

State of New Mexico

Energy, Minerals & Natural Resources

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

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 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 30-025-49593	⁵ Pool Name WOLFCAMP JAL;WOLFCAMP WEST		⁶ Pool Code 98234 33813
⁷ Property Code 320762	⁸ Property Name RED BUD 25 36 32 STATE COM		⁹ Well Number 107H

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
P	32	25-S	36-E	-	200	SOUTH	972	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
A	29	25-S	36-E	-	62	NORTH	935	EAST	LEA
¹² Lse Code	¹³ Producing Method Code F	¹⁴ Gas Connection Date 9/9/2022		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
372224	AMEREDEV OPERATING, LLC 2901 VIA FORTUNA, SUITE 600 AUSTIN, TX 78746	W

IV. Well Completion Data

²¹ Spud Date 2/17/2022	²² Ready Date 9/9/2022	²³ TD 21,840'	²⁴ PBTD 21,822'	²⁵ Perforations 11,623' - 21,759'	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		1,308'	1516 / 391
12.25"		N/A		N/A	N/A
9.875"		7.625" HCL80		10,773'	1940 / 270
6.75"		5.5" RYSP110 / HP110 2.875"		21,822' 11,016'	605 / 890

V. Well Test Data

³¹ Date New Oil 9/17/2022	³² Gas Delivery Date 9/19/2022	³³ Test Date 10/28/2022	³⁴ Test Length 24	³⁵ Tbg. Pressure 118	³⁶ Csg. Pressure 78
³⁷ Choke Size 64	³⁸ Oil 932	³⁹ Water 3618	⁴⁰ Gas 1248		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>Biff Yocham</i>			OIL CONSERVATION DIVISION Approved by: <i>PATRICIA MARTINEZ</i> Title: <i>PETROLEUM SPECIALIST</i> Approval Date: <i>8/6/2025</i>		
Printed Name: Biff Yocham					
Title: Engineer					
E-mail Address: byocham@ameredev.com					
Date: 1/25/2023		Phone: 832-671-9665			

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

JAL;
WOLFCAMP
WEST

¹ API Number 30-025-49593	² Pool Code 98234 33813	³ Pool Name WC-025 G-09 S263619C; WOLFCAMP	WOLFCAMP WEST
⁴ Property Code 320762	⁵ Property Name RED BUD 25 36 32 STATE COM		⁶ Well Number 107H
⁷ OGRID No. 372224	⁸ Operator Name AMEREDEV OPERATING, LLC.		⁹ Elevation 3004'

¹⁰**Surface Location**

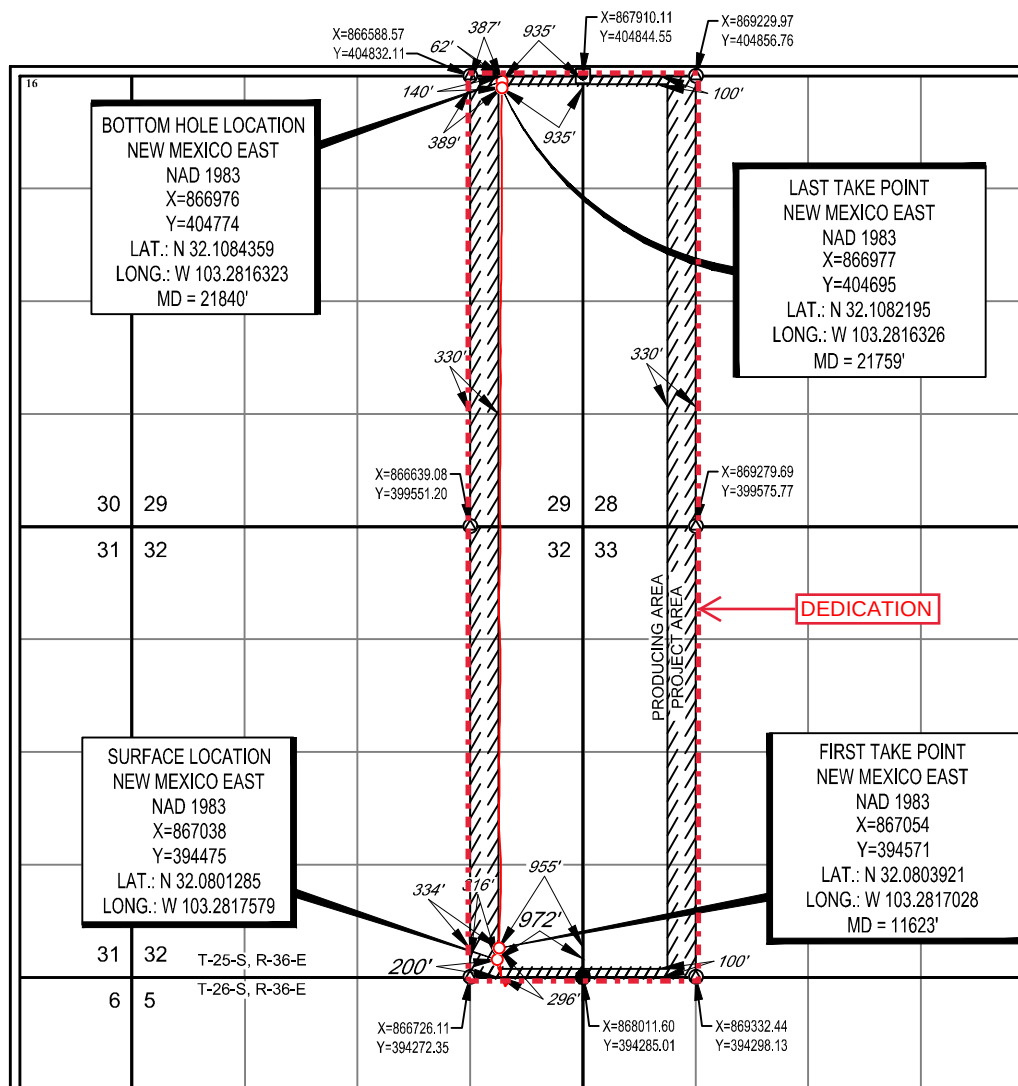
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	32	25-S	36-E	—	200'	SOUTH	972'	EAST	LEA

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
A	29	25-S	36-E	-	62'	NORTH	935'	EAST	LEA

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

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.



