

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. 30-025-52110
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator AMEREDEV OPERATING, LLC		6. State Oil & Gas Lease No. 331807
3. Address of Operator 2901 VIA FORTUNA, STE. 600 AUSTIN, TX 78746		7. Lease Name or Unit Agreement Name AZALEA 26 36 28 STATE COM
4. Well Location Unit Letter <u>C</u> : <u>280</u> feet from the <u>NORTH</u> line and <u>1966</u> feet from the <u>WEST</u> line Section <u>28</u> Township <u>26S</u> Range <u>36E</u> NMPM County <u>LEA</u>		8. Well Number 182H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2914		9. OGRID Number 372224
10. Pool name or Wildcat [98150] WC-025 G-08 S263620C; LWR BONE SPRIN		

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: ☐

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.

Ameredev would like to revise the permitted SHL per below:

- Original location: Section 28/Township 26S/Range 36E, 230' FNL 2111' FWL, Lat: 32.0208913/Long: -103.2717796
- Modified location: Section 28/Township 26S/Range 36E, 280' FNL 1966' FWL, Lat: 32.0207534/Long: -103.2722475

To accommodate this change, Ameredev plans to expand the original well pad to add an additional 100'x400' (.92 acres) area to the west side of the original pad. See attached plats.

Spud Date:

Rig Release Date:

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

SIGNATURE Joe Bob Jones TITLE Engineer DATE 9/5/2024

Type or print name Joe Bob Jones E-mail address: jjones@ameredev.com PHONE: 737-300-4700

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☒ Amended Report
		☐ As Drilled	

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-52110	Pool Code 98150	Pool Name WC-025 G-08 S263620C; LWR BONE SPRING
Property Code 331807	Property Name AZALEA 26 36 28 STATE COM	Well Number 182H
OGRID No. 372224	Operator Name AMEREDEV OPERATING, LLC.	Ground Level Elevation 2914'
Surface Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL or lot no. C	Section 28	Township 26-S	Range 36-E	Lot Idn -	Feet from the N/S 280' N	Feet from the E/W 1966' W	Latitude N 32.0207534	Longitude W 103.2722475	County LEA
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Bottom Hole Location

UL or lot no. 3	Section 33	Township 26-S	Range 36-E	Lot Idn -	Feet from the N/S 50' S	Feet from the E/W 2310' W	Latitude N 32.0004500	Longitude W 103.2711366	County LEA
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Dedicated Acres 233.74	Infill or Defining Well DEFINING	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidated Code
Order Numbers N/A			Well Setbacks are under Common Ownership: ☒ Yes ☐ No	

Kick Off Point (KOP)

UL or lot no. C	Section 28	Township 26-S	Range 36-E	Lot Idn -	Feet from the N/S 100' N	Feet from the E/W 2310' W	Latitude N 32.0212493	Longitude W 103.2711381	County LEA
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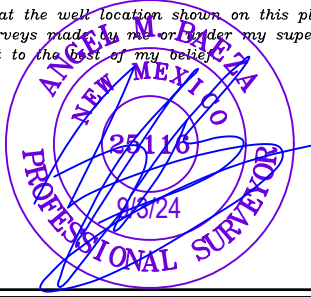
First Take Point (FTP)

UL or lot no. C	Section 28	Township 26-S	Range 36-E	Lot Idn -	Feet from the N/S 100' N	Feet from the E/W 2310' W	Latitude N 32.0212493	Longitude W 103.2711381	County LEA
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Last Take Point (LTP)

UL or lot no. 3	Section 33	Township 26-S	Range 36-E	Lot Idn -	Feet from the N/S 100' S	Feet from the E/W 2310' W	Latitude N 32.0005874	Longitude W 103.2711366	County LEA
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Unitized Area or Area of Uniform Intrest UNITIZED AREA	Spacing Unity Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation
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OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief; and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <i>If this well is a horizontal well, I further certify that this organization has received The consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i> <u>Joe Bob Jones</u> 9/5/2024 Signature Date Joe Bob Jones Print Name jjones@amereDEV.com E-mail Address		SURVEYORS CERTIFICATION <i>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.</i>  Signature and Seal of Professional Surveyor Date Certificate Number Date of Survey 6068/2023	
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<u>C-102</u> Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☒ Amended Report
		☐ As Drilled	
Property Name and Well Number AZALEA 26 36 28 STATE COM 182H			

SURFACE LOCATION (SHL)

NEW MEXICO EAST
NAD 1983
X=870196 Y=372904
LAT.: N 32.0207534
LONG.: W 103.2722475
1966' FWL 280' FNL

**KICK OFF POINT (KOP)
FIRST TAKE POINT (FTP)**

NEW MEXICO EAST
NAD 1983
X=870538 Y=373087
LAT.: N 32.0212493
LONG.: W 103.2711381
2310' FWL 100' FNL

LAST TAKE POINT (LTP)

NEW MEXICO EAST
NAD 1983
X=870612 Y=365571
LAT.: N 32.0005874
LONG.: W 103.2711366
2310' FWL 100' FSL

BOTTOM HOLE LOCATION (BHL)

NEW MEXICO EAST
NAD 1983
X=870613 Y=365521
LAT.: N 32.0004500
LONG.: W 103.2711366
2310' FWL 50' FSL

The survey plat illustrates a well's path from the surface through the ground to the bottom hole. The path starts at the Surface Location (SHL) in Lot 4, crosses the Texas-New Mexico border, passes through Lots 3 and 2, and ends at the Bottom Hole Location (BHL) in Lot 1. Key points along the path include the Kick Off Point (KOP), First Take Point (FTP), and Last Take Point (LTP). The well is situated within a horizontal spacing unit. The plat includes various measurements such as distances between points, bearings, and coordinates. A dedication area is also indicated.

DEDICATION

SURVEYORS 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.
06/08/2023

Date of Survey
Signature and Seal of Professional Surveyor:

ANGEL M. BAEZA
NEW MEXICO
PROFESSIONAL SURVEYOR
25116
9/5/24

Released to Imaging: 9/13/2024 2:12:54 PM



American Resource Development LLC.

Ameredev Operating

Lea County, NM (N83-NME)

Azalea

Azalea 26 36 28 State Com #182H

182H

Plan: APD-Rev01

Standard Planning Report - Geographic

06 September, 2024



American Resource Development LLC

Planning Report - Geographic

Database:	TZ USA 17.2	Local Co-ordinate Reference:	Well Azalea State Com 26 36 28 #182H
Company:	Ameredev Operating	TVD Reference:	2914+27 @ 2941.00usft
Project:	Lea County, NM (N83-NME)	MD Reference:	2914+27 @ 2941.00usft
Site:	Azalea	North Reference:	Grid
Well:	Azalea State Com 26 36 28 #182H	Survey Calculation Method:	Minimum Curvature
Wellbore:	182H		
Design:	APD-Rev01		

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	Azalea				
Site Position:		Northing:	372,874.00 usft	Latitude:	32.02067178
From:	Map	Easting:	870,196.00 usft	Longitude:	-103.27224724
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "		

Well	Azalea State Com 26 36 28 #182H					
Well Position	+N/-S	0.00 usft	Northing:	372,904.00 usft	Latitude:	32.02075424
	+E/-W	0.00 usft	Easting:	870,196.00 usft	Longitude:	-103.27224629
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	2,914.00 usft
Grid Convergence:		0.56 °				

Wellbore	182H				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	9/6/2024	6.01	59.65	47,069.79342185

Design	APD-Rev01			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	179.43

Plan Survey Tool Program	Date	9/6/2024		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	17,627.22 APD-Rev01 (182H)	OWSG MWD Rev 5	
			OWSG MWD - Standard	



American Resource Development LLC

Planning Report - Geographic

Database:	TZ USA 17.2	Local Co-ordinate Reference:	Well Azalea State Com 26 36 28 #182H
Company:	Ameredev Operating	TVD Reference:	2914+27 @ 2941.00usft
Project:	Lea County, NM (N83-NME)	MD Reference:	2914+27 @ 2941.00usft
Site:	Azalea	North Reference:	Grid
Well:	Azalea State Com 26 36 28 #182H	Survey Calculation Method:	Minimum Curvature
Wellbore:	182H		
Design:	APD-Rev01		

