

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 Marshall & Winston, Inc. P. O. Box 50880 Midland, TX 79710-0880		² OGRID Number 14187
		³ Reason for Filing Code/ Effective Date NW/07-2022
⁴ API Number 30 – 025-49507	⁵ Pool Name WC-025 G-06 S213326D;Bone Spring	⁶ Pool Code 97929
⁷ Property Code 39736	⁸ Property Name Loco Dinero 36 State Com	⁹ Well Number 8H

II. ¹⁰ Surface Location

UL or lot no. B	Section 36	Township 21S	Range 33E	Lot Idn	Feet from the 200	North/South Line North	Feet from the 1520	East/West line East	County Lea
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¹¹ Bottom Hole Location

UL or lot no. X O	Section 36	Township 21S	Range 33E	Lot Idn	Feet from the 24	North/South line South	Feet from the 1799	East/West line East	County Lea
¹² Lse Code S	¹³ Producing Method Code F	¹⁴ Gas Connection Date 07/08/22	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

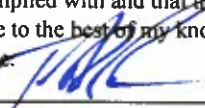
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
024650	Targa Midstream Services, L.P. 6 Desta Drive, Suite 3300 Midland, Texas 79705	G
329971	Oryx Delaware Oil Transport LLC 400 N. Big Spring St., Suite 500 Midland, Texas 79705	O

IV. Well Completion Data

²¹ Spud Date 02/14/22	²² Ready Date 07/08/22	²³ TD 16243'	²⁴ PBDT 16190'	²⁵ Perforations 11401-16166'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	1790'	1580 sx C		
12 1/4"	9 5/8"	5277'	2285 sx C		
8 3/4"	5 1/2"	16231'	2650 sx H		

V. Well Test Data

³¹ Date New Oil 07/09/22	³² Gas Delivery Date 07/08/22	³³ Test Date 07/17/22	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 1000#
³⁷ Choke Size 30/64"	³⁸ Oil 796	³⁹ Water 1985	⁴⁰ Gas 745		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: 		OIL CONSERVATION DIVISION	
Printed name: Todd Passmore		Approved by: PATRICIA MARTINEZ	
Title: Operations Manager		Title: PETROLEUM SPECIALIST	
E-mail Address: tpassmore@mar-win.com		Approval Date: 9/23/2022	
Date: 07/27/22	Phone: 432-684-6373		

DISTRICT I
1625 N. FRENCH DR., BOHNS, NM 88240
Phone: (505) 398-6181 Fax: (505) 398-6788

DISTRICT II
511 S. FIRST ST., ARTESIA, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-6720

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 834-6178 Fax: (505) 834-6170

DISTRICT IV
1250 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 478-3480 Fax: (505) 478-8468

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-025-49507	97929	WC-025 G-06 S213326D;Bone Spring
Property Code	Property Name	Well Number
39736	LOCO DINERO 36 STATE COM	8 H
OGRI No.	Operator Name	Elevation
14187	MARSHALL & WINSTON, INC.	3643.7'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	36	21-S	33-E		200	N	1520	E	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	36	21-S	33-E		24	S	1799	E	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
640		Communitized	NSL-2133

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

SECTION 36

NAD 83 NME
FIRST TAKE POINT
Y=525239.5 N
X=791237.1 E
LAT.=32.441344' N
LONG.=103.523282' W
MD=11,402'

DATA SHOWN HEREON
WAS DERIVED FROM
DATA PROVIDED BY
AIM DIRECTIONAL
SERVICES, LLC DATED
3/25/2022

NAD 83 NME
SURFACE LOCATION
Y=525467.3 N
X=791487.4 E
LAT.=32.441964' N
LONG.=103.522465' W

NAD 83 NME
BOTTOM
HOLE LOCATION
Y=520408.9 N
X=791247.1 E
LAT.=32.428066' N
LONG.=103.523368' W

NAD 83 NME
LAST TAKE POINT
Y=520484.9 N
X=791238.9 E
LAT.=32.428275' N
LONG.=103.523393' W
MD=16,167'

426' FTP

200' SHL

1520'

1772'

1807'

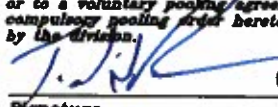
1799'

LTP 100'

BHL 24'

OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the Division.

 07/07/22
Signature Date

Todd Passmore
Printed Name

tpassmore@mar-win.com
E-mail Address

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.

