

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

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 Matador Production Company 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240		² OGRID Number 228937
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 0 15-47243	⁵ Pool Name CULEBRA BLUFF;BONE SPRING, SOUTH	⁶ Pool Code 15011
⁷ Property Code 328503	⁸ Property Name ACE STERN VEGAS FEE 22 21	⁹ Well Number 137H

II. ¹⁰ Surface Location

UL or lot no. M	Section 21	Township 22S	Range 28E	Lot Idn	Feet from the 1240	North/South Line South	Feet from the 320	East/West line West	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. I	Section 22	Township 22S	Range 28E	Lot Idn	Feet from the 1358	North/South line South	Feet from the 95	East/West line East	County Eddy
¹² Lse Code P	¹³ Producing Method Code F	¹⁴ Gas Connection Date 11/17/2020	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
372018	Longwood RB Pipeline, LLC 5400 LBJ Freeway, Ste. 1500 Dallas, TX 75240	G
214984	PLAINS MARKETING, L.P. 17304 PRESTON RD. STE 140 DALLAS, TX 75252	O

IV. Well Completion Data

²¹ Spud Date 7/20/2020	²² Ready Date 11/17/2020	²³ TD 19560' MD; 9496' TVD	²⁴ PBDT	²⁵ Perforations 9363'-19404'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17-1/2"		13-3/8"	384'		635
9-7/8"		7-5/8"	8,604' <i>Stage Tool 2523'</i>		930sx 780
6-3/4"		5-1/2"	19,549'		1055

V. Well Test Data

³¹ Date New Oil 11/17/2020	³² Gas Delivery Date 11/17/2020	³³ Test Date 11/24/2020	³⁴ Test Length 24	³⁵ Tbg. Pressure --	³⁶ Csg. Pressure 2075
³⁷ Choke Size 46/64	³⁸ Oil 2286	³⁹ Water 6144	⁴⁰ Gas 4477		⁴¹ Test Method F

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: <i>Brett Jennings</i>		OIL CONSERVATION DIVISION	
Printed name: Brett Jennings		Approved by: <i>[Signature]</i>	
Title: Regulatory Analyst		Title: BUSINESS OP. SPEC.	
E-mail Address: Brett.Jennings@matadorresources.com		Approval Date: 02/26/2021	
Date: 12/04/2020	Phone: 972-629-2160		

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-47243	² Pool Code 15011	³ Pool Name BONE SPRING SOUTH
⁴ Property Code 328503	⁵ Property Name ACE STERN VEGAS FEE 22-21	⁶ Well Number 137H
⁷ OGRID No. 228937	⁸ Operator Name MATADOR PRODUCTION COMPANY	⁹ Elevation 3066'