¹⁷OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature Te Hammond Date 7/25/2022

Floyd Hammond

Printed Name _____

fhammond@ameredev.com

E-mail Address

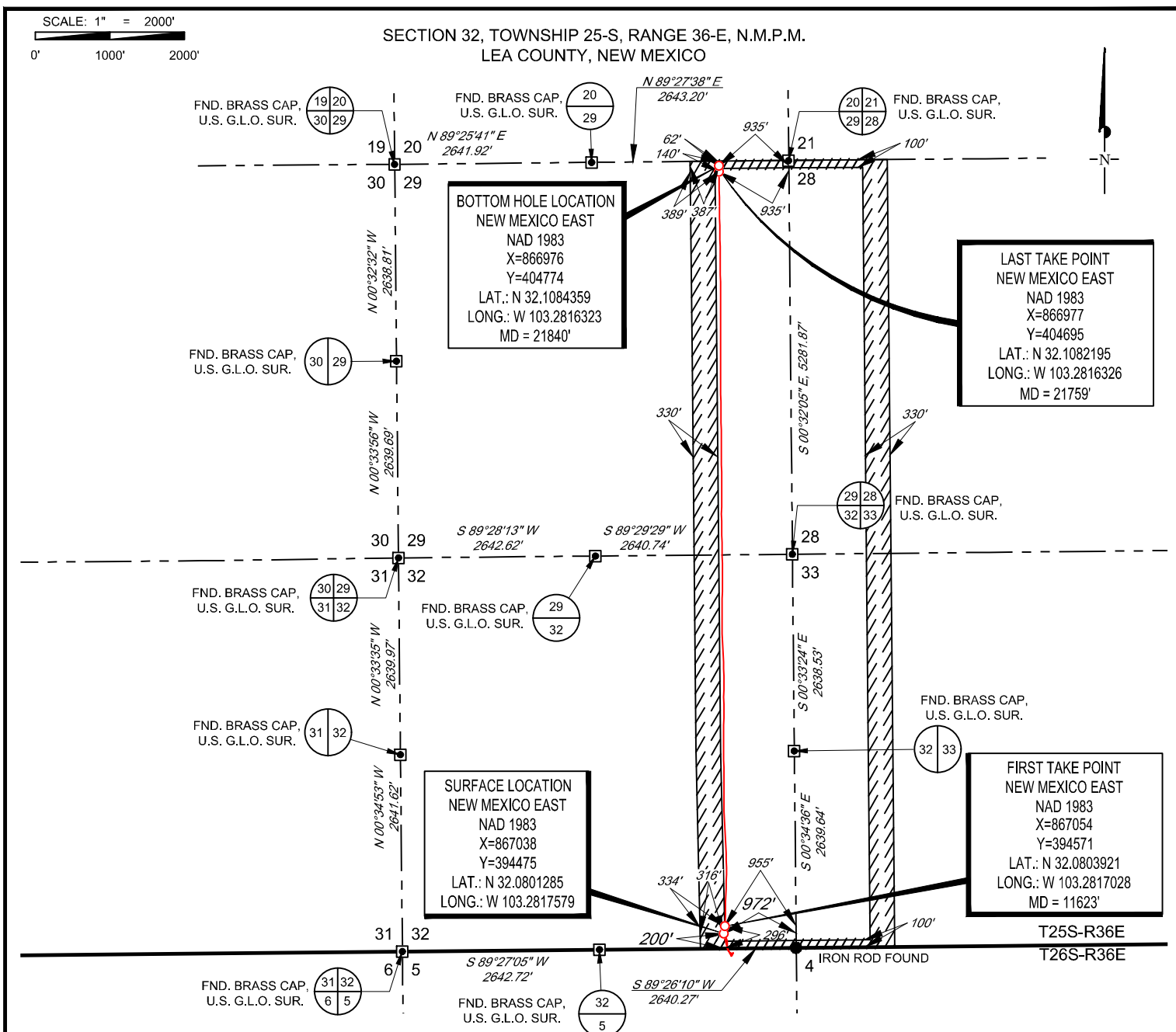
18 SURVEYOR CERTIFICATION

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 to the best of my belief.

05/22/2018

Date of Survey _____
Signature and Seal of Professional Surveyor _____

Certificate Number



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 B. BROWN
NEW MEXICO
18329
PROFESSIONAL SURVEYOR
Michael Blake Brown, P.S. No. 18329

RED BUD 25 36 32 STATE COM 107H AS-COMPLETED	REVISION:	
	INT	DATE
DATE: 10/19/2022		
FILE: AD_REDBUD_STATE_COM_25_36_32_107H		
DRAWN BY: GJU		
SHEET: 2 OF 2		

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. 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 AMEREDEV OPERATING, LLC. 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.



American Resource Development LLC.

Ameredev Operating

Lea County, NM (N83-NME)

Red Bud_Holly

Red Bud 25 36 32 State Com 107H

107H

Plan: Final PVA

Survey Report - Geographic

08 November, 2022



American Resource Development LLC.

Survey Report - Geographic

Company:	Ameredev Operating	Local Co-ordinate Reference:	Well Red Bud State Com 25-36-32 107H
Project:	Lea County, NM (N83-NME)	TVD Reference:	GL 3002 + KB 27 @ 3029.0usft (Nabors X49)
Site:	Red Bud_Holly	MD Reference:	GL 3002 + KB 27 @ 3029.0usft (Nabors X49)
Well:	Red Bud State Com 25-36-32 107H	North Reference:	Grid
Wellbore:	107H	Survey Calculation Method:	Minimum Curvature
Design:	Final PVA	Database:	AUS-COMPASS - EDM_15 - 32bit

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		Red Bud_Holly			
Site Position:		Northing:	394,038.95 usft	Latitude:	32.0789464
From:	Lat/Long	Easting:	866,383.48 usft	Longitude:	-103.2838831
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.56 °