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,356.56	5.35	61.85	2,356.04	7.85	14.66	1.50	1.50	0.00	61.85	
6,161.04	5.35	61.85	6,143.96	175.15	327.34	0.00	0.00	0.00	0.00	
6,517.60	0.00	0.01	6,500.00	183.00	342.00	1.50	-1.50	0.00	180.00	
9,732.64	0.00	0.01	9,715.04	183.00	342.00	0.00	0.00	0.00	0.01	
10,632.64	90.00	179.43	10,288.00	-389.93	347.68	10.00	10.00	19.94	179.43	
11,239.28	90.00	179.43	10,288.00	-996.54	353.69	0.00	0.00	0.00	0.00	00-1000VS(AZSC-18:
11,253.70	89.71	179.43	10,288.04	-1,010.96	353.83	2.00	-2.00	0.00	180.00	
12,239.29	89.71	179.43	10,293.00	-1,996.49	363.60	0.00	0.00	0.00	0.00	00-2000VS(AZSC-18:
12,250.71	89.48	179.43	10,293.08	-2,007.91	363.71	2.00	-2.00	-0.01	-179.86	
13,239.33	89.48	179.43	10,302.00	-2,996.44	373.52	0.00	0.00	0.00	0.00	00-3000VS(AZSC-18:
13,298.28	88.30	179.43	10,303.14	-3,055.37	374.10	2.00	-2.00	0.00	179.97	
14,239.75	88.30	179.43	10,331.00	-3,996.39	383.43	0.00	0.00	0.00	0.00	00-4000VS(AZSC-18:
14,282.49	89.16	179.43	10,331.95	-4,039.11	383.85	2.00	2.00	0.00	0.00	
15,239.87	89.16	179.43	10,346.00	-4,996.34	393.34	0.00	0.00	0.00	0.00	00-5000VS(AZSC-18:
15,290.42	90.17	179.43	10,346.30	-5,046.89	393.84	2.00	2.00	0.00	-0.12	
16,208.37	90.17	179.43	10,343.57	-5,964.79	402.97	0.00	0.00	0.00	0.00	
16,299.86	88.34	179.43	10,344.76	-6,056.26	403.88	2.00	-2.00	0.00	179.89	
17,627.22	88.34	179.43	10,383.21	-7,383.00	417.00	0.00	0.00	0.00	0.00	03-PBHL(AZSC-182H



American Resource Development LLC

Planning Report - Geographic

Database:	TZ USA 17.2	Local Co-ordinate Reference:	Well Azalea State Com 26 36 28 #182H
Company:	Ameredev Operating	TVD Reference:	2914+27 @ 2941.00usft
Project:	Lea County, NM (N83-NME)	MD Reference:	2914+27 @ 2941.00usft
Site:	Azalea	North Reference:	Grid
Well:	Azalea State Com 26 36 28 #182H	Survey Calculation Method:	Minimum Curvature
Wellbore:	182H		
Design:	APD-Rev01		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.00	0.00	0.00	0.00	0.00	0.00	372,904.00	870,196.00	32.02075424	-103.27224629
100.00	0.00	0.00	100.00	0.00	0.00	372,904.00	870,196.00	32.02075424	-103.27224629
200.00	0.00	0.00	200.00	0.00	0.00	372,904.00	870,196.00	32.02075424	-103.27224629
300.00	0.00	0.00	300.00	0.00	0.00	372,904.00	870,196.00	32.02075424	-103.27224629
400.00	0.00	0.00	400.00	0.00	0.00	372,904.00	870,196.00	32.02075424	-103.27224629
500.00	0.00	0.00	500.00	0.00	0.00	372,904.00	870,196.00	32.02075424	-103.27224629
600.00	0.00	0.00	600.00	0.00	0.00	372,904.00	870,196.00	32.02075424	-103.27224629
700.00	0.00	0.00	700.00	0.00	0.00	372,904.00	870,196.00	32.02075424	-103.27224629
800.00	0.00	0.00	800.00	0.00	0.00	372,904.00	870,196.00	32.02075424	-103.27224629
900.00	0.00	0.00	900.00	0.00	0.00	372,904.00	870,196.00	32.02075424	-103.27224629
1,000.00	0.00	0.00	1,000.00	0.00	0.00	372,904.00	870,196.00	32.02075424	-103.27224629
1,100.00	0.00	0.00	1,100.00	0.00	0.00	372,904.00	870,196.00	32.02075424	-103.27224629
1,200.00	0.00	0.00	1,200.00	0.00	0.00	372,904.00	870,196.00	32.02075424	-103.27224629
1,300.00	0.00	0.00	1,300.00	0.00	0.00	372,904.00	870,196.00	32.02075424	-103.27224629
1,400.00	0.00	0.00	1,400.00	0.00	0.00	372,904.00	870,196.00	32.02075424	-103.27224629
1,500.00	0.00	0.00	1,500.00	0.00	0.00	372,904.00	870,196.00	32.02075424	-103.27224629
1,600.00	0.00	0.00	1,600.00	0.00	0.00	372,904.00	870,196.00	32.02075424	-103.27224629
1,700.00	0.00	0.00	1,700.00	0.00	0.00	372,904.00	870,196.00	32.02075424	-103.27224629
1,800.00	0.00	0.00	1,800.00	0.00	0.00	372,904.00	870,196.00	32.02075424	-103.27224629
1,900.00	0.00	0.00	1,900.00	0.00	0.00	372,904.00	870,196.00	32.02075424	-103.27224629
2,000.00	0.00	0.00	2,000.00	0.00	0.00	372,904.00	870,196.00	32.02075424	-103.27224629
2,100.00	1.50	61.85	2,099.99	0.62	1.15	372,904.62	870,197.15	32.02075591	-103.27224255
2,200.00	3.00	61.85	2,199.91	2.47	4.62	372,906.47	870,200.62	32.02076090	-103.27223132
2,300.00	4.50	61.85	2,299.69	5.56	10.38	372,909.55	870,206.38	32.02076923	-103.27221262
2,356.56	5.35	61.85	2,356.04	7.85	14.66	372,911.84	870,210.66	32.02077541	-103.27219874
2,400.00	5.35	61.85	2,399.29	9.76	18.23	372,913.75	870,214.23	32.02078056	-103.27218716
2,500.00	5.35	61.85	2,498.86	14.15	26.45	372,918.15	870,222.45	32.02079243	-103.27216051
2,600.00	5.35	61.85	2,598.42	18.55	34.67	372,922.55	870,230.67	32.02080429	-103.27213385
2,700.00	5.35	61.85	2,697.99	22.95	42.89	372,926.95	870,238.89	32.02081616	-103.27210720
2,800.00	5.35	61.85	2,797.55	27.35	51.11	372,931.35	870,247.11	32.02082802	-103.27208055
2,900.00	5.35	61.85	2,897.12	31.74	59.33	372,935.74	870,255.33	32.02083989	-103.27205389
3,000.00	5.35	61.85	2,996.68	36.14	67.54	372,940.14	870,263.54	32.02085175	-103.27202724
3,100.00	5.35	61.85	3,096.25	40.54	75.76	372,944.54	870,271.76	32.02086362	-103.27200059
3,200.00	5.35	61.85	3,195.81	44.94	83.98	372,948.94	870,279.98	32.02087548	-103.27197393
3,300.00	5.35	61.85	3,295.38	49.34	92.20	372,953.33	870,288.20	32.02088735	-103.27194728
3,400.00	5.35	61.85	3,394.94	53.73	100.42	372,957.73	870,296.42	32.02089922	-103.27192063
3,500.00	5.35	61.85	3,494.50	58.13	108.64	372,962.13	870,304.64	32.02091108	-103.27189397
3,600.00	5.35	61.85	3,594.07	62.53	116.86	372,966.53	870,312.86	32.02092295	-103.27186732
3,700.00	5.35	61.85	3,693.63	66.93	125.07	372,970.92	870,321.07	32.02093481	-103.27184067
3,800.00	5.35	61.85	3,793.20	71.32	133.29	372,975.32	870,329.29	32.02094668	-103.27181401
3,900.00	5.35	61.85	3,892.76	75.72	141.51	372,979.72	870,337.51	32.02095854	-103.27178736
4,000.00	5.35	61.85	3,992.33	80.12	149.73	372,984.12	870,345.73	32.02097041	-103.27176070
4,100.00	5.35	61.85	4,091.89	84.52	157.95	372,988.51	870,353.95	32.02098227	-103.27173405
4,200.00	5.35	61.85	4,191.46	88.91	166.17	372,992.91	870,362.17	32.02099414	-103.27170740
4,300.00	5.35	61.85	4,291.02	93.31	174.39	372,997.31	870,370.39	32.02100600	-103.27168074
4,400.00	5.35	61.85	4,390.59	97.71	182.60	373,001.71	870,378.60	32.02101787	-103.27165409
4,500.00	5.35	61.85	4,490.15	102.11	190.82	373,006.11	870,386.82	32.02102973	-103.27162744
4,600.00	5.35	61.85	4,589.72	106.50	199.04	373,010.50	870,395.04	32.02104160	-103.27160078
4,700.00	5.35	61.85	4,689.28	110.90	207.26	373,014.90	870,403.26	32.02105346	-103.27157413
4,800.00	5.35	61.85	4,788.84	115.30	215.48	373,019.30	870,411.48	32.02106533	-103.27154748
4,900.00	5.35	61.85	4,888.41	119.70	223.70	373,023.70	870,419.70	32.02107719	-103.27152082
5,000.00	5.35	61.85	4,987.97	124.10	231.92	373,028.09	870,427.92	32.02108906	-103.27149417
5,100.00	5.35	61.85	5,087.54	128.49	240.13	373,032.49	870,436.13	32.02110092	-103.27146752
5,200.00	5.35	61.85	5,187.10	132.89	248.35	373,036.89	870,444.35	32.02111279	-103.27144086
5,300.00	5.35	61.85	5,286.67	137.29	256.57	373,041.29	870,452.57	32.02112465	-103.27141421