AUG. 26, 2021/MAR. 1, 2022
Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



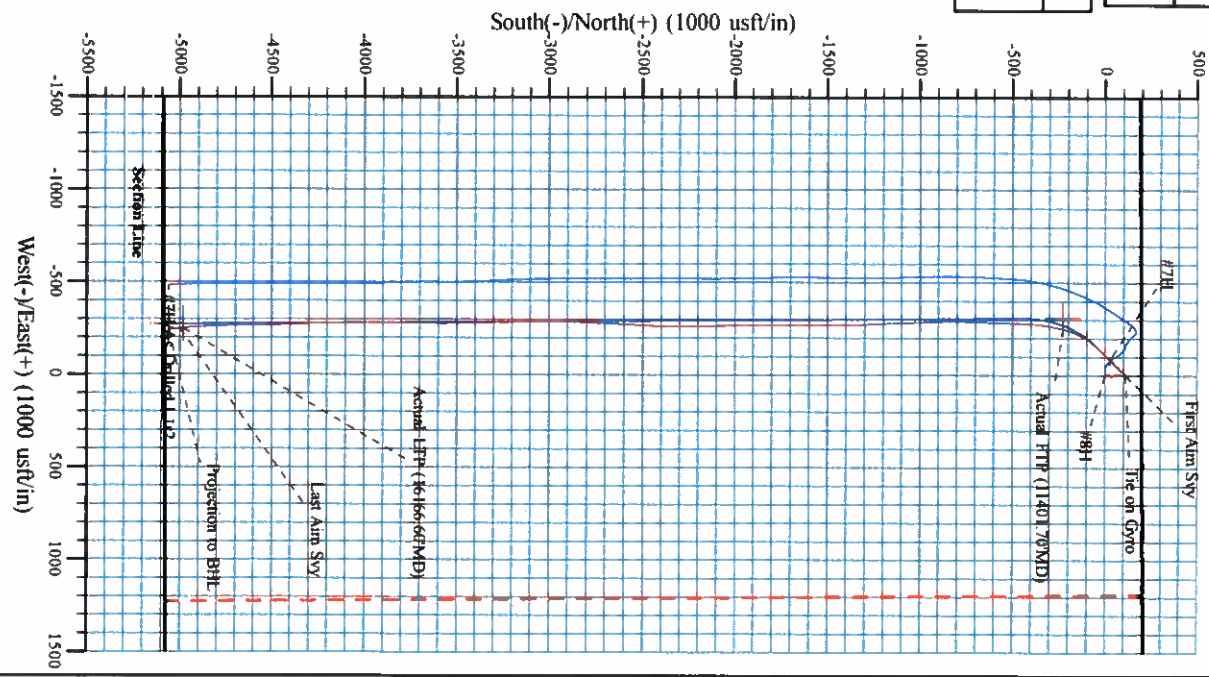
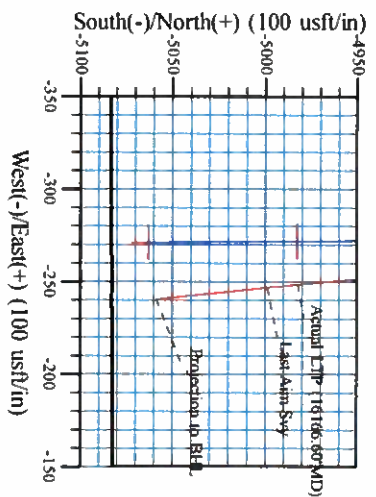
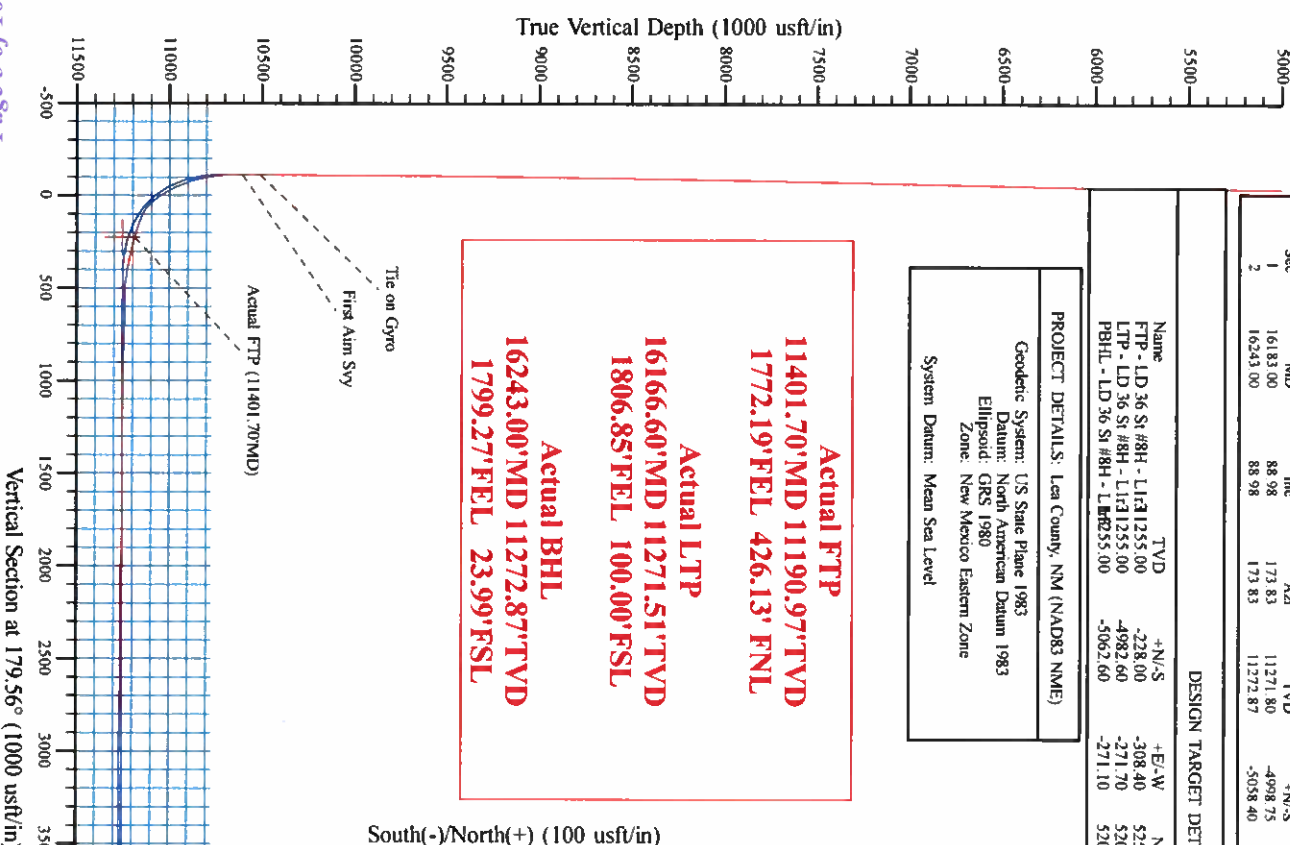
Luis Landaverde 7/5/21
Certificate No. 26407
W.O. #22-69 DRAWN BY: TS



SECTION DETAILS									
Sec	MD	Inc	Azi	TV/D	+N./S	+E./W	Dleg	TFace	V/Sect Target
1	16183.00	88.98	173.83	11271.80	-4998.75	-246.78	0.000	0.00	4996.71
2	16243.00	88.98	173.83	11272.87	-5058.40	-240.33	0.000	0.00	5056.40

DESIGN TARGET DETAILS							
Name	TVD	+N/S	+E/W	Nothing	Easting	Latitude	Longitude
FTP - LD 36 St #8H - L1E1255.00		-328.60	-308.40	525329.30	791179.00	32° 26' 28.839 N	103° 31' 24.492 W
LTP - LD 36 St #8H - L1E1255.00		-498.60	-271.70	520484.70	791215.70	32° 25' 41.791 N	103° 31' 24.485 W
PBHL - LD 36 St #8H - L1E1255.00		-5062.60	-271.10	520404.70	791216.30	32° 25' 40.999 N	103° 31' 24.485 W

