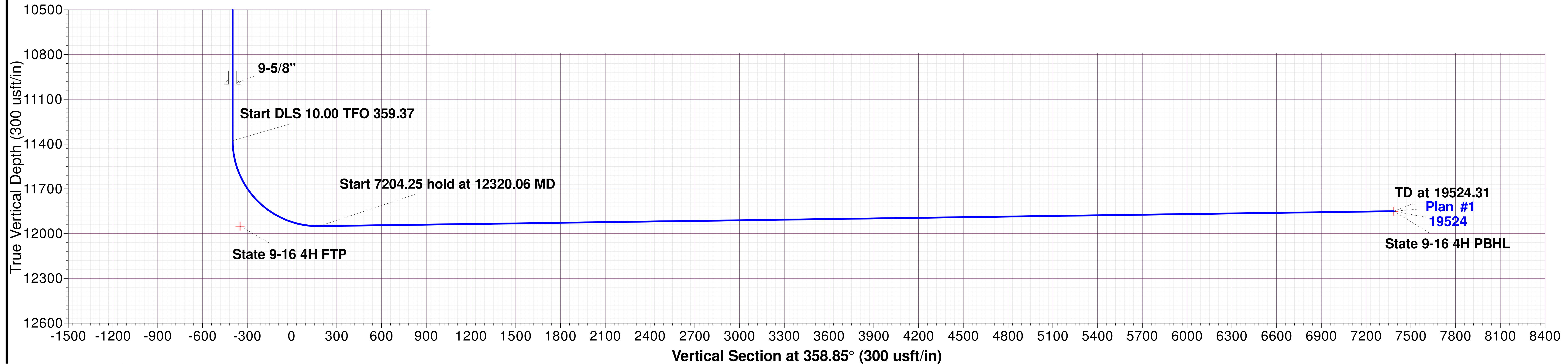
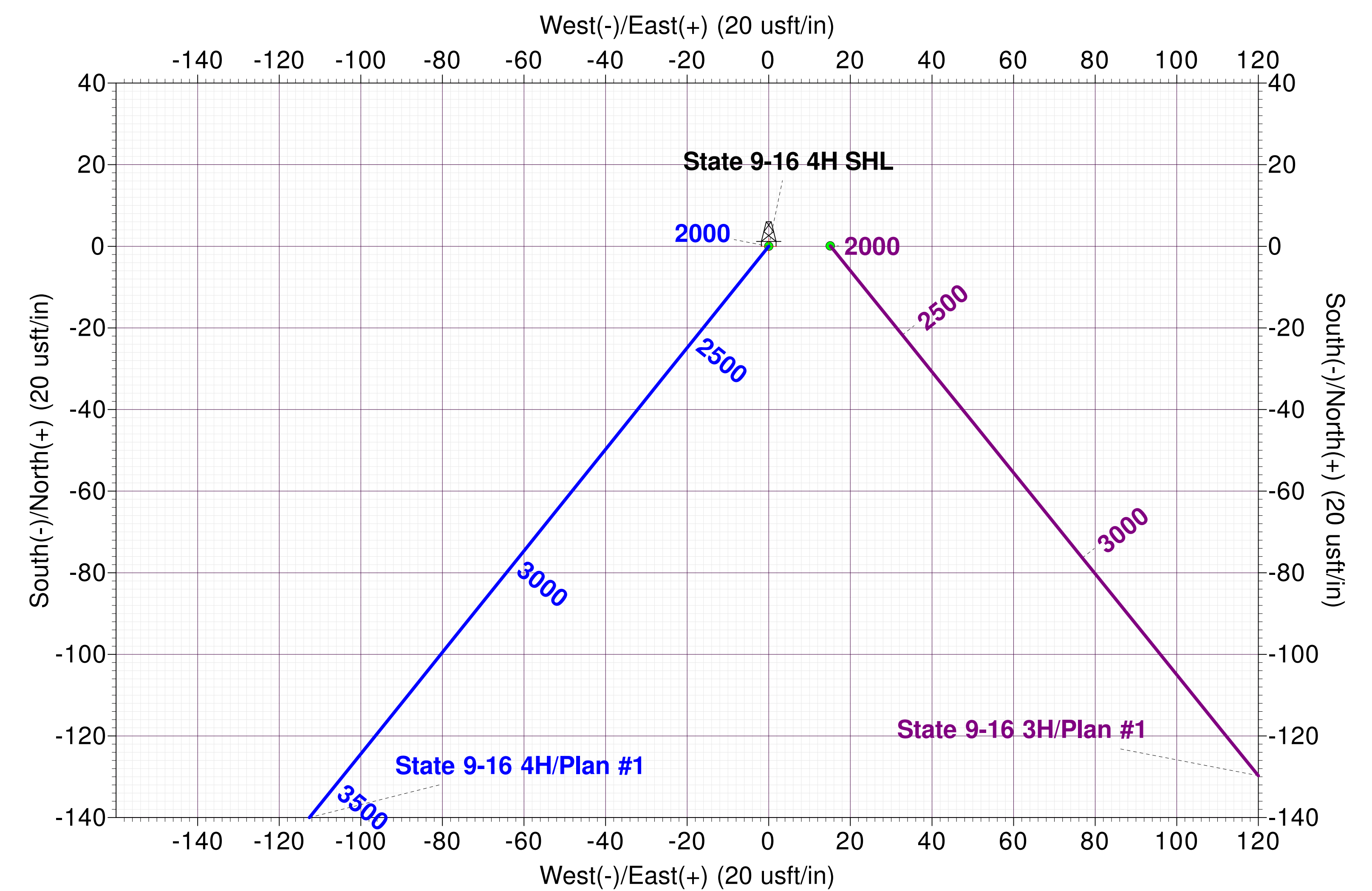
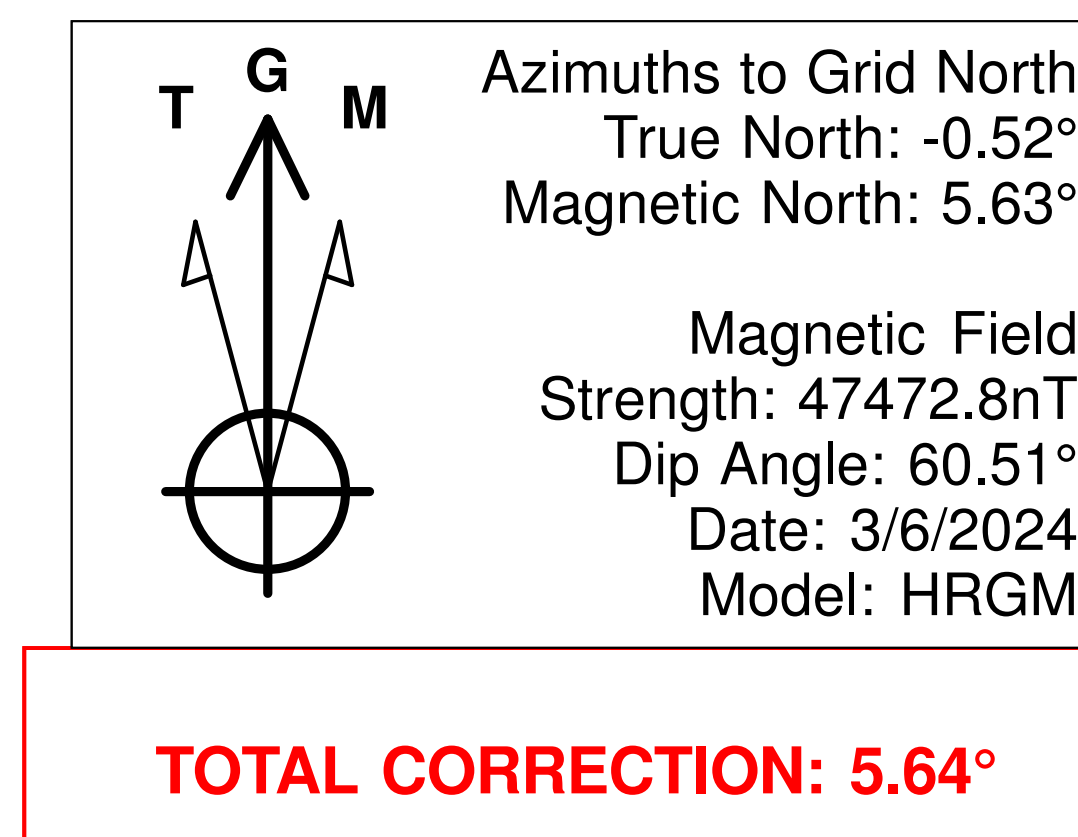
County: Lea County, NM (NAD 83)
Site: State 9-16 Pad - West
Well: State 9-16 4H
Depth Reference: 3873+25 @ 3898.00usft (TBD)
Rig: TBD
Plan: Plan #1
Job #: Prelim



SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	2100.00	0.00	0.00	2100.00	0.00	0.00	0.00	0.00	0.00	Start Build 2.00
3	2500.03	8.00	218.79	2498.73	-21.73	-17.47	2.00	218.79	-21.38	Start 3329.95 hold at 2500.03 MD
4	5829.98	8.00	218.79	5796.27	-382.97	-307.84	0.00	0.00	-376.72	Start Drop -2.00
5	6230.01	0.00	359.48	6195.00	-404.70	-325.31	2.00	180.00	-398.09	Start 5182.10 hold at 6230.01 MD
6	11412.11	0.00	359.48	11377.10	-404.70	-325.31	0.00	359.48	-398.09	Start DLS 10.00 TFO 359.37
7	12320.06	90.80	359.37	11950.00	176.17	-331.66	10.00	359.37	182.79	Start 7204.25 hold at 12320.06 MD
8	19524.31	90.80	359.37	11850.00	7379.30	-410.40	0.00	0.00	7386.05	TD at 19524.31

DESIGN TARGETS DETAILS										
	Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude		
	State 9-16 4H SHL	0.00	0.00	0.00	666638.60	838451.00	32.828879	-103.366082		
	State 9-16 4H NP	8000.00	-404.70	-325.31	666233.90	838125.69	32.827775	-103.367153		
	State 9-16 4H PBHL	11850.00	7379.30	-410.40	674017.90	838040.60	32.849169	-103.367198		
	State 9-16 4H FTP	11950.00	-354.70	-326.00	666283.90	838125.00	32.827912	-103.367154		

CASING DETAILS			
TVD	MD	Name	Size
2000.00	2000.00	13-3/8"	13-3/8
11000.00	11035.01	9-5/8"	9-5/8



Texas Standard Oil LLC

Lea County, NM (NAD 83)

State 9-16 Pad - West

State 9-16 4H

OH

Plan: Plan #1

Standard Planning Report

07 March, 2024

SDT
Planning Report

Database:	EDM 5000 Multi User Db	Local Co-ordinate Reference:	Well State 9-16 4H
Company:	Texas Standard Oil LLC	TVD Reference:	3873+25 @ 3898.00usft (TBD)
Project:	Lea County, NM (NAD 83)	MD Reference:	3873+25 @ 3898.00usft (TBD)
Site:	State 9-16 Pad - West	North Reference:	Grid
Well:	State 9-16 4H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Project	Lea County, NM (NAD 83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site		State 9-16 Pad - West			
Site Position:		Northing:	666,658.00 usft	Latitude:	32.828898
From:	Map	Easting:	839,785.60 usft	Longitude:	-103.361738
Position Uncertainty:	3.28 usft	Slot Radius:	13-3/16 "		

Well	State 9-16 4H					
Well Position	+N/-S	0.00 usft	Northing:	666,638.60 usft	Latitude:	32.828879
	+E/-W	0.00 usft	Easting:	838,451.00 usft	Longitude:	-103.366082
Position Uncertainty		3.28 usft	Wellhead Elevation:	usft	Ground Level:	3,873.00 usft
Grid Convergence:		0.52 °				

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HRGM	3/6/2024	6.16	60.51	47,472.82985171

Design	Plan #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	358.85	

Plan Survey Tool Program	Date	3/7/2024			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.00	19,524.31 Plan #1 (OH)	B001Mb_MWD+HRGM	OWSG MWD + HRGM	

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	
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,500.03	8.00	218.79	2,498.73	-21.73	-17.47	2.00	2.00	0.00	218.79	
5,829.98	8.00	218.79	5,796.27	-382.97	-307.84	0.00	0.00	0.00	0.00	
6,230.01	0.00	359.48	6,195.00	-404.70	-325.31	2.00	-2.00	0.00	180.00	
11,412.11	0.00	359.48	11,377.10	-404.70	-325.31	0.00	0.00	0.00	359.48	
12,320.06	90.80	359.37	11,950.00	176.17	-331.66	10.00	10.00	-0.01	359.37	
19,524.31	90.80	359.37	11,850.00	7,379.30	-410.40	0.00	0.00	0.00	0.00	State 9-16 4H PBHL

