

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address AMEREDEV OPERATING, LLC 2901 VIA FORTUNA, SUITE 600 AUSTIN, TX 78746		² OGRID Number 372224
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30-025-49630	⁵ Pool Name JAL/WOLFCAMP WEST	⁶ Pool Code 33813
⁷ Property Code 327173	⁸ Property Name PAR THREE 25 36 06 FEDERAL COM	⁹ Well Number 105H

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
2	6	25-S	36-E	-	200	NORTH	1800	EAST	LEA

¹¹ Bottom Hole Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
LEA	7	25-S	36-E	-	50	SOUTH	2318	EAST	LEA
¹² Lse Code	¹³ Producing Method Code F	¹⁴ Gas Connection Date 5/8/2022	¹⁵ C-129 Permit Number N/A	¹⁶ C-129 Effective Date N/A	¹⁷ C-129 Expiration Date N/A				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
35103/34053	SUNOCO PARTNERS MARKETING & TERMINALS L.P. (35103) 1735 MARKET STREET, SUITE LL PHILADELPHIA, PA 19103 PLAINS MARKETING L.P. (34053) 333 CLAY ST, STE 1600 HOUSTON, TX 77002	O
330718	PINION MIDSTREAM LLC (330718) 465 W. NM HIGHWAY 128 JAL, NM 88252	G
703107	LUCID ENERGY DELAWARE, LLC (703107) 3100 MCKINNON ST. STE. 800 DALLAS, TX 75201	G
372224	AMEREDEV OPERATING, LLC 2901 VIA FORTUNA, SUITE 600 AUSTIN, TX 78746	W

IV. Well Completion Data

²¹ Spud Date 1/6/2022	²² Ready Date 5/8/2022	²³ TD 22,246	²⁴ PBDT 22,222	²⁵ Perforations 11936- 22,217	²⁶ DHC, MC N/A
²⁷ Hole Size	²⁸ Casing and Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5"	13.375" J55 BTC	1,665	1174 / 327		
12.25	10.75" HCL80 BTC	5,408	1640 / 305		
9.875"	7.625" HC L80 BTC	11,084	1000 / 270		
6.75"	5.5" RYS110 2.375"	22,275 11,171	700 / 585		

V. Well Test Data

³¹ Date New Oil 5/12/2022	³² Gas Delivery Date 5/11/2022	³³ Test Date 6/3/2022	³⁴ Test Length 24	³⁵ Tbg. Pressure 1619	³⁶ Csg. Pressure 800
³⁷ Choke Size 64	³⁸ Oil 1847	³⁹ Water 4460	⁴⁰ Gas 1619		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: <i>Joseph Lanham</i>			OIL CONSERVATION DIVISION Approved by: <i>PATRICIA MARTINEZ</i> Title: <i>PETROLEUM SPECIALIST</i> Approval Date: <i>5/7/2024</i>		
Printed Name: Joseph Lanham					
Title: Engineer					
E-mail Address: jlanham@ameredevedev.com					
Date: 6/27/2022		Phone: 281-370-7419			

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-49630	² Pool Code 33813	³ Pool Name JAL/WOLFCAMP WEST
⁴ Property Code 327173	⁵ Property Name PAR THREE 25 36 06 FEDERAL COM	⁶ Well Number 105H
⁷ OGRID No. 372224	⁸ Operator Name AMEREDEV OPERATING, LLC.	⁹ Elevation 3293'

¹⁰Surface Location

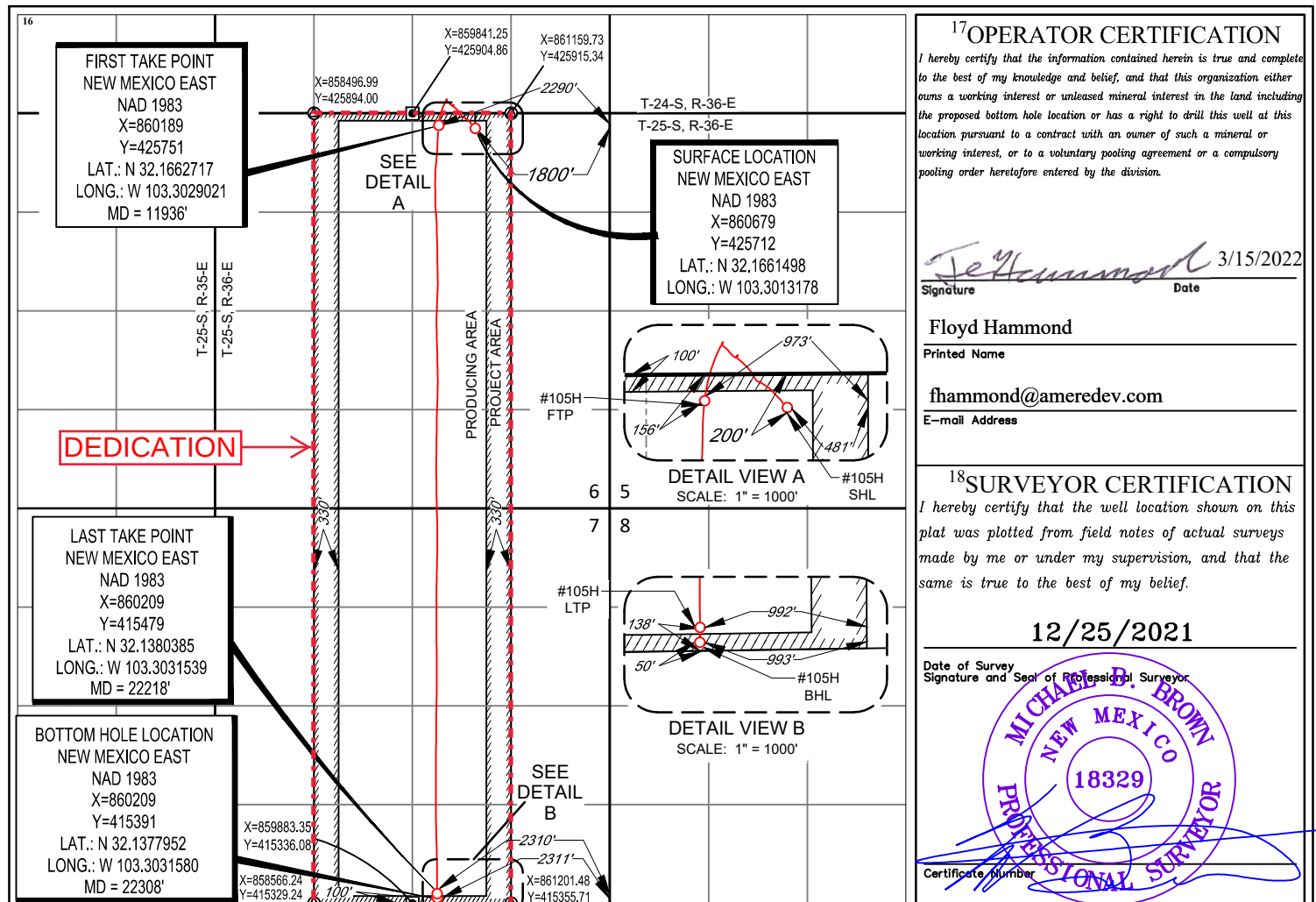
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	6	25-S	36-E	-	200'	NORTH	1800'	EAST	LEA