¹⁰Surface Location

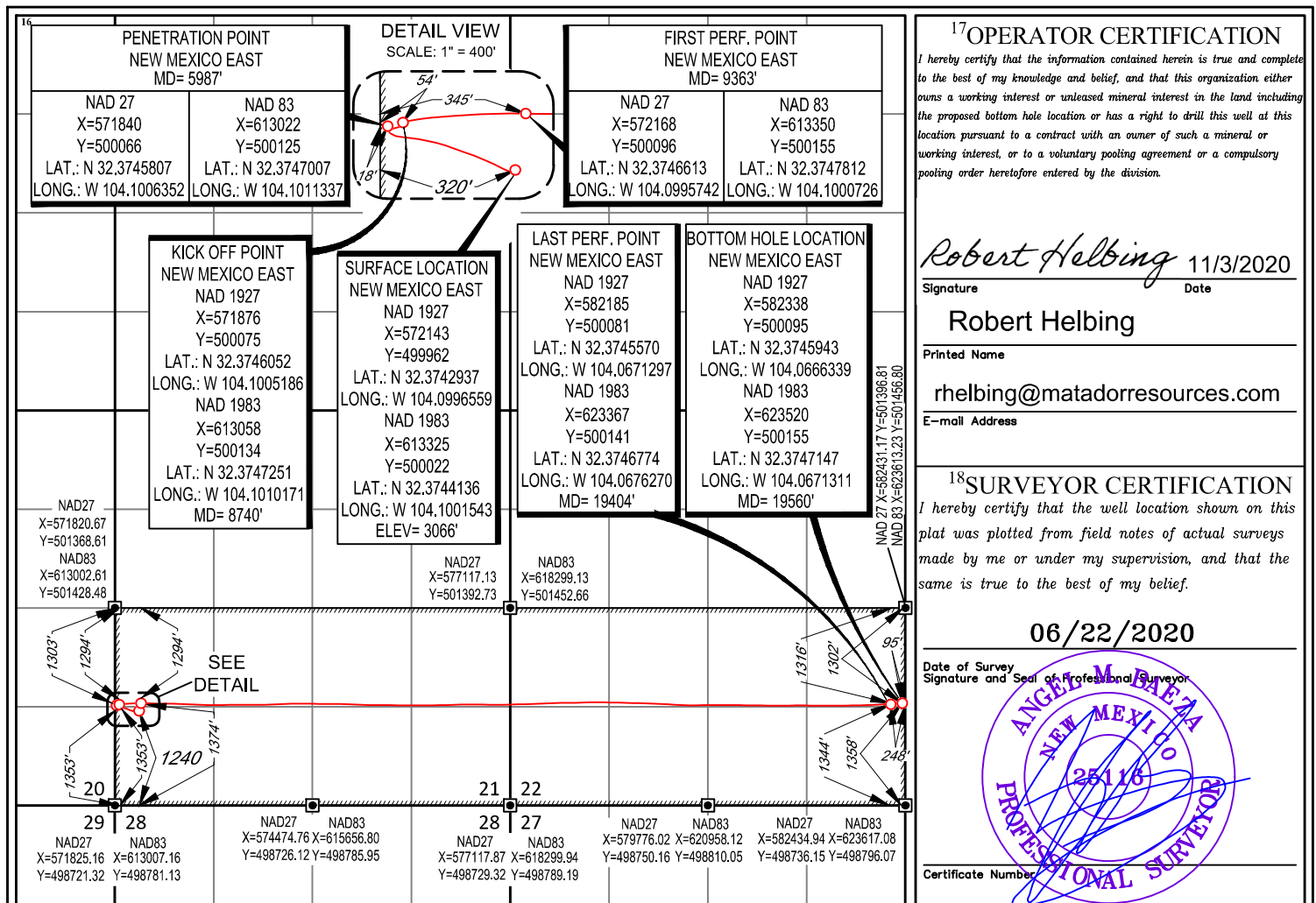
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	21	22-S	28-E	-	1240'	SOUTH	320'	WEST	EDDY

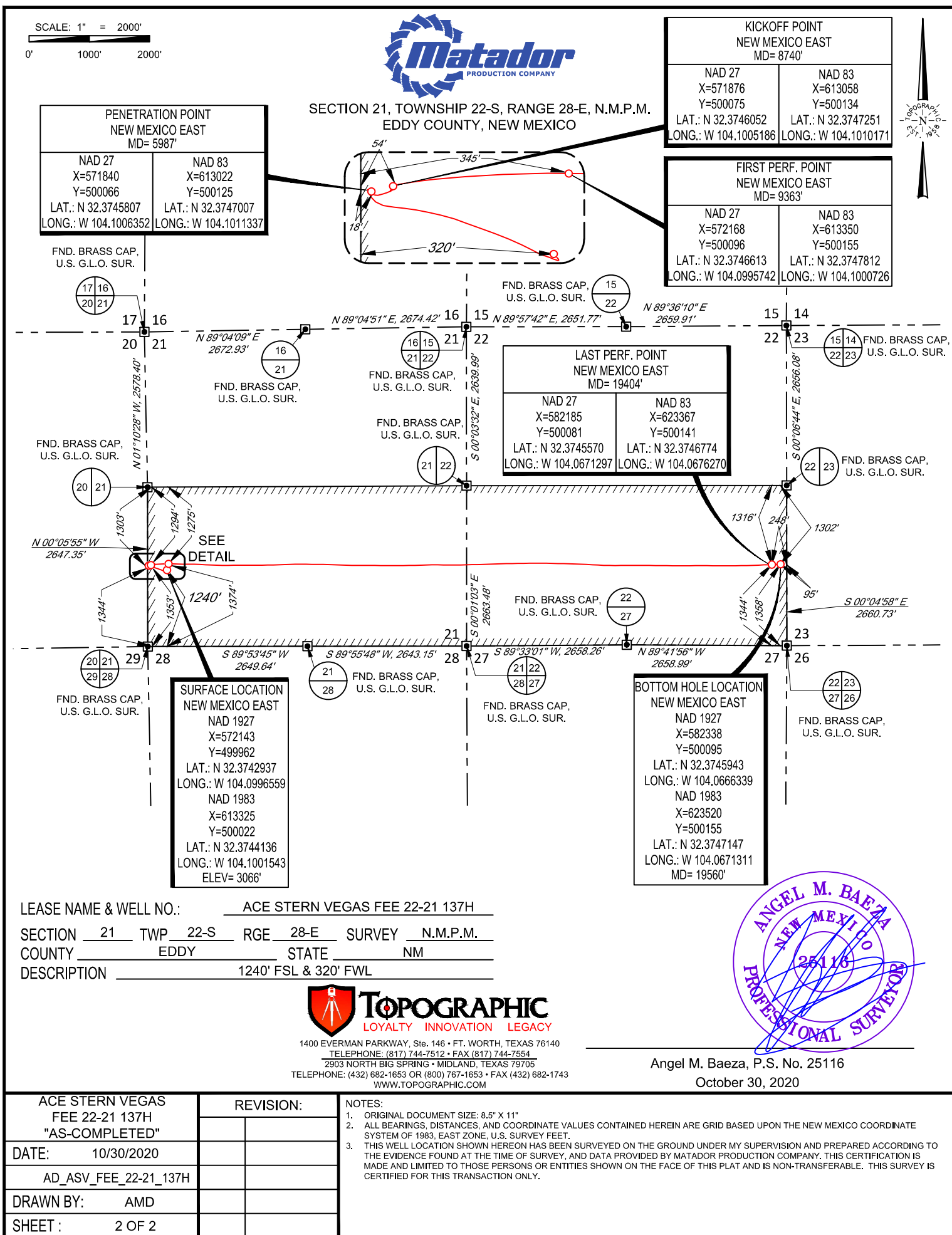
¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	22	22-S	28-E	-	1358'	SOUTH	95'	EAST	EDDY