American Resource Development LLC

Planning Report - Geographic

Database:	TZ USA 17.2	Local Co-ordinate Reference:	Well Azalea State Com 26 36 28 #182H
Company:	Ameredev Operating	TVD Reference:	2914+27 @ 2941.00usft
Project:	Lea County, NM (N83-NME)	MD Reference:	2914+27 @ 2941.00usft
Site:	Azalea	North Reference:	Grid
Well:	Azalea State Com 26 36 28 #182H	Survey Calculation Method:	Minimum Curvature
Wellbore:	182H		
Design:	APD-Rev01		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
5,400.00	5.35	61.85	5,386.23	141.69	264.79	373,045.68	870,460.79	32.02113652	-103.27138756
5,500.00	5.35	61.85	5,485.80	146.08	273.01	373,050.08	870,469.01	32.02114838	-103.27136090
5,600.00	5.35	61.85	5,585.36	150.48	281.23	373,054.48	870,477.23	32.02116025	-103.27133425
5,700.00	5.35	61.85	5,684.93	154.88	289.45	373,058.88	870,485.45	32.02117211	-103.27130759
5,800.00	5.35	61.85	5,784.49	159.28	297.66	373,063.28	870,493.66	32.02118398	-103.27128094
5,900.00	5.35	61.85	5,884.06	163.67	305.88	373,067.67	870,501.88	32.02119584	-103.27125429
6,000.00	5.35	61.85	5,983.62	168.07	314.10	373,072.07	870,510.10	32.02120771	-103.27122763
6,100.00	5.35	61.85	6,083.18	172.47	322.32	373,076.47	870,518.32	32.02121957	-103.27120098
6,161.04	5.35	61.85	6,143.96	175.15	327.34	373,079.15	870,523.34	32.02122682	-103.27118471
6,200.00	4.76	61.85	6,182.77	176.77	330.36	373,080.77	870,526.36	32.02123119	-103.27117489
6,300.00	3.26	61.85	6,282.52	180.08	336.54	373,084.07	870,532.54	32.02124010	-103.27115488
6,400.00	1.76	61.85	6,382.42	182.15	340.40	373,086.14	870,536.40	32.02124568	-103.27114233
6,500.00	0.26	61.85	6,482.40	182.98	341.96	373,086.98	870,537.96	32.02124793	-103.27113727
6,517.60	0.00	0.01	6,500.00	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
01-FTP(AZSC-182H)									
6,600.00	0.00	0.00	6,582.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
6,700.00	0.00	0.00	6,682.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
6,800.00	0.00	0.00	6,782.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
6,900.00	0.00	0.00	6,882.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
7,000.00	0.00	0.00	6,982.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
7,100.00	0.00	0.00	7,082.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
7,200.00	0.00	0.00	7,182.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
7,300.00	0.00	0.00	7,282.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
7,400.00	0.00	0.00	7,382.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
7,500.00	0.00	0.00	7,482.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
7,600.00	0.00	0.00	7,582.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
7,700.00	0.00	0.00	7,682.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
7,800.00	0.00	0.00	7,782.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
7,900.00	0.00	0.00	7,882.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
8,000.00	0.00	0.00	7,982.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
8,100.00	0.00	0.00	8,082.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
8,200.00	0.00	0.00	8,182.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
8,300.00	0.00	0.00	8,282.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
8,400.00	0.00	0.00	8,382.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
8,500.00	0.00	0.00	8,482.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
8,600.00	0.00	0.00	8,582.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
8,700.00	0.00	0.00	8,682.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
8,800.00	0.00	0.00	8,782.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
8,900.00	0.00	0.00	8,882.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
9,000.00	0.00	0.00	8,982.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
9,100.00	0.00	0.00	9,082.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
9,200.00	0.00	0.00	9,182.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
9,300.00	0.00	0.00	9,282.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
9,400.00	0.00	0.00	9,382.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
9,500.00	0.00	0.00	9,482.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
9,600.00	0.00	0.00	9,582.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
9,700.00	0.00	0.00	9,682.40	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
9,732.64	0.00	0.00	9,715.04	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
KOP: 9732.64' MD/ -179.59' VS/9715.04' TVD									
9,750.00	1.74	179.43	9,732.40	182.74	342.00	373,086.74	870,538.00	32.02124726	-103.27113716
9,800.00	6.74	179.43	9,782.25	179.05	342.04	373,083.04	870,538.04	32.02123711	-103.27113716
9,850.00	11.74	179.43	9,831.58	171.02	342.12	373,075.02	870,538.12	32.02121506	-103.27113716
9,900.00	16.74	179.43	9,880.03	158.73	342.24	373,062.73	870,538.24	32.02118127	-103.27113715
9,950.00	21.74	179.43	9,927.23	142.26	342.40	373,046.26	870,538.40	32.02113601	-103.27113715