SDT
Planning Report

Database:	EDM 5000 Multi User Db	Local Co-ordinate Reference:	Well State 9-16 4H
Company:	Texas Standard Oil LLC	TVD Reference:	3873+25 @ 3898.00usft (TBD)
Project:	Lea County, NM (NAD 83)	MD Reference:	3873+25 @ 3898.00usft (TBD)
Site:	State 9-16 Pad - West	North Reference:	Grid
Well:	State 9-16 4H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #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
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 2.00									
2,200.00	2.00	218.79	2,199.98	-1.36	-1.09	-1.34	2.00	2.00	0.00
2,300.00	4.00	218.79	2,299.84	-5.44	-4.37	-5.35	2.00	2.00	0.00
2,400.00	6.00	218.79	2,399.45	-12.23	-9.83	-12.03	2.00	2.00	0.00
2,500.03	8.00	218.79	2,498.73	-21.73	-17.47	-21.38	2.00	2.00	0.00
Start 3329.95 hold at 2500.03 MD									
2,600.00	8.00	218.79	2,597.73	-32.58	-26.19	-32.05	0.00	0.00	0.00
2,700.00	8.00	218.79	2,696.75	-43.43	-34.91	-42.72	0.00	0.00	0.00
2,800.00	8.00	218.79	2,795.78	-54.27	-43.63	-53.39	0.00	0.00	0.00
2,900.00	8.00	218.79	2,894.81	-65.12	-52.35	-64.06	0.00	0.00	0.00
3,000.00	8.00	218.79	2,993.83	-75.97	-61.07	-74.73	0.00	0.00	0.00
3,100.00	8.00	218.79	3,092.86	-86.82	-69.79	-85.40	0.00	0.00	0.00
3,200.00	8.00	218.79	3,191.89	-97.67	-78.51	-96.07	0.00	0.00	0.00
3,300.00	8.00	218.79	3,290.91	-108.51	-87.23	-106.74	0.00	0.00	0.00
3,400.00	8.00	218.79	3,389.94	-119.36	-95.95	-117.41	0.00	0.00	0.00
3,500.00	8.00	218.79	3,488.97	-130.21	-104.67	-128.08	0.00	0.00	0.00
3,600.00	8.00	218.79	3,587.99	-141.06	-113.39	-138.76	0.00	0.00	0.00
3,700.00	8.00	218.79	3,687.02	-151.91	-122.11	-149.43	0.00	0.00	0.00
3,800.00	8.00	218.79	3,786.05	-162.76	-130.83	-160.10	0.00	0.00	0.00
3,900.00	8.00	218.79	3,885.07	-173.60	-139.55	-170.77	0.00	0.00	0.00
4,000.00	8.00	218.79	3,984.10	-184.45	-148.27	-181.44	0.00	0.00	0.00
4,100.00	8.00	218.79	4,083.13	-195.30	-156.99	-192.11	0.00	0.00	0.00
4,200.00	8.00	218.79	4,182.16	-206.15	-165.71	-202.78	0.00	0.00	0.00
4,300.00	8.00	218.79	4,281.18	-217.00	-174.43	-213.45	0.00	0.00	0.00
4,400.00	8.00	218.79	4,380.21	-227.84	-183.15	-224.12	0.00	0.00	0.00
4,500.00	8.00	218.79	4,479.24	-238.69	-191.87	-234.79	0.00	0.00	0.00
4,600.00	8.00	218.79	4,578.26	-249.54	-200.59	-245.47	0.00	0.00	0.00
4,700.00	8.00	218.79	4,677.29	-260.39	-209.31	-256.14	0.00	0.00	0.00
4,800.00	8.00	218.79	4,776.32	-271.24	-218.03	-266.81	0.00	0.00	0.00
4,900.00	8.00	218.79	4,875.34	-282.08	-226.75	-277.48	0.00	0.00	0.00
5,000.00	8.00	218.79	4,974.37	-292.93	-235.47	-288.15	0.00	0.00	0.00