¹² Dedicated Acres 640	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.







3335 Pollok Drive
Conroe, Texas 77303
936.442.2500 (office)
www.msdir.com

MS Directional LLC Survey Data Certification

MS Directional LLC Job Number: MSMO-78109
Survey Type: MWD
Operating Company: Matador Resources
Well Name and Number: Ace Stern Vegas Fee 22-21 137H
Location: Eddy, New Mexico
API Number: 30-015-47243
Tie In Depth: 0.00
Surveyed Depths: 188.00' - 19469.00'
Projected TD Survey: 19560.00'
Dates Performed: 07/19/2020 - 09/16/2020

To the best of my knowledge, I certify the following:

1. The data is true, correct and complete and within the limitations of the tool set forth by MS Directional LLC
2. I am authorized and qualified to make this report; and
3. I have reviewed this report and find it conforms to the principles and procedures as set forth by MS Directional LLC

MWD Surveyor Name: Jason Fulton

MWD Operations Manager: Charles Davis

Signature:

A handwritten signature in black ink, appearing to read "CWD" followed by a stylized flourish.

Date: 09/22/2020

Email: charles.davis@msdir.com



Matador Resources
Eddy County, New Mexico (NAD 27)
30-015-47243
Ace Stern Vegas Fee 22-21 137H
Wellbore 1

MS MWD
Certified Survey Report
22 September 2020



Field	Eddy County, New Mexico (NAD 27) - Matador Resources		
CRS	US-SPC27-EXACT / New Mexico East 3001		
Apply Scale Factor	NO	Scale Factor	0.9999090909
System Datum	Mean Sea Level	Depth Datum->MSL	3094.49 UsFt

Well	Ace Stern Vegas Fee 22-21 137H		
Local North	-0.00 UsFt	Local East	-0.00 UsFt
Map Northing	499961.87 US survey foot	Map Easting	572143.06 US survey foot
Latitude	32° 22' 27.45717" N	Longitude	104° 5' 58.76106" W
Depth Datum	Well	Datum Elevation	3094.50 UsFt
GL Elevation	3066.00 UsFt		
Grid Convergence	0.125		

Well bore	Ace Stern Vegas Fee 22-21 137H - Wellbore 1		
Magnetic Model	User defined	Date	17/07/2020
Total Field (nT)	47808.90	Dip Angle (°)	60.083
Declination (°)	7.033		
VS Origin	User Defined	VS Azimuth	89.92
VS Origin NS	0.00 UsFt	VS Origin EW	0.00 UsFt

Survey Program	MS MWD		
Depth From (UsFt)	0.00	Survey	MS MWD
Depth To (UsFt)	19560.00	Survey Tool	MWD+HRGM