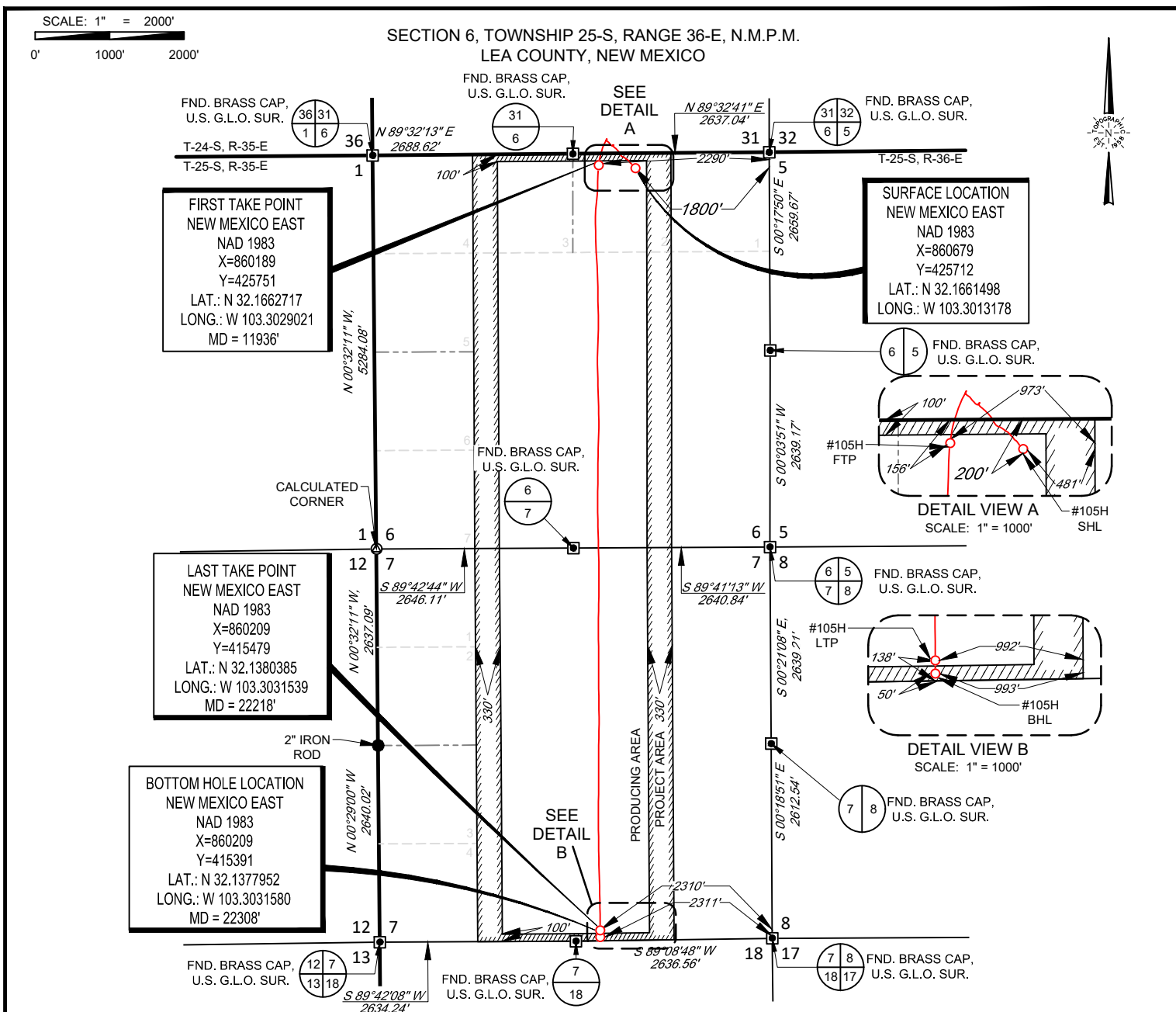
¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	7	25-S	36-E	-	50'	SOUTH	2311'	EAST	LEA

¹² Dedicated Acres 640.52	¹³ Joint or Infill	¹⁴ Consolidation Code C	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.





LEASE NAME & WELL NO.: PAR THREE 25 36 06 FEDERAL COM 105H

SECTION 6 TWP 25-S RGE 36-E SURVEY N.M.P.M.

COUNTY LEA STATE NM ELEVATION 3293'

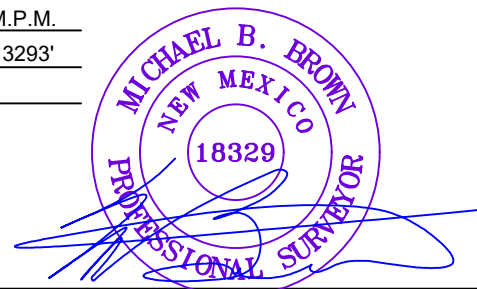
DESCRIPTION 200' FNL & 1800' FEL

AMEREDEV

AMEREDEV OPERATING, LLC

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
TEXAS FIRM REGISTRATION NO. 10042504
WWW.TOPOGRAPHIC.COM



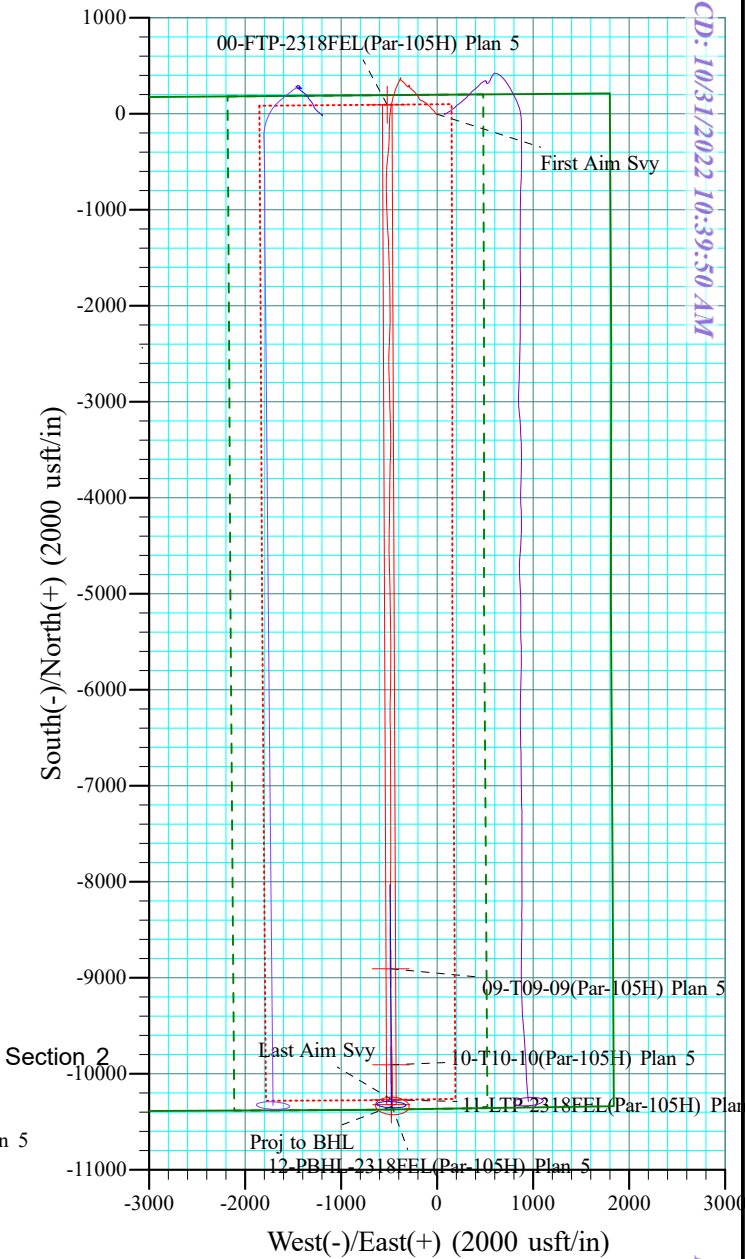
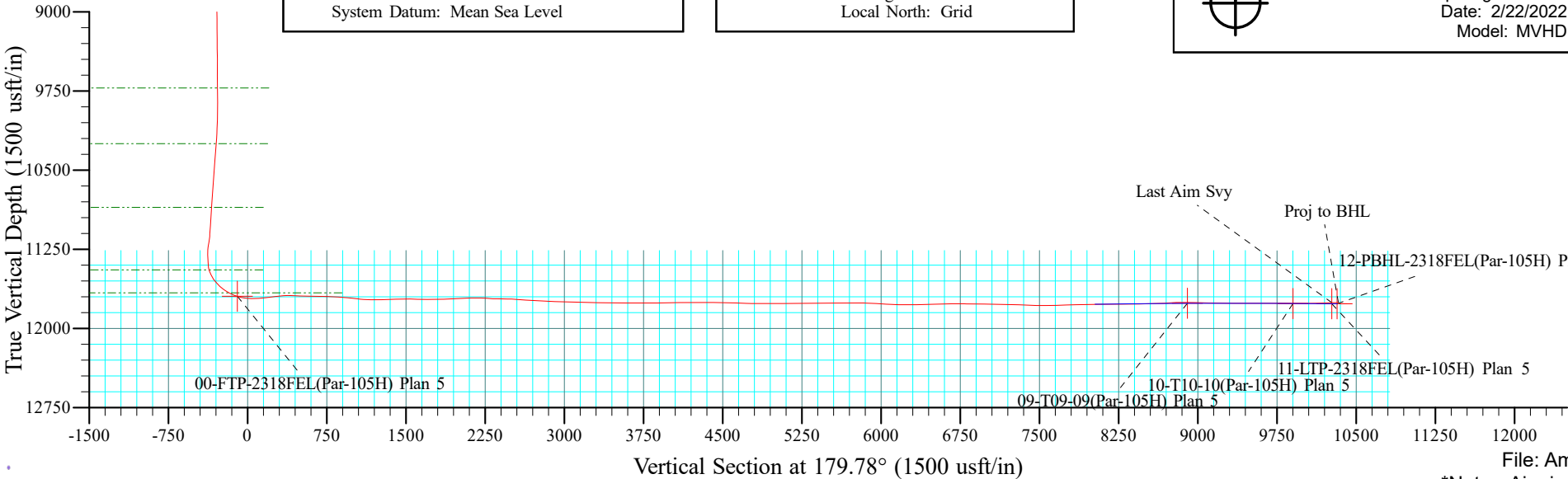
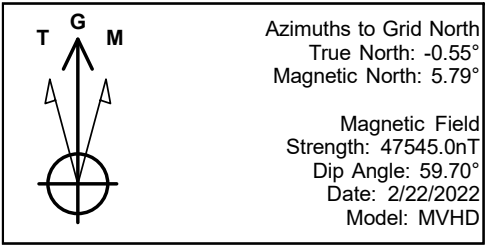
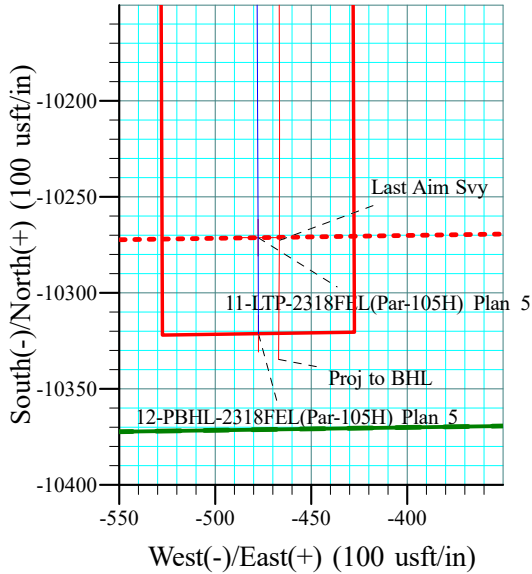
Michael Blake Brown, P.S. No. 18329
August 17, 2022