American Resource Development LLC

Planning Report - Geographic

Database:	TZ USA 17.2	Local Co-ordinate Reference:	Well Azalea State Com 26 36 28 #182H
Company:	Ameredev Operating	TVD Reference:	2914+27 @ 2941.00usft
Project:	Lea County, NM (N83-NME)	MD Reference:	2914+27 @ 2941.00usft
Site:	Azalea	North Reference:	Grid
Well:	Azalea State Com 26 36 28 #182H	Survey Calculation Method:	Minimum Curvature
Wellbore:	182H		
Design:	APD-Rev01		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
10,000.00	26.74	179.43	9,972.80	121.75	342.61	373,025.75	870,538.61	32.02107961	-103.27113714
10,050.00	31.74	179.43	10,016.42	97.34	342.85	373,001.33	870,538.85	32.02101251	-103.27113714
10,100.00	36.74	179.43	10,057.74	69.22	343.13	372,973.21	870,539.13	32.02093521	-103.27113713
10,150.00	41.74	179.43	10,096.46	37.60	343.44	372,941.60	870,539.44	32.02084831	-103.27113712
10,200.00	46.74	179.43	10,132.27	2.73	343.79	372,906.73	870,539.79	32.02075247	-103.27113711
10,250.00	51.74	179.43	10,164.91	-35.12	344.16	372,868.87	870,540.16	32.02064841	-103.27113710
10,284.83	55.22	179.43	10,185.63	-63.11	344.44	372,840.89	870,540.44	32.02057148	-103.27113710
00-0VS(AZSC-182H)									
10,300.00	56.74	179.43	10,194.12	-75.68	344.56	372,828.32	870,540.56	32.02053693	-103.27113709
10,350.00	61.74	179.43	10,219.69	-118.63	344.99	372,785.37	870,540.99	32.02041887	-103.27113708
10,400.00	66.74	179.43	10,241.41	-163.64	345.44	372,740.36	870,541.43	32.02029514	-103.27113707
10,450.00	71.74	179.43	10,259.13	-210.38	345.90	372,693.62	870,541.90	32.02016667	-103.27113706
10,500.00	76.74	179.43	10,272.71	-258.48	346.38	372,645.52	870,542.37	32.02003445	-103.27113705
10,550.00	81.74	179.43	10,282.05	-307.58	346.86	372,596.42	870,542.86	32.01989948	-103.27113703
10,600.00	86.74	179.43	10,287.07	-357.31	347.35	372,546.69	870,543.35	32.01976278	-103.27113702
10,632.64	90.00	179.43	10,288.00	-389.93	347.68	372,514.07	870,543.68	32.01967312	-103.27113701
EOC: 10632.64' MD/ 393.37' VS/10288.00' TVD									
10,700.00	90.00	179.43	10,288.00	-457.29	348.35	372,446.71	870,544.35	32.01948797	-103.27113699
10,800.00	90.00	179.43	10,288.00	-557.28	349.34	372,346.72	870,545.34	32.01921310	-103.27113697
10,900.00	90.00	179.43	10,288.00	-657.28	350.33	372,246.72	870,546.33	32.01893824	-103.27113694
11,000.00	90.00	179.43	10,288.00	-757.27	351.32	372,146.73	870,547.32	32.01866337	-103.27113692
11,100.00	90.00	179.43	10,288.00	-857.27	352.31	372,046.73	870,548.31	32.01838851	-103.27113689
11,200.00	90.00	179.43	10,288.00	-957.26	353.30	371,946.74	870,549.30	32.01811364	-103.27113686
11,239.28	90.00	179.43	10,288.00	-996.54	353.69	371,907.46	870,549.69	32.01800568	-103.27113685
00-1000VS(AZSC-182H)									
11,253.70	89.71	179.43	10,288.04	-1,010.96	353.83	371,893.04	870,549.83	32.01796605	-103.27113685
11,300.00	89.71	179.43	10,288.27	-1,057.26	354.29	371,846.74	870,550.29	32.01783878	-103.27113684
11,400.00	89.71	179.43	10,288.77	-1,157.25	355.28	371,746.75	870,551.28	32.01756391	-103.27113681
11,500.00	89.71	179.43	10,289.28	-1,257.25	356.27	371,646.75	870,552.27	32.01728905	-103.27113679
11,600.00	89.71	179.43	10,289.78	-1,357.24	357.26	371,546.76	870,553.26	32.01701419	-103.27113676
11,700.00	89.71	179.43	10,290.28	-1,457.23	358.26	371,446.77	870,554.26	32.01673933	-103.27113673
11,800.00	89.71	179.43	10,290.79	-1,557.23	359.25	371,346.77	870,555.25	32.01646447	-103.27113671
11,900.00	89.71	179.43	10,291.29	-1,657.22	360.24	371,246.78	870,556.24	32.01618960	-103.27113668
12,000.00	89.71	179.43	10,291.80	-1,757.21	361.23	371,146.78	870,557.23	32.01591474	-103.27113666
12,100.00	89.71	179.43	10,292.30	-1,857.21	362.22	371,046.79	870,558.22	32.01563988	-103.27113663
12,200.00	89.71	179.43	10,292.80	-1,957.20	363.21	370,946.80	870,559.21	32.01536502	-103.27113660
12,239.29	89.71	179.43	10,293.00	-1,996.49	363.60	370,907.51	870,559.60	32.01525702	-103.27113659
00-2000VS(AZSC-182H)									
12,250.71	89.48	179.43	10,293.08	-2,007.91	363.71	370,896.09	870,559.71	32.01522563	-103.27113659
12,300.00	89.48	179.43	10,293.53	-2,057.19	364.20	370,846.80	870,560.20	32.01509016	-103.27113658
12,400.00	89.48	179.43	10,294.43	-2,157.19	365.19	370,746.81	870,561.19	32.01481531	-103.27113655
12,500.00	89.48	179.43	10,295.33	-2,257.18	366.19	370,646.82	870,562.19	32.01454045	-103.27113652
12,600.00	89.48	179.43	10,296.23	-2,357.17	367.18	370,546.83	870,563.18	32.01426560	-103.27113649
12,700.00	89.48	179.43	10,297.13	-2,457.16	368.17	370,446.84	870,564.17	32.01399074	-103.27113646
12,800.00	89.48	179.43	10,298.04	-2,557.15	369.16	370,346.85	870,565.16	32.01371589	-103.27113643
12,900.00	89.48	179.43	10,298.94	-2,657.14	370.15	370,246.86	870,566.15	32.01344103	-103.27113640
13,000.00	89.48	179.43	10,299.84	-2,757.13	371.15	370,146.87	870,567.15	32.01316618	-103.27113637
13,100.00	89.48	179.43	10,300.74	-2,857.12	372.14	370,046.88	870,568.14	32.01289132	-103.27113634
13,200.00	89.48	179.43	10,301.65	-2,957.11	373.13	369,946.89	870,569.13	32.01261647	-103.27113631
13,239.33	89.48	179.43	10,302.00	-2,996.44	373.52	369,907.56	870,569.52	32.01250837	-103.27113630
00-3000VS(AZSC-182H)									
13,298.28	88.30	179.43	10,303.14	-3,055.37	374.10	369,848.63	870,570.10	32.01234638	-103.27113628
13,300.00	88.30	179.43	10,303.19	-3,057.09	374.12	369,846.90	870,570.12	32.01234164	-103.27113628
13,400.00	88.30	179.43	10,306.15	-3,157.05	375.11	369,746.95	870,571.11	32.01206690	-103.27113626



