

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Marathon Oil Permian LLC 5555 San Felipe St., Houston, TX 77056		² OGRID Number 372098
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 015-45895	⁵ Pool Name PURPLE SAGE; WOLFCAMP (GAS)	⁶ Pool Code 98220
⁷ Property Code 325397	⁸ Property Name BLUE STEEL 21 WA FEE	⁹ Well Number 9H

II. ¹⁰ Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
D	28	23S	29E		270	NORTH	1225	WEST	EDDY

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	16	23S	29E		286	NORTH	1654	WEST	EDDY
¹² Lse Code P	¹³ Producing Method Code F	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

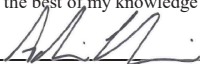
III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
16587	ORYX ENERGY CO	O
327139	SENDERO MIDSTREAM	G

IV. Well Completion Data

²¹ Spud Date 8/24/2019	²² Ready Date 12/14/2020	²³ TD 20328' / 10234'	²⁴ PBTB 20240' / 10230'	²⁵ Perforations 10,335' - 20,126'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	370'	490		
12 1/4"	9 5/8"	2982'	1120		
8 3/4"	7"	11412'	1760		
6 1/8"	4 1/2"	9670' - 20328'	1015		

V. Well Test Data

³¹ Date New Oil 12/21/2020	³² Gas Delivery Date 12/17/2020	³³ Test Date 12/29/2020	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 0	³⁶ Csg. Pressure 2382
³⁷ Choke Size 40	³⁸ Oil 1168	³⁹ Water 7206	⁴⁰ Gas 2794		⁴¹ Test Method Flowing
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: 			OIL CONSERVATION DIVISION		
Printed name: Adrian Covarrubias			Approved by: 		
Title: Regulatory Professional			Title: BUSINESS OP. SPEC.		
E-mail Address: acovarrubias@marathonoil.com			Approval Date: 2/17/2021		
Date: 1/8/2020		Phone: 713-296-3368			

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 AS-DRILLED PLAT

¹ API Number 30-015-45895	² Pool Code 98220	³ Pool Name Purple Sage; Wolfcamp (Gas)
⁴ Property Code 325397	Property Name Blue Steel 21 WA Fee	⁶ Well Number 9H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN LLC	⁹ Elevation 3001'

¹⁰ Surface Location

UL or lot no. D	Section 28	Township 23S	Range 29E	Lot Idn	Feet from the 270	North/South line NORTH	Feet from the 1225	East/West line WEST	County EDDY
--------------------	---------------	-----------------	--------------	---------	----------------------	---------------------------	-----------------------	------------------------	----------------

¹¹ Bottom Hole Location If Different From Surface

UL or lot no. C	Section 16	Township 23S	Range 29E	Lot Idn	Feet from the 286	North/South line NORTH	Feet from the 1654	East/West line WEST	County EDDY
--------------------	---------------	-----------------	--------------	---------	----------------------	---------------------------	-----------------------	------------------------	----------------

¹² Dedicated Acres 640.0	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--	-------------------------------	----------------------------------	-------------------------

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

	CORNER COORDINATES NAD 83, SPCS NM EAST A - X: 644823.90' / Y: 472250.71' B - X: 644867.18' / Y: 477568.44' C - X: 647506.95' / Y: 477578.03' D - X: 647481.28' / Y: 472260.27' E - X: 647475.03' / Y: 466934.71' F - X: 644816.72' / Y: 466932.98'	CORNER COORDINATES NAD 27, SPCS NM EAST A - X: 603640.77' / Y: 472191.16' B - X: 603684.20' / Y: 477508.77' C - X: 606323.97' / Y: 477518.36' D - X: 606298.14' / Y: 472200.73' E - X: 606291.75' / Y: 466875.28' F - X: 603633.45' / Y: 466873.55'	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. hereby entered by the division. Signature: Date: 4/3/2020 Printed Name: Adrian Covarrubias E-mail Address:	
	BOTTOM HOLE LOCATION 286' FNL 1654' FWL, SECTION 16 20328' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 646518.87' / Y: 477288.40' LAT: 32.31167946N / LON: 103.99286963W NAD 27, SPCS NM EAST X: 605335.88' / Y: 477228.74' LAT: 32.31155758N / LON: 103.99237728W	LAST TAKE POINT 330' FNL 1653' FWL, SECTION 16 20284' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 646517.95' / Y: 477244.43' LAT: 32.31155861N / LON: 103.99287308W NAD 27, SPCS NM EAST X: 605334.96' / Y: 477184.77' LAT: 32.31143673N / LON: 103.99238074W	FIRST TAKE POINT 330' FSL 1642' FWL, SECTION 21 10273' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 646459.73' / Y: 467264.18' LAT: 32.28412514N / LON: 103.99316399W NAD 27, SPCS NM EAST X: 605276.46' / Y: 467204.75' LAT: 32.28400303N / LON: 103.99267270W	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well surface location shown on this plat was plotted from field notes of the as-staked surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Data used for underground measurements were provided by others for reference only and does not constitute field measurements performed by R-Squared Global. MARCH 5, 2020 Date of Survey Signature and Seal of Professional Surveyor: Certificate Number LLOYD P. SHORT 21653
	KICK OFF POINT 67' FSL 1647' FWL, SECTION 21 9762' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 646464.05' / Y: 467001.12' LAT: 32.28340199N / LON: 103.99315272W NAD 27, SPCS NM EAST X: 605280.77' / Y: 466994.170' LAT: 32.28327987N / LON: 103.99266146W	SURFACE HOLE LOCATION 270' FNL 1225' FWL, SECTION 28 0' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 646043.69' / Y: 466663.67' LAT: 32.28247805N / LON: 103.99451639W NAD 27, SPCS NM EAST X: 604860.41' / Y: 466604.25' LAT: 32.28235594N / LON: 103.99402512W		