PAR THREE 25 36 06 FEDERAL COM 105H AS-COMPLETED	REVISION:	NOTES:
DATE: 08/17/22		1. ORIGINAL DOCUMENT SIZE: 8.5" X 11"
FILE: AD_PAR_THREE_FED_COM_25_36_06_105H		2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET.
DRAWN BY: AMD		3. THIS WELL LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY EOG RESOURCES, INC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.
SHEET: 2 OF 2		

SECTION DETAILS											
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target	Annotation	
20015.00	89.54	180.43	11771.51	-8028.68	-490.48	0.000	0.00	8026.74		Last Aim Svy / Build: 2°/100	
20089.22	90.67	179.47	11771.37	-8102.90	-490.41	2.000	-40.43	8100.96		Hold: 90.67° Inc, 179.47° Azm	
20890.57	90.67	179.47	11762.00	-8904.16	-482.96	0.000	0.00	8902.24	09-T09-09(Par-105H) Plan 5	Drop: 2°/100'	
20936.45	89.81	179.78	11761.81	-8950.03	-482.66	2.000	159.89	8948.12		Hold: 89.81° Inc, 179.78° Azm	
21890.54	89.81	179.78	11765.00	-9904.11	-479.04	0.000	0.00	9902.20	10-T10-10(Par-105H) Plan 5	Hold: 89.81° Inc, 179.78° Azm	
22257.61	89.81	179.78	11766.23	-10271.17	-477.65	0.000	0.00	10269.26	11-LTP-2318FEL(Par-105H) Plan 5	LTP @ 22257.61' MD/11766.23' TVD	
22307.61	89.81	179.78	11766.40	-10321.18	-477.46	0.000	0.00	10319.27	12-PBHL-2318FEL(Par-105H) Plan 5	PBHL @ 22307.61' MD/11766.40' TVD	

PROJECT DETAILS: Lea County, NM (N83-NME)
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

SITE DETAILS: Par Three_PineStraw
Site Centre Northing: 425711.50
Easting: 860679.30
Positional Uncertainty: 0.00
Convergence: 0.55
Local North: Grid





American Resource Development LLC.

Aim Directional Services, LLC

Survey Report



Company:	Ameredev Operating	Local Co-ordinate Reference:	Well (03-7S)Par Three Fed Com 25-36-06 105H
Project:	Lea County, NM (N83-NME)	TVD Reference:	3290 + 27.5 @ 3317.50usft (Nabors X12)
Site:	Par Three_PineStraw	MD Reference:	3290 + 27.5 @ 3317.50usft (Nabors X12)
Well:	(03-7S)Par Three Fed Com 25-36-06 105H	North Reference:	Grid
Wellbore:	105H	Survey Calculation Method:	Minimum Curvature
Design:	105H	Database:	RTOC- EDM 5000.1 Single User Db

Project	Lea County, NM (N83-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	Par Three_PineStraw		
Site Position:		Northing:	425,711.50 usft
From:	Lat/Long	Easting:	860,679.30 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 9' 58.139 N
		Longitude:	103° 18' 4.744 W
		Grid Convergence:	0.55 °

Well	(03-7S)Par Three Fed Com 25-36-06 105H		
Well Position	+N/-S	0.00 usft	Northing: 425,712.00 usft
	+E/-W	0.00 usft	Easting: 860,679.00 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 9' 58.144 N
		Longitude:	103° 18' 4.747 W
		Ground Level:	3,290.00 usft

Wellbore	105H		
Magnetics	Model Name	Sample Date	Declination (°)
	MVHD	2/22/2022	6.34
			Dip Angle (°) 59.70
			Field Strength (nT) 47,545.044

Design	105H		
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 (°) 179.78

Survey Program	Date 3/7/2022		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name
1,714.00	22,308.00	Aim MWD (105H)	MWD+HRGM
			Description OWSG MWD + HRGM

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)	
1,550.00	0.56	309.26	1,549.85	9.47	-6.28	-9.49	0.000	0.000	0.000	
Tie in Gyrodata										
1,714.00	0.35	220.61	1,713.85	9.60	-7.23	-9.62	0.398	-0.128	-54.055	
First Aim Svy										
1,807.00	0.70	161.29	1,806.84	8.84	-7.23	-8.87	0.647	0.376	-63.785	
1,900.00	0.70	198.64	1,899.84	7.77	-7.23	-7.79	0.482	0.000	40.161	
1,995.00	1.58	301.03	1,994.82	7.89	-8.54	-7.93	1.958	0.926	107.779	
2,184.00	6.24	320.81	2,183.34	17.20	-17.27	-17.27	2.531	2.466	10.466	
2,278.00	5.76	320.99	2,276.82	24.83	-23.47	-24.92	0.511	-0.511	0.191	
2,373.00	5.19	324.06	2,371.39	32.01	-28.99	-32.12	0.674	-0.600	3.232	



Aim Directional Services, LLC

Survey Report



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Well:	(03-7S)Par Three Fed Com 25-36-06 105H	North Reference:	Grid
Wellbore:	105H	Survey Calculation Method:	Minimum Curvature
Design:	105H	Database:	ROTOC- EDM 5000.1 Single User Db