American Resource Development LLC

Planning Report - Geographic

Database:	TZ USA 17.2	Local Co-ordinate Reference:	Well Azalea State Com 26 36 28 #182H
Company:	Ameredev Operating	TVD Reference:	2914+27 @ 2941.00usft
Project:	Lea County, NM (N83-NME)	MD Reference:	2914+27 @ 2941.00usft
Site:	Azalea	North Reference:	Grid
Well:	Azalea State Com 26 36 28 #182H	Survey Calculation Method:	Minimum Curvature
Wellbore:	182H		
Design:	APD-Rev01		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
13,500.00	88.30	179.43	10,309.11	-3,257.00	376.10	369,647.00	870,572.10	32.01179215	-103.27113623
13,600.00	88.30	179.43	10,312.07	-3,356.95	377.09	369,547.05	870,573.09	32.01151741	-103.27113620
13,700.00	88.30	179.43	10,315.03	-3,456.90	378.08	369,447.10	870,574.08	32.01124266	-103.27113618
13,800.00	88.30	179.43	10,317.99	-3,556.85	379.07	369,347.15	870,575.07	32.01096792	-103.27113615
13,900.00	88.30	179.43	10,320.95	-3,656.80	380.06	369,247.20	870,576.06	32.01069317	-103.27113612
14,000.00	88.30	179.43	10,323.91	-3,756.75	381.06	369,147.25	870,577.05	32.01041842	-103.27113610
14,100.00	88.30	179.43	10,326.86	-3,856.70	382.05	369,047.29	870,578.05	32.01014368	-103.27113607
14,200.00	88.30	179.43	10,329.82	-3,956.66	383.04	368,947.34	870,579.04	32.00986893	-103.27113604
14,239.75	88.30	179.43	10,331.00	-3,996.39	383.43	368,907.61	870,579.43	32.00975971	-103.27113603
00-4000VS(AZSC-182H)									
14,282.49	89.16	179.43	10,331.95	-4,039.11	383.85	368,864.88	870,579.85	32.00964227	-103.27113602
14,300.00	89.16	179.43	10,332.20	-4,056.62	384.03	368,847.38	870,580.03	32.00959415	-103.27113602
14,400.00	89.16	179.43	10,333.67	-4,156.60	385.02	368,747.39	870,581.02	32.00931931	-103.27113599
14,500.00	89.16	179.43	10,335.14	-4,256.59	386.01	368,647.41	870,582.01	32.00904448	-103.27113596
14,600.00	89.16	179.43	10,336.61	-4,356.57	387.00	368,547.42	870,583.00	32.00876964	-103.27113594
14,700.00	89.16	179.43	10,338.08	-4,456.56	387.99	368,447.44	870,583.99	32.00849481	-103.27113591
14,800.00	89.16	179.43	10,339.54	-4,556.54	388.98	368,347.46	870,584.98	32.00821997	-103.27113588
14,900.00	89.16	179.43	10,341.01	-4,656.53	389.97	368,247.47	870,585.97	32.00794513	-103.27113586
15,000.00	89.16	179.43	10,342.48	-4,756.51	390.96	368,147.49	870,586.96	32.00767030	-103.27113583
15,100.00	89.16	179.43	10,343.95	-4,856.50	391.95	368,047.50	870,587.95	32.00739546	-103.27113580
15,200.00	89.16	179.43	10,345.41	-4,956.48	392.94	367,947.52	870,588.94	32.00712062	-103.27113578
15,239.87	89.16	179.43	10,346.00	-4,996.34	393.34	367,907.66	870,589.34	32.00701106	-103.27113577
00-5000VS(AZSC-182H)									
15,290.42	90.17	179.43	10,346.30	-5,046.89	393.84	367,857.11	870,589.84	32.00687210	-103.27113575
15,300.00	90.17	179.43	10,346.27	-5,056.47	393.94	367,847.53	870,589.94	32.00684577	-103.27113575
15,400.00	90.17	179.43	10,345.97	-5,156.46	394.93	367,747.54	870,590.93	32.00657091	-103.27113571
15,500.00	90.17	179.43	10,345.67	-5,256.46	395.93	367,647.54	870,591.93	32.00629604	-103.27113567
15,600.00	90.17	179.43	10,345.38	-5,356.45	396.92	367,547.55	870,592.92	32.00602118	-103.27113563
15,700.00	90.17	179.43	10,345.08	-5,456.45	397.92	367,447.55	870,593.92	32.00574631	-103.27113559
15,800.00	90.17	179.43	10,344.78	-5,556.44	398.91	367,347.56	870,594.91	32.00547145	-103.27113555
15,900.00	90.17	179.43	10,344.49	-5,656.44	399.91	367,247.56	870,595.91	32.00519659	-103.27113551
16,000.00	90.17	179.43	10,344.19	-5,756.43	400.90	367,147.57	870,596.90	32.00492172	-103.27113547
16,100.00	90.17	179.43	10,343.89	-5,856.43	401.90	367,047.57	870,597.90	32.00464686	-103.27113543
16,208.37	90.17	179.43	10,343.57	-5,964.79	402.97	366,939.21	870,598.97	32.00434899	-103.27113539
16,239.86	89.54	179.43	10,343.65	-5,996.28	403.29	366,907.72	870,599.29	32.00426242	-103.27113538
00-6000VS(AZSC-182H)									
16,299.86	88.34	179.43	10,344.76	-6,056.26	403.88	366,847.74	870,599.88	32.00409754	-103.27113536
16,400.00	88.34	179.43	10,347.66	-6,156.36	404.87	366,747.64	870,600.87	32.00382241	-103.27113534
16,500.00	88.34	179.43	10,350.56	-6,256.31	405.86	366,647.69	870,601.86	32.00354766	-103.27113532
16,600.00	88.34	179.43	10,353.46	-6,356.26	406.85	366,547.74	870,602.85	32.00327290	-103.27113530
16,700.00	88.34	179.43	10,356.35	-6,456.22	407.84	366,447.78	870,603.84	32.00299815	-103.27113528
16,800.00	88.34	179.43	10,359.25	-6,556.17	408.82	366,347.83	870,604.82	32.00272340	-103.27113526
16,900.00	88.34	179.43	10,362.15	-6,656.12	409.81	366,247.88	870,605.81	32.00244865	-103.27113524
17,000.00	88.34	179.43	10,365.04	-6,756.08	410.80	366,147.92	870,606.80	32.00217390	-103.27113522
17,100.00	88.34	179.43	10,367.94	-6,856.03	411.79	366,047.97	870,607.79	32.00189915	-103.27113520
17,200.00	88.34	179.43	10,370.84	-6,955.98	412.78	365,948.02	870,608.78	32.00162440	-103.27113518
17,240.28	88.34	179.43	10,372.00	-6,996.24	413.18	365,907.76	870,609.18	32.00151374	-103.27113517
00-7000VS(AZSC-182H)									
17,300.00	88.34	179.43	10,373.73	-7,055.94	413.77	365,848.06	870,609.77	32.00134965	-103.27113516
17,400.00	88.34	179.43	10,376.63	-7,155.89	414.75	365,748.11	870,610.75	32.00107490	-103.27113514
17,500.00	88.34	179.43	10,379.53	-7,255.84	415.74	365,648.16	870,611.74	32.00080015	-103.27113512
17,577.19	88.34	179.43	10,381.76	-7,333.00	416.51	365,571.00	870,612.51	32.00058807	-103.27113510
02-LTP(AZSC-182H)									
17,600.00	88.34	179.43	10,382.42	-7,355.79	416.73	365,548.20	870,612.73	32.00052540	-103.27113510