Well	Red Bud State Com 25-36-32 107H					
Well Position	+N/-S	0.0 usft	Northing:	394,475.48 usft	Latitude:	32.0801287
	+E/-W	0.0 usft	Easting:	867,037.46 usft	Longitude:	-103.2817582
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,002.0 usft

Wellbore	107H				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	3/25/2022	6.31	59.79	47,360.00167118

Design	Final PVA				
Audit Notes:					
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0	
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	359.45	

Survey Tool Program	Date	11/8/2022			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
0.0	21,840.0	Final PVA (107H)	MWD	OWSG MWD - Standard	

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.0	0.00	0.00	0.0	0.0	0.0	394,475.48	867,037.46	32.0801287	-103.2817582
168.0	0.57	310.34	168.0	0.5	-0.6	394,476.02	867,036.82	32.0801302	-103.2817602
236.0	0.57	323.26	236.0	1.0	-1.1	394,476.51	867,036.36	32.0801316	-103.2817617
387.0	1.00	355.00	387.0	2.9	-1.7	394,478.43	867,035.80	32.0801369	-103.2817635
480.0	1.00	345.20	480.0	4.5	-1.9	394,480.02	867,035.52	32.0801413	-103.2817643
555.0	0.40	351.80	555.0	5.4	-2.1	394,480.91	867,035.32	32.0801437	-103.2817650
644.0	0.80	344.70	644.0	6.3	-2.4	394,481.82	867,035.11	32.0801462	-103.2817656
730.0	0.80	22.50	729.9	7.5	-2.3	394,482.95	867,035.18	32.0801493	-103.2817653
815.0	0.90	350.80	814.9	8.7	-2.2	394,484.16	867,035.30	32.0801526	-103.2817649
902.0	1.00	348.20	901.9	10.1	-2.4	394,485.58	867,035.04	32.0801565	-103.2817657
989.0	1.20	341.30	988.9	11.7	-2.9	394,487.19	867,034.59	32.0801610	-103.2817671
1,077.0	0.90	348.80	1,076.9	13.3	-3.3	394,488.74	867,034.16	32.0801652	-103.2817684



American Resource Development LLC.

Survey Report - Geographic

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Site:	Red Bud_Holly	MD Reference:	GL 3002 + KB 27 @ 3029.0usft (Nabors X49)
Well:	Red Bud State Com 25-36-32 107H	North Reference:	Grid
Wellbore:	107H	Survey Calculation Method:	Minimum Curvature
Design:	Final PVA	Database:	AUS-COMPASS - EDM_15 - 32bit

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
1,166.0	1.40	9.70	1,165.9	15.0	-3.3	394,490.49	867,034.21	32.0801701	-103.2817682
1,191.1	1.54	6.42	1,191.0	15.6	-3.2	394,491.13	867,034.30	32.0801718	-103.2817679
Rustler									
1,272.0	2.00	359.00	1,271.8	18.1	-3.1	394,493.62	867,034.39	32.0801787	-103.2817675
1,411.0	1.93	5.84	1,410.7	22.9	-2.9	394,498.37	867,034.59	32.0801917	-103.2817668
1,504.0	1.54	8.30	1,503.7	25.7	-2.5	394,501.17	867,034.93	32.0801994	-103.2817656
1,598.0	1.01	17.79	1,597.7	27.7	-2.1	394,503.21	867,035.36	32.0802050	-103.2817641
1,654.3	0.60	77.51	1,654.0	28.3	-1.7	394,503.74	867,035.80	32.0802064	-103.2817627
Salado									
1,692.0	0.88	119.04	1,691.7	28.2	-1.2	394,503.65	867,036.25	32.0802062	-103.2817612
1,786.0	1.76	149.63	1,785.7	26.6	0.1	394,502.05	867,037.61	32.0802017	-103.2817569
1,879.0	2.68	154.29	1,878.6	23.4	1.8	394,498.86	867,039.27	32.0801929	-103.2817516
1,973.0	2.99	159.56	1,972.5	19.1	3.6	394,494.58	867,041.08	32.0801811	-103.2817459
2,067.0	3.25	157.19	2,066.3	14.3	5.5	394,489.83	867,042.97	32.0801680	-103.2817400