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)
2,467.00	4.75	327.49	2,465.04	38.73	-33.58	-38.86	0.565	-0.468	3.649
2,560.00	4.22	326.79	2,557.75	44.84	-37.52	-44.99	0.573	-0.570	-0.753
2,656.00	4.35	315.36	2,653.48	50.39	-42.01	-50.55	0.898	0.135	-11.906
2,749.00	4.75	310.35	2,746.19	55.39	-47.43	-55.57	0.606	0.430	-5.387
2,844.00	4.18	308.42	2,840.90	60.09	-53.14	-60.29	0.620	-0.600	-2.032
2,939.00	3.43	310.44	2,935.69	64.09	-58.01	-64.31	0.802	-0.789	2.126
3,033.00	3.52	321.95	3,029.52	68.18	-61.93	-68.42	0.747	0.096	12.245
3,128.00	4.48	324.33	3,124.29	73.49	-65.89	-73.75	1.025	1.011	2.505
3,223.00	4.57	320.02	3,218.99	79.41	-70.49	-79.68	0.370	0.095	-4.537
3,318.00	4.70	312.99	3,313.68	84.96	-75.76	-85.25	0.613	0.137	-7.400
3,413.00	3.87	314.92	3,408.42	89.88	-80.88	-90.19	0.887	-0.874	2.032
3,507.00	3.43	321.16	3,502.23	94.31	-84.89	-94.63	0.630	-0.468	6.638
3,602.00	4.26	319.93	3,597.01	99.22	-88.95	-99.56	0.878	0.874	-1.295
3,696.00	4.62	315.10	3,690.73	104.58	-93.87	-104.94	0.552	0.383	-5.138
3,789.00	4.18	310.44	3,783.46	109.43	-99.09	-109.81	0.609	-0.473	-5.011
3,883.00	4.09	307.45	3,877.21	113.69	-104.36	-114.09	0.249	-0.096	-3.181
3,978.00	5.80	302.27	3,971.85	118.31	-111.11	-118.74	1.859	1.800	-5.453
4,072.00	7.60	306.40	4,065.21	124.54	-120.13	-125.00	1.981	1.915	4.394
4,261.00	6.42	305.78	4,252.79	138.13	-138.76	-138.66	0.626	-0.624	-0.328
4,354.00	6.02	294.97	4,345.25	143.23	-147.40	-143.80	1.328	-0.430	-11.624
4,446.00	5.54	290.31	4,436.78	146.81	-155.94	-147.41	0.729	-0.522	-5.065
4,541.00	5.85	291.19	4,531.31	150.15	-164.75	-150.78	0.339	0.326	0.926
4,636.00	5.76	295.67	4,625.83	153.97	-173.56	-154.63	0.486	-0.095	4.716
4,730.00	4.48	313.08	4,719.45	158.52	-180.50	-159.21	2.127	-1.362	18.521
4,825.00	4.09	324.06	4,814.19	163.79	-185.19	-164.50	0.954	-0.411	11.558
4,919.00	3.60	328.37	4,907.98	169.02	-188.71	-169.74	0.605	-0.521	4.585
5,014.00	3.56	323.97	5,002.79	173.95	-192.01	-174.68	0.292	-0.042	-4.632
5,110.00	3.43	329.25	5,098.61	178.82	-195.23	-179.57	0.361	-0.135	5.500
5,204.00	3.08	333.99	5,192.46	183.51	-197.78	-184.27	0.469	-0.372	5.043
5,298.00	2.86	331.36	5,286.34	187.84	-200.01	-188.61	0.275	-0.234	-2.798
5,351.00	2.90	336.02	5,339.27	190.22	-201.19	-191.00	0.448	0.075	8.792
5,488.00	2.73	334.87	5,476.10	196.34	-203.98	-197.13	0.131	-0.124	-0.839
5,582.00	3.03	342.69	5,569.99	200.74	-205.67	-201.53	0.525	0.319	8.319
5,677.00	4.88	323.18	5,664.76	206.38	-208.84	-207.18	2.381	1.947	-20.537
5,772.00	5.14	320.11	5,759.40	212.88	-213.99	-213.70	0.393	0.274	-3.232
5,866.00	5.10	319.58	5,853.02	219.29	-219.40	-220.13	0.066	-0.043	-0.564
5,961.00	5.27	318.17	5,947.63	225.75	-225.05	-226.61	0.224	0.179	-1.484
6,055.00	4.97	318.09	6,041.26	232.00	-230.64	-232.88	0.319	-0.319	-0.085
6,150.00	5.93	316.77	6,135.83	238.64	-236.75	-239.54	1.019	1.011	-1.389
6,243.00	6.07	315.98	6,228.32	245.67	-243.46	-246.61	0.175	0.151	-0.849
6,337.00	6.02	314.66	6,321.80	252.71	-250.42	-253.67	0.157	-0.053	-1.404
6,432.00	5.67	313.69	6,416.30	259.46	-257.36	-260.44	0.383	-0.368	-1.021
6,527.00	5.76	310.26	6,510.83	265.78	-264.39	-266.79	0.372	0.095	-3.611



Aim Directional Services, LLC

Survey Report



Company:	Ameredev Operating	Local Co-ordinate Reference:	Well (03-7S)Par Three Fed Com 25-36-06 105H
Project:	Lea County, NM (N83-NME)	TVD Reference:	3290 + 27.5 @ 3317.50usft (Nabors X12)
Site:	Par Three_PineStraw	MD Reference:	3290 + 27.5 @ 3317.50usft (Nabors X12)
Well:	(03-7S)Par Three Fed Com 25-36-06 105H	North Reference:	Grid
Wellbore:	105H	Survey Calculation Method:	Minimum Curvature
Design:	105H	Database:	RTOC- EDM 5000.1 Single User Db

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)
6,621.00	5.41	309.30	6,604.38	271.63	-271.42	-272.67	0.385	-0.372	-1.021
6,716.00	5.36	310.26	6,698.96	277.34	-278.27	-278.40	0.108	-0.053	1.011
6,810.00	5.45	309.47	6,792.55	283.01	-285.07	-284.10	0.124	0.096	-0.840
6,905.00	4.44	318.09	6,887.19	288.62	-291.01	-289.73	1.317	-1.063	9.074
7,001.00	4.26	319.84	6,982.92	294.11	-295.79	-295.24	0.233	-0.187	1.823
7,095.00	2.73	329.07	7,076.74	298.70	-299.19	-299.84	1.729	-1.628	9.819
7,190.00	0.92	1.94	7,171.69	301.40	-300.33	-302.55	2.126	-1.905	34.600
7,285.00	0.70	41.85	7,266.68	302.59	-299.91	-303.74	0.621	-0.232	42.010
7,380.00	0.53	42.81	7,361.67	303.35	-299.23	-304.49	0.179	-0.179	1.011
7,475.00	0.66	35.87	7,456.67	304.11	-298.61	-305.26	0.156	0.137	-7.305
7,570.00	0.88	27.26	7,551.66	305.21	-297.95	-306.35	0.261	0.232	-9.063
7,665.00	0.84	34.46	7,646.65	306.43	-297.23	-307.57	0.121	-0.042	7.579
7,760.00	0.57	37.89	7,741.64	307.38	-296.54	-308.51	0.288	-0.284	3.611
7,855.00	0.75	44.04	7,836.64	308.20	-295.82	-309.33	0.203	0.189	6.474
7,950.00	0.84	61.01	7,931.63	308.98	-294.78	-310.11	0.264	0.095	17.863
8,044.00	0.97	75.95	8,025.62	309.51	-293.40	-310.63	0.285	0.138	15.894
8,140.00	1.32	86.67	8,121.60	309.77	-291.51	-310.89	0.426	0.365	11.167
8,234.00	0.48	237.14	8,215.59	309.62	-290.76	-310.73	1.866	-0.894	160.074
8,328.00	1.05	243.29	8,309.58	309.02	-291.86	-310.14	0.612	0.606	6.543
8,422.00	1.10	224.48	8,403.56	307.99	-293.26	-309.11	0.377	0.053	-20.011
8,517.00	0.88	226.06	8,498.55	306.83	-294.43	-307.96	0.233	-0.232	1.663
8,612.00	0.70	204.97	8,593.54	305.80	-295.20	-306.93	0.357	-0.189	-22.200
8,707.00	0.57	216.75	8,688.54	304.89	-295.73	-306.03	0.193	-0.137	12.400
8,802.00	0.48	204.09	8,783.53	304.15	-296.17	-305.29	0.154	-0.095	-13.326
8,897.00	0.75	207.69	8,878.53	303.24	-296.62	-304.37	0.287	0.284	3.789
8,991.00	0.70	224.31	8,972.52	302.28	-297.31	-303.42	0.229	-0.053	17.681
9,086.00	0.84	232.66	9,067.51	301.44	-298.27	-302.59	0.188	0.147	8.789
9,180.00	0.92	235.20	9,161.50	300.59	-299.44	-301.74	0.095	0.085	2.702
9,275.00	0.70	235.47	9,256.49	299.83	-300.54	-300.98	0.232	-0.232	0.284
9,369.00	0.66	231.25	9,350.48	299.17	-301.43	-300.32	0.068	-0.043	-4.489
9,464.00	0.48	228.17	9,445.48	298.56	-302.16	-299.72	0.192	-0.189	-3.242
9,558.00	0.40	237.31	9,539.48	298.12	-302.73	-299.28	0.113	-0.085	9.723
9,653.00	0.35	246.37	9,634.47	297.82	-303.27	-298.99	0.081	-0.053	9.537
9,747.00	0.35	189.68	9,728.47	297.42	-303.58	-298.59	0.354	0.000	-60.308
9,842.00	0.53	175.61	9,823.47	296.70	-303.60	-297.86	0.220	0.189	-14.810
9,936.00	1.93	275.02	9,917.45	296.41	-305.14	-297.58	2.216	1.489	105.755
10,031.00	3.03	286.36	10,012.36	297.25	-309.15	-298.44	1.262	1.158	11.937
10,125.00	5.10	307.01	10,106.12	300.47	-314.87	-301.68	2.663	2.202	21.968
10,219.00	6.15	309.82	10,199.67	306.21	-322.07	-307.44	1.154	1.117	2.989
10,314.00	6.07	319.58	10,294.13	313.29	-329.24	-314.55	1.095	-0.084	10.274
10,409.00	5.76	321.86	10,388.63	320.86	-335.44	-322.15	0.409	-0.326	2.400
10,503.00	5.23	321.16	10,482.20	327.91	-341.04	-329.22	0.568	-0.564	-0.745
10,598.00	5.01	320.37	10,576.82	334.48	-346.40	-335.81	0.243	-0.232	-0.832
10,691.00	4.79	320.99	10,669.48	340.62	-351.43	-341.97	0.243	-0.237	0.667