Distances/areas relative to NAD 83 Combined Scale Factor: 0.9997823 Convergence Angle: 00°11'10.61002"



Marathon Oil Corporation

Blue Steel 21 WA Fee No. 9H
Eddy County, NM

February 04, 2020

Job# LNM1525519
API# 30-015-45895

Survey Completion Report



Survey Certification Letter

February 04, 2020



Operator Name: Marathon Oil
Well Name: Blue Steel 21 WA Fee No. 9H
County/Parish: Eddy County,
State: NM
Rig Name: Precision 582
Job Number: LNM1525519

This is to certify the surveys performed on the referenced well by Professional Directional Ent., Inc. are true and correct MWD Surveys, data provided as follows:

Surveyor	Surveyed Depths	Projection to Bit	Dates Performed	Type of Survey
ProDirectional	411' MD – 20,261' MD	20,328' MD	10/05/19 – 01/18/20	MWD

Sincerely,

Mike Coats
Regulatory Specialist
Professional Directional

850 Conroe Park West Drive | Conroe, TX 77303 | Phone: 936.441.7266
prodirectional.com



Marathon Oil

Eddy County, NM
Blue Steel 21 WA Fee
No. 9H
OH

Survey: ProDirectional

Survey Report

04 February, 2020





ProDirectional Survey Report



Company:	Marathon Oil	Local Co-ordinate Reference:	Well No. 9H
Project:	Eddy County, NM(NAD 83)	TVD Reference:	Well @ 3028.00usft
Site:	Blue Steel 21 WA Fee	MD Reference:	Well @ 3028.00usft
Well:	No. 9H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	MWD-158'-20261', PTB: 20328'	Database:	WellPlanner1

Project		Eddy 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		Blue Steel 21 WA Fee					
Site Position:		Northing:		466,663.81	usft	Latitude:	32° 16' 56.9214238 N
From:	Map	Easting:		646,073.65	usft	Longitude:	103° 59' 39.9100281 W
Position Uncertainty:	0.00 usft	Slot Radius:		13-3/16	"	Grid Convergence:	0.18 °

Well		No. 9H, LNM1525519				
Well Position	+N/-S	0.00 usft	Northing:	466,663.67 usft	Latitude:	32° 16' 56.9209749 N
	+E/-W	0.00 usft	Easting:	646,043.69 usft	Longitude:	103° 59' 40.2590374 W
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,001.00 usft	

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	HDGM	8/1/2019	7.00	60.03	47,903.50

Design		MWD-158'-20261', PTB: 20328'		
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	0.22



ProDirectional Survey Report



Company: Marathon Oil
Project: Eddy County, NM(NAD 83)
Site: Blue Steel 21 WA Fee
Well: No. 9H
Wellbore: OH
Design: MWD-158'-20261', PTB: 20328'

Local Co-ordinate Reference: Well No. 9H
TVD Reference: Well @ 3028.00usft
MD Reference: Well @ 3028.00usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WellPlanner1

Survey Program		Date	2/4/2020		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
158.00	340.00	Survey #1 (OH)	GYRO-NS-CT	OWSG XYZ Accel with XY Static and Continuous Gyro	
411.00	20,328.00	Survey #2 (OH)	MWD+HDGM	OWSG MWD + HRGM	

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	466,663.67	646,043.69
158.00	0.30	0.00	158.00	0.41	0.41	0.00	0.41	0.00	466,664.08	646,043.69
248.00	0.05	35.00	248.00	0.68	0.68	0.02	0.68	1.89	466,664.35	646,043.71
340.00	0.40	23.00	340.00	1.01	1.01	0.17	1.02	9.61	466,664.68	646,043.86
411.00	0.50	6.80	411.00	1.55	1.55	0.30	1.58	11.15	466,665.22	646,043.99
Pro MWD First Survey: 411' MD										
502.00	0.30	25.10	501.99	2.16	2.16	0.45	2.20	11.86	466,665.83	646,044.14
592.00	0.20	333.50	591.99	2.51	2.51	0.48	2.56	10.88	466,666.18	646,044.17
685.00	0.30	78.80	684.99	2.70	2.70	0.65	2.78	13.50	466,666.37	646,044.34
779.00	1.00	82.80	778.99	2.86	2.85	1.70	3.32	30.85	466,666.52	646,045.39
871.00	1.10	87.60	870.97	3.00	2.99	3.38	4.52	48.52	466,666.66	646,047.07
965.00	0.80	84.40	964.96	3.11	3.09	4.94	5.83	57.94	466,666.76	646,048.63
1,059.00	0.60	43.70	1,058.95	3.53	3.51	5.93	6.89	59.37	466,667.18	646,049.62
1,148.00	0.90	14.10	1,147.94	4.55	4.53	6.42	7.86	54.82	466,668.20	646,050.11
1,238.00	2.50	28.30	1,237.90	6.97	6.94	7.53	10.24	47.32	466,670.61	646,051.22
1,327.00	2.90	30.80	1,326.80	10.62	10.58	9.60	14.29	42.21	466,674.25	646,053.29
1,417.00	2.80	30.00	1,416.69	14.49	14.44	11.86	18.69	39.40	466,678.11	646,055.55
1,506.00	2.70	29.80	1,505.59	18.20	18.14	13.99	22.91	37.64	466,681.81	646,057.68
1,596.00	2.80	27.90	1,595.48	21.99	21.93	16.07	27.19	36.24	466,685.60	646,059.76
1,686.00	2.70	27.80	1,685.38	25.81	25.74	18.09	31.47	35.10	466,689.41	646,061.78
1,775.00	3.10	34.00	1,774.27	29.67	29.59	20.42	35.95	34.60	466,693.26	646,064.11