American Resource Development LLC

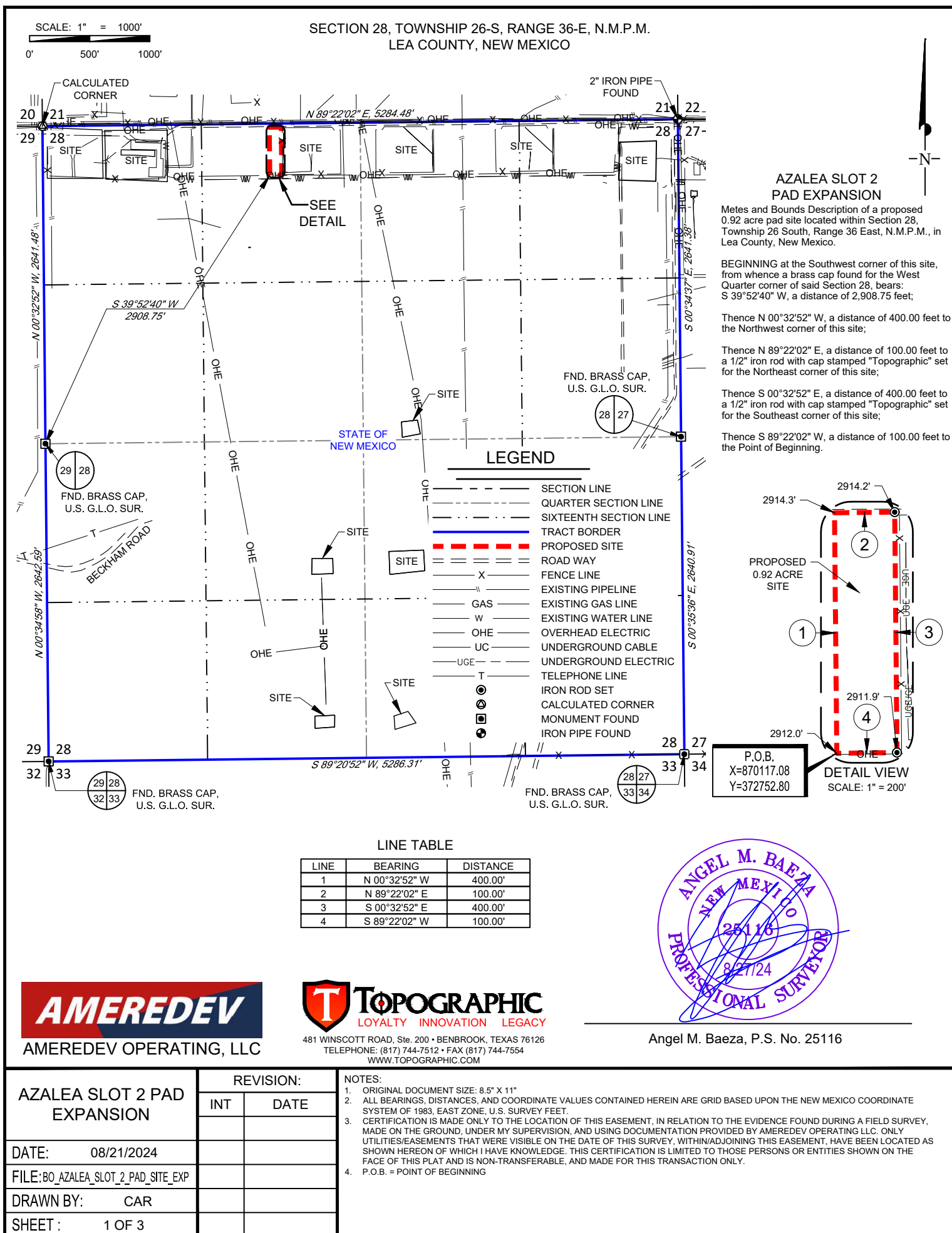
Planning Report - Geographic

Database:	TZ USA 17.2	Local Co-ordinate Reference:	Well Azalea State Com 26 36 28 #182H
Company:	Ameredev Operating	TVD Reference:	2914+27 @ 2941.00usft
Project:	Lea County, NM (N83-NME)	MD Reference:	2914+27 @ 2941.00usft
Site:	Azalea	North Reference:	Grid
Well:	Azalea State Com 26 36 28 #182H	Survey Calculation Method:	Minimum Curvature
Wellbore:	182H		
Design:	APD-Rev01		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
17,627.22	88.34	179.43	10,383.21	-7,383.00	417.00	365,521.00	870,613.00	32.00045061	-103.27113509
TD: 17627.22' MD/ 7386.78' VS/10383.21' TVD - 03-PBHL(AZSC-182H)									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
01-FTP(AZSC-182H)	0.00	0.00	6,500.00	183.00	342.00	373,087.00	870,538.00	32.02124798	-103.27113716
- plan hits target center									
- Point									
00-0VS(AZSC-182H)	0.00	0.00	10,278.00	3.42	343.78	372,907.42	870,539.78	32.02075436	-103.27113711
- plan misses target center by 113.83usft at 10284.83usft MD (10185.63 TVD, -63.11 N, 344.44 E)									
- Point									
00-1000VS(AZSC-182H)	0.00	0.00	10,288.00	-996.54	353.69	371,907.46	870,549.69	32.01800568	-103.27113685
- plan hits target center									
- Point									
00-2000VS(AZSC-182H)	0.00	0.00	10,293.00	-1,996.49	363.60	370,907.51	870,559.60	32.01525702	-103.27113659
- plan hits target center									
- Point									
00-3000VS(AZSC-182H)	0.00	0.00	10,302.00	-2,996.44	373.52	369,907.56	870,569.52	32.01250837	-103.27113630
- plan hits target center									
- Point									
00-4000VS(AZSC-182H)	0.00	0.00	10,331.00	-3,996.39	383.43	368,907.61	870,579.43	32.00975971	-103.27113603
- plan hits target center									
- Point									
00-6000VS(AZSC-182H)	0.00	0.00	10,343.00	-5,996.29	403.25	366,907.71	870,599.25	32.00426240	-103.27113550
- plan misses target center by 0.65usft at 16239.86usft MD (10343.65 TVD, -5996.28 N, 403.29 E)									
- Point									
00-5000VS(AZSC-182H)	0.00	0.01	10,346.00	-4,996.34	393.34	367,907.66	870,589.34	32.00701106	-103.27113577
- plan hits target center									
- Point									
00-7000VS(AZSC-182H)	0.00	0.00	10,372.00	-6,996.24	413.17	365,907.76	870,609.17	32.00151374	-103.27113519
- plan misses target center by 0.01usft at 17240.28usft MD (10372.00 TVD, -6996.24 N, 413.18 E)									
- Point									
02-LTP(AZSC-182H)	0.00	0.00	10,381.76	-7,333.00	416.00	365,571.00	870,612.00	32.00058807	-103.27113674
- plan misses target center by 0.51usft at 17577.19usft MD (10381.76 TVD, -7332.99 N, 416.51 E)									
- Point									
03-PBHL(AZSC-182H)	0.00	0.00	10,383.21	-7,383.00	417.00	365,521.00	870,613.00	32.00045061	-103.27113509
- plan hits target center									
- Point									

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Comment	
9,732.64	9,715.04	0.00	0.00	KOP: 9732.64' MD/ -179.59' VS/9715.04' TVD	
10,632.64	10,288.00	7.85	14.66	EOC: 10632.64' MD/ 393.37' VS/10288.00' TVD	
17,627.22	10,383.21	175.15	327.34	TD: 17627.22' MD/ 7386.78' VS/10383.21' TVD	