SDT

Planning Report

Database:	EDM 5000 Multi User Db	Local Co-ordinate Reference:	Well State 9-16 4H
Company:	Texas Standard Oil LLC	TVD Reference:	3873+25 @ 3898.00usft (TBD)
Project:	Lea County, NM (NAD 83)	MD Reference:	3873+25 @ 3898.00usft (TBD)
Site:	State 9-16 Pad - West	North Reference:	Grid
Well:	State 9-16 4H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #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)
5,100.00	8.00	218.79	5,073.40	-303.78	-244.19	-298.82	0.00	0.00	0.00
5,200.00	8.00	218.79	5,172.42	-314.63	-252.91	-309.49	0.00	0.00	0.00
5,300.00	8.00	218.79	5,271.45	-325.48	-261.63	-320.16	0.00	0.00	0.00
5,400.00	8.00	218.79	5,370.48	-336.33	-270.35	-330.83	0.00	0.00	0.00
5,500.00	8.00	218.79	5,469.50	-347.17	-279.07	-341.50	0.00	0.00	0.00
5,600.00	8.00	218.79	5,568.53	-358.02	-287.79	-352.18	0.00	0.00	0.00
5,700.00	8.00	218.79	5,667.56	-368.87	-296.51	-362.85	0.00	0.00	0.00
5,800.00	8.00	218.79	5,766.58	-379.72	-305.23	-373.52	0.00	0.00	0.00
5,829.98	8.00	218.79	5,796.27	-382.97	-307.84	-376.72	0.00	0.00	0.00
Start Drop -2.00									
5,900.00	6.60	218.79	5,865.72	-389.90	-313.41	-383.54	2.00	-2.00	0.00
6,000.00	4.60	218.79	5,965.24	-397.51	-319.53	-391.02	2.00	-2.00	0.00
6,100.00	2.60	218.79	6,065.04	-402.40	-323.46	-395.83	2.00	-2.00	0.00
6,200.00	0.60	218.79	6,164.99	-404.58	-325.21	-397.97	2.00	-2.00	0.00
6,230.01	0.00	359.48	6,195.00	-404.70	-325.31	-398.09	2.00	-2.00	0.00
Start 5182.10 hold at 6230.01 MD									
6,300.00	0.00	0.00	6,264.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
6,400.00	0.00	0.00	6,364.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
6,500.00	0.00	0.00	6,464.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
6,600.00	0.00	0.00	6,564.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
6,700.00	0.00	0.00	6,664.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
6,800.00	0.00	0.00	6,764.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
6,900.00	0.00	0.00	6,864.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
7,000.00	0.00	0.00	6,964.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
7,100.00	0.00	0.00	7,064.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
7,200.00	0.00	0.00	7,164.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
7,300.00	0.00	0.00	7,264.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
7,400.00	0.00	0.00	7,364.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
7,500.00	0.00	0.00	7,464.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
7,600.00	0.00	0.00	7,564.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
7,700.00	0.00	0.00	7,664.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
7,800.00	0.00	0.00	7,764.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
7,900.00	0.00	0.00	7,864.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
8,000.00	0.00	0.00	7,964.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
8,100.00	0.00	0.00	8,064.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
8,200.00	0.00	0.00	8,164.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
8,300.00	0.00	0.00	8,264.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
8,400.00	0.00	0.00	8,364.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
8,500.00	0.00	0.00	8,464.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
8,600.00	0.00	0.00	8,564.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
8,700.00	0.00	0.00	8,664.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
8,800.00	0.00	0.00	8,764.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
8,900.00	0.00	0.00	8,864.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
9,000.00	0.00	0.00	8,964.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
9,100.00	0.00	0.00	9,064.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
9,200.00	0.00	0.00	9,164.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
9,300.00	0.00	0.00	9,264.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
9,400.00	0.00	0.00	9,364.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
9,500.00	0.00	0.00	9,464.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
9,600.00	0.00	0.00	9,564.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
9,700.00	0.00	0.00	9,664.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
9,800.00	0.00	0.00	9,764.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
9,900.00	0.00	0.00	9,864.99	-404.70	-325.31	-398.09	0.00	0.00	0.00
10,000.00	0.00	0.00	9,964.99	-404.70	-325.31	-398.09	0.00	0.00	0.00