Survey Report

MD UsFt	Inc °	Azi °	TVD UsFt	NS UsFt	EW UsFt	VS UsFt	DLS (°/100 UsFt)	BR (°/100 UsFt)	TR (°/100 UsFt)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
188.00	0.60	170.50	188.00	-0.97	0.16	0.16	0.32	0.32	90.69
318.00	0.30	91.20	317.99	-1.65	0.62	0.61	0.48	-0.23	-61.00
475.00	0.50	133.30	474.99	-2.13	1.52	1.52	0.22	0.13	26.82
654.00	0.70	130.60	653.98	-3.37	2.92	2.92	0.11	0.11	-1.51
837.00	1.10	130.30	836.96	-5.24	5.11	5.10	0.22	0.22	-0.16
1020.00	1.00	137.80	1019.93	-7.56	7.52	7.51	0.09	-0.05	4.10
1204.00	0.80	193.90	1203.91	-9.99	8.29	8.28	0.47	-0.11	30.49
1296.00	1.30	271.80	1295.89	-10.58	7.10	7.08	1.50	0.54	84.67
1388.00	2.70	290.80	1387.84	-9.78	4.03	4.01	1.66	1.52	20.85
1480.00	2.80	287.80	1479.73	-8.33	-0.14	-0.15	0.19	0.11	-3.26
1571.00	4.40	294.30	1570.55	-6.21	-5.44	-5.44	1.81	1.76	7.14
1663.00	3.50	284.80	1662.33	-4.04	-11.37	-11.37	1.21	-0.98	-10.33
1755.00	4.10	288.80	1754.13	-2.21	-17.18	-17.18	0.74	0.65	5.43
1847.00	6.20	295.80	1845.75	1.07	-24.75	-24.74	2.35	2.28	6.52
2031.00	3.30	298.40	2028.10	7.91	-38.35	-38.34	1.58	-1.58	1.41
2222.00	6.40	295.70	2219.39	15.15	-52.78	-52.76	1.63	1.62	-1.41
2411.00	8.00	292.70	2406.90	24.79	-74.41	-74.38	0.87	0.85	-1.59
2600.99	7.50	290.50	2595.15	34.23	-98.22	-98.17	0.31	-0.26	-1.16
2790.99	7.30	288.70	2783.57	42.45	-121.27	-121.21	0.16	-0.11	-0.95
2980.99	7.00	291.60	2972.09	50.58	-143.47	-143.40	0.25	-0.16	1.53
3171.99	7.00	288.30	3161.67	58.52	-165.34	-165.26	0.21	0.00	-1.73
3361.99	6.70	283.40	3350.32	64.72	-187.11	-187.02	0.35	-0.16	-2.58
3551.99	6.20	281.30	3539.11	69.30	-207.96	-207.86	0.29	-0.26	-1.11
3742.99	6.20	279.90	3729.00	73.10	-228.23	-228.13	0.08	0.00	-0.73
3932.99	5.40	276.70	3918.02	75.90	-247.22	-247.11	0.45	-0.42	-1.68
4122.99	5.60	275.60	4107.15	77.85	-265.32	-265.21	0.12	0.11	-0.58
4312.99	5.10	281.80	4296.32	80.48	-282.82	-282.70	0.40	-0.26	3.26
4502.99	3.70	314.90	4485.79	86.54	-295.43	-295.31	1.50	-0.74	17.42
4693.99	2.70	318.80	4676.49	94.27	-302.76	-302.62	0.54	-0.52	2.04
4883.99	1.00	353.60	4866.38	99.29	-305.89	-305.75	1.03	-0.89	18.32
5073.99	0.90	348.10	5056.36	102.40	-306.38	-306.24	0.07	-0.05	-2.89
5263.99	0.70	319.00	5246.34	104.73	-307.45	-307.30	0.23	-0.11	-15.32
5453.99	0.80	313.30	5436.32	106.52	-309.18	-309.03	0.07	0.05	-3.00
5643.99	0.80	108.10	5626.32	107.01	-308.88	-308.73	0.82	0.00	81.47
5834.99	1.40	116.50	5817.28	105.56	-305.53	-305.38	0.32	0.31	4.40
6024.99	1.20	127.00	6007.23	103.33	-301.86	-301.72	0.16	-0.11	5.53
6214.99	1.10	137.40	6197.19	100.79	-299.04	-298.90	0.12	-0.05	5.47
6404.99	1.10	142.20	6387.16	98.00	-296.69	-296.55	0.05	0.00	2.53
6594.99	2.40	77.30	6577.08	97.44	-291.69	-291.55	1.14	0.68	-34.16
6784.99	2.30	69.20	6766.92	99.66	-284.24	-284.10	0.18	-0.05	-4.26
6975.99	2.30	75.40	6957.77	101.99	-276.95	-276.81	0.13	0.00	3.25
7165.99	1.50	64.00	7147.66	104.04	-271.02	-270.88	0.46	-0.42	-6.00
7355.99	1.40	53.30	7337.60	106.52	-266.93	-266.78	0.15	-0.05	-5.63
7546.98	1.50	74.50	7528.53	108.58	-262.65	-262.50	0.28	0.05	11.10
7736.98	1.50	269.40	7718.51	109.22	-262.74	-262.59	1.57	0.00	86.89
7927.98	0.90	243.30	7909.47	108.52	-266.58	-266.43	0.42	-0.31	-13.66
8117.98	1.20	220.00	8099.44	106.33	-269.19	-269.04	0.27	0.16	-12.26
8307.98	0.30	269.20	8289.42	104.80	-270.97	-270.82	0.54	-0.47	25.89
8402.98	0.40	7.00	8384.42	105.12	-271.18	-271.03	0.56	0.11	102.95
8497.98	1.30	21.00	8479.41	106.46	-270.75	-270.60	0.97	0.95	14.74