Aim Directional Services, LLC

Survey Report



Company:	Ameredev Operating	Local Co-ordinate Reference:	Well (03-7S)Par Three Fed Com 25-36-06 105H
Project:	Lea County, NM (N83-NME)	TVD Reference:	3290 + 27.5 @ 3317.50usft (Nabors X12)
Site:	Par Three_PineStraw	MD Reference:	3290 + 27.5 @ 3317.50usft (Nabors X12)
Well:	(03-7S)Par Three Fed Com 25-36-06 105H	North Reference:	Grid
Wellbore:	105H	Survey Calculation Method:	Minimum Curvature
Design:	105H	Database:	RTOC- EDM 5000.1 Single User Db

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)
10,785.00	5.80	310.79	10,763.08	346.78	-357.50	-348.15	1.465	1.074	-10.851
10,880.00	6.42	305.34	10,857.54	352.98	-365.47	-354.38	0.893	0.653	-5.737
10,975.00	5.93	313.08	10,951.99	359.41	-373.38	-360.84	1.016	-0.516	8.147
11,130.00	4.88	310.07	11,106.30	369.12	-384.28	-370.59	0.701	-0.677	-1.942
11,193.00	8.48	352.61	11,168.89	375.46	-386.93	-376.94	9.345	5.714	67.524
11,225.00	10.59	13.77	11,200.46	380.66	-386.53	-382.14	12.677	6.594	66.125
11,257.00	9.36	33.12	11,231.98	385.69	-384.41	-387.17	11.094	-3.844	60.469
11,289.00	5.10	54.57	11,263.73	388.70	-381.83	-390.16	15.540	-13.312	67.031
11,321.00	1.80	154.85	11,295.68	389.07	-380.45	-390.53	17.820	-10.312	313.374
11,352.00	1.98	238.35	11,326.67	388.35	-380.70	-389.81	8.130	0.581	269.354
11,384.00	1.54	218.40	11,358.65	387.72	-381.44	-389.18	2.337	-1.375	-62.344
11,448.00	11.60	205.74	11,422.15	381.23	-384.78	-382.71	15.786	15.719	-19.781
11,480.00	18.24	208.03	11,453.06	373.91	-388.53	-375.40	20.828	20.750	7.156
11,525.00	28.97	208.29	11,494.23	358.05	-397.03	-359.57	23.845	23.844	0.578
11,574.00	38.42	205.65	11,534.96	333.82	-409.27	-335.39	19.512	19.286	-5.388
11,621.00	44.44	203.37	11,570.18	305.52	-422.13	-307.14	13.203	12.808	-4.851
11,669.00	49.19	200.47	11,603.02	273.06	-435.16	-274.72	10.830	9.896	-6.042
11,716.00	55.21	197.74	11,631.82	237.97	-447.27	-239.69	13.604	12.808	-5.808
11,764.00	61.36	195.99	11,657.04	198.91	-459.09	-200.67	13.182	12.812	-3.646
11,816.00	66.73	193.26	11,679.80	153.69	-470.87	-155.50	11.353	10.327	-5.250
11,859.00	70.99	190.45	11,695.31	114.45	-479.09	-116.29	11.631	9.907	-6.535
11,883.67	74.96	189.65	11,702.53	91.23	-483.21	-93.08	16.377	16.080	-3.246
00-FTP-2318FEL(Par-105H) Plan 5									
11,906.00	78.55	188.95	11,707.64	69.78	-486.72	-71.65	16.377	16.091	-3.132
11,953.00	84.66	186.14	11,714.50	23.71	-492.81	-25.60	14.281	13.000	-5.979
11,973.00	86.51	185.79	11,716.04	3.88	-494.88	-5.78	9.413	9.250	-1.750
12,070.00	93.49	180.96	11,716.04	-92.86	-500.59	90.94	8.749	7.196	-4.979
12,162.00	97.85	180.87	11,706.96	-184.38	-502.05	182.45	4.740	4.739	-0.098
12,256.00	97.80	182.19	11,694.16	-277.47	-504.53	275.53	1.392	-0.053	1.404
12,350.00	88.48	186.05	11,689.01	-370.96	-511.28	369.00	10.727	-9.915	4.106
12,445.00	87.65	186.67	11,692.22	-465.32	-521.80	463.32	1.090	-0.874	0.653
12,540.00	89.32	182.71	11,694.73	-559.95	-529.56	557.91	4.522	1.758	-4.168
12,633.00	88.48	180.60	11,696.52	-652.89	-532.25	650.84	2.442	-0.903	-2.269
12,727.00	88.26	179.29	11,699.19	-746.85	-532.16	744.80	1.413	-0.234	-1.394
12,822.00	87.52	180.25	11,702.69	-841.78	-531.78	839.73	1.275	-0.779	1.011
12,916.00	83.43	178.85	11,710.10	-935.46	-531.04	933.42	4.597	-4.351	-1.489
13,010.00	83.82	177.44	11,720.54	-1,028.83	-528.02	1,026.79	1.547	0.415	-1.500
13,104.00	87.03	175.68	11,728.04	-1,122.35	-522.40	1,120.33	3.892	3.415	-1.872
13,199.00	90.95	175.68	11,729.71	-1,217.04	-515.24	1,215.05	4.126	4.126	0.000
13,294.00	93.27	178.14	11,726.22	-1,311.83	-510.12	1,309.86	3.558	2.442	2.589
13,389.00	91.38	179.37	11,722.36	-1,406.72	-508.06	1,404.76	2.373	-1.989	1.295
13,484.00	88.79	176.65	11,722.22	-1,501.64	-504.76	1,499.70	3.953	-2.726	-2.863
13,579.00	88.79	179.64	11,724.23	-1,596.56	-501.69	1,594.62	3.147	0.000	3.147