SDT

Planning Report

Database:	EDM 5000 Multi User Db	Local Co-ordinate Reference:	Well State 9-16 4H
Company:	Texas Standard Oil LLC	TVD Reference:	3873+25 @ 3898.00usft (TBD)
Project:	Lea County, NM (NAD 83)	MD Reference:	3873+25 @ 3898.00usft (TBD)
Site:	State 9-16 Pad - West	North Reference:	Grid
Well:	State 9-16 4H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #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)	
10,100.00	0.00	0.00	10,064.99	-404.70	-325.31	-398.09	0.00	0.00	0.00	
10,200.00	0.00	0.00	10,164.99	-404.70	-325.31	-398.09	0.00	0.00	0.00	
10,300.00	0.00	0.00	10,264.99	-404.70	-325.31	-398.09	0.00	0.00	0.00	
10,400.00	0.00	0.00	10,364.99	-404.70	-325.31	-398.09	0.00	0.00	0.00	
10,500.00	0.00	0.00	10,464.99	-404.70	-325.31	-398.09	0.00	0.00	0.00	
10,600.00	0.00	0.00	10,564.99	-404.70	-325.31	-398.09	0.00	0.00	0.00	
10,700.00	0.00	0.00	10,664.99	-404.70	-325.31	-398.09	0.00	0.00	0.00	
10,800.00	0.00	0.00	10,764.99	-404.70	-325.31	-398.09	0.00	0.00	0.00	
10,900.00	0.00	0.00	10,864.99	-404.70	-325.31	-398.09	0.00	0.00	0.00	
11,000.00	0.00	0.00	10,964.99	-404.70	-325.31	-398.09	0.00	0.00	0.00	
11,100.00	0.00	0.00	11,064.99	-404.70	-325.31	-398.09	0.00	0.00	0.00	
11,200.00	0.00	0.00	11,164.99	-404.70	-325.31	-398.09	0.00	0.00	0.00	
11,300.00	0.00	0.00	11,264.99	-404.70	-325.31	-398.09	0.00	0.00	0.00	
11,400.00	0.00	0.00	11,364.99	-404.70	-325.31	-398.09	0.00	0.00	0.00	
11,412.11	0.00	0.00	11,377.10	-404.70	-325.31	-398.09	0.00	0.00	0.00	
Start DLS 10.00 TFO 359.37										
11,450.00	3.79	359.37	11,414.96	-403.45	-325.32	-396.84	10.00	10.00	0.00	
11,500.00	8.79	359.37	11,464.65	-397.98	-325.38	-391.37	10.00	10.00	0.00	
11,550.00	13.79	359.37	11,513.66	-388.19	-325.49	-381.58	10.00	10.00	0.00	
11,600.00	18.79	359.37	11,561.64	-374.17	-325.64	-367.56	10.00	10.00	0.00	
11,650.00	23.79	359.37	11,608.21	-356.03	-325.84	-349.42	10.00	10.00	0.00	
11,700.00	28.79	359.37	11,653.03	-333.89	-326.08	-327.28	10.00	10.00	0.00	
11,750.00	33.79	359.37	11,695.74	-307.93	-326.37	-301.32	10.00	10.00	0.00	
11,800.00	38.79	359.37	11,736.03	-278.35	-326.69	-271.74	10.00	10.00	0.00	
11,850.00	43.79	359.37	11,773.59	-245.37	-327.05	-238.76	10.00	10.00	0.00	
11,900.00	48.79	359.37	11,808.13	-209.24	-327.45	-202.63	10.00	10.00	0.00	
11,950.00	53.79	359.37	11,839.39	-170.24	-327.87	-163.63	10.00	10.00	0.00	
12,000.00	58.79	359.37	11,867.13	-128.66	-328.33	-122.05	10.00	10.00	0.00	
12,050.00	63.79	359.37	11,891.14	-84.83	-328.81	-78.21	10.00	10.00	0.00	
12,100.00	68.79	359.37	11,911.24	-39.06	-329.31	-32.45	10.00	10.00	0.00	
12,150.00	73.79	359.37	11,927.28	8.28	-329.82	14.89	10.00	10.00	0.00	
12,200.00	78.79	359.37	11,939.12	56.83	-330.35	63.45	10.00	10.00	0.00	
12,250.00	83.79	359.37	11,946.70	106.24	-330.89	112.85	10.00	10.00	0.00	
12,300.00	88.79	359.37	11,949.93	156.11	-331.44	162.73	10.00	10.00	0.00	
12,320.06	90.80	359.37	11,950.00	176.17	-331.66	182.79	10.00	10.00	0.00	
Start 7204.25 hold at 12320.06 MD										
12,400.00	90.80	359.37	11,948.89	256.10	-332.53	262.72	0.00	0.00	0.00	
12,500.00	90.80	359.37	11,947.51	356.08	-333.63	362.71	0.00	0.00	0.00	
12,600.00	90.80	359.37	11,946.12	456.07	-334.72	462.69	0.00	0.00	0.00	
12,700.00	90.80	359.37	11,944.73	556.05	-335.81	562.68	0.00	0.00	0.00	
12,800.00	90.80	359.37	11,943.34	656.04	-336.90	662.66	0.00	0.00	0.00	
12,900.00	90.80	359.37	11,941.95	756.02	-338.00	762.65	0.00	0.00	0.00	
13,000.00	90.80	359.37	11,940.56	856.00	-339.09	862.64	0.00	0.00	0.00	
13,100.00	90.80	359.37	11,939.18	955.99	-340.18	962.62	0.00	0.00	0.00	
13,200.00	90.80	359.37	11,937.79	1,055.97	-341.28	1,062.61	0.00	0.00	0.00	
13,300.00	90.80	359.37	11,936.40	1,155.96	-342.37	1,162.59	0.00	0.00	0.00	
13,400.00	90.80	359.37	11,935.01	1,255.94	-343.46	1,262.58	0.00	0.00	0.00	
13,500.00	90.80	359.37	11,933.62	1,355.93	-344.56	1,362.57	0.00	0.00	0.00	
13,600.00	90.80	359.37	11,932.24	1,455.91	-345.65	1,462.55	0.00	0.00	0.00	
13,700.00	90.80	359.37	11,930.85	1,555.90	-346.74	1,562.54	0.00	0.00	0.00	
13,800.00	90.80	359.37	11,929.46	1,655.88	-347.83	1,662.53	0.00	0.00	0.00	
13,900.00	90.80	359.37	11,928.07	1,755.86	-348.93	1,762.51	0.00	0.00	0.00	
14,000.00	90.80	359.37	11,926.68	1,855.85	-350.02	1,862.50	0.00	0.00	0.00	
14,100.00	90.80	359.37	11,925.30	1,955.83	-351.11	1,962.48	0.00	0.00	0.00	