ProDirectional Survey Report



Company: Marathon Oil
Project: Eddy County, NM(NAD 83)
Site: Blue Steel 21 WA Fee
Well: No. 9H
Wellbore: OH
Design: MWD-158'-20261', PTB: 20328'

Local Co-ordinate Reference:
TVD Reference: Well No. 9H
MD Reference: Well @ 3028.00usft
North Reference: Well @ 3028.00usft
Survey Calculation Method: Grid
Database: Minimum Curvature
 WellPlanner1

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)	
1,864.00	5.00	46.80	1,863.04	34.34	34.24	24.59	42.16	35.68	466,697.91	646,068.28	
1,954.00	6.40	54.70	1,952.60	39.95	39.83	31.54	50.81	38.38	466,703.50	646,075.23	
2,044.00	7.60	53.30	2,041.92	46.44	46.28	40.41	61.44	41.12	466,709.95	646,084.10	
2,133.00	8.80	53.80	2,130.01	54.02	53.82	50.62	73.89	43.24	466,717.49	646,094.31	
2,223.00	8.90	57.50	2,218.94	61.87	61.63	62.05	87.45	45.19	466,725.30	646,105.74	
2,313.00	9.00	63.50	2,307.85	68.80	68.51	74.22	101.01	47.29	466,732.18	646,117.91	
2,402.00	8.70	61.60	2,395.79	75.15	74.82	86.37	114.27	49.10	466,738.49	646,130.06	
2,492.00	8.70	55.00	2,484.76	82.34	81.96	97.93	127.71	50.07	466,745.63	646,141.62	
2,582.00	8.80	57.30	2,573.71	90.00	89.58	109.30	141.32	50.66	466,753.25	646,152.99	
2,671.00	9.30	51.70	2,661.60	98.18	97.72	120.68	155.28	51.00	466,761.39	646,164.37	
2,761.00	9.20	51.90	2,750.43	107.17	106.67	132.04	169.74	51.07	466,770.34	646,175.73	
2,850.00	9.90	41.20	2,838.20	117.36	116.81	142.68	184.40	50.69	466,780.48	646,186.37	
2,904.00	9.90	39.70	2,891.40	124.45	123.88	148.71	193.54	50.20	466,787.55	646,192.40	
3,024.00	9.60	40.20	3,009.67	140.08	139.46	161.75	213.57	49.23	466,803.13	646,205.44	
3,113.00	9.90	39.90	3,097.38	151.65	150.99	171.45	228.46	48.63	466,814.66	646,215.14	
3,203.00	10.40	41.30	3,185.97	163.73	163.03	181.78	244.18	48.11	466,826.70	646,225.47	
3,292.00	9.90	43.80	3,273.58	175.33	174.59	192.37	259.79	47.77	466,838.26	646,236.06	
3,382.00	10.10	45.90	3,362.21	186.45	185.67	203.40	275.39	47.61	466,849.34	646,247.09	
3,471.00	9.90	44.70	3,449.86	197.36	196.54	214.38	290.84	47.49	466,860.21	646,258.07	
3,561.00	9.60	42.90	3,538.56	208.39	207.53	224.93	306.05	47.30	466,871.20	646,268.62	
3,650.00	9.90	44.10	3,626.28	219.36	218.46	235.31	321.09	47.13	466,882.13	646,279.00	
3,740.00	10.30	41.60	3,714.88	230.98	230.04	246.04	336.82	46.92	466,893.71	646,289.73	
3,830.00	10.00	40.80	3,803.47	242.95	241.97	256.48	352.61	46.67	466,905.64	646,300.17	
3,919.00	9.50	40.40	3,891.19	254.43	253.41	266.29	367.60	46.42	466,917.08	646,309.98	
4,009.00	10.50	43.20	3,979.82	266.11	265.05	276.72	383.18	46.23	466,928.72	646,320.41	
4,098.00	10.80	47.10	4,067.29	277.74	276.63	288.38	399.61	46.19	466,940.30	646,332.07	
4,187.00	11.40	45.90	4,154.62	289.58	288.43	300.81	416.74	46.20	466,952.10	646,344.50	



ProDirectional Survey Report



Company: Marathon Oil
Project: Eddy County, NM(NAD 83)
Site: Blue Steel 21 WA Fee
Well: No. 9H
Wellbore: OH
Design: MWD-158'-20261', PTB: 20328'

Local Co-ordinate Reference: Well No. 9H
TVD Reference: Well @ 3028.00usft
MD Reference: Well @ 3028.00usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WellPlanner1