2,161.0	3.47	153.58	2,160.2	9.3	7.8	394,484.82	867,045.27	32.0801542	-103.2817327
2,255.0	3.60	150.95	2,254.0	4.2	10.5	394,479.70	867,047.97	32.0801400	-103.2817241
2,349.0	3.87	151.74	2,347.8	-1.2	13.4	394,474.32	867,050.91	32.0801252	-103.2817148
2,443.0	4.40	155.16	2,441.5	-7.2	16.5	394,468.26	867,053.92	32.0801084	-103.2817053
2,537.0	4.26	163.25	2,535.3	-13.8	19.0	394,461.64	867,056.44	32.0800902	-103.2816974
2,631.0	4.40	162.20	2,629.0	-20.6	21.1	394,454.86	867,058.55	32.0800715	-103.2816908
2,725.0	4.40	159.21	2,722.7	-27.4	23.5	394,448.06	867,060.93	32.0800527	-103.2816833
2,819.0	4.40	159.73	2,816.5	-34.2	26.0	394,441.31	867,063.46	32.0800341	-103.2816753
2,913.0	4.13	159.38	2,910.2	-40.7	28.4	394,434.76	867,065.90	32.0800160	-103.2816677
3,007.0	4.57	161.14	3,003.9	-47.4	30.8	394,428.04	867,068.31	32.0799975	-103.2816601
3,101.0	5.41	167.29	3,097.6	-55.3	33.0	394,420.18	867,070.49	32.0799758	-103.2816533
3,187.0	5.63	161.14	3,183.2	-63.3	35.3	394,412.23	867,072.75	32.0799539	-103.2816463
3,266.2	5.26	160.27	3,262.0	-70.3	37.8	394,405.14	867,075.23	32.0799344	-103.2816385
Tansill									
3,281.0	5.19	160.09	3,276.7	-71.6	38.2	394,403.87	867,075.69	32.0799309	-103.2816371
3,375.0	4.62	159.12	3,370.4	-79.1	41.0	394,396.33	867,078.48	32.0799101	-103.2816283
3,469.0	4.04	157.89	3,464.1	-85.8	43.6	394,389.73	867,081.08	32.0798919	-103.2816201
3,563.0	3.65	159.21	3,557.9	-91.6	45.9	394,383.86	867,083.39	32.0798757	-103.2816128
3,657.0	3.52	159.82	3,651.7	-97.1	48.0	394,378.36	867,085.44	32.0798605	-103.2816064
3,751.0	3.03	170.11	3,745.6	-102.3	49.4	394,373.20	867,086.87	32.0798463	-103.2816019
3,787.5	3.06	177.26	3,782.0	-104.2	49.6	394,371.28	867,087.08	32.0798410	-103.2816013
Capitan									
3,845.0	3.21	187.95	3,839.4	-107.3	49.5	394,368.15	867,086.93	32.0798324	-103.2816019
3,939.0	2.81	183.73	3,933.3	-112.2	49.0	394,363.24	867,086.42	32.0798189	-103.2816037
4,034.0	2.77	183.46	4,028.2	-116.9	48.7	394,358.63	867,086.13	32.0798062	-103.2816048
4,128.0	2.59	177.66	4,122.1	-121.2	48.6	394,354.24	867,086.08	32.0797942	-103.2816051
4,222.0	2.20	178.46	4,216.0	-125.2	48.7	394,350.31	867,086.21	32.0797834	-103.2816048
4,316.0	2.11	177.58	4,310.0	-128.7	48.9	394,346.78	867,086.33	32.0797737	-103.2816045
4,410.0	2.07	174.50	4,403.9	-132.1	49.1	394,343.36	867,086.57	32.0797643	-103.2816038
4,505.0	2.15	178.10	4,498.8	-135.6	49.3	394,339.87	867,086.79	32.0797547	-103.2816032
4,599.0	2.33	180.48	4,592.8	-139.3	49.4	394,336.20	867,086.83	32.0797446	-103.2816032
4,693.0	1.93	177.93	4,686.7	-142.8	49.4	394,332.71	867,086.88	32.0797350	-103.2816032
4,787.0	1.71	180.04	4,780.6	-145.8	49.5	394,329.72	867,086.93	32.0797268	-103.2816031
4,881.0	1.71	184.87	4,874.6	-148.6	49.3	394,326.92	867,086.81	32.0797191	-103.2816036
4,975.0	1.49	190.76	4,968.6	-151.2	49.0	394,324.32	867,086.46	32.0797120	-103.2816048
5,070.0	1.49	190.14	5,063.5	-153.6	48.6	394,321.90	867,086.02	32.0797053	-103.2816063
5,088.5	1.63	189.72	5,082.0	-154.1	48.5	394,321.40	867,085.93	32.0797039	-103.2816066
Lamar									
5,164.0	2.20	188.56	5,157.5	-156.6	48.1	394,318.91	867,085.53	32.0796971	-103.2816079