PROJECT DETAILS: Lea County, NM (NAD83 NME)	SITE DETAILS: Loco Dineo 36 State Com #8H
Geodetic System: US State Plane 1983	Site Centre Northing: 525467.30
Datum: North American Datum 1983	Eastng: 791487.40
Ellipsoid: GRS 1980	
Zone: New Mexico Eastern Zone	
System Datum: Mean Sea Level	Positional Uncertainty: 0.00
	Convergence: 0.44
	Local North: Grid



Aim Directional Services, LLC

Survey Report

Company:	Marshall & Winston, Inc.	Local Co-ordinate Reference:	Well #8H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Updated @ 3668.00usft (25'KB)
Site:	Loco Dinero 36 State Com #8H	MD Reference:	Updated @ 3668.00usft (25'KB)
Well:	#8H	North Reference:	Grid
Wellbore:	Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.1 Single User Db-PR

Project	Lea County, NM (NAD83 NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Loco Dinero 36 State Com #8H		
Site Position:		Northing:	525,467.30 usft
From:	Map	Easting:	791,487.40 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 26' 31.072 N
		Longitude:	103° 31' 20.874 W
		Grid Convergence:	0.44 °

Well	#8H		
Well Position	+N/-S	0.00 usft	Northing: 525,467.30 usft
	+E/-W	0.00 usft	Easting: 791,487.40 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 26' 31.072 N
		Longitude:	103° 31' 20.874 W
		Ground Level:	3,643.00 usft

Wellbore	Drilling		
Magnetics	Model Name	Sample Date	Declination (°)
	MVHD	3/1/2022	6.34
			Dip Angle (°) 60.14
			Field Strength (nT) 47,801.390

Design	Surveys		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.00	0.00	0.00
			Direction (°) 179.56

Survey Program	Date 3/25/2022		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name
79.79	10,514.13	Gyro Svy (Drilling)	GYRO-NS-CT
10,608.00	16,243.00	Aim MWD Svys (Curve&Lateral) (Drilling)	MWD+HDGM
			Description
			OWSG XYZ Accel with XY Static and Continuous
			OWSG MWD + HDGM

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	
79.79	0.32	160.33	79.79	-0.21	0.08	0.21	0.401	0.401	0.000	
167.97	0.48	159.64	167.97	-0.79	0.29	0.79	0.182	0.181	-0.782	
259.98	0.65	164.57	259.97	-1.65	0.56	1.66	0.192	0.185	5.358	
351.38	0.56	161.23	351.37	-2.58	0.84	2.58	0.106	-0.098	-3.654	
441.67	0.52	159.22	441.65	-3.38	1.13	3.38	0.049	-0.044	-2.226	
533.10	0.50	156.76	533.08	-4.13	1.43	4.14	0.032	-0.022	-2.691	
625.20	0.46	156.00	625.18	-4.84	1.74	4.85	0.044	-0.043	-0.825	
716.70	0.44	151.58	716.67	-5.48	2.06	5.50	0.044	-0.022	-4.831	
808.57	0.43	142.48	808.54	-6.07	2.44	6.08	0.076	-0.011	-9.905	

Aim Directional Services, LLC

Survey Report

Company:	Marshall & Winston, Inc.	Local Co-ordinate Reference:	Well #8H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Updated @ 3668.00usft (25'KB)
Site:	Loco Dinero 36 State Com #8H	MD Reference:	Updated @ 3668.00usft (25'KB)
Well:	#8H	North Reference:	Grid
Wellbore:	Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.1 Single User Db-PR

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
900.14	0.37	137.26	900.11	-6.56	2.85	6.58	0.077	-0.066	-5.701
992.87	0.35	127.70	992.84	-6.95	3.27	6.97	0.068	-0.022	-10.309
1,085.29	0.14	122.94	1,085.26	-7.18	3.59	7.21	0.228	-0.227	-5.150
1,174.56	0.03	305.06	1,174.53	-7.23	3.66	7.26	0.190	-0.123	-199.260
1,263.99	0.28	302.94	1,263.96	-7.10	3.46	7.12	0.280	0.280	-2.371
1,353.38	0.52	309.76	1,353.34	-6.72	2.97	6.74	0.273	0.268	7.629
1,442.68	0.76	316.98	1,442.64	-6.03	2.25	6.04	0.283	0.269	8.085
1,532.29	1.03	331.93	1,532.24	-4.88	1.47	4.89	0.396	0.301	16.683
1,621.94	1.37	340.78	1,621.87	-3.16	0.73	3.16	0.431	0.379	9.872
1,711.29	1.46	344.22	1,711.19	-1.05	0.07	1.05	0.138	0.101	3.850
1,800.74	1.45	350.23	1,800.61	1.16	-0.43	-1.16	0.171	-0.011	6.719
1,889.88	1.46	351.41	1,889.72	3.39	-0.79	-3.40	0.035	0.011	1.324
1,979.23	1.35	356.10	1,979.05	5.57	-1.03	-5.58	0.178	-0.123	5.249
2,068.55	1.36	357.72	2,068.34	7.68	-1.15	-7.69	0.044	0.011	1.814
2,158.03	1.26	358.35	2,157.80	9.72	-1.22	-9.73	0.113	-0.112	0.704
2,247.45	1.23	355.88	2,247.20	11.66	-1.31	-11.67	0.069	-0.034	-2.762
2,336.68	1.14	344.74	2,336.41	13.47	-1.62	-13.49	0.277	-0.101	-12.485
2,426.04	1.09	351.36	2,425.75	15.17	-1.98	-15.19	0.155	-0.056	7.408
2,515.55	1.06	350.79	2,515.24	16.83	-2.24	-16.85	0.036	-0.034	-0.637
2,605.03	1.03	351.05	2,604.71	18.44	-2.49	-18.46	0.034	-0.034	0.291
2,694.65	0.92	353.77	2,694.32	19.95	-2.70	-19.97	0.133	-0.123	3.035
2,784.03	0.87	354.39	2,783.69	21.34	-2.84	-21.36	0.057	-0.056	0.694
2,873.54	0.80	353.43	2,873.19	22.64	-2.98	-22.66	0.080	-0.078	-1.073
2,963.41	0.81	9.30	2,963.05	23.89	-2.95	-23.91	0.248	0.011	17.659
3,052.68	0.84	27.06	3,052.31	25.09	-2.55	-25.11	0.287	0.034	19.895
3,142.28	0.93	45.77	3,141.90	26.19	-1.73	-26.20	0.336	0.100	20.882
3,231.73	1.10	60.02	3,231.33	27.12	-0.47	-27.12	0.339	0.190	15.931
3,321.03	1.21	64.57	3,320.62	27.95	1.13	-27.95	0.160	0.123	5.095
3,410.30	1.22	65.21	3,409.87	28.76	2.84	-28.74	0.019	0.011	0.717
3,499.77	1.10	66.46	3,499.32	29.50	4.49	-29.46	0.137	-0.134	1.397
3,589.17	0.99	65.30	3,588.70	30.17	5.98	-30.12	0.125	-0.123	-1.298
3,678.54	0.63	67.39	3,678.06	30.68	7.14	-30.62	0.404	-0.403	2.339
3,767.90	0.37	57.07	3,767.42	31.02	7.83	-30.96	0.307	-0.291	-11.549
3,857.11	0.28	38.07	3,856.63	31.35	8.21	-31.29	0.156	-0.101	-21.298
3,946.43	0.32	20.88	3,945.95	31.76	8.43	-31.69	0.110	0.045	-19.245
4,035.81	0.38	12.32	4,035.33	32.28	8.58	-32.21	0.089	0.067	-9.577
4,125.35	0.42	359.82	4,124.86	32.90	8.65	-32.83	0.107	0.045	-13.960
4,214.37	0.54	11.27	4,213.88	33.63	8.73	-33.57	0.172	0.135	12.862
4,303.80	0.44	7.27	4,303.31	34.39	8.85	-34.32	0.118	-0.112	-4.473
4,393.07	0.49	3.37	4,392.57	35.11	8.92	-35.04	0.066	0.056	-4.369
4,482.55	0.68	6.68	4,482.05	36.02	9.00	-35.95	0.216	0.212	3.699
4,571.65	0.37	302.62	4,571.15	36.70	8.82	-36.63	0.691	-0.348	-71.897
4,661.00	0.52	280.33	4,660.49	36.93	8.18	-36.86	0.253	0.168	-24.947