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)	
4,277.00	11.30	45.80	4,242.86	301.97	300.77	313.51	434.46	46.19	466,964.44	646,357.20	
4,367.00	10.00	49.30	4,331.31	313.26	312.01	325.76	451.08	46.23	466,975.68	646,369.45	
4,456.00	9.50	54.80	4,419.03	322.58	321.28	337.62	466.06	46.42	466,984.95	646,381.31	
4,546.00	9.00	54.70	4,507.86	330.97	329.63	349.43	480.38	46.67	466,993.30	646,393.12	
4,636.00	8.80	51.30	4,596.77	339.39	338.01	360.55	494.21	46.85	467,001.68	646,404.24	
4,726.00	8.80	52.60	4,685.71	347.91	346.49	371.39	507.93	46.99	467,010.16	646,415.08	
4,815.00	9.30	49.50	4,773.61	356.76	355.30	382.27	521.89	47.09	467,018.97	646,425.96	
4,905.00	9.50	50.10	4,862.40	366.29	364.78	393.50	536.57	47.17	467,028.45	646,437.19	
4,994.00	9.40	48.50	4,950.19	375.86	374.31	404.58	551.17	47.23	467,037.98	646,448.27	
5,084.00	8.40	45.90	5,039.10	385.35	383.76	414.80	565.09	47.23	467,047.43	646,458.49	
5,173.00	7.50	49.30	5,127.25	393.69	392.07	423.87	577.40	47.23	467,055.74	646,467.56	
5,263.00	6.70	58.50	5,216.56	400.30	398.64	432.80	588.42	47.35	467,062.31	646,476.49	
5,353.00	4.80	65.30	5,306.11	404.65	402.96	440.70	597.16	47.56	467,066.63	646,484.39	
5,442.00	2.20	57.50	5,394.93	407.14	405.43	445.53	602.39	47.70	467,069.10	646,489.22	
5,532.00	0.40	345.20	5,484.91	408.38	406.67	446.90	604.24	47.70	467,070.34	646,490.59	
5,621.00	0.70	21.60	5,573.90	409.18	407.47	447.03	604.87	47.65	467,071.14	646,490.72	
5,711.00	0.40	14.20	5,663.90	410.00	408.29	447.30	605.62	47.61	467,071.96	646,490.99	
5,801.00	0.50	287.70	5,753.90	410.42	408.71	447.01	605.69	47.56	467,072.38	646,490.70	
5,891.00	0.80	221.80	5,843.89	410.07	408.36	446.21	604.87	47.54	467,072.03	646,489.90	
5,981.00	0.50	225.00	5,933.89	409.32	407.62	445.52	603.85	47.54	467,071.29	646,489.21	
6,070.00	1.20	220.90	6,022.88	408.34	406.64	444.63	602.54	47.56	467,070.31	646,488.32	
6,159.00	1.30	215.60	6,111.86	406.81	405.11	443.44	600.63	47.59	467,068.78	646,487.13	
6,249.00	1.30	215.80	6,201.83	405.15	403.45	442.24	598.63	47.63	467,067.12	646,485.93	
6,338.00	1.10	220.10	6,290.81	403.67	401.98	441.10	596.79	47.66	467,065.65	646,484.79	
6,428.00	1.10	204.60	6,380.80	402.22	400.53	440.19	595.14	47.70	467,064.20	646,483.88	
6,518.00	1.50	202.30	6,470.77	400.34	398.66	439.38	593.28	47.78	467,062.33	646,483.07	
6,608.00	1.50	214.10	6,560.74	398.27	396.59	438.27	591.08	47.86	467,060.26	646,481.96	



ProDirectional Survey Report



Company: Marathon Oil
Project: Eddy County, NM(NAD 83)
Site: Blue Steel 21 WA Fee
Well: No. 9H
Wellbore: OH
Design: MWD-158'-20261', PTB: 20328'

Local Co-ordinate Reference:
TVD Reference: Well No. 9H
MD Reference: Well @ 3028.00usft
North Reference: Well @ 3028.00usft
Survey Calculation Method: Grid
Database: Minimum Curvature
 WellPlanner1

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)	
6,698.00	1.80	203.80	6,650.71	396.00	394.33	437.04	588.64	47.94	467,058.00	646,480.73	
6,787.00	1.60	216.60	6,739.67	393.72	392.05	435.74	586.15	48.02	467,055.72	646,479.43	
6,877.00	1.60	205.80	6,829.63	391.57	389.91	434.44	583.75	48.09	467,053.58	646,478.13	
6,967.00	1.50	219.80	6,919.60	389.53	387.87	433.14	581.43	48.16	467,051.54	646,476.83	
7,056.00	1.70	190.00	7,008.57	387.33	385.68	432.17	579.24	48.25	467,049.35	646,475.86	
7,146.00	1.80	193.50	7,098.52	384.64	382.99	431.60	577.03	48.42	467,046.66	646,475.29	
7,235.00	2.50	203.00	7,187.46	381.49	379.84	430.52	574.13	48.58	467,043.51	646,474.21	
7,325.00	1.90	198.60	7,277.39	378.27	376.62	429.28	571.07	48.74	467,040.29	646,472.97	
7,414.00	1.50	205.60	7,366.36	375.81	374.17	428.30	568.73	48.86	467,037.84	646,471.99	
7,503.00	1.60	246.30	7,455.33	374.26	372.62	426.66	566.47	48.87	467,036.29	646,470.35	
7,594.00	1.80	260.30	7,546.29	373.50	371.87	424.09	564.04	48.75	467,035.54	646,467.78	
7,684.00	2.10	250.80	7,636.23	372.70	371.09	421.14	561.31	48.61	467,034.76	646,464.83	
7,773.00	0.30	226.60	7,725.21	372.00	370.39	419.43	559.56	48.55	467,034.06	646,463.12	
7,862.00	0.20	154.50	7,814.21	371.70	370.09	419.33	559.29	48.57	467,033.76	646,463.02	
7,952.00	0.10	167.10	7,904.21	371.48	369.88	419.41	559.21	48.59	467,033.55	646,463.10	
8,042.00	0.30	15.40	7,994.21	371.63	370.03	419.49	559.37	48.59	467,033.70	646,463.18	
8,131.00	0.90	24.90	8,083.20	372.49	370.88	419.85	560.20	48.54	467,034.55	646,463.54	
8,221.00	0.80	19.90	8,173.19	373.73	372.12	420.36	561.40	48.48	467,035.79	646,464.05	
8,310.00	0.30	182.90	8,262.19	374.08	372.47	420.56	561.79	48.47	467,036.14	646,464.25	
8,400.00	0.50	157.90	8,352.19	373.48	371.87	420.70	561.49	48.53	467,035.54	646,464.39	
8,489.00	1.50	143.70	8,441.17	372.19	370.57	421.53	561.26	48.68	467,034.24	646,465.22	
8,579.00	1.50	153.80	8,531.14	370.18	368.56	422.75	560.85	48.92	467,032.23	646,466.44	
8,669.00	2.20	167.40	8,621.10	367.45	365.82	423.65	559.73	49.19	467,029.49	646,467.34	
8,759.00	2.30	167.70	8,711.03	364.00	362.37	424.41	558.06	49.51	467,026.04	646,468.10	
8,848.00	2.20	164.20	8,799.96	360.61	358.98	425.25	556.51	49.83	467,022.65	646,468.94	
8,938.00	2.80	187.50	8,889.88	356.77	355.14	425.44	554.18	50.15	467,018.81	646,469.13	
9,028.00	3.00	189.20	8,979.76	352.26	350.64	424.77	550.80	50.46	467,014.31	646,468.46	