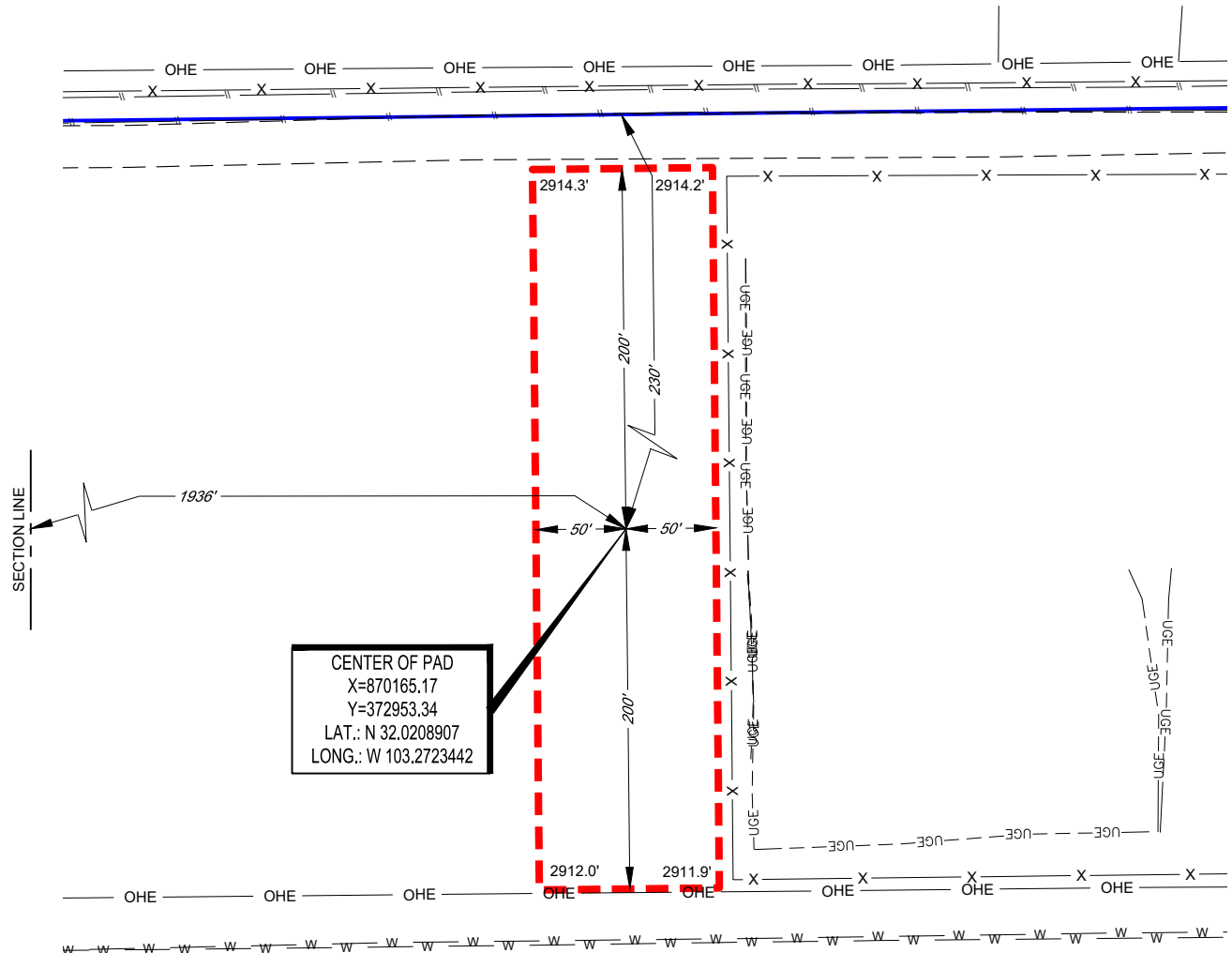


LEGEND

---	SECTION LINE
---	TRACT BORDER
---	PROPOSED SITE
==	ROAD WAY
X	FENCE LINE
---	EXISTING PIPELINE
W	EXISTING WATER LINE
OHE	OVERHEAD ELECTRIC
UGE	UNDERGROUND ELECTRIC



AMEREDEV OPERATING, LLC

SECTION 28, TOWNSHIP 26-S, RANGE 36-E, N.M.P.M.
LEA COUNTY, NEW MEXICODETAIL VIEW
SCALE: 1" = 100'

Angel M. Baeza, P.S. No. 25116

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET. ELEVATIONS USED ARE NAVD88, OBTAINED THROUGH AN OPUS SOLUTION.

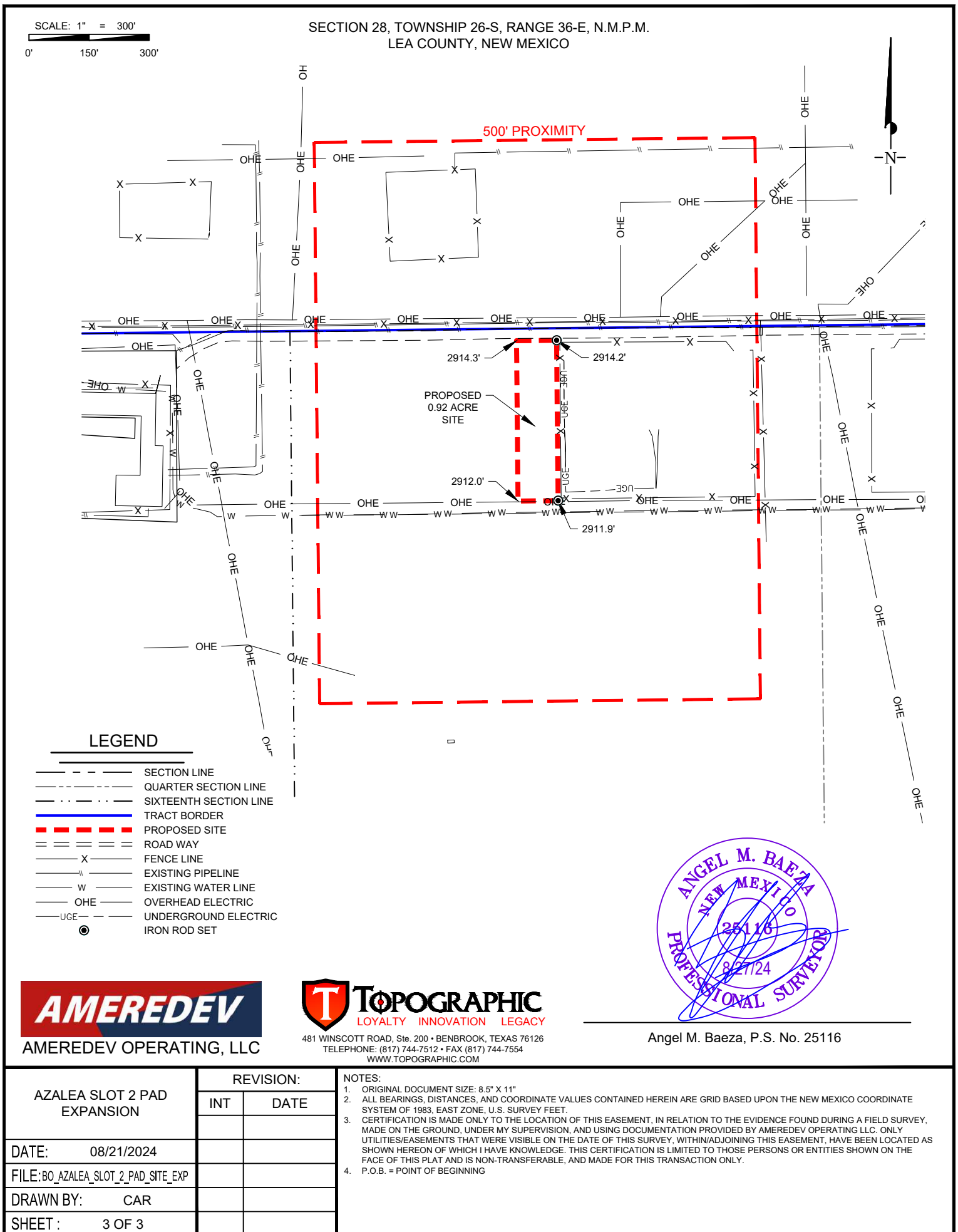
THIS PROPOSED PAD SITE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY AMEREDEV OPERATING LLC. ONLY THE DATA SHOWN ABOVE IS BEING CERTIFIED TO, ALL OTHER INFORMATION WAS INTENTIONALLY OMITTED. THIS PLAT IS ONLY INTENDED TO BE USED FOR A PERMIT AND IS NOT A BOUNDARY SURVEY. 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.

ORIGINAL DOCUMENT SIZE: 8.5" X 11"

CENTER OF PAD 230' FNL & 1936' FWL

SCALE: 1" = 100'
0' 50' 100'

