

NM OIL CONSERVATION
ARTESIA DISTRICT

JUN 07 2018

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USA

NEW MEXICO

SWEET TEA STATE 24 29 31 (WD2H/SB4H)

SWEET TEA STATE 24 29 31 WD 2H

SWEET TEA STATE 24 29 31 WD 2H

30-015-45031

Plan: PRELIM A

Survey Report - Geographic

16 May, 2018

Marathon Oil

Survey Report - Geographic

Company: USA	Local Co-ordinate Reference: Well SWEET TEA STATE 24 29 31 WD 2H
Project: NEW MEXICO	TVD Reference: WELL @ 2933.5usft (Original Well Elev)
Site: SWEET TEA STATE 24 29 31 (WD2H/SB4H)	MD Reference: WELL @ 2933.5usft (Original Well Elev)
Well: SWEET TEA STATE 24 29 31 WD 2H	North Reference: Grid
Wellbore: SWEET TEA STATE 24 29 31 WD 2H	Survey Calculation Method: Minimum Curvature
Design: PRELIM A	Database: EDMPROD

Project	NEW MEXICO		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	SWEET TEA STATE 24 29 31 (WD2H/SB4H)				
Site Position:		Northing:	426,778.20 usft	Latitude:	32° 10' 22.669 N
From:	Map	Easting:	594,222.10 usft	Longitude:	104° 1' 43.728 W
Position Uncertainty:	3.3 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.16 °

Well	SWEET TEA STATE 24 29 31 WD 2H, WELL 1 OF 2				
Well Position	+N/-S	0.0 usft	Northing:	426,778.20 usft	Latitude: 32° 10' 22.669 N
	+E/-W	0.0 usft	Easting:	594,222.10 usft	Longitude: 104° 1' 43.728 W
Position Uncertainty		1.1 usft	Wellhead Elevation:	0.0 usft	Ground Level: 2,907.0 usft

Wellbore	SWEET TEA STATE 24 29 31 WD 2H				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	5/16/2018	7.06	59.93	47,769

Design	PRELIM A				
Audit Notes:					
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0	
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	179.92	

Survey Tool Program	Date 5/16/2018				
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
0.0	17,623.4	PRELIM A (SWEET TEA STATE 24 29 31	MWD	OWSG MWD - Standard	

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.0	0.00	0.00	0.0	0.0	0.0	426,778.20	594,222.10	32° 10' 22.669 N	104° 1' 43.728 W
2,500.0	0.00	0.00	2,500.0	0.0	0.0	426,778.20	594,222.10	32° 10' 22.669 N	104° 1' 43.728 W
3,166.7	5.00	263.40	3,165.8	-3.3	-28.9	426,774.86	594,193.23	32° 10' 22.637 N	104° 1' 44.065 W
9,288.5	5.00	263.40	9,264.4	-64.7	-558.9	426,713.50	593,663.21	32° 10' 22.045 N	104° 1' 50.233 W
9,788.5	0.00	0.00	9,763.7	-67.2	-580.5	426,710.99	593,641.55	32° 10' 22.020 N	104° 1' 50.485 W
9,968.8	0.00	0.00	9,944.0	-67.2	-580.5	426,710.99	593,641.55	32° 10' 22.020 N	104° 1' 50.485 W
10,868.8	90.00	179.92	10,517.0	-640.2	-579.7	426,138.03	593,642.35	32° 10' 16.350 N	104° 1' 50.495 W
17,623.4	90.00	179.92	10,517.0	-7,394.8	-570.3	419,383.41	593,651.78	32° 9' 9.504 N	104° 1' 50.606 W

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Checked By: _____	Approved By: _____	Date: _____
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