Aim Directional Services, LLC

Survey Report

Company:	Marshall & Winston, Inc.	Local Co-ordinate Reference:	Well #8H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Updated @ 3668.00usft (25'KB)
Site:	Loco Dinero 36 State Com #8H	MD Reference:	Updated @ 3668.00usft (25'KB)
Well:	#8H	North Reference:	Grid
Wellbore:	Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.1 Single User Db-PR

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Buid Rate (°/100ft)	Turn Rate (°/100ft)
4,750.30	0.57	296.79	4,749.79	37.20	7.39	-37.14	0.183	0.056	18.432
4,839.76	0.63	290.32	4,839.25	37.57	6.53	-37.52	0.101	0.067	-7.232
4,929.28	0.68	295.05	4,928.76	37.97	5.58	-37.92	0.082	0.056	5.284
5,018.77	0.68	301.27	5,018.24	38.47	4.65	-38.43	0.082	0.000	6.950
5,108.10	0.69	309.02	5,107.57	39.08	3.78	-39.05	0.104	0.011	8.676
5,197.34	0.77	313.71	5,196.80	39.83	2.93	-39.81	0.112	0.090	5.255
5,286.67	0.85	314.08	5,286.12	40.71	2.02	-40.69	0.090	0.090	0.414
5,375.89	0.77	312.66	5,375.33	41.58	1.10	-41.57	0.092	-0.090	-1.592
5,465.10	0.74	317.38	5,464.53	42.41	0.27	-42.40	0.077	-0.034	5.291
5,554.48	0.66	323.75	5,553.91	43.25	-0.42	-43.25	0.125	-0.090	7.127
5,643.74	0.60	324.43	5,643.16	44.04	-1.00	-44.05	0.068	-0.067	0.762
5,733.07	0.54	326.42	5,732.49	44.77	-1.51	-44.78	0.071	-0.067	2.228
5,822.43	0.39	325.52	5,821.84	45.37	-1.91	-45.39	0.168	-0.168	-1.007
5,911.94	0.22	331.76	5,911.35	45.78	-2.16	-45.79	0.193	-0.190	6.971
6,001.17	0.24	345.05	6,000.58	46.11	-2.29	-46.12	0.064	0.022	14.894
6,090.49	0.97	352.00	6,089.90	47.04	-2.45	-47.05	0.820	0.817	7.781
6,180.00	1.17	352.82	6,179.39	48.69	-2.67	-48.71	0.224	0.223	0.916
6,269.39	1.23	350.95	6,268.76	50.55	-2.93	-50.57	0.080	0.067	-2.092
6,358.99	1.28	352.95	6,358.34	52.49	-3.21	-52.51	0.074	0.056	2.232
6,448.66	1.35	354.53	6,447.99	54.54	-3.43	-54.56	0.088	0.078	1.762
6,538.14	1.33	359.90	6,537.44	56.62	-3.53	-56.65	0.142	-0.022	6.001
6,627.54	1.30	3.50	6,626.82	58.67	-3.47	-58.70	0.098	-0.034	4.027
6,716.63	1.28	3.16	6,715.89	60.68	-3.35	-60.70	0.024	-0.022	-0.382
6,805.97	1.28	3.22	6,805.20	62.67	-3.24	-62.69	0.002	0.000	0.067
6,895.60	1.33	2.33	6,894.81	64.71	-3.15	-64.73	0.060	0.056	-0.993
6,984.92	1.38	0.99	6,984.11	66.82	-3.08	-66.84	0.086	0.056	-1.500
7,074.60	1.27	3.90	7,073.76	68.89	-3.00	-68.91	0.144	-0.123	3.245
7,163.98	1.23	5.80	7,163.12	70.83	-2.83	-70.85	0.064	-0.045	2.126
7,253.36	1.23	6.72	7,252.48	72.74	-2.62	-72.76	0.022	0.000	1.029
7,342.75	1.16	6.25	7,341.85	74.59	-2.41	-74.61	0.079	-0.078	-0.526
7,431.91	1.10	6.61	7,430.99	76.34	-2.22	-76.35	0.068	-0.067	0.404
7,521.18	1.07	5.46	7,520.25	78.02	-2.04	-78.03	0.042	-0.034	-1.288
7,610.51	1.12	1.03	7,609.56	79.72	-1.94	-79.74	0.110	0.056	-4.959
7,699.74	1.23	0.63	7,698.77	81.55	-1.92	-81.56	0.124	0.123	-0.448
7,788.92	1.18	5.19	7,787.93	83.42	-1.82	-83.44	0.121	-0.056	5.113
7,878.35	1.11	9.23	7,877.34	85.20	-1.60	-85.21	0.119	-0.078	4.517
7,967.73	1.13	9.18	7,966.71	86.92	-1.32	-86.93	0.022	0.022	-0.056
8,057.08	1.09	8.01	8,056.04	88.63	-1.06	-88.64	0.051	-0.045	-1.309
8,146.27	0.86	11.64	8,145.22	90.13	-0.81	-90.13	0.267	-0.258	4.070
8,235.57	0.70	16.94	8,234.51	91.31	-0.52	-91.31	0.196	-0.179	5.935
8,324.98	0.65	16.60	8,323.91	92.31	-0.21	-92.31	0.056	-0.056	-0.380
8,414.16	0.68	9.04	8,413.09	93.32	0.02	-93.32	0.104	0.034	-8.477
8,503.44	0.65	5.06	8,502.36	94.35	0.14	-94.35	0.062	-0.034	-4.458