Aim Directional Services, LLC

Survey Report



Company:	Ameredev Operating	Local Co-ordinate Reference:	Well (03-7S)Par Three Fed Com 25-36-06 105H
Project:	Lea County, NM (N83-NME)	TVD Reference:	3290 + 27.5 @ 3317.50usft (Nabors X12)
Site:	Par Three_PineStraw	MD Reference:	3290 + 27.5 @ 3317.50usft (Nabors X12)
Well:	(03-7S)Par Three Fed Com 25-36-06 105H	North Reference:	Grid
Wellbore:	105H	Survey Calculation Method:	Minimum Curvature
Design:	105H	Database:	RTOC- EDM 5000.1 Single User Db

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)
13,674.00	89.76	179.11	11,725.43	-1,691.55	-500.65	1,689.61	1.163	1.021	-0.558
13,769.00	90.59	178.76	11,725.14	-1,786.53	-498.89	1,784.60	0.948	0.874	-0.368
13,863.00	92.31	177.97	11,722.76	-1,880.46	-496.21	1,878.54	2.013	1.830	-0.840
13,958.00	93.36	178.85	11,718.06	-1,975.30	-493.57	1,973.39	1.441	1.105	0.926
14,051.00	92.79	179.64	11,713.07	-2,068.16	-492.35	2,066.25	1.046	-0.613	0.849
14,146.00	89.19	181.83	11,711.43	-2,163.12	-493.57	2,161.21	4.435	-3.789	2.305
14,241.00	85.27	182.89	11,716.02	-2,257.91	-497.47	2,255.98	4.274	-4.126	1.116
14,336.00	89.41	180.96	11,720.43	-2,352.72	-500.66	2,350.78	4.807	4.358	-2.032
14,431.00	89.93	183.07	11,720.98	-2,447.66	-504.00	2,445.70	2.287	0.547	2.221
14,526.00	84.53	180.43	11,725.57	-2,542.46	-506.90	2,540.49	6.325	-5.684	-2.779
14,621.00	86.77	178.50	11,732.77	-2,637.17	-506.01	2,635.21	3.108	2.358	-2.032
14,714.00	86.59	178.58	11,738.16	-2,729.98	-503.65	2,728.03	0.212	-0.194	0.086
14,809.00	87.65	178.85	11,742.93	-2,824.84	-501.52	2,822.89	1.151	1.116	0.284
14,904.00	87.08	178.76	11,747.30	-2,919.72	-499.54	2,917.78	0.607	-0.600	-0.095
14,999.00	89.14	178.06	11,750.43	-3,014.62	-496.91	3,012.69	2.290	2.168	-0.737
15,093.00	88.40	177.62	11,752.45	-3,108.53	-493.36	3,106.62	0.916	-0.787	-0.468
15,188.00	88.75	179.02	11,754.81	-3,203.46	-490.58	3,201.55	1.519	0.368	1.474
15,283.00	89.89	179.37	11,755.94	-3,298.44	-489.25	3,296.54	1.255	1.200	0.368
15,378.00	88.57	178.85	11,757.22	-3,393.42	-487.77	3,391.52	1.493	-1.389	-0.547
15,473.00	89.76	181.40	11,758.60	-3,488.40	-487.98	3,486.50	2.962	1.253	2.684
15,566.00	90.07	182.19	11,758.74	-3,581.36	-490.89	3,579.44	0.913	0.333	0.849
15,661.00	89.32	181.13	11,759.25	-3,676.31	-493.64	3,674.39	1.367	-0.789	-1.116
15,756.00	90.42	181.31	11,759.46	-3,771.29	-495.67	3,769.36	1.173	1.158	0.189
15,851.00	90.73	181.13	11,758.51	-3,866.26	-497.69	3,864.32	0.377	0.326	-0.189
15,945.00	90.59	180.60	11,757.43	-3,960.24	-499.11	3,958.30	0.583	-0.149	-0.564
16,040.00	90.55	180.17	11,756.48	-4,055.24	-499.75	4,053.29	0.455	-0.042	-0.453
16,134.00	90.55	180.34	11,755.58	-4,149.23	-500.16	4,147.28	0.181	0.000	0.181
16,228.00	90.07	180.60	11,755.07	-4,243.23	-500.93	4,241.27	0.581	-0.511	0.277
16,322.00	89.71	180.87	11,755.25	-4,337.22	-502.14	4,335.26	0.479	-0.383	0.287
16,417.00	89.54	180.78	11,755.87	-4,432.21	-503.51	4,430.24	0.202	-0.179	-0.095
16,511.00	89.05	179.81	11,757.03	-4,526.20	-503.99	4,524.23	1.156	-0.521	-1.032
16,607.00	87.60	178.67	11,759.83	-4,622.14	-502.72	4,620.18	1.921	-1.510	-1.187
16,701.00	88.09	178.93	11,763.37	-4,716.06	-500.75	4,714.10	0.590	0.521	0.277
16,796.00	90.07	179.02	11,764.89	-4,811.02	-499.05	4,809.07	2.086	2.084	0.095
16,891.00	90.15	178.76	11,764.71	-4,906.01	-497.21	4,904.06	0.286	0.084	-0.274
16,984.00	89.85	178.67	11,764.71	-4,998.98	-495.13	4,997.04	0.337	-0.323	-0.097
17,078.00	90.81	178.58	11,764.17	-5,092.95	-492.87	5,091.02	1.026	1.021	-0.096
17,172.00	90.37	178.41	11,763.20	-5,186.92	-490.40	5,184.99	0.502	-0.468	-0.181
17,267.00	89.54	178.06	11,763.28	-5,281.87	-487.48	5,279.96	0.948	-0.874	-0.368
17,362.00	90.55	179.73	11,763.20	-5,376.85	-485.65	5,374.94	2.054	1.063	1.758
17,456.00	91.87	179.81	11,761.22	-5,470.82	-485.27	5,468.92	1.407	1.404	0.085
17,552.00	89.80	180.25	11,759.82	-5,566.81	-485.32	5,564.90	2.204	-2.156	0.458
17,647.00	90.29	180.60	11,759.74	-5,661.80	-486.02	5,659.90	0.634	0.516	0.368



American Resource Development LLC.

Aim Directional Services, LLC

Survey Report



Company:	Ameredev Operating	Local Co-ordinate Reference:	Well (03-7S)Par Three Fed Com 25-36-06 105H
Project:	Lea County, NM (N83-NME)	TVD Reference:	3290 + 27.5 @ 3317.50usft (Nabors X12)
Site:	Par Three_PineStraw	MD Reference:	3290 + 27.5 @ 3317.50usft (Nabors X12)
Well:	(03-7S)Par Three Fed Com 25-36-06 105H	North Reference:	Grid
Wellbore:	105H	Survey Calculation Method:	Minimum Curvature
Design:	105H	Database:	RTOC- EDM 5000.1 Single User Db