SDT
Planning Report

Database:	EDM 5000 Multi User Db	Local Co-ordinate Reference:	Well State 9-16 4H
Company:	Texas Standard Oil LLC	TVD Reference:	3873+25 @ 3898.00usft (TBD)
Project:	Lea County, NM (NAD 83)	MD Reference:	3873+25 @ 3898.00usft (TBD)
Site:	State 9-16 Pad - West	North Reference:	Grid
Well:	State 9-16 4H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #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)
14,200.00	90.80	359.37	11,923.91	2,055.82	-352.21	2,062.47	0.00	0.00	0.00
14,300.00	90.80	359.37	11,922.52	2,155.80	-353.30	2,162.46	0.00	0.00	0.00
14,400.00	90.80	359.37	11,921.13	2,255.79	-354.39	2,262.44	0.00	0.00	0.00
14,500.00	90.80	359.37	11,919.74	2,355.77	-355.49	2,362.43	0.00	0.00	0.00
14,600.00	90.80	359.37	11,918.35	2,455.75	-356.58	2,462.42	0.00	0.00	0.00
14,700.00	90.80	359.37	11,916.97	2,555.74	-357.67	2,562.40	0.00	0.00	0.00
14,800.00	90.80	359.37	11,915.58	2,655.72	-358.76	2,662.39	0.00	0.00	0.00
14,900.00	90.80	359.37	11,914.19	2,755.71	-359.86	2,762.37	0.00	0.00	0.00
15,000.00	90.80	359.37	11,912.80	2,855.69	-360.95	2,862.36	0.00	0.00	0.00
15,100.00	90.80	359.37	11,911.41	2,955.68	-362.04	2,962.35	0.00	0.00	0.00
15,200.00	90.80	359.37	11,910.03	3,055.66	-363.14	3,062.33	0.00	0.00	0.00
15,300.00	90.80	359.37	11,908.64	3,155.65	-364.23	3,162.32	0.00	0.00	0.00
15,400.00	90.80	359.37	11,907.25	3,255.63	-365.32	3,262.30	0.00	0.00	0.00
15,500.00	90.80	359.37	11,905.86	3,355.61	-366.42	3,362.29	0.00	0.00	0.00
15,600.00	90.80	359.37	11,904.47	3,455.60	-367.51	3,462.28	0.00	0.00	0.00
15,700.00	90.80	359.37	11,903.09	3,555.58	-368.60	3,562.26	0.00	0.00	0.00
15,800.00	90.80	359.37	11,901.70	3,655.57	-369.69	3,662.25	0.00	0.00	0.00
15,900.00	90.80	359.37	11,900.31	3,755.55	-370.79	3,762.24	0.00	0.00	0.00
16,000.00	90.80	359.37	11,898.92	3,855.54	-371.88	3,862.22	0.00	0.00	0.00
16,100.00	90.80	359.37	11,897.53	3,955.52	-372.97	3,962.21	0.00	0.00	0.00
16,200.00	90.80	359.37	11,896.15	4,055.51	-374.07	4,062.19	0.00	0.00	0.00
16,300.00	90.80	359.37	11,894.76	4,155.49	-375.16	4,162.18	0.00	0.00	0.00
16,400.00	90.80	359.37	11,893.37	4,255.47	-376.25	4,262.17	0.00	0.00	0.00
16,500.00	90.80	359.37	11,891.98	4,355.46	-377.34	4,362.15	0.00	0.00	0.00
16,600.00	90.80	359.37	11,890.59	4,455.44	-378.44	4,462.14	0.00	0.00	0.00
16,700.00	90.80	359.37	11,889.20	4,555.43	-379.53	4,562.13	0.00	0.00	0.00
16,800.00	90.80	359.37	11,887.82	4,655.41	-380.62	4,662.11	0.00	0.00	0.00
16,900.00	90.80	359.37	11,886.43	4,755.40	-381.72	4,762.10	0.00	0.00	0.00
17,000.00	90.80	359.37	11,885.04	4,855.38	-382.81	4,862.08	0.00	0.00	0.00
17,100.00	90.80	359.37	11,883.65	4,955.36	-383.90	4,962.07	0.00	0.00	0.00
17,200.00	90.80	359.37	11,882.26	5,055.35	-385.00	5,062.06	0.00	0.00	0.00
17,300.00	90.80	359.37	11,880.88	5,155.33	-386.09	5,162.04	0.00	0.00	0.00
17,400.00	90.80	359.37	11,879.49	5,255.32	-387.18	5,262.03	0.00	0.00	0.00
17,500.00	90.80	359.37	11,878.10	5,355.30	-388.27	5,362.01	0.00	0.00	0.00
17,600.00	90.80	359.37	11,876.71	5,455.29	-389.37	5,462.00	0.00	0.00	0.00
17,700.00	90.80	359.37	11,875.32	5,555.27	-390.46	5,561.99	0.00	0.00	0.00
17,800.00	90.80	359.37	11,873.94	5,655.26	-391.55	5,661.97	0.00	0.00	0.00
17,900.00	90.80	359.37	11,872.55	5,755.24	-392.65	5,761.96	0.00	0.00	0.00
18,000.00	90.80	359.37	11,871.16	5,855.22	-393.74	5,861.95	0.00	0.00	0.00
18,100.00	90.80	359.37	11,869.77	5,955.21	-394.83	5,961.93	0.00	0.00	0.00
18,200.00	90.80	359.37	11,868.38	6,055.19	-395.93	6,061.92	0.00	0.00	0.00
18,300.00	90.80	359.37	11,867.00	6,155.18	-397.02	6,161.90	0.00	0.00	0.00
18,400.00	90.80	359.37	11,865.61	6,255.16	-398.11	6,261.89	0.00	0.00	0.00
18,500.00	90.80	359.37	11,864.22	6,355.15	-399.20	6,361.88	0.00	0.00	0.00
18,600.00	90.80	359.37	11,862.83	6,455.13	-400.30	6,461.86	0.00	0.00	0.00
18,700.00	90.80	359.37	11,861.44	6,555.12	-401.39	6,561.85	0.00	0.00	0.00
18,800.00	90.80	359.37	11,860.05	6,655.10	-402.48	6,661.84	0.00	0.00	0.00
18,900.00	90.80	359.37	11,858.67	6,755.08	-403.58	6,761.82	0.00	0.00	0.00
19,000.00	90.80	359.37	11,857.28	6,855.07	-404.67	6,861.81	0.00	0.00	0.00
19,100.00	90.80	359.37	11,855.89	6,955.05	-405.76	6,961.79	0.00	0.00	0.00
19,200.00	90.80	359.37	11,854.50	7,055.04	-406.86	7,061.78	0.00	0.00	0.00
19,300.00	90.80	359.37	11,853.11	7,155.02	-407.95	7,161.77	0.00	0.00	0.00
19,400.00	90.80	359.37	11,851.73	7,255.01	-409.04	7,261.75	0.00	0.00	0.00
19,500.00	90.80	359.37	11,850.34	7,354.99	-410.13	7,361.74	0.00	0.00	0.00