Aim Directional Services, LLC

Survey Report

Company:	Marshall & Winston, Inc.	Local Co-ordinate Reference:	Well #8H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Updated @ 3668.00usft (25'KB)
Site:	Loco Dinero 36 State Com #8H	MD Reference:	Updated @ 3668.00usft (25'KB)
Well:	#8H	North Reference:	Grid
Wellbore:	Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.1 Single User Db-PR

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Bulld Rate (°/100ft)	Turn Rate (°/100ft)	
8,593.01	0.62	359.15	8,591.93	95.34	0.18	-95.34	0.080	-0.033	-6.598	
8,682.43	0.58	350.38	8,681.34	96.27	0.10	-96.27	0.112	-0.045	-9.808	
8,771.98	0.59	352.49	8,770.89	97.17	-0.04	-97.17	0.027	0.011	2.356	
8,861.49	0.99	352.46	8,860.39	98.40	-0.20	-98.40	0.447	0.447	-0.034	
8,950.99	0.85	5.22	8,949.88	99.82	-0.24	-99.82	0.276	-0.156	14.257	
9,040.45	0.68	15.58	9,039.33	101.00	-0.04	-100.99	0.244	-0.190	11.581	
9,129.78	0.60	34.93	9,128.65	101.89	0.37	-101.89	0.256	-0.090	21.661	
9,219.25	0.70	26.85	9,218.12	102.76	0.89	-102.75	0.151	0.112	-9.031	
9,308.66	0.92	10.95	9,307.52	103.95	1.27	-103.94	0.350	0.246	-17.783	
9,397.95	0.63	357.10	9,396.80	105.15	1.38	-105.13	0.384	-0.325	-15.511	
9,487.23	0.55	324.55	9,486.07	105.99	1.11	-105.98	0.380	-0.090	-36.458	
9,576.54	0.40	0.56	9,575.38	106.65	0.86	-106.64	0.366	-0.168	40.320	
9,665.85	0.59	86.47	9,664.69	106.99	1.33	-106.98	0.771	0.213	96.193	
9,755.17	0.66	25.57	9,754.01	107.48	2.01	-107.46	0.712	0.078	-68.182	
9,844.45	0.50	6.63	9,843.28	108.33	2.27	-108.31	0.277	-0.179	-21.214	
9,933.64	0.25	345.03	9,932.47	108.91	2.27	-108.89	0.317	-0.280	-24.218	
10,022.98	0.26	318.30	10,021.81	109.25	2.08	-109.23	0.132	0.011	-29.919	
10,112.05	0.36	311.83	10,110.88	109.58	1.74	-109.57	0.119	0.112	-7.264	
10,201.50	0.38	305.92	10,200.32	109.95	1.29	-109.93	0.048	0.022	-6.607	
10,290.83	0.22	326.16	10,289.65	110.26	0.95	-110.25	0.212	-0.179	22.658	
10,379.97	0.15	328.30	10,378.79	110.50	0.80	-110.49	0.079	-0.079	2.401	
10,424.67	0.28	313.66	10,423.49	110.63	0.69	-110.62	0.313	0.291	-32.752	
10,514.13	0.66	312.74	10,512.95	111.13	0.15	-111.12	0.425	0.425	-1.028	
Tie on Gyro										
10,608.00	0.37	299.86	10,606.82	111.65	-0.51	-111.65	0.331	-0.309	-13.721	
First Aim Svy										
10,697.00	3.10	226.25	10,695.77	110.13	-2.50	-110.14	3.389	3.067	-82.708	
10,742.00	7.98	221.42	10,740.55	106.94	-5.44	-106.98	10.884	10.844	-10.733	
10,786.00	12.36	218.27	10,783.85	100.95	-10.38	-101.03	10.031	9.955	-7.159	
10,831.00	17.70	218.06	10,827.29	91.77	-17.59	-91.91	11.867	11.867	-0.467	
10,876.00	22.55	222.04	10,869.53	79.97	-27.59	-80.18	11.193	10.778	8.844	
10,920.00	26.50	226.88	10,909.56	66.99	-40.41	-67.30	10.065	8.977	11.000	
10,965.00	30.77	225.59	10,949.05	52.07	-55.97	-52.49	9.587	9.489	-2.867	
11,010.00	35.46	224.70	10,986.73	34.72	-73.38	-35.29	10.478	10.422	-1.978	
11,054.00	40.26	225.41	11,021.45	15.66	-92.50	-16.37	10.954	10.909	1.614	
11,099.00	44.21	226.61	11,054.77	-5.34	-114.26	4.46	8.959	8.778	2.667	
11,144.00	48.13	226.40	11,085.92	-27.68	-137.81	26.62	8.718	8.711	-0.467	
11,189.00	55.76	220.92	11,113.66	-53.34	-162.17	52.09	19.469	16.956	-12.178	
11,234.00	63.75	214.81	11,136.32	-84.03	-185.93	82.60	21.269	17.756	-13.578	
11,277.00	69.41	208.47	11,153.42	-117.61	-206.57	116.02	18.869	13.163	-14.744	
11,321.00	71.90	204.30	11,168.00	-154.79	-225.00	153.06	10.581	5.659	-9.477	
11,366.00	73.58	198.43	11,181.36	-194.80	-240.64	192.94	13.003	3.733	-13.044	
11,401.70	75.20	194.22	11,190.97	-227.79	-250.29	225.86	12.223	4.549	-11.779	
Actual FTP (11401.70'MD)										