Survey Report

MD UsFt	Inc °	Azi °	TVD UsFt	NS UsFt	EW UsFt	VS UsFt	DLS (°/100 UsFt)	BR (°/100 UsFt)	TR (°/100 UsFt)
8536.98	1,70	27,00	8518.39	107,39	-270,33	-270,18	1,10	1,03	15,38
8658,00	1,70	27,50	8639,36	110,58	-268,68	-268,53	0,01	0,00	0,41
8753,00	2,60	54,10	8734,30	113,09	-266,29	-266,13	1,39	0,95	28,00
8848,00	9,80	79,50	8828,69	115,83	-256,58	-256,42	7,93	7,58	26,74
8943,00	18,50	81,10	8920,72	119,64	-233,69	-233,53	9,17	9,16	1,68
9038,00	27,00	83,80	9008,25	124,31	-197,30	-197,12	9,01	8,95	2,84
9134,00	37,40	86,20	9089,38	128,61	-146,40	-146,22	10,91	10,83	2,50
9229,00	45,70	87,30	9160,41	132,13	-83,55	-83,36	8,77	8,74	1,16
9324,00	56,60	89,40	9219,92	134,15	-9,71	-9,52	11,60	11,47	2,21
9419,00	64,80	91,70	9266,37	133,29	73,06	73,24	8,89	8,63	2,42
9514,00	79,10	91,70	9295,73	130,62	163,11	163,29	15,05	15,05	0,00
9609,00	88,70	90,60	9305,82	128,73	257,44	257,62	10,17	10,11	-1,16
9705,00	87,50	90,10	9309,00	128,15	353,38	353,56	1,35	-1,25	-0,52
9800,00	85,10	92,00	9315,13	126,41	448,16	448,33	3,22	-2,53	2,00
9895,00	87,90	92,40	9320,93	122,77	542,90	543,07	2,98	2,95	0,42
9990,00	87,20	92,70	9324,99	118,55	637,72	637,88	0,80	-0,74	0,32
10085,00	80,80	92,10	9334,92	114,59	732,06	732,22	6,77	-6,74	-0,63
10180,00	82,30	91,90	9348,87	111,31	825,97	826,13	1,59	1,58	-0,21
10275,00	85,60	90,80	9358,89	109,09	920,40	920,55	3,66	3,47	-1,16
10370,00	87,40	89,90	9364,89	108,51	1015,22	1015,37	2,12	1,89	-0,95
10465,00	92,50	89,30	9364,77	109,18	1110,19	1110,34	5,41	5,37	-0,63
10560,00	96,20	88,60	9357,56	110,91	1204,88	1205,03	3,96	3,89	-0,74
10655,00	93,60	89,90	9349,45	112,15	1299,51	1299,67	3,06	-2,74	1,37
10750,00	89,00	90,50	9347,30	111,81	1394,46	1394,62	4,88	-4,84	0,63
10844,00	88,80	90,60	9349,10	110,91	1488,44	1488,59	0,24	-0,21	0,11
10936,00	88,60	89,60	9351,19	110,75	1580,42	1580,57	1,11	-0,22	-1,09
11028,00	89,30	88,10	9352,87	112,60	1672,38	1672,53	1,80	0,76	-1,63
11120,00	89,00	88,40	9354,24	115,41	1764,32	1764,48	0,46	-0,33	0,33
11211,00	86,90	88,10	9357,49	118,18	1855,22	1855,38	2,33	-2,31	-0,33
11303,00	85,00	87,60	9363,99	121,63	1946,92	1947,09	2,14	-2,07	-0,54
11395,00	85,80	87,70	9371,37	125,39	2038,55	2038,72	0,88	0,87	0,11
11487,00	88,00	90,20	9376,34	127,07	2130,38	2130,56	3,62	2,39	2,72
11578,00	89,80	89,90	9378,09	126,99	2221,36	2221,54	2,01	1,98	-0,33
11670,00	92,80	91,50	9376,00	125,87	2313,32	2313,49	3,70	3,26	1,74
11762,00	88,20	89,80	9375,20	124,82	2405,28	2405,45	5,33	-5,00	-1,85
11857,00	87,20	90,30	9379,01	124,74	2500,20	2500,37	1,18	-1,05	0,53
11952,00	83,30	90,90	9386,88	123,75	2594,85	2595,02	4,15	-4,11	0,63
12047,00	84,10	91,40	9397,30	121,85	2689,26	2689,43	0,99	0,84	0,53
12143,00	86,50	91,90	9405,17	119,10	2784,89	2785,05	2,55	2,50	0,52