SDT
Planning Report

Database:	EDM 5000 Multi User Db	Local Co-ordinate Reference:	Well State 9-16 4H
Company:	Texas Standard Oil LLC	TVD Reference:	3873+25 @ 3898.00usft (TBD)
Project:	Lea County, NM (NAD 83)	MD Reference:	3873+25 @ 3898.00usft (TBD)
Site:	State 9-16 Pad - West	North Reference:	Grid
Well:	State 9-16 4H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #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)
19,524.31	90.80	359.37	11,850.00	7,379.30	-410.40	7,386.05	0.00	0.00	0.00
TD at 19524.31									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
State 9-16 4H SHL	0.00	359.48	0.00	0.00	0.00	666,638.60	838,451.00	32.828879	-103.366082
- plan hits target center									
- Point									
State 9-16 4H NP	0.00	359.48	8,000.00	-404.70	-325.31	666,233.90	838,125.69	32.827775	-103.367153
- plan hits target center									
- Point									
State 9-16 4H PBHL	0.00	359.48	11,850.00	7,379.30	-410.40	674,017.90	838,040.60	32.849169	-103.367199
- plan hits target center									
- Point									
State 9-16 4H FTP	0.00	359.48	11,950.00	-354.70	-326.00	666,283.90	838,125.00	32.827912	-103.367154
- plan misses target center by 202.80usft at 11892.88usft MD (11803.41 TVD, -214.56 N, -327.39 E)									
- Point									

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name		Casing Diameter (")	Hole Diameter (")
2,000.00	2,000.00	13-3/8"		13-3/8	13-3/8
11,035.01	11,000.00	9-5/8"		9-5/8	9-5/8

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
2,100.00	2,100.00	0.00	0.00	Start Build 2.00
2,500.03	2,498.73	-21.73	-17.47	Start 3329.95 hold at 2500.03 MD
5,829.98	5,796.27	-382.97	-307.84	Start Drop -2.00
6,230.01	6,195.00	-404.70	-325.31	Start 5182.10 hold at 6230.01 MD
11,412.11	11,377.10	-404.70	-325.31	Start DLS 10.00 TFO 359.37
12,320.06	11,950.00	176.17	-331.66	Start 7204.25 hold at 12320.06 MD
19,524.31	11,850.00	7,379.30	-410.40	TD at 19524.31

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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 322714

CONDITIONS

Operator: Texas Standard Operating NM LLC 3300 North A Street Midland, TX 79705	OGRID: 329818
	Action Number: 322714
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	4/10/2024