Aim Directional Services, LLC

Survey Report

Company:	Marshall & Winston, Inc.	Local Co-ordinate Reference:	Well #8H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Updated @ 3668.00usft (25'KB)
Site:	Loco Dinero 36 State Com #8H	MD Reference:	Updated @ 3668.00usft (25'KB)
Well:	#8H	North Reference:	Grid
Wellbore:	Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.1 Single User Db-PR

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
11,411.00	75.64	193.14	11,193.31	-236.53	-252.42	234.59	12.223	4.686	-11.664
11,456.00	77.70	190.18	11,203.69	-279.41	-261.27	277.39	7.869	4.578	-6.578
11,500.00	78.01	188.45	11,212.94	-321.85	-268.23	319.78	3.908	0.705	-3.932
11,545.00	79.02	186.13	11,221.91	-365.59	-273.82	363.48	5.528	2.244	-5.156
11,590.00	80.30	184.10	11,229.98	-409.68	-277.77	407.54	5.271	2.844	-4.511
11,634.00	82.45	183.05	11,236.58	-453.10	-280.48	450.93	5.426	4.886	-2.386
11,679.00	85.35	182.54	11,241.36	-497.78	-282.66	495.60	6.542	6.444	-1.133
11,724.00	88.83	181.82	11,243.65	-542.69	-284.37	540.49	7.897	7.733	-1.600
11,769.00	90.14	181.20	11,244.05	-587.67	-285.55	585.46	3.221	2.911	-1.378
11,813.00	90.58	180.92	11,243.77	-631.66	-286.37	629.44	1.185	1.000	-0.636
11,858.00	89.53	180.90	11,243.73	-676.65	-287.08	674.43	2.334	-2.333	-0.044
11,947.00	87.59	180.95	11,245.97	-765.61	-288.52	763.37	2.180	-2.180	0.056
12,037.00	87.64	180.12	11,249.71	-855.53	-289.36	853.28	0.923	0.056	-0.922
12,126.00	89.18	179.03	11,252.18	-944.49	-288.70	942.24	2.120	1.730	-1.225
12,215.00	89.53	177.07	11,253.19	-1,033.42	-285.67	1,031.20	2.237	0.393	-2.202
12,305.00	89.62	176.25	11,253.85	-1,123.27	-280.43	1,121.08	0.917	0.100	-0.911
12,395.00	89.48	176.89	11,254.56	-1,213.10	-275.04	1,210.96	0.728	-0.156	0.711
12,484.00	89.42	178.17	11,255.41	-1,302.01	-271.21	1,299.89	1.440	-0.067	1.438
12,574.00	90.16	178.83	11,255.74	-1,391.98	-268.85	1,389.88	1.102	0.822	0.733
12,663.00	91.13	180.12	11,254.74	-1,480.97	-268.04	1,478.87	1.813	1.090	1.449
12,752.00	91.53	179.25	11,252.68	-1,569.94	-267.55	1,567.84	1.076	0.449	-0.978
12,842.00	90.43	180.11	11,251.14	-1,659.93	-267.04	1,657.83	1.551	-1.222	0.956
12,931.00	89.64	180.45	11,251.08	-1,748.93	-267.48	1,746.82	0.966	-0.888	0.382
13,021.00	88.01	180.03	11,252.93	-1,838.90	-267.86	1,836.79	1.870	-1.811	-0.467
13,110.00	87.26	178.94	11,256.60	-1,927.82	-267.06	1,925.71	1.486	-0.843	-1.225
13,199.00	87.04	178.64	11,261.03	-2,016.69	-265.18	2,014.59	0.418	-0.247	-0.337
13,288.00	88.80	178.43	11,264.26	-2,105.60	-262.91	2,103.52	1.992	1.978	-0.236
13,378.00	89.64	178.95	11,265.48	-2,195.57	-260.85	2,193.50	1.098	0.933	0.578
13,467.00	90.87	179.89	11,265.08	-2,284.56	-259.95	2,282.49	1.739	1.382	1.056
13,556.00	90.16	180.92	11,264.28	-2,373.55	-260.58	2,371.48	1.406	-0.798	1.157
13,646.00	90.25	182.99	11,263.96	-2,463.49	-263.65	2,461.40	2.302	0.100	2.300
13,735.00	90.74	183.98	11,263.19	-2,552.32	-269.06	2,550.18	1.241	0.551	1.112
13,824.00	89.68	183.24	11,262.87	-2,641.14	-274.66	2,638.96	1.453	-1.191	-0.831
13,914.00	89.15	182.73	11,263.79	-2,731.02	-279.35	2,728.79	0.817	-0.589	-0.567
14,003.00	88.14	181.39	11,265.89	-2,819.93	-282.55	2,817.68	1.885	-1.135	-1.506
14,093.00	88.45	180.91	11,268.57	-2,909.87	-284.35	2,907.60	0.635	0.344	-0.533
14,182.00	89.20	180.57	11,270.39	-2,998.85	-285.50	2,996.57	0.925	0.843	-0.382
14,271.00	90.16	179.46	11,270.89	-3,087.84	-285.52	3,085.56	1.649	1.079	-1.247
14,361.00	89.15	178.32	11,271.43	-3,177.82	-283.78	3,175.55	1.692	-1.122	-1.267
14,450.00	90.08	178.33	11,272.03	-3,266.78	-281.18	3,264.52	1.045	1.045	0.011
14,539.00	90.82	178.51	11,271.33	-3,355.74	-278.73	3,353.50	0.856	0.831	0.202
14,629.00	91.00	178.30	11,269.90	-3,445.70	-276.22	3,443.47	0.307	0.200	-0.233
14,718.00	91.09	179.64	11,268.28	-3,534.67	-274.62	3,532.45	1.509	0.101	1.506

Aim Directional Services, LLC

Survey Report

Company:	Marshall & Winston, Inc.	Local Co-ordinate Reference:	Well #8H
Project:	Lea County, NM (NAD83 NME)	TVD Reference:	Updated @ 3668.00usft (25'KB)
Site:	Loco Dinero 36 State Com #8H	MD Reference:	Updated @ 3668.00usft (25'KB)
Well:	#8H	North Reference:	Grid
Wellbore:	Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.1 Single User Db-PR