American Resource Development LLC.

Survey Report - Geographic

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Project:	Lea County, NM (N83-NME)	TVD Reference:	GL 3002 + KB 27 @ 3029.0usft (Nabors X49)
Site:	Red Bud_Holly	MD Reference:	GL 3002 + KB 27 @ 3029.0usft (Nabors X49)
Well:	Red Bud State Com 25-36-32 107H	North Reference:	Grid
Wellbore:	107H	Survey Calculation Method:	Minimum Curvature
Design:	Final PVA	Database:	AUS-COMPASS - EDM_15 - 32bit

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
5,170.5	2.27	188.67	5,164.0	-156.8	48.0	394,318.66	867,085.49	32.0796964	-103.2816081
Bell Canyon									
5,258.0	3.25	189.62	5,251.4	-161.0	47.4	394,314.50	867,084.82	32.0796850	-103.2816104
5,353.0	3.03	188.74	5,346.2	-166.1	46.5	394,309.36	867,083.99	32.0796709	-103.2816132
5,447.0	2.95	185.57	5,440.1	-171.0	45.9	394,304.50	867,083.37	32.0796575	-103.2816154
5,541.0	3.03	183.73	5,534.0	-175.9	45.5	394,299.61	867,082.98	32.0796441	-103.2816168
5,635.0	2.73	181.09	5,627.9	-180.6	45.3	394,294.89	867,082.77	32.0796312	-103.2816176
5,729.0	2.51	179.86	5,721.8	-184.9	45.3	394,290.60	867,082.74	32.0796194	-103.2816179
5,823.0	1.93	180.39	5,815.7	-188.5	45.3	394,286.96	867,082.73	32.0796093	-103.2816180
5,917.0	1.58	178.28	5,909.6	-191.4	45.3	394,284.08	867,082.76	32.0796014	-103.2816180
6,011.0	2.11	161.76	6,003.6	-194.3	45.9	394,281.14	867,083.34	32.0795933	-103.2816162
6,089.0	3.93	154.33	6,081.5	-198.1	47.5	394,277.37	867,084.95	32.0795829	-103.2816111
NMNM137470 Entry at 6089.0 MD									
6,105.0	4.31	153.58	6,097.4	-199.2	48.0	394,276.33	867,085.45	32.0795801	-103.2816095
6,199.0	4.35	153.49	6,191.2	-205.5	51.2	394,269.98	867,088.62	32.0795625	-103.2815995
6,293.0	3.87	152.00	6,284.9	-211.5	54.2	394,263.99	867,091.70	32.0795460	-103.2815898
6,387.0	3.38	154.81	6,378.7	-216.8	56.9	394,258.68	867,094.36	32.0795313	-103.2815813
6,482.0	2.86	153.85	6,473.6	-221.5	59.1	394,254.02	867,096.60	32.0795184	-103.2815743
6,576.0	2.37	153.67	6,567.5	-225.3	61.0	394,250.17	867,098.50	32.0795078	-103.2815683
6,669.0	2.51	146.38	6,660.4	-228.7	63.0	394,246.75	867,100.48	32.0794984	-103.2815620
6,763.0	2.68	146.64	6,754.3	-232.3	65.4	394,243.20	867,102.83	32.0794885	-103.2815545
6,858.0	2.46	146.99	6,849.2	-235.8	67.7	394,239.64	867,105.16	32.0794787	-103.2815471
6,952.0	1.93	146.46	6,943.2	-238.9	69.7	394,236.63	867,107.13	32.0794704	-103.2815408
6,955.8	1.92	146.20	6,947.0	-239.0	69.7	394,236.52	867,107.20	32.0794701	-103.2815406
Brushy Canyon									
7,047.0	1.67	139.17	7,038.1	-241.2	71.5	394,234.24	867,108.92	32.0794638	-103.2815351
7,141.0	1.36	136.27	7,132.1	-243.1	73.1	394,232.40	867,110.59	32.0794587	-103.2815298
7,235.0	1.23	144.79	7,226.1	-244.7	74.5	394,230.77	867,111.94	32.0794541	-103.2815255
7,332.0	1.98	145.14	7,323.0	-246.9	76.0	394,228.55	867,113.50	32.0794480	-103.2815205
7,426.0	1.89	147.08	7,417.0	-249.6	77.8	394,225.91	867,115.27	32.0794407	-103.2815149
7,520.0	1.76	131.35	7,510.9	-251.8	79.7	394,223.66	867,117.19	32.0794344	-103.2815087
7,614.0	1.85	117.63	7,604.9	-253.5	82.2	394,222.00	867,119.62	32.0794298	-103.2815009
7,708.0	1.80	104.54	7,698.8	-254.6	84.9	394,220.93	867,122.40	32.0794268	-103.2814920
7,802.0	2.81	118.16	7,792.7	-256.0	88.4	394,219.47	867,125.86	32.0794227	-103.2814809
7,896.0	3.21	128.45	7,886.6	-258.7	92.5	394,216.74	867,129.95	32.0794151	-103.2814678
7,991.0	3.87	144.71	7,981.4	-263.0	96.4	394,212.47	867,133.88	32.0794033	-103.2814552
8,027.6	3.71	145.13	8,018.0	-265.0	97.8	394,210.49	867,135.28	32.0793978	-103.2814508
Bone Spring Lime									
8,085.0	3.47	145.85	8,075.2	-268.0	99.9	394,207.53	867,137.31	32.0793896	-103.2814443
8,178.0	2.55	139.70	8,168.1	-271.9	102.8	394,203.62	867,140.23	32.0793788	-103.2814350
8,272.0	1.93	96.37	8,262.0	-273.6	105.7	394,201.85	867,143.16	32.0793738	-103.2814256
8,366.0	1.85	85.55	8,356.0	-273.7	108.8	394,201.79	867,146.24	32.0793736	-103.2814156
8,460.0	1.71	75.62	8,450.0	-273.2	111.7	394,202.26	867,149.11	32.0793748	-103.2814064
8,554.0	1.76	68.15	8,543.9	-272.3	114.4	394,203.15	867,151.81	32.0793771	-103.2813976
8,648.0	1.63	51.63	8,637.9	-271.0	116.7	394,204.51	867,154.20	32.0793808	-103.2813899
8,742.0	1.71	46.88	8,731.8	-269.2	118.8	394,206.30	867,156.27	32.0793857	-103.2813831
8,836.0	1.63	33.88	8,825.8	-267.1	120.6	394,208.37	867,158.04	32.0793913	-103.2813774
8,931.0	1.32	44.33	8,920.8	-265.2	122.1	394,210.27	867,159.56	32.0793965	-103.2813724
9,025.0	1.14	42.58	9,014.7	-263.7	123.5	394,211.74	867,160.95	32.0794005	-103.2813679
9,119.0	1.14	39.15	9,108.7	-262.3	124.7	394,213.15	867,162.17	32.0794044	-103.2813639
9,213.0	0.88	36.07	9,202.7	-261.0	125.7	394,214.46	867,163.19	32.0794079	-103.2813606
9,307.0	1.05	14.63	9,296.7	-259.6	126.4	394,215.88	867,163.83	32.0794118	-103.2813584
9,402.0	0.97	19.37	9,391.7	-258.0	126.9	394,217.48	867,164.32	32.0794162	-103.2813568
9,496.0	0.97	21.75	9,485.7	-256.5	127.4	394,218.97	867,164.88	32.0794203	-103.2813550



American Resource Development LLC.

Survey Report - Geographic

Company:	Ameredev Operating	Local Co-ordinate Reference:	Well Red Bud State Com 25-36-32 107H
Project:	Lea County, NM (N83-NME)	TVD Reference:	GL 3002 + KB 27 @ 3029.0usft (Nabors X49)
Site:	Red Bud_Holly	MD Reference:	GL 3002 + KB 27 @ 3029.0usft (Nabors X49)
Well:	Red Bud State Com 25-36-32 107H	North Reference:	Grid
Wellbore:	107H	Survey Calculation Method:	Minimum Curvature
Design:	Final PVA	Database:	AUS-COMPASS - EDM_15 - 32bit