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)
17,740.00	90.68	180.87	11,758.96	-5,754.79	-487.22	5,752.88	0.510	0.419	0.290
17,834.00	86.95	180.96	11,760.90	-5,848.74	-488.72	5,846.82	3.969	-3.968	0.096
17,930.00	87.21	181.22	11,765.79	-5,944.60	-490.54	5,942.68	0.383	0.271	0.271
18,024.00	86.59	181.13	11,770.87	-6,038.44	-492.47	6,036.51	0.666	-0.660	-0.096
18,119.00	89.05	179.73	11,774.49	-6,133.36	-493.18	6,131.42	2.979	2.589	-1.474
18,214.00	88.92	179.55	11,776.17	-6,228.35	-492.58	6,226.41	0.234	-0.137	-0.189
18,309.00	91.12	179.64	11,776.14	-6,323.34	-491.91	6,321.40	2.318	2.316	0.095
18,403.00	92.00	179.64	11,773.58	-6,417.30	-491.32	6,415.37	0.936	0.936	0.000
18,498.00	92.70	179.64	11,769.68	-6,512.22	-490.72	6,510.29	0.737	0.737	0.000
18,593.00	89.76	179.90	11,767.64	-6,607.19	-490.34	6,605.25	3.107	-3.095	0.274
18,688.00	91.16	180.25	11,766.88	-6,702.18	-490.46	6,700.25	1.519	1.474	0.368
18,783.00	87.91	179.55	11,767.65	-6,797.16	-490.30	6,795.23	3.499	-3.421	-0.737
18,878.00	89.63	179.55	11,769.69	-6,892.13	-489.55	6,890.20	1.811	1.811	0.000
18,973.00	89.32	179.46	11,770.56	-6,987.13	-488.73	6,985.20	0.340	-0.326	-0.095
19,068.00	89.71	179.81	11,771.37	-7,082.12	-488.13	7,080.20	0.552	0.411	0.368
19,164.00	87.69	179.02	11,773.54	-7,178.09	-487.15	7,176.16	2.259	-2.104	-0.823
19,258.00	88.22	179.11	11,776.90	-7,272.01	-485.61	7,270.10	0.572	0.564	0.096
19,353.00	87.87	179.64	11,780.14	-7,366.95	-484.58	7,365.04	0.668	-0.368	0.558
19,446.00	88.62	180.60	11,782.99	-7,459.91	-484.77	7,457.99	1.310	0.806	1.032
19,541.00	91.21	180.78	11,783.13	-7,554.89	-485.92	7,552.97	2.733	2.726	0.189
19,636.00	90.86	180.87	11,781.41	-7,649.87	-487.29	7,647.94	0.380	-0.368	0.095
19,731.00	91.65	180.60	11,779.33	-7,744.83	-488.50	7,742.90	0.879	0.832	-0.284
19,826.00	92.92	180.34	11,775.54	-7,839.75	-489.28	7,837.82	1.365	1.337	-0.274
19,921.00	91.21	180.34	11,772.12	-7,934.69	-489.85	7,932.75	1.800	-1.800	0.000
20,015.00	89.54	180.43	11,771.51	-8,028.68	-490.48	8,026.74	1.779	-1.777	0.096
20,111.00	89.45	180.25	11,772.35	-8,124.67	-491.05	8,122.73	0.210	-0.094	-0.187
20,204.00	90.02	180.17	11,772.78	-8,217.67	-491.39	8,215.72	0.619	0.613	-0.086
20,298.00	90.68	179.99	11,772.21	-8,311.67	-491.52	8,309.72	0.728	0.702	-0.191
20,393.00	91.69	180.17	11,770.24	-8,406.65	-491.65	8,404.70	1.080	1.063	0.189
20,487.00	92.04	180.17	11,767.18	-8,500.60	-491.93	8,498.65	0.372	0.372	0.000
20,582.00	92.48	180.25	11,763.44	-8,595.52	-492.28	8,593.57	0.471	0.463	0.084
20,678.00	92.97	180.08	11,758.87	-8,691.41	-492.55	8,689.46	0.540	0.510	-0.177
20,772.00	91.38	180.17	11,755.31	-8,785.34	-492.76	8,783.39	1.694	-1.691	0.096
20,865.00	88.88	179.20	11,755.10	-8,878.33	-492.25	8,876.38	2.883	-2.688	-1.043
20,891.08	88.93	179.18	11,755.59	-8,904.41	-491.88	8,902.45	0.205	0.181	-0.096
09-T09-09(Par-105H) Plan 5									
20,959.00	89.05	179.11	11,756.79	-8,972.31	-490.86	8,970.36	0.205	0.181	-0.096
21,054.00	88.22	179.29	11,759.06	-9,067.27	-489.54	9,065.32	0.894	-0.874	0.189
21,149.00	89.98	179.55	11,760.55	-9,162.25	-488.57	9,160.31	1.873	1.853	0.274
21,244.00	89.98	179.20	11,760.58	-9,257.24	-487.54	9,255.30	0.368	0.000	-0.368
21,338.00	89.49	178.67	11,761.02	-9,351.23	-485.79	9,349.29	0.768	-0.521	-0.564
21,432.00	89.80	178.58	11,761.60	-9,445.20	-483.54	9,443.27	0.343	0.330	-0.096
21,526.00	89.54	178.32	11,762.14	-9,539.16	-480.99	9,537.24	0.391	-0.277	-0.277
21,620.00	89.63	178.23	11,762.82	-9,633.12	-478.16	9,631.21	0.135	0.096	-0.096



American Resource Development LLC.

Aim Directional Services, LLC

Survey Report



Company:	Ameredev Operating	Local Co-ordinate Reference:	Well (03-7S)Par Three Fed Com 25-36-06 105H
Project:	Lea County, NM (N83-NME)	TVD Reference:	3290 + 27.5 @ 3317.50usft (Nabors X12)
Site:	Par Three_PineStraw	MD Reference:	3290 + 27.5 @ 3317.50usft (Nabors X12)
Well:	(03-7S)Par Three Fed Com 25-36-06 105H	North Reference:	Grid
Wellbore:	105H	Survey Calculation Method:	Minimum Curvature
Design:	105H	Database:	RTOC- EDM 5000.1 Single User Db

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)
21,715.00	90.02	178.58	11,763.11	-9,728.08	-475.52	9,726.18	0.552	0.411	0.368
21,809.00	90.20	179.02	11,762.93	-9,822.06	-473.55	9,820.17	0.506	0.191	0.468
21,890.96	89.71	179.10	11,763.00	-9,904.00	-472.20	9,902.12	0.607	-0.600	0.095
10-T10-10(Par-105H) Plan 5									
21,904.00	89.63	179.11	11,763.07	-9,917.04	-472.00	9,915.16	0.607	-0.600	0.095
21,999.00	89.93	179.55	11,763.44	-10,012.04	-470.89	10,010.15	0.561	0.316	0.463
22,093.00	91.91	179.90	11,761.93	-10,106.02	-470.44	10,104.14	2.139	2.106	0.372
22,188.00	91.25	179.90	11,759.31	-10,200.98	-470.27	10,199.10	0.695	-0.695	0.000
22,246.00	91.78	180.34	11,757.77	-10,258.96	-470.39	10,257.08	1.187	0.914	0.759
Last Aim Svy - 11-LTP-2318FEL(Par-105H) - 11-LTP-2318FEL(Par-105H) Plan 5									
22,307.96	91.78	180.34	11,755.85	-10,320.89	-470.76	10,319.00	0.000	0.000	0.000
12-PBHL-2318FEL(Par-105H) Plan 5									
22,308.00	91.78	180.34	11,755.85	-10,320.93	-470.76	10,319.05	0.002	0.000	0.000
Proj to BHL									

Design Targets

Target Name

- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- Shape									
13-T11-11(Par-105H)	0.00	0.00	11,745.23	-10,904.06	-475.13	414,807.94	860,203.87	32° 8' 10.298 N	103° 18' 11.488 W
- survey misses target center by 583.24usft at 22308.00usft MD (11755.85 TVD, -10320.93 N, -470.76 E)									
- Point									

Survey Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1,550.00	1,549.85	9.47	-6.28	Tie in Gyrodata
1,714.00	1,713.85	9.60	-7.23	First Aim Svy
22,246.00	11,757.77	-10,258.96	-470.39	Last Aim Svy
22,308.00	11,755.85	-10,320.93	-470.76	Proj to BHL

Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

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

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. 30-025-49630
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☐ FEE ☐ FED ☒
2. Name of Operator AMEREDEV OPERATING, LLC		6. State Oil & Gas Lease No. NMNM127447
3. Address of Operator 2901 VIA FORTUNA, SUITE 600 AUSTIN, TX 78746		7. Lease Name or Unit Agreement Name PAR THREE 25 36 06 FEDERAL COM
4. Well Location Unit Letter <u>2</u> : <u>200</u> feet from the <u>NORTH</u> line and <u>1800</u> feet from the <u>EAST</u> line Section <u>6</u> Township <u>25-S</u> Range <u>36-E</u> NMPM County <u>LEA</u>		8. Well Number 105H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,290' GL / 3,317' RKB		9. OGRID Number 372224
		10. Pool name or Wildcat JAL/WOLFCAMP WEST

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
DOWNHOLE COMMINGLE ☐	P AND A ☐
CLOSED-LOOP SYSTEM ☐	CASING/CEMENT JOB ☐
OTHER: ☐	OTHER: ☒ COMPLETION

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.