12238,00	90,90	92,30	9407,32	115,62	2879,78	2879,94	4,65	4,63	0,42
12333,00	89,50	92,20	9406,99	111,89	2974,70	2974,85	1,48	-1,47	-0,11
12428,00	92,00	91,40	9405,75	108,91	3069,64	3069,79	2,76	2,63	-0,84
12523,00	90,50	90,40	9403,68	107,41	3164,60	3164,75	1,90	-1,58	-1,05
12618,00	86,50	89,00	9406,16	107,91	3259,54	3259,69	4,46	-4,21	-1,47
12713,00	90,50	91,00	9408,65	107,91	3354,49	3354,63	4,71	4,21	2,11
12809,00	91,70	90,80	9406,81	106,40	3450,46	3450,60	1,27	1,25	-0,21
12904,00	93,30	90,20	9402,66	105,57	3545,36	3545,50	1,80	1,68	-0,63
12999,00	90,30	91,30	9399,68	104,33	3640,29	3640,43	3,36	-3,16	1,16
13094,00	90,60	90,30	9398,93	103,00	3735,28	3735,42	1,10	0,32	-1,05
13189,00	88,90	89,00	9399,35	103,58	3830,27	3830,41	2,25	-1,79	-1,37
13284,00	90,50	89,50	9399,85	104,83	3925,26	3925,40	1,76	1,68	0,53
13379,00	86,60	88,50	9402,25	106,48	4020,19	4020,34	4,24	-4,11	-1,05
13475,00	87,20	88,60	9407,44	108,91	4116,02	4116,17	0,63	0,63	0,10
13570,00	86,80	88,40	9412,41	111,39	4210,86	4211,01	0,47	-0,42	-0,21
13664,00	85,60	88,30	9418,64	114,09	4304,61	4304,77	1,28	-1,28	-0,11
13759,00	87,40	89,30	9424,44	116,08	4399,41	4399,57	2,17	1,89	1,05
13854,00	88,50	90,20	9427,84	116,49	4494,34	4494,50	1,50	1,16	0,95
13949,00	89,80	90,90	9429,25	115,58	4589,33	4589,48	1,55	1,37	0,74
14044,00	91,20	91,10	9428,42	113,92	4684,31	4684,46	1,49	1,47	0,21
14140,00	90,10	90,40	9427,33	112,67	4780,29	4780,44	1,36	-1,15	-0,73
14235,00	89,30	88,90	9427,83	113,25	4875,28	4875,44	1,79	-0,84	-1,58
14330,00	89,00	87,60	9429,24	116,15	4970,23	4970,38	1,40	-0,32	-1,37
14424,00	88,30	88,60	9431,45	119,26	5064,15	5064,31	1,30	-0,74	1,06
14520,00	89,00	89,10	9433,71	121,19	5160,10	5160,26	0,90	0,73	0,52
14615,00	89,80	88,70	9434,71	123,01	5255,08	5255,24	0,94	0,84	-0,42
14710,00	88,40	87,40	9436,20	126,24	5350,00	5350,18	2,01	-1,47	-1,37
14805,00	88,40	86,60	9438,85	131,21	5444,84	5445,01	0,84	0,00	-0,84
14900,00	88,90	88,40	9441,09	135,36	5539,72	5539,90	1,97	0,53	1,89
14996,00	88,80	89,20	9443,02	137,37	5635,67	5635,86	0,84	-0,10	0,83
15091,00	91,10	89,70	9443,10	138,28	5730,66	5730,85	2,48	2,42	0,53
15186,00	91,50	89,10	9440,95	139,27	5825,63	5825,82	0,76	0,42	-0,63
15281,00	88,60	87,40	9440,86	142,17	5920,57	5920,77	3,54	-3,05	-1,79
15376,00	89,40	89,50	9442,52	144,74	6015,52	6015,72	2,37	0,84	2,21
15471,00	91,20	90,60	9442,02	144,66	6110,51	6110,71	2,22	1,89	1,16
15566,00	91,50	89,70	9439,79	144,41	6205,48	6205,68	1,00	0,32	-0,95
15661,00	91,00	91,50	9437,71	143,42	6300,45	6300,65	1,97	-0,53	1,89
15757,00	90,60	92,30	9436,37	140,23	6396,39	6396,58	0,93	-0,42	0,83
15853,00	91,50	91,50	9435,53	137,50	6491,35	6491,53	2,01	-1,47	-1,37