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
9,505.3	0.90	17.98	9,495.0	-256.4	127.5	394,219.11	867,164.93	32.0794207	-103.2813548
First Bone Spring									
9,590.0	0.66	316.88	9,579.7	-255.4	127.3	394,220.10	867,164.80	32.0794234	-103.2813552
9,685.0	0.92	274.61	9,674.6	-254.9	126.2	394,220.56	867,163.67	32.0794247	-103.2813588
9,779.0	1.49	209.48	9,768.6	-255.9	124.9	394,219.56	867,162.31	32.0794220	-103.2813632
9,873.0	2.11	199.11	9,862.6	-258.6	123.7	394,216.86	867,161.14	32.0794146	-103.2813671
9,966.0	2.59	191.99	9,955.5	-262.3	122.7	394,213.19	867,160.15	32.0794045	-103.2813704
10,014.5	2.80	193.45	10,004.0	-264.5	122.2	394,210.96	867,159.64	32.0793984	-103.2813721
Second Bone Spring									
10,060.0	2.99	194.63	10,049.4	-266.7	121.6	394,208.74	867,159.09	32.0793923	-103.2813740
10,154.0	3.12	198.49	10,143.3	-271.5	120.2	394,203.94	867,157.66	32.0793792	-103.2813787
10,248.0	3.08	199.64	10,237.1	-276.3	118.5	394,199.13	867,156.00	32.0793660	-103.2813842
10,342.0	2.95	197.26	10,331.0	-281.0	117.0	394,194.45	867,154.43	32.0793532	-103.2813895
10,436.0	2.86	201.04	10,424.9	-285.5	115.4	394,189.95	867,152.87	32.0793408	-103.2813946
10,531.0	2.68	215.19	10,519.8	-289.6	113.3	394,185.92	867,150.74	32.0793298	-103.2814016
10,565.3	2.68	215.19	10,554.0	-290.9	112.4	394,184.61	867,149.81	32.0793262	-103.2814047
Upper Third Bone Spring									
10,625.0	2.68	215.37	10,613.7	-293.2	110.7	394,182.33	867,148.20	32.0793200	-103.2814099
10,719.0	2.95	222.40	10,707.5	-296.7	107.8	394,178.75	867,145.30	32.0793103	-103.2814194
10,724.0	2.95	222.40	10,712.5	-296.9	107.7	394,178.56	867,145.12	32.0793098	-103.2814200
10,814.0	2.90	238.75	10,802.4	-299.8	104.2	394,175.67	867,141.62	32.0793019	-103.2814314
10,909.0	2.99	286.74	10,897.3	-300.3	99.7	394,175.14	867,137.19	32.0793006	-103.2814457
11,004.0	3.82	340.79	10,992.2	-296.6	96.3	394,178.84	867,133.77	32.0793108	-103.2814566
KOP @ 11004									
11,098.0	24.00	337.80	11,082.9	-275.8	88.0	394,199.72	867,125.43	32.0793684	-103.2814829
11,181.4	30.56	336.93	11,157.0	-240.5	73.2	394,234.95	867,110.70	32.0794657	-103.2815293
Third Bone Spring									
11,193.0	31.47	336.83	11,167.0	-235.0	70.9	394,240.46	867,108.35	32.0794809	-103.2815367
11,264.0	37.57	338.93	11,225.4	-197.8	55.8	394,277.72	867,093.27	32.0795837	-103.2815843
NMM137470 Exit at 11264.0 MD									
11,286.0	39.47	339.47	11,242.6	-184.9	50.9	394,290.54	867,088.40	32.0796190	-103.2815996
11,381.0	47.82	344.48	11,311.4	-122.6	30.9	394,352.86	867,068.35	32.0797909	-103.2816623
11,412.0	53.17	347.12	11,331.1	-99.4	25.0	394,376.04	867,062.51	32.0798547	-103.2816805
HL Entry at 11412.0 MD									
11,467.8	62.91	351.05	11,360.6	-53.0	16.2	394,422.44	867,053.65	32.0799825	-103.2817076
00-FTP-940FEL(RB-107H)									
11,475.0	64.18	351.51	11,363.8	-46.6	15.2	394,428.85	867,052.67	32.0800001	-103.2817106
11,570.0	77.58	4.34	11,394.9	42.6	12.4	394,518.13	867,049.84	32.0802456	-103.2817169
11,665.0	80.53	3.73	11,413.0	135.7	18.9	394,611.16	867,056.40	32.0805011	-103.2816928
11,759.0	86.20	1.36	11,423.8	228.9	23.1	394,704.40	867,060.53	32.0807573	-103.2816765
11,854.0	90.90	0.39	11,426.2	323.8	24.5	394,799.33	867,061.98	32.0810182	-103.2816688
EOC @ 11854									
11,948.0	92.18	1.44	11,423.7	417.8	26.0	394,893.28	867,063.48	32.0812763	-103.2816610
12,043.0	92.84	2.94	11,419.6	512.6	29.6	394,988.11	867,067.11	32.0815369	-103.2816464
12,137.0	92.26	1.18	11,415.4	606.5	33.0	395,081.96	867,070.48	32.0817947	-103.2816325
12,232.0	91.91	1.00	11,411.9	701.4	34.8	395,176.88	867,072.29	32.0820556	-103.2816237
12,326.0	92.57	0.92	11,408.2	795.3	36.4	395,270.79	867,073.86	32.0823137	-103.2816157
12,421.0	92.09	359.16	11,404.4	890.2	36.5	395,365.71	867,073.93	32.0825745	-103.2816125
12,430.5	92.17	359.22	11,404.0	899.7	36.3	395,375.19	867,073.80	32.0826006	-103.2816126
01-T01-01(RB-107H)									
12,515.0	92.92	359.77	11,400.3	984.1	35.6	395,459.61	867,073.05	32.0828327	-103.2816123
12,610.0	92.53	358.28	11,395.8	1,079.0	34.0	395,554.49	867,071.44	32.0830935	-103.2816146
12,705.0	92.44	357.31	11,391.6	1,173.8	30.3	395,649.33	867,067.79	32.0833542	-103.2816234
12,799.0	91.16	357.31	11,388.7	1,267.7	25.9	395,743.18	867,063.38	32.0836123	-103.2816346



American Resource Development LLC.

Survey Report - Geographic

Company:	Ameredev Operating	Local Co-ordinate Reference:	Well Red Bud State Com 25-36-32 107H
Project:	Lea County, NM (N83-NME)	TVD Reference:	GL 3002 + KB 27 @ 3029.0usft (Nabors X49)
Site:	Red Bud_Holly	MD Reference:	GL 3002 + KB 27 @ 3029.0usft (Nabors X49)
Well:	Red Bud State Com 25-36-32 107H	North Reference:	Grid
Wellbore:	107H	Survey Calculation Method:	Minimum Curvature
Design:	Final PVA	Database:	AUS-COMPASS - EDM_15 - 32bit