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
14,808.00	90.21	181.76	11,267.26	-3,624.65	-275.72	3,622.42	2.550	-0.978	2.356
14,897.00	90.34	180.54	11,266.83	-3,713.63	-277.51	3,711.39	1.379	0.146	-1.371
14,987.00	90.30	180.81	11,266.33	-3,803.62	-278.57	3,801.37	0.303	-0.044	0.300
15,076.00	89.59	180.02	11,266.41	-3,892.61	-279.21	3,890.36	1.193	-0.798	-0.888
15,165.00	89.37	180.47	11,267.22	-3,981.61	-279.59	3,979.35	0.563	-0.247	0.506
15,254.00	89.11	179.23	11,268.40	-4,070.60	-279.36	4,068.33	1.423	-0.292	-1.393
15,344.00	89.46	179.04	11,269.53	-4,160.58	-278.00	4,158.33	0.442	0.389	-0.211
15,433.00	89.99	177.42	11,269.95	-4,249.54	-275.25	4,247.30	1.915	0.596	-1.820
15,523.00	89.81	177.28	11,270.11	-4,339.44	-271.09	4,337.23	0.253	-0.200	-0.156
15,612.00	90.47	177.76	11,269.89	-4,428.36	-267.24	4,426.17	0.917	0.742	0.539
15,701.00	89.77	177.82	11,269.71	-4,517.29	-263.81	4,515.13	0.789	-0.787	0.067
15,791.00	89.81	179.65	11,270.04	-4,607.26	-261.82	4,605.12	2.034	0.044	2.033
15,880.00	90.21	179.98	11,270.02	-4,696.26	-261.53	4,694.11	0.583	0.449	0.371
15,970.00	89.99	178.48	11,269.86	-4,786.25	-260.32	4,784.11	1.684	-0.244	-1.667
16,059.00	89.64	176.76	11,270.15	-4,875.17	-256.63	4,873.06	1.972	-0.393	-1.933
16,148.00	89.02	174.95	11,271.19	-4,963.93	-250.20	4,961.86	2.150	-0.697	-2.034
16,166.60	89.00	174.35	11,271.51	-4,982.44	-248.46	4,980.39	3.202	-0.115	-3.200
Actual LTP (16166.60'MD)									
16,183.00	88.98	173.83	11,271.80	-4,998.75	-246.78	4,996.71	3.202	-0.114	-3.200
Last Aim Svy									
16,243.00	88.98	173.83	11,272.87	-5,058.40	-240.33	5,056.40	0.000	0.000	0.000
Projection to BHL									

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
10,514.13	10,512.95	111.13	0.15	Tie on Gyro
10,608.00	10,606.82	111.65	-0.51	First Aim Svy
11,401.70	11,190.97	-227.79	-250.29	Actual FTP (11401.70'MD)
16,166.60	11,271.51	-4,982.44	-248.46	Actual LTP (16166.60'MD)
16,183.00	11,271.80	-4,998.75	-246.78	Last Aim Svy
16,243.00	11,272.87	-5,058.40	-240.33	Projection to BHL

Checked By: _____ Approved By: _____ Date: _____



Loco Dinero 36 State Com #8H
Section 36, T21S, R33E
Lea County, New Mexico
API #30-025-49507

KICK OFF POINT

10,608'

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

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-49507
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator Marshall & Winston, Inc.		6. State Oil & Gas Lease No.
3. Address of Operator P. O. Box 50880, Midland, Texas 79710-0880		7. Lease Name or Unit Agreement Name Loco Dinero 36 State Com
4. Well Location Unit Letter <u>B</u> : <u>200</u> feet from the <u>North</u> line and <u>1520</u> feet from the <u>East</u> line Section <u>36</u> Township <u>21S</u> Range <u>33E</u> NMPM County <u>Lea</u>		8. Well Number <u>8H</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3643'GR		9. OGRID Number <u>14187</u>
10. Pool name or Wildcat WC-025 G-06 S213326D; Bone Spring		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL. ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		OTHER: <u>Frack</u>	☒

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.

06/06/22 – 06/28/22

11401'

TD 16243'. PBTD 16190'. MIRU Liberty. Perf f/ 11701' – 16166' (1008 shots) w/ 105638 gals 15% HCL acid. Frac Stage #1 – #28. RDMO all frac related services. Total volumes pumped: 100 Mesh Sand 1202460#, 40/70 Sand 9716500#, Fresh Water 284618 gals. TLWTR 293383 bbls.

07/02/22 – 07/04/22

RU CTU. Drill out kill plug @ 10015'. Drill out plugs f/ 11554' – 16166'. RD CTU. Turn well over to flowback crew. Well online @ 11 am, 07/08/22. **FINAL REPORT.**

Spud Date:

02/14/22

Rig Release Date:

03/27/22

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

TITLE Operations Manager

DATE 07/27/22

Type or print name Todd Passmore

E-mail address: tpassmore@mar-win.com PHONE: 432-684-6373

For State Use Only

APPROVED BY:

TITLE

DATE

Conditions of Approval (if any):