Survey Report

MD UsFt	Inc °	Azi °	TVD UsFt	NS UsFt	EW UsFt	VS UsFt	DLS (°/100 UsFt)	BR (°/100 UsFt)	TR (°/100 UsFt)
15947.00	88.50	90.70	9438.45	136.09	6586.32	6586.50	0.80	-0.74	-0.32
16042.00	88.40	90.70	9441.02	134.93	6681.27	6681.46	0.11	-0.11	0.00
16138.00	91.00	92.60	9441.52	132.17	6777.22	6777.40	3.35	2.71	1.88
16233.00	87.20	92.60	9443.01	127.86	6872.09	6872.26	4.00	-4.00	0.00
16328.00	87.80	93.20	9447.15	123.06	6966.88	6967.05	0.89	0.63	0.63
16423.00	90.30	92.70	9448.73	118.17	7061.73	7061.89	2.68	2.63	-0.53
16519.00	91.80	93.00	9446.97	113.39	7157.60	7157.75	1.59	1.56	0.31
16614.00	93.30	92.30	9442.74	109.01	7252.40	7252.54	1.74	1.58	-0.74
16709.00	94.00	91.20	9436.70	106.11	7347.16	7347.30	1.37	0.74	-1.16
16804.00	88.80	89.60	9434.37	105.45	7442.09	7442.23	5.73	-5.47	-1.68
16899.00	87.80	88.60	9437.19	106.94	7537.04	7537.18	1.49	-1.05	-1.05
16994.00	86.30	90.50	9442.08	107.69	7631.90	7632.04	2.55	-1.58	2.00
17089.00	86.20	89.70	9448.30	107.52	7726.70	7726.84	0.85	-0.11	-0.84
17185.00	86.50	89.00	9454.41	108.61	7822.49	7822.64	0.79	0.31	-0.73
17280.00	87.80	90.90	9459.13	108.69	7917.37	7917.51	2.42	1.37	2.00
17375.00	90.00	91.30	9460.95	106.87	8012.33	8012.47	2.35	2.32	0.42
17470.00	89.70	90.30	9461.20	105.54	8107.32	8107.46	1.10	-0.32	-1.05
17566.00	89.20	89.90	9462.13	105.37	8203.31	8203.45	0.67	-0.52	-0.42
17661.00	88.70	92.10	9463.87	103.72	8298.28	8298.41	2.37	-0.53	2.32
17756.00	88.90	91.20	9465.86	100.98	8393.21	8393.35	0.97	0.21	-0.95
17851.00	89.50	90.10	9467.18	99.90	8488.20	8488.33	1.32	0.63	-1.16
17946.00	89.70	89.50	9467.85	100.24	8583.19	8583.33	0.67	0.21	-0.63
18041.00	90.10	88.30	9468.01	102.06	8678.17	8678.31	1.33	0.42	-1.26
18137.00	90.30	87.70	9467.68	105.41	8774.12	8774.25	0.66	0.21	-0.63
18232.00	89.70	92.10	9467.68	105.57	8869.09	8869.23	4.67	-0.63	4.63
18327.00	90.70	91.40	9467.34	102.67	8964.04	8964.18	1.28	1.05	-0.74
18422.00	91.50	90.60	9465.52	101.02	9059.01	9059.14	1.19	0.84	-0.84
18517.00	92.10	89.40	9462.54	101.02	9153.96	9154.09	1.41	0.63	-1.26
18613.00	90.60	90.00	9460.27	101.52	9249.93	9250.06	1.68	-1.56	0.63
18708.00	88.90	89.60	9460.69	101.85	9344.93	9345.06	1.84	-1.79	-0.42
18803.00	90.00	89.90	9461.60	102.26	9439.92	9440.05	1.20	1.16	0.32
18898.00	88.10	89.50	9463.18	102.76	9534.90	9535.03	2.04	-2.00	-0.42
18993.00	86.10	88.50	9467.98	104.42	9629.76	9629.89	2.35	-2.11	-1.05
19088.00	85.30	87.50	9475.11	107.72	9724.43	9724.57	1.35	-0.84	-1.05
19183.00	86.90	87.70	9481.57	111.69	9819.12	9819.27	1.70	1.68	0.21
19279.00	88.70	87.00	9485.25	116.13	9914.95	9915.10	2.01	1.88	-0.73
19374.00	90.20	91.00	9486.16	117.78	10009.91	10010.06	4.50	1.58	4.21
19469.00	85.70	83.20	9489.57	122.57	10104.63	10104.79	9.47	-4.74	-8.21
19560.00	85.70	83.20	9496.39	133.32	10194.73	10194.91	0.00	0.00	0.00 PTB