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
12,894.0	91.78	356.96	11,386.2	1,362.5	21.2	395,838.03	867,058.63	32.0838731	-103.2816470
12,988.0	91.08	355.20	11,383.9	1,456.3	14.7	395,931.77	867,052.21	32.0841309	-103.2816648
13,083.0	91.47	355.91	11,381.8	1,551.0	7.4	396,026.46	867,044.85	32.0843914	-103.2816855
13,178.0	93.93	359.25	11,377.3	1,645.8	3.4	396,121.25	867,040.84	32.0846520	-103.2816955
13,272.0	94.46	1.27	11,370.4	1,739.5	3.8	396,214.99	867,041.26	32.0849097	-103.2816912
13,367.0	93.67	0.39	11,363.7	1,834.3	5.2	396,309.74	867,042.63	32.0851701	-103.2816838
13,431.9	91.75	359.61	11,360.6	1,899.1	5.2	396,374.56	867,042.63	32.0853482	-103.2816817
02-T02-02(RB-107H)									
13,462.0	90.86	359.25	11,359.9	1,929.2	4.9	396,404.66	867,042.33	32.0854309	-103.2816817
13,557.0	92.31	0.30	11,357.3	2,024.1	4.5	396,499.62	867,041.96	32.0856919	-103.2816800
13,672.0	90.64	358.98	11,354.4	2,139.1	3.8	396,614.57	867,041.24	32.0860079	-103.2816787
13,765.0	89.41	358.28	11,354.3	2,232.1	1.6	396,707.54	867,039.02	32.0862635	-103.2816829
13,859.0	90.24	359.25	11,354.6	2,326.0	-0.5	396,801.52	867,036.99	32.0865218	-103.2816865
13,953.0	90.68	0.30	11,353.8	2,420.0	-0.8	396,895.51	867,036.62	32.0867802	-103.2816847
14,048.0	92.84	0.65	11,350.9	2,515.0	-0.1	396,990.46	867,037.41	32.0870411	-103.2816792
14,143.0	93.19	0.04	11,345.9	2,609.8	0.5	397,085.32	867,037.98	32.0873019	-103.2816744
14,238.0	92.40	359.77	11,341.3	2,704.7	0.4	397,180.21	867,037.82	32.0875627	-103.2816719
14,332.0	93.41	0.39	11,336.5	2,798.6	0.5	397,274.09	867,037.95	32.0878207	-103.2816685
14,428.0	96.04	0.92	11,328.6	2,894.3	1.6	397,369.74	867,039.04	32.0880836	-103.2816620
14,433.3	96.01	0.89	11,328.1	2,899.5	1.7	397,374.97	867,039.13	32.0880979	-103.2816616
03-T03-03(RB-107H)									
14,520.0	95.60	0.39	11,319.3	2,985.8	2.6	397,461.26	867,040.09	32.0883351	-103.2816557
14,614.0	94.02	359.16	11,311.4	3,079.4	2.3	397,554.93	867,039.72	32.0885925	-103.2816540
14,708.0	93.10	359.60	11,305.6	3,173.3	1.2	397,648.74	867,038.71	32.0888504	-103.2816543
14,803.0	92.97	1.18	11,300.6	3,268.1	1.9	397,743.60	867,039.35	32.0891111	-103.2816492
14,897.0	92.00	0.65	11,296.5	3,362.0	3.4	397,837.50	867,040.85	32.0893691	-103.2816414
14,991.0	90.64	359.25	11,294.3	3,456.0	3.3	397,931.47	867,040.77	32.0896274	-103.2816387
15,086.0	89.98	358.19	11,293.8	3,551.0	1.2	398,026.44	867,038.65	32.0898885	-103.2816426
15,180.0	89.80	357.66	11,294.0	3,644.9	-2.2	398,120.38	867,035.24	32.0901468	-103.2816506
15,274.0	89.32	357.31	11,294.7	3,738.8	-6.3	398,214.29	867,031.12	32.0904050	-103.2816610
15,369.0	90.64	357.31	11,294.7	3,833.7	-10.8	398,309.18	867,026.66	32.0906659	-103.2816724
15,433.8	90.97	357.49	11,293.8	3,898.4	-13.7	398,373.88	867,023.73	32.0908438	-103.2816798
04-T04-04(RB-107H)									
15,464.0	91.12	357.58	11,293.3	3,928.6	-15.0	398,404.07	867,022.43	32.0909269	-103.2816831
15,559.0	91.34	357.05	11,291.2	4,023.5	-19.5	398,498.95	867,017.98	32.0911877	-103.2816944
15,653.0	91.60	359.07	11,288.8	4,117.4	-22.7	398,592.86	867,014.80	32.0914459	-103.2817018
15,748.0	92.75	359.77	11,285.2	4,212.3	-23.6	398,687.78	867,013.84	32.0917069	-103.2817019
15,841.0	93.27	0.56	11,280.3	4,305.2	-23.4	398,780.65	867,014.10	32.0919621	-103.2816981
15,935.0	90.95	1.09	11,276.9	4,399.1	-22.0	398,874.57	867,015.46	32.0922202	-103.2816908
16,030.0	91.30	1.44	11,275.0	4,494.0	-19.9	398,969.53	867,017.55	32.0924812	-103.2816810
16,125.0	85.98	0.83	11,277.3	4,589.0	-18.0	399,064.45	867,019.43	32.0927420	-103.2816719
16,219.0	86.86	1.09	11,283.1	4,682.8	-16.5	399,158.25	867,021.01	32.0929998	-103.2816639
16,313.0	88.88	0.04	11,286.6	4,776.7	-15.5	399,252.18	867,021.93	32.0932579	-103.2816580
16,408.0	91.60	359.25	11,286.2	4,871.7	-16.1	399,347.16	867,021.34	32.0935190	-103.2816569
16,435.1	91.58	359.15	11,285.5	4,898.7	-16.5	399,374.22	867,020.96	32.0935934	-103.2816572
05-T05-05(RB-107H)									
16,502.0	91.52	358.89	11,283.7	4,965.6	-17.6	399,441.12	867,019.82	32.0937773	-103.2816588
16,596.0	91.43	358.72	11,281.2	5,059.6	-19.6	399,535.07	867,017.86	32.0940355	-103.2816622
16,691.0	92.79	358.81	11,277.8	5,154.5	-21.6	399,629.98	867,015.81	32.0942964	-103.2816658
16,785.0	92.31	359.77	11,273.6	5,248.4	-22.8	399,723.88	867,014.65	32.0945545	-103.2816666
16,879.0	89.27	358.54	11,272.3	5,342.4	-24.2	399,817.84	867,013.26	32.0948129	-103.2816681
16,974.0	90.95	358.98	11,272.1	5,437.3	-26.3	399,912.82	867,011.21	32.0950739	-103.2816718
17,068.0	89.98	358.89	11,271.3	5,531.3	-28.0	400,006.80	867,009.46	32.0953323	-103.2816745
17,163.0	89.54	359.77	11,271.7	5,626.3	-29.1	400,101.79	867,008.35	32.0955934	-103.2816751



American Resource Development LLC.