ProDirectional Survey Report



Company: Marathon Oil
Project: Eddy County, NM(NAD 83)
Site: Blue Steel 21 WA Fee
Well: No. 9H
Wellbore: OH
Design: MWD-158'-20261', PTB: 20328'

Local Co-ordinate Reference: Well No. 9H
TVD Reference: Well @ 3028.00usft
MD Reference: Well @ 3028.00usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WellPlanner1

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)	
9,117.00	2.40	185.60	9,068.66	348.11	346.48	424.22	547.73	50.76	467,010.15	646,467.91	
9,207.00	1.50	180.90	9,158.61	345.06	343.43	424.02	545.65	50.99	467,007.10	646,467.71	
9,296.00	0.50	158.50	9,247.59	343.53	341.90	424.14	544.79	51.13	467,005.57	646,467.83	
9,385.00	1.40	212.10	9,336.58	342.25	340.62	423.70	543.64	51.20	467,004.29	646,467.39	
9,475.00	1.10	218.90	9,426.56	340.64	339.02	422.58	541.76	51.26	467,002.69	646,466.27	
9,564.00	0.60	200.70	9,515.55	339.53	337.92	421.88	540.53	51.31	467,001.59	646,465.57	
9,641.00	1.00	206.70	9,592.54	338.55	336.94	421.43	539.57	51.36	467,000.61	646,465.12	
9,738.00	0.80	198.90	9,689.53	337.16	335.54	420.83	538.23	51.43	466,999.21	646,464.52	
9,828.00	10.10	348.50	9,779.09	344.31	342.70	419.05	541.34	50.72	467,006.37	646,462.74	
9,917.00	24.10	359.10	9,863.97	370.25	368.65	417.20	556.74	48.54	467,032.32	646,460.89	
10,007.00	35.20	0.30	9,942.06	414.70	413.10	417.05	587.01	45.27	467,076.77	646,460.74	
10,097.00	42.70	359.80	10,012.00	471.24	469.64	417.08	628.10	41.61	467,133.31	646,460.77	
10,187.00	47.20	358.40	10,075.68	534.79	533.20	416.05	676.31	37.96	467,196.87	646,459.74	
10,276.00	56.00	1.40	10,130.92	604.46	602.86	416.04	732.48	34.61	467,266.53	646,459.73	
10,366.00	64.40	0.10	10,175.61	682.48	680.88	417.02	798.44	31.49	467,344.55	646,460.71	
10,456.00	71.30	358.50	10,209.52	765.77	764.18	415.97	870.06	28.56	467,427.85	646,459.66	
10,545.00	80.40	357.30	10,231.26	851.91	850.33	412.80	945.23	25.89	467,514.00	646,456.49	
10,643.00	86.70	1.60	10,242.27	949.21	947.63	411.89	1,033.27	23.49	467,611.30	646,455.58	
10,733.00	86.70	1.30	10,247.45	1,039.04	1,037.45	414.16	1,117.07	21.76	467,701.12	646,457.85	
10,822.00	86.40	1.30	10,252.80	1,127.86	1,126.27	416.18	1,200.70	20.28	467,789.94	646,459.87	
10,911.00	88.00	1.60	10,257.15	1,216.73	1,215.13	418.42	1,285.16	19.00	467,878.80	646,462.11	
11,001.00	88.90	1.30	10,259.58	1,306.68	1,305.07	420.70	1,371.20	17.87	467,968.74	646,464.39	
11,091.00	88.40	1.40	10,261.70	1,396.63	1,395.02	422.82	1,457.69	16.86	468,058.69	646,466.51	
11,180.00	89.40	0.90	10,263.41	1,485.60	1,483.98	424.61	1,543.53	15.97	468,147.65	646,468.30	
11,269.00	90.80	0.90	10,263.26	1,574.59	1,572.97	426.00	1,629.64	15.15	468,236.64	646,469.69	
11,467.00	92.70	0.69	10,257.21	1,772.48	1,770.85	428.75	1,822.01	13.61	468,434.52	646,472.44	
11,562.00	92.75	0.16	10,252.69	1,867.37	1,865.74	429.45	1,914.53	12.96	468,529.41	646,473.14	