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			12/04/2020 Form C-105 Revised April 3, 2017					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name ACE STERN VEGAS FEE 22 21		
								6. Well Number: 137H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator MATADOR PRODUCTION COMPANY							9. OGRID 228937			
10. Address of Operator One Lincoln Centre, 5400 LBJ Freeway Ste 1500, Dallas, TX 75240							11. Pool name or Wildcat CULEBRA BLUFF; BONE SPRING, SOUTH			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	M	21	22S	28E		1240	South	320	West	Eddy
BH:	I	22	22S	28E		1358	South	95	East	Eddy
13. Date Spudded 07/20/2020	14. Date T.D. Reached 09/15/2020		15. Date Rig Released 09/18/2020			16. Date Completed (Ready to Produce) 11/17/2020		17. Elevations (DF and RKB, RT, GR, etc.) 3066 GR		
18. Total Measured Depth of Well 19,560 MD / 9495 TVD			19. Plug Back Measured Depth 19,452		20. Was Directional Survey Made? Yes			21. Type Electric and Other Logs Run Attached		
22. Producing Interval(s), of this completion - Top, Bottom, Name 9,363-19,404 Bone Spring										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13 3/8		54.5		384		17 1/2		635 sxs - Class C		
7 5/8		29.7		8604		9 7/8		1710 sxs - Class C		
5 1/2		20		19,549		6 3/4		1055 sxs - NeoCem		
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		25. TUBING RECORD				
---						SIZE		DEPTH SET	PACKER SET	

26. Perforation record (interval, size, and number) 9,363-19,404 ; 54 stages						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						9,363-19,404		26,541,375 lbs total propanant		
28. PRODUCTION										
Date First Production 11/17/2020		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Flowing				Well Status (<i>Prod. or Shut-in</i>) Producing				
Date of Test 11/24/2020	Hours Tested 24	Choke Size 46/64	Prod'n For Test Period	Oil - Bbl 2,286	Gas - MCF 4,477	Water - Bbl. 6,144	Gas - Oil Ratio			
Flow Tubing Press.	Casing Pressure 2075	Calculated 24-Hour Rate	Oil - Bbl. 2,286	Gas - MCF 4,477	Water - Bbl. 6,144	Oil Gravity - API - (<i>Corr.</i>)				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) Sold								30. Test Witnessed By		
31. List Attachments As-Drilled C-102, Directional Survey, Log										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.								33. Rig Release Date:		
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude				Longitude				NAD83		
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature <i>Brett Jennings</i>			Name Brett Jennings			Title Regulatory Analyst			Date 12/03/2020	
E-mail Address Brett.Jennings@matadorresources.com										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt 485	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 2551	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T.Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T.Tubb	T. Delaware Sand 2588	T. Morrison	
T. Drinkard	T. Bone Springs 5986	T.Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

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 19158

CONDITIONS OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:
MATADOR PRODUCTION COMPANY 5400 LBJ Freeway, Ste 1500 One Lincoln Centre Dallas, TX75240	228937	19158	C-104C
OCD Reviewer	Condition		
abustamante	None		