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
481 WINSOTT ROAD, Ste. 200 • BENBROOK, TEXAS 76126
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
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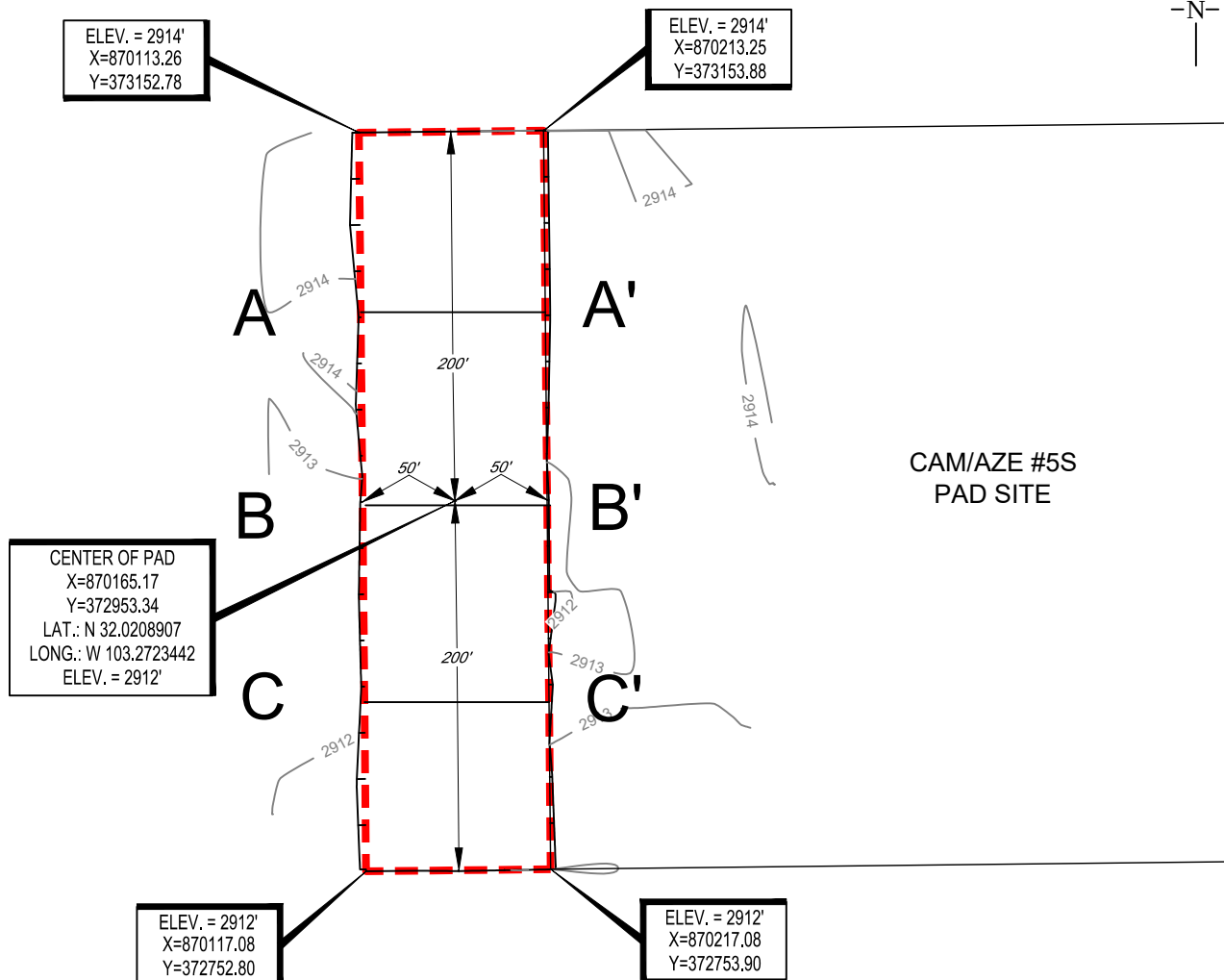
SCALE: 1" = 100'

0' 50' 100'

CONSTRUCTION ESTIMATE

SECTION 28, TOWNSHIP 26-S, RANGE 36-E, N.M.P.M.

LEA COUNTY, NEW MEXICO



NOTE: 1' CONTOUR INTERVALS



AMEREDEV OPERATING, LLC



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AZALEA SLOT 2
PAD SITE EXPANSION

REVISION:

DATE: 08/20/2024

FILE:CD_AZE_SLOT_2_PAD_SITE_EXPAN

DRAWN BY: IMU

SHEET: 1 OF 3

NOTES:

1. ORIGINAL DOCUMENT SIZE: 8.5" X 11"
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.
3. ALL VERTICAL VALUES SHOWN ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988, AND ARE IN US SURVEY FEET.
4. CERTIFICATION IS MADE ONLY TO THE LOCATION OF THIS EASEMENT, IN RELATION TO THE EVIDENCE FOUND DURING A FIELD SURVEY, MADE ON THE GROUND, UNDER MY SUPERVISION, AND USING DOCUMENTATION PROVIDED BY AMEREDEV OPERATING, LLC. ONLY UTILITIES/EASEMENTS THAT WERE VISIBLE ON THE DATE OF THIS SURVEY, WITHIN/ADJOINING THIS EASEMENT, HAVE BEEN LOCATED AS SHOWN HEREON OF WHICH I HAVE KNOWLEDGE. THIS CERTIFICATION IS LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE, AND MADE FOR THIS TRANSACTION ONLY.
- 5.

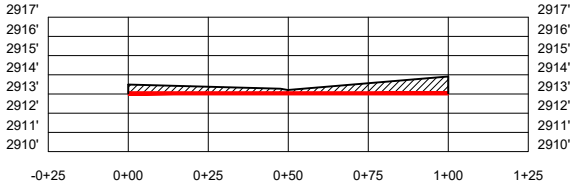
Top of pad elevation: 2913.0398
Cut Slope: 33.33% 3.000:1 18.43°
Fill Slope: 33.33% 3.000:1 18.43°
Balance Tolerance (C.Y.): 8.00
Cut Swell Factor: 1.00
Fill Shrink Factor: 1.00

Pad Earthwork Volumes
Cut : 15,874.1 C.F., 587.93 C.Y.
Fill: 15,867.0 C.F., 587.67 C.Y.
Area: 41799.0 Sq.Ft., 0.960 Acres

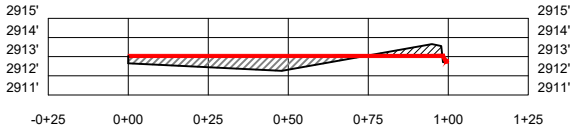
CONSTRUCTION ESTIMATE
SECTION 28, TOWNSHIP 26-S, RANGE 36-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



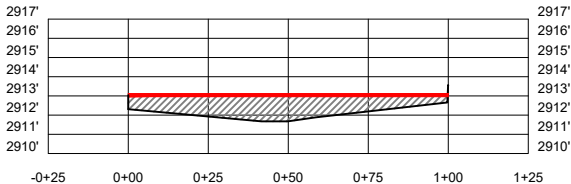
A-A'



B-B'



C-C'



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Horizontal Scale = 1:60
Vertical Scale = 1:5

AZALEA SLOT 2 PAD SITE EXPANSION		REVISION:	NOTES: 1. ORIGINAL DOCUMENT SIZE: 8.5" X 11" 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. 3. ALL VERTICAL VALUES SHOWN ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988, AND ARE IN US SURVEY FEET. 4. CERTIFICATION IS MADE ONLY TO THE LOCATION OF THIS EASEMENT, IN RELATION TO THE EVIDENCE FOUND DURING A FIELD SURVEY, MADE ON THE GROUND, UNDER MY SUPERVISION, AND USING DOCUMENTATION PROVIDED BY AMEREDEV OPERATING, LLC. ONLY UTILITIES/EASEMENTS THAT WERE VISIBLE ON THE DATE OF THIS SURVEY, WITHIN/ADJOINING THIS EASEMENT, HAVE BEEN LOCATED AS SHOWN HEREON OF WHICH I HAVE KNOWLEDGE. THIS CERTIFICATION IS LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE, AND MADE FOR THIS TRANSACTION ONLY. 5.
DATE:	08/20/2024		
FILE:	CD_AZE_SLOT_2_PAD_SITE_EXPAN		
DRAWN BY:	IMU		
SHEET :	2 OF 3		

CONSTRUCTION ESTIMATE

SECTION 28, TOWNSHIP 26-S, RANGE 36-E, N.M.P.M.

LEA COUNTY, NEW MEXICO

SCALE: 1" = 100'

0' 50' 100'

ELEV. = 2914'
X=870113.26
Y=373152.78

ELEV. = 2914'
X=870213.25
Y=373153.88

CENTER OF PAD
X=870165.17
Y=372953.34
LAT.: N 32.0208907
LONG.: W 103.2723442
ELEV. = 2912'

ELEV. = 2912'
X=870117.08
Y=372752.80

ELEV. = 2912'
X=870217.08
Y=372753.90

CAM/AZE #5S
PAD SITE

NOTE: 1' CONTOUR INTERVALS



AMEREDEV OPERATING, LLC



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AZALEA SLOT 2
PAD SITE EXPANSION

REVISION:

DATE: 08/20/2024

FILE:CD_AZE_SLOT_2_PAD_SITE_EXPAN

DRAWN BY: IMU

SHEET: 3 OF 3

NOTES:

1. ORIGINAL DOCUMENT SIZE: 8.5" X 11"
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- 5.

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 381571

CONDITIONS

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 381571
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	9/13/2024