ProDirectional Survey Report



Company: Marathon Oil
Project: Eddy County, NM(NAD 83)
Site: Blue Steel 21 WA Fee
Well: No. 9H
Wellbore: OH
Design: MWD-158'-20261', PTB: 20328'

Local Co-ordinate Reference:
TVD Reference: Well No. 9H
MD Reference: Well @ 3028.00usft
North Reference: Well @ 3028.00usft
Survey Calculation Method: Grid
Database: Minimum Curvature
 WellPlanner1

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)	
11,656.00	93.36	0.86	10,247.68	1,961.24	1,959.60	430.29	2,006.29	12.38	468,623.27	646,473.98	
11,751.00	92.92	1.30	10,242.48	2,056.08	2,054.44	432.08	2,099.39	11.88	468,718.11	646,475.77	
11,846.00	90.64	0.25	10,239.53	2,151.03	2,149.38	433.36	2,192.63	11.40	468,813.05	646,477.05	
11,941.00	89.67	358.75	10,239.27	2,246.02	2,244.37	432.53	2,285.67	10.91	468,908.04	646,476.22	
12,035.00	90.37	0.07	10,239.24	2,340.00	2,338.36	431.56	2,377.85	10.46	469,002.03	646,475.25	
12,130.00	88.97	359.55	10,239.79	2,435.00	2,433.36	431.25	2,471.28	10.05	469,097.03	646,474.94	
12,225.00	89.36	359.19	10,241.17	2,529.98	2,528.34	430.21	2,564.68	9.66	469,192.01	646,473.90	
12,319.00	90.15	359.90	10,241.57	2,623.97	2,622.34	429.46	2,657.27	9.30	469,286.01	646,473.15	
12,413.00	91.21	1.21	10,240.46	2,717.96	2,716.32	430.37	2,750.20	9.00	469,379.99	646,474.06	
12,507.00	92.31	1.92	10,237.57	2,811.88	2,810.24	432.93	2,843.39	8.76	469,473.91	646,476.62	
12,602.00	92.88	1.57	10,233.27	2,906.75	2,905.10	435.82	2,937.61	8.53	469,568.77	646,479.51	
12,696.00	90.51	0.86	10,230.49	3,000.69	2,999.03	437.82	3,030.82	8.31	469,662.70	646,481.51	
12,791.00	91.60	1.13	10,228.74	3,095.66	3,094.00	439.47	3,125.05	8.08	469,757.67	646,483.16	
12,885.00	92.22	0.07	10,225.61	3,189.61	3,187.94	440.45	3,218.22	7.87	469,851.61	646,484.14	
12,980.00	92.31	0.25	10,221.85	3,284.53	3,282.86	440.71	3,312.31	7.65	469,946.53	646,484.40	
13,074.00	91.91	359.28	10,218.39	3,378.46	3,376.80	440.33	3,405.39	7.43	470,040.47	646,484.02	
13,169.00	91.96	359.55	10,215.18	3,473.40	3,471.74	439.36	3,499.43	7.21	470,135.41	646,483.05	
13,263.00	92.00	0.07	10,211.94	3,567.34	3,565.68	439.05	3,592.61	7.02	470,229.35	646,482.74	
13,357.00	91.96	359.90	10,208.69	3,661.28	3,659.63	439.02	3,685.87	6.84	470,323.30	646,482.71	
13,452.00	91.38	0.51	10,205.92	3,756.24	3,754.58	439.36	3,780.20	6.67	470,418.25	646,483.05	
13,546.00	89.89	2.53	10,204.88	3,850.21	3,848.54	441.86	3,873.82	6.55	470,512.21	646,485.55	
13,640.00	88.26	2.80	10,206.40	3,944.10	3,942.42	446.23	3,967.59	6.46	470,606.09	646,489.92	
13,735.00	88.40	1.21	10,209.16	4,039.02	4,037.32	449.55	4,062.27	6.35	470,700.99	646,493.24	
13,830.00	88.40	0.60	10,211.82	4,133.97	4,132.27	451.05	4,156.81	6.23	470,795.94	646,494.74	
13,924.00	89.63	359.81	10,213.43	4,227.95	4,226.25	451.39	4,250.29	6.10	470,889.92	646,495.08	
14,019.00	92.75	359.90	10,211.46	4,322.92	4,321.22	451.14	4,344.71	5.96	470,984.89	646,494.83	
14,113.00	92.66	358.14	10,207.02	4,416.79	4,415.10	449.54	4,437.92	5.81	471,078.77	646,493.23	



ProDirectional Survey Report



Company: Marathon Oil
Project: Eddy County, NM(NAD 83)
Site: Blue Steel 21 WA Fee
Well: No. 9H
Wellbore: OH
Design: MWD-158'-20261', PTB: 20328'

Local Co-ordinate Reference: Well No. 9H
TVD Reference: Well @ 3028.00usft
MD Reference: Well @ 3028.00usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WellPlanner1