Submit To Appropriate District Office Two Copies 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 and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 Revised April 3, 2017				
1. WELL API NO. 30-025-49507										
2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN										
3. State Oil & Gas Lease No.										
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 Loco Dinero 36 State Com				
						6. Well Number: 8H				
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator Marshall & Winston, Inc.						9. OGRID 14187				
10. Address of Operator P. O. Box 50880, Midland, Texas 79710-0880						11. Pool name or Wildcat WC-025 G-06 S213326D; Bone Spring				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	B	36	21S	33E		200	North	1520	East	Lea
BH:	O	36	21S	33E		24	South	1799	East	Lea
13. Date Spudded 02/14/22	14. Date T.D. Reached 03/24/22	15. Date Rig Released 03/27/22		16. Date Completed (Ready to Produce) 07/08/22		17. Elevations (DF and RKB, RT, GR, etc.) 3643' GR				
18. Total Measured Depth of Well 16243'		19. Plug Back Measured Depth 16190'		20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run None				
22. Producing Interval(s), of this completion - Top, Bottom, Name 16166' - 11401' (3 rd 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#		1790'		17 1/2"		1580 sx C		
9 5/8"		40#		5277'		12 1/4"		2285 sx C		
5 1/2"		20#		16231'		8 3/4"		2650 sx H		
24. LINER RECORD										25. TUBING RECORD
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
26. Perforation record (interval, size, and number) 16166' - 11401' (.42" - 1008 shots)					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 16166-11401' A/105638 gals 15% HCL Acid 16166-11401' F/1202460# 100 Mesh Sand + 9716500# 40/70 Sand					
28. PRODUCTION										
Date First Production 07/08/22		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing				
Date of Test 07/17/22	Hours Tested 24 hrs	Choke Size 30/64"	Prod'n For Test Period	Oil - Bbl 796	Gas - MCF 745	Water - Bbl. 1985	Gas - Oil Ratio 936			
Flow Tubing Press.	Casing Pressure 1000#	Calculated 24-Hour Rate	Oil - Bbl. 796	Gas - MCF 745	Water - Bbl. 1985	Oil Gravity - API - (Corr.) 39°				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						30. Test Witnessed By Travis Flemmons				
31. List Attachments C-104, C-102, Final Survey, C-103, Wellbore Schematic										
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 		Printed Name Todd Passmore		Title Operations Manager		Date 07/27/22				
E-mail Address tpassmore@mar-win.com										

INSTRUCTIONS

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.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt 1760 - Rustler	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 3493	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates 3493	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers 3663	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 5206	T. Morrison	
T. Drinkard	T. Bone Springs 8815	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

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

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

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

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

IMPORTANT WATER SANDS

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

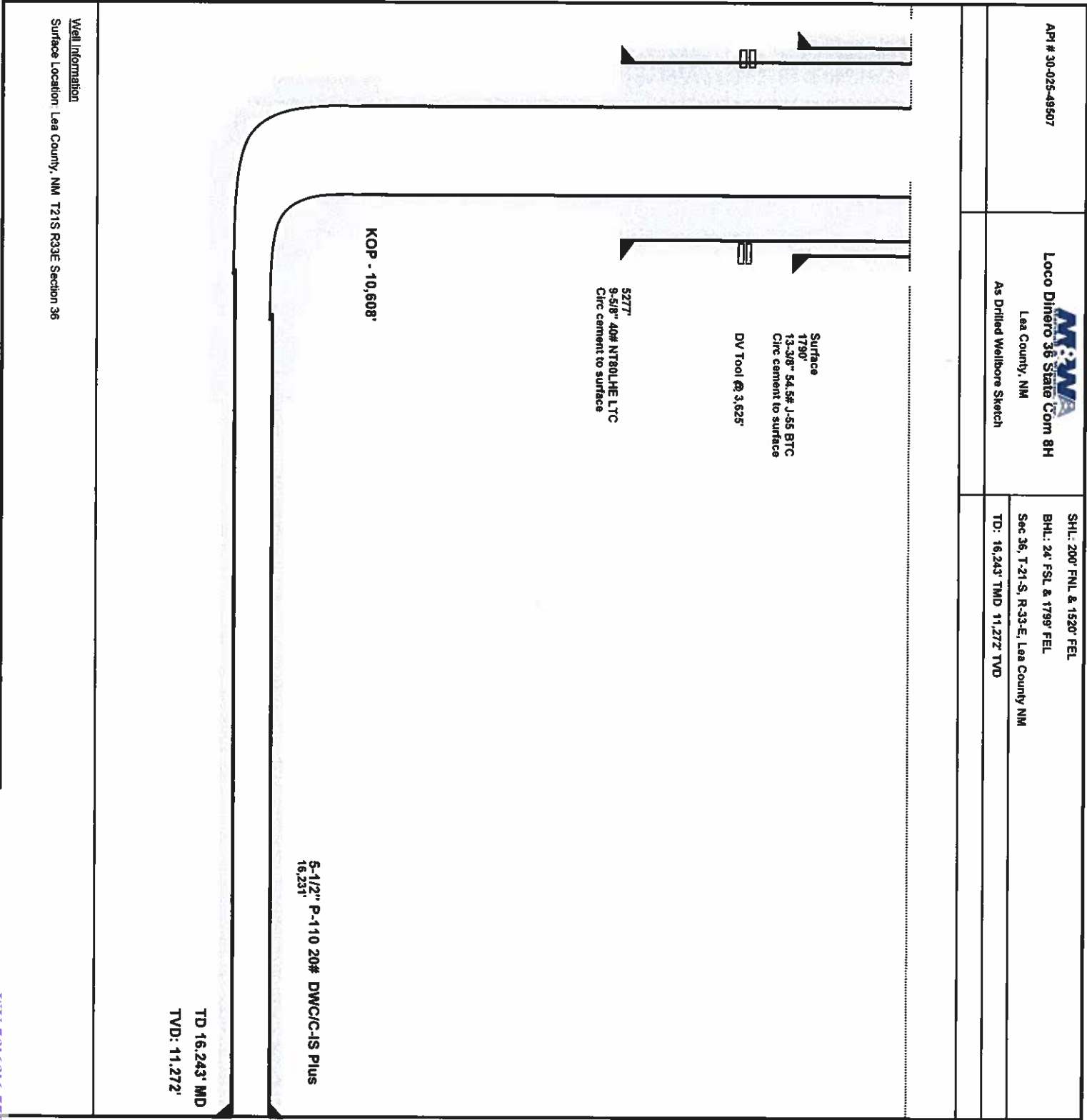
No. 1, from.....to.....feet.....

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

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

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
1760	3493	1733	Salt				
3493	3663	170	Dolomite, Salt				
3663	3939	276	Dolomite, Shale, Sand				
3939	5206	1267	Dolomite				
5206	8815	3609	Dolomite, Sand, Limestone				
8815	11000	2185	Dolomite, Sand, Shale, Lime				



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

ACKNOWLEDGMENTS

Action 129044

ACKNOWLEDGMENTS

Operator: MARSHALL & WINSTON INC P.O. Box 50880 Midland, TX 79710	OGRID: 14187
	Action Number: 129044
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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Santa Fe, NM 87505

CONDITIONS

Action 129044

CONDITIONS

Operator: MARSHALL & WINSTON INC P.O. Box 50880 Midland, TX 79710	OGRID: 14187
	Action Number: 129044
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	9/23/2022