SPUD DATE: 1/6/2022
 RIG RELEASED: 3/11/2022
 3/15/2022 Test Void to 9500 psi, seals & flanges to 10,000psi
 3/21/2022 Begin perf and frac
 4/25/2022 Finish 72 stages perf and frac, 11,936 - 22,217 0.49, 4320 , 32,395210LBS PROPPANT / 53,914,376BBLs FLUIDS
 5/8/2022 Drilled out plugs and clean out wellbore
 5/12/2022 Opened well to flowback - Date of First Production

Spud Date:

1/6/2022

Rig Release Date:

3/11/2022

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

SIGNATURE Joseph Lanham TITLE Engineer DATE 6/27/2022

Type or print name Joseph Lanham E-mail address jlanham@ameredev.com PHONE 281-370-7419
For State Use Only

APPROVED BY: _____ DATE _____

Conditions of Approval (if any):

Received by OCD: 10/31/2022 10:39:50 AM Typo Corrections 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 9, 2017					
		1. WELL API NO.				30-025-49630					
		2. Type of Lease ☐ STATE ☐ FEE ☒ FED/INDIAN									
		3. State Oil & Gas Lease No.				NMNM127447					
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 PAR THREE 25 36 06 FEDERAL COM					
						6. Well Number: 105H					
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____											
8. Name of Operator AMEREDEV OPERATING, LLC						9. OGRID 372224					
10. Address of Operator 2901 VIA FORTUNA, SUITE 600 AUSTIN, TX 78746						11. Pool name or Wildcat JAL/WOLFCAMP WEST					
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County	
Surface:	2	6	25-S	36-E	-	200	NORTH	1800	EAST	LEA	
BH:	O	7	25-S	36-E	-	50	SOUTH	2318	EAST	LEA	
13. Date Spudded 1/6/2022		14. Date T.D. Reached 3/7/2022		15. Date Rig Released 3/11/2022		16. Date Completed (Ready to Produce) 4/24/2022		17. Elevations (DF and RKB, RT, GR, etc.) 3,290' GL / 3,317' RKB			
18. Total Measured Depth of Well 22,246				19. Plug Back Measured Depth 22,222		20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run MWD - API GAMMA RAY			
22. Producing Interval(s), of this completion - Top, Bottom, Name 11,936 - 22,217 Wolfcamp											
23. CASING RECORD (Report all strings set in well)											
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
13.375" J55 BTC		68#		1,665		17.5"		1174 / 327			
10.75" HCL80 BTC		45.5#		5,408		12.25		1640 / 305			
7.625" HC L80 BTC		29.7#		11,084		9.875"		1000 / 270			
5.5" RYS110		23#		22,275		6.75"		700 / 585			
24. LINER RECORD											
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		25. TUBING RECORD	
										SIZE	
										DEPTH SET	
										PACKER SET	
										11,171	
										11,171	
26. Perforation record (interval, size, and number) 11,936 - 22,217 0.49, 4320						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
						11936- 22,217		32,395210LBS PROPPANT / 53,914,376BBLS FLUIDS			
23. PRODUCTION											
Date First Production 5/12/2022		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING				Well Status (Prod. or Shut-in) PRODUCING					
Date of Test 6/3/2022	Hours Tested 24	Choke Size 64	Prod'n For Test Period	Oil - Bbl 1847	Gas - MCF 1619	Water - Bbl. 4460	Gas - Oil Ratio 876.5565782				
Flow Tubing Press. 1619	Casing Pressure 800	Calculated 24- Hour Rate	Oil - Bbl. 1847	Gas - MCF 1619	Water - Bbl. 4460	Oil Gravity - API - (Corr.) 42					
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold								30. Test Witnessed By			
31. List Attachments											
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.											
33. If an on-site burial was used at the well, report the exact location of the on-site burial: Latitude Longitude NAD 1927 1983											
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>Joseph Lanham</i>		Printed Name		Joseph Lanham		Title		Engineer		Date 6/27/2022	
E-mail Address				jlanham@amereDEV.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 _____	T. Strawn _____	T. Kirtland _____	T. Penn. "B" _____
B. Salt _____	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 Andreas _____	T. Simpson _____	T. Mancos _____	T. McCracken _____
T. Glorieta _____	T. McKee _____	T. Gallup _____	T. Ignacio Otzte _____
T. Paddock _____	T. Ellenburger _____	Base Greenhorn _____	T. Granite _____
T. Blinbury _____	T. Gr. Wash _____	T. Dakota _____	
T. Tubb _____	T. Delaware Sand _____	T. Morrison _____	
T. Drinkard _____	T. Bone Springs _____ 7354	T. Todilto _____	
T. Abo _____	T. _____	T. Entrada _____	
T. Wolfcamp _____ 11,667	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
0	1,523	1523	Anhydrite				
1523	2,052	529	Salt				
2051.688	3,594	1542	Limestone				
3594	3,992	398	Limestone				
3992	5,287	1296	Limestone				
5287	5,458	171	Limestone				
5458	7,354	1895	Sandstone				
7354	8,366	1013	Sandstone				
8366	9,770	1404	Limestone				
9770	10,269	499	Sandstone				
10269.17	10,876	607	Sandstone				
10875.92	11,438	562	Limestone				
11438.29	11,667	228	Sandstone				
11666.76	TD		Shale				

Wellbore Schematic - AS-DRILLED

Well: Par Three 25 36 06 Federal Com 105H
SHL: Sec. 6, T25S, R36E, 200' FNL & 1800' FEL
BHL: Sec. 07 T25S, R36E, 50' FSL & 2318' FEL
 Lea, NM
Wellhead: A - 13-5/8" 10M x 13-5/8" SOW
 B - 13-5/8" 10M x 13-5/8" 10M
 C - 13-5/8" 10M x 13-5/8" 10M
 Tubing Spool - 7-1/16" 15M x 13-3/8" 10M
Xmas Tree: 2-9/16" 10M
Tubing: 2-7/8" L-80 6.5# 8rd EUE

Co. Well ID: 40577
AFE No.: 2021-085
API No.: 30-025-49630
GL: 3,290'
Field: Delaware
Objective: Wolfcamp A
TVD: 11,757'
MD: 22,308'
Rig: Nabors X12 **KB:** 27.5'
E-Mail: drillingcr@ameredev.com

Hole Size	Formation Tops (MD/TVD)	Cement	Mud Wgt
17.5"	Rustler 1,515' 13.375" 68# L-80BTC 1,608'		8.4-8.6 ppg WBM
12.25"	Salado 2037/2035 Tansill 3483/3478 DV Tool with ACP 3,807' Capitan Reef 3942/3935 Lamar 5258/5246 Bell Canyon 5456/5444 10-3/4" Csg 0-3890' 40.5# K55 BTC, 3890'-5408' 45.5# L80 BTC 5,408'	Lead: 11.0 ppg 860sks 338 bbls; Tail: 14.8 ppg 145 sks 34 bbls, No CTS; 2nd Stage: Lead 12 ppg 780 sks 266 bbls; Tail 14.8 ppg 160 sks 37 bbls - 25 bbls CTS	10.0 ppf Brine Water, Partial Returns beginning @ 4320', 9.0 ppg Cut Brine to Csg Depth
9.875"	Brushy Canyon 7242/7223 Bone Spring Lime 8427/8408 First Bone Spring 9762/9742 Second Bone Spring 10304/10284 Third Bone Spring Upper 10886/10863 7.625" 29.7# L-80HC BTC 11,099'	Lead: 10.5ppg 1000 sks 517 bbls; Tail: 14.2 ppg 270 sks 62 bbls; 168 bbls CTS	8.7 ppg - 9.0 ppg Cut Brine Wtr
6.75" 10 - 23° Build Curve @ 11,130' MD thru 11,973' MD	Third Bone Spring 11419/11396 Wolfcamp A 11670/11603 Survey LTP @ 22258' MD/ 11757' TVD Csg LTP @ 22248' MD/ 11757' TVD 22,308' TD / 5.5" 23# RYSP-110 USS-Eagle SFH 0-11,851'; 23# P-110CY Anaconda 11,851'-22,275'	Lead: 697 sks 246 bbls 12.5 ppg(35% Excess) Tail: 885 sks 202 bbls 14.2 ppg(25% Excess) 100 bbls CTS	11.0-11.4 ppg 70:30 OBM
Marker Jts - 17,460' & 11,340'; Floation Sub - 11,439'			

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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 154924

ACKNOWLEDGMENTS

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 154924
	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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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 154924

CONDITIONS

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 154924
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report and 3160-5 Completion Sundry within 10 days of BLM approval.	5/7/2024