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)	
14,208.00	90.77	359.19	10,204.18	4,511.71	4,510.02	447.33	4,532.15	5.66	471,173.69	646,491.02	
14,303.00	90.33	0.60	10,203.27	4,606.70	4,605.02	447.15	4,626.68	5.55	471,268.69	646,490.84	
14,397.00	89.80	0.51	10,203.16	4,700.70	4,699.01	448.06	4,720.33	5.45	471,362.68	646,491.75	
14,492.00	89.98	0.16	10,203.34	4,795.70	4,794.01	448.62	4,814.96	5.35	471,457.68	646,492.31	
14,586.00	89.89	0.51	10,203.45	4,889.70	4,888.01	449.17	4,908.60	5.25	471,551.68	646,492.86	
14,681.00	91.34	1.48	10,202.43	4,984.68	4,982.98	450.82	5,003.34	5.17	471,646.65	646,494.51	
14,775.00	94.11	0.86	10,197.96	5,078.55	5,076.85	452.74	5,097.00	5.10	471,740.52	646,496.43	
14,870.00	93.14	0.51	10,191.96	5,173.36	5,171.65	453.87	5,191.53	5.02	471,835.32	646,497.56	
14,964.00	87.43	356.73	10,191.49	5,267.26	5,265.57	451.61	5,284.90	4.90	471,929.24	646,495.30	
15,058.00	88.22	357.88	10,195.06	5,361.07	5,359.39	447.19	5,378.02	4.77	472,023.06	646,490.88	
15,152.00	86.81	357.35	10,199.13	5,454.88	5,453.22	443.28	5,471.21	4.65	472,116.89	646,486.97	
15,246.00	88.18	357.79	10,203.24	5,548.69	5,547.04	439.30	5,564.41	4.53	472,210.71	646,482.99	
15,341.00	89.45	358.67	10,205.21	5,643.61	5,641.98	436.37	5,658.83	4.42	472,305.65	646,480.06	
15,435.00	90.55	359.02	10,205.21	5,737.58	5,735.95	434.47	5,752.39	4.33	472,399.62	646,478.16	
15,530.00	90.95	359.11	10,203.96	5,832.55	5,830.93	432.92	5,846.98	4.25	472,494.60	646,476.61	
15,625.00	91.08	359.19	10,202.28	5,927.52	5,925.91	431.51	5,941.60	4.16	472,589.58	646,475.20	
15,720.00	87.91	2.01	10,203.12	6,022.49	6,020.88	432.51	6,036.39	4.11	472,684.55	646,476.20	
15,814.00	90.15	1.13	10,204.71	6,116.45	6,114.82	435.08	6,130.28	4.07	472,778.49	646,478.77	
15,909.00	89.54	1.92	10,204.96	6,211.42	6,209.79	437.61	6,225.19	4.03	472,873.46	646,481.30	
16,004.00	89.49	2.09	10,205.77	6,306.37	6,304.73	440.93	6,320.13	4.00	472,968.40	646,484.62	
16,099.00	88.53	2.71	10,207.41	6,401.29	6,399.63	444.91	6,415.07	3.98	473,063.30	646,488.60	
16,193.00	90.37	1.57	10,208.31	6,495.22	6,493.55	448.42	6,509.02	3.95	473,157.22	646,492.11	
16,288.00	90.33	0.60	10,207.73	6,590.21	6,588.53	450.22	6,603.90	3.91	473,252.20	646,493.91	
16,383.00	89.49	0.51	10,207.88	6,685.21	6,683.53	451.14	6,698.73	3.86	473,347.20	646,494.83	
16,477.00	89.36	0.16	10,208.82	6,779.20	6,777.52	451.69	6,792.55	3.81	473,441.19	646,495.38	
16,572.00	88.79	359.90	10,210.36	6,874.19	6,872.51	451.74	6,887.34	3.76	473,536.18	646,495.43	
16,667.00	89.14	0.07	10,212.07	6,969.17	6,967.49	451.71	6,982.12	3.71	473,631.16	646,495.40	



ProDirectional Survey Report



Company: Marathon Oil
Project: Eddy County, NM(NAD 83)
Site: Blue Steel 21 WA Fee
Well: No. 9H
Wellbore: OH
Design: MWD-158'-20261', PTB: 20328'

Local Co-ordinate Reference: Well No. 9H
TVD Reference: Well @ 3028.00usft
MD Reference: Well @ 3028.00usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WellPlanner1

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)
16,761.00	89.93	1.30	10,212.84	7,063.16	7,061.48	452.84	7,075.98	3.67	473,725.15	646,496.53
16,855.00	90.20	0.95	10,212.73	7,157.15	7,155.46	454.68	7,169.89	3.64	473,819.13	646,498.37
16,950.00	89.98	0.16	10,212.58	7,252.15	7,250.45	455.60	7,264.75	3.60	473,914.12	646,499.29
17,044.00	89.36	359.19	10,213.12	7,346.14	7,344.45	455.07	7,358.53	3.55	474,008.12	646,498.76
17,138.00	95.52	5.52	10,209.12	7,439.90	7,438.19	458.91	7,452.34	3.53	474,101.86	646,502.60
17,232.00	92.84	3.41	10,202.27	7,533.38	7,531.64	466.21	7,546.06	3.54	474,195.31	646,509.90
17,326.00	93.67	2.36	10,196.93	7,627.12	7,625.37	470.93	7,639.90	3.53	474,289.04	646,514.62
17,420.00	91.78	0.51	10,192.46	7,720.99	7,719.23	473.28	7,733.72	3.51	474,382.90	646,516.97
17,516.00	87.91	358.49	10,192.72	7,816.96	7,815.20	472.44	7,829.47	3.46	474,478.87	646,516.13
17,611.00	87.03	357.79	10,196.91	7,911.80	7,910.06	469.36	7,923.97	3.40	474,573.73	646,513.05
17,706.00	86.59	357.52	10,202.20	8,006.56	8,004.83	465.48	8,018.35	3.33	474,668.50	646,509.17
17,801.00	87.52	358.40	10,207.08	8,101.36	8,099.64	462.11	8,112.81	3.27	474,763.31	646,505.80
17,896.00	86.99	358.93	10,211.63	8,196.21	8,194.51	459.90	8,207.40	3.21	474,858.18	646,503.59
17,991.00	87.52	359.81	10,216.18	8,291.09	8,289.39	458.85	8,302.08	3.17	474,953.06	646,502.54
18,085.00	87.25	0.16	10,220.47	8,384.99	8,383.29	458.83	8,395.84	3.13	475,046.96	646,502.52
18,180.00	89.45	359.98	10,223.20	8,479.95	8,478.25	458.94	8,490.66	3.10	475,141.92	646,502.63
18,274.00	89.71	0.42	10,223.89	8,573.94	8,572.24	459.27	8,584.54	3.07	475,235.91	646,502.96
18,369.00	89.41	0.78	10,224.62	8,668.94	8,667.23	460.27	8,679.45	3.04	475,330.90	646,503.96
18,463.00	89.85	1.21	10,225.23	8,762.93	8,761.22	461.90	8,773.39	3.02	475,424.89	646,505.59
18,558.00	89.49	1.83	10,225.78	8,857.90	8,856.18	464.42	8,868.35	3.00	475,519.85	646,508.11
18,652.00	89.80	1.74	10,226.36	8,951.86	8,950.14	467.35	8,962.33	2.99	475,613.81	646,511.04
18,746.00	90.33	2.80	10,226.25	9,045.80	9,044.06	471.07	9,056.32	2.98	475,707.73	646,514.76
18,840.00	89.80	2.53	10,226.15	9,139.72	9,137.96	475.44	9,150.32	2.98	475,801.63	646,519.13
18,936.00	89.54	1.57	10,226.70	9,235.66	9,233.89	478.87	9,246.30	2.97	475,897.56	646,522.56
19,030.00	87.16	359.55	10,229.41	9,329.61	9,327.84	479.79	9,340.17	2.94	475,991.51	646,523.48
19,125.00	88.92	357.88	10,232.66	9,424.52	9,422.75	477.66	9,434.85	2.90	476,086.42	646,521.35
19,220.00	89.49	358.23	10,233.97	9,519.44	9,517.69	474.44	9,529.50	2.85	476,181.36	646,518.13



ProDirectional Survey Report



Company:	Marathon Oil	Local Co-ordinate Reference:	Well No. 9H
Project:	Eddy County, NM(NAD 83)	TVD Reference:	Well @ 3028.00usft
Site:	Blue Steel 21 WA Fee	MD Reference:	Well @ 3028.00usft
Well:	No. 9H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	MWD-158'-20261', PTB: 20328'	Database:	WellPlanner1

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Northing (usft)	Easting (usft)	
19,315.00	87.03	356.82	10,236.86	9,614.28	9,612.55	470.34	9,624.05	2.80	476,276.22	646,514.03	
19,410.00	89.27	356.82	10,239.92	9,709.06	9,707.34	465.07	9,718.48	2.74	476,371.01	646,508.76	
19,505.00	90.55	358.31	10,240.07	9,803.95	9,802.25	461.04	9,813.09	2.69	476,465.92	646,504.73	
19,600.00	91.16	359.72	10,238.66	9,898.92	9,897.23	459.40	9,907.88	2.66	476,560.90	646,503.09	
19,694.00	93.45	2.09	10,234.88	9,992.82	9,991.12	460.89	10,001.75	2.64	476,654.79	646,504.58	
19,788.00	90.77	1.13	10,231.41	10,086.72	10,085.01	463.52	10,095.66	2.63	476,748.68	646,507.21	
19,883.00	91.34	0.60	10,229.67	10,181.70	10,179.99	464.96	10,190.60	2.62	476,843.66	646,508.65	
19,978.00	90.59	1.30	10,228.07	10,276.67	10,274.96	466.53	10,285.54	2.60	476,938.63	646,510.22	
20,072.00	90.33	2.01	10,227.31	10,370.64	10,368.92	469.25	10,379.53	2.59	477,032.59	646,512.94	
20,167.00	88.88	1.13	10,227.97	10,465.61	10,463.87	471.85	10,474.51	2.58	477,127.54	646,515.54	
20,261.00	87.56	1.21	10,230.89	10,559.55	10,557.81	473.77	10,568.43	2.57	477,221.48	646,517.46	
Last Survey: 20261' MD											
20,328.00	87.56	1.21	10,233.74	10,626.48	10,624.73	475.18	10,635.35	2.56	477,288.40	646,518.87	
PTB: 20328' MD											

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
411.00	411.00	1.55	0.30	Pro MWD First Survey: 411' MD	
20,261.00	10,230.89	10,557.81	473.77	Last Survey: 20261' MD	
20,328.00	10,233.74	10,624.73	475.18	PTB: 20328' MD	

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 14285

CONDITIONS OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:
MARATHON OIL PERMIAN LLC 5555 San Felipe St. Permian Regulatory Team Houston, TX77056	372098	14285	C-104C
OCD Reviewer	Condition		
abustamante	None		