Survey Report - Geographic

Company:	Ameredev Operating	Local Co-ordinate Reference:	Well Red Bud State Com 25-36-32 107H
Project:	Lea County, NM (N83-NME)	TVD Reference:	GL 3002 + KB 27 @ 3029.0usft (Nabors X49)
Site:	Red Bud_Holly	MD Reference:	GL 3002 + KB 27 @ 3029.0usft (Nabors X49)
Well:	Red Bud State Com 25-36-32 107H	North Reference:	Grid
Wellbore:	107H	Survey Calculation Method:	Minimum Curvature
Design:	Final PVA	Database:	AUS-COMPASS - EDM_15 - 32bit

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
17,258.0	93.89	0.74	11,268.9	5,721.2	-28.7	400,196.72	867,008.77	32.0958543	-103.2816707
17,352.0	94.77	0.83	11,261.8	5,815.0	-27.4	400,290.44	867,010.05	32.0961119	-103.2816636
17,435.1	94.07	359.97	11,255.4	5,897.8	-26.8	400,373.32	867,010.63	32.0963397	-103.2816591
06-T06-06(RB-107H)									
17,446.0	93.98	359.86	11,254.6	5,908.7	-26.8	400,384.17	867,010.62	32.0963695	-103.2816588
17,541.0	92.62	359.51	11,249.1	6,003.5	-27.4	400,479.00	867,010.10	32.0966301	-103.2816575
17,634.0	91.56	359.60	11,245.8	6,096.5	-28.1	400,571.94	867,009.37	32.0968856	-103.2816569
17,728.0	90.42	359.77	11,244.1	6,190.4	-28.6	400,665.92	867,008.86	32.0971439	-103.2816557
17,823.0	90.11	359.77	11,243.7	6,285.4	-29.0	400,760.92	867,008.48	32.0974050	-103.2816539
17,917.0	89.41	359.42	11,244.1	6,379.4	-29.6	400,854.92	867,007.81	32.0976634	-103.2816531
18,012.0	89.71	359.51	11,244.8	6,474.4	-30.5	400,949.91	867,006.92	32.0979245	-103.2816530
18,106.0	90.11	359.16	11,245.0	6,568.4	-31.6	401,043.90	867,005.83	32.0981829	-103.2816535
18,200.0	90.37	359.69	11,244.6	6,662.4	-32.6	401,137.90	867,004.89	32.0984412	-103.2816536
18,295.0	89.01	359.60	11,245.1	6,757.4	-33.2	401,232.89	867,004.30	32.0987023	-103.2816525
18,390.0	90.33	358.89	11,245.6	6,852.4	-34.4	401,327.88	867,003.05	32.0989635	-103.2816536
18,435.4	90.44	359.19	11,245.3	6,897.7	-35.2	401,373.23	867,002.29	32.0990881	-103.2816546
07-T07-07(RB-107H)									
18,484.0	90.55	359.51	11,244.9	6,946.4	-35.7	401,421.86	867,001.74	32.0992218	-103.2816548
18,579.0	93.54	359.42	11,241.5	7,041.3	-36.6	401,516.79	867,000.85	32.0994827	-103.2816547
18,673.0	93.67	359.42	11,235.6	7,135.1	-37.6	401,610.60	866,999.90	32.0997406	-103.2816548
18,768.0	93.36	359.07	11,229.8	7,229.9	-38.8	401,705.41	866,998.65	32.1000012	-103.2816559
18,862.0	93.41	359.25	11,224.2	7,323.8	-40.2	401,799.24	866,997.28	32.1002591	-103.2816574
18,957.0	94.24	358.89	11,217.9	7,418.5	-41.7	401,894.01	866,995.74	32.1005197	-103.2816593
19,051.0	92.97	359.33	11,212.0	7,512.3	-43.2	401,987.81	866,994.28	32.1007775	-103.2816611
19,146.0	91.78	0.56	11,208.0	7,607.2	-43.3	402,082.73	866,994.19	32.1010384	-103.2816584
19,241.0	90.73	0.56	11,206.0	7,702.2	-42.3	402,177.70	866,995.12	32.1012994	-103.2816524
19,335.0	90.46	0.39	11,205.0	7,796.2	-41.6	402,271.69	866,995.90	32.1015577	-103.2816469
19,429.0	90.81	0.30	11,204.0	7,890.2	-41.0	402,365.68	866,996.46	32.1018160	-103.2816421
19,436.2	90.88	0.29	11,203.8	7,897.4	-41.0	402,372.92	866,996.50	32.1018359	-103.2816418
08-T08-08(RB-107H)									
19,523.0	91.69	0.21	11,201.9	7,984.2	-40.6	402,459.66	866,996.88	32.1020743	-103.2816378
19,618.0	89.89	359.86	11,200.6	8,079.2	-40.5	402,554.65	866,996.94	32.1023354	-103.2816346
19,712.0	90.02	359.95	11,200.7	8,173.2	-40.7	402,648.65	866,996.78	32.1025937	-103.2816322
19,807.0	90.11	359.69	11,200.6	8,268.2	-41.0	402,743.64	866,996.49	32.1028549	-103.2816302
19,901.0	89.58	359.86	11,200.8	8,362.2	-41.3	402,837.64	866,996.12	32.1031132	-103.2816284
19,996.0	92.04	359.51	11,199.5	8,457.1	-41.9	402,932.62	866,995.59	32.1033743	-103.2816271
20,091.0	94.59	359.86	11,194.0	8,552.0	-42.4	403,027.46	866,995.07	32.1036350	-103.2816258
20,186.0	93.19	359.86	11,187.5	8,646.8	-42.6	403,122.23	866,994.84	32.1038955	-103.2816235
20,280.0	92.04	359.60	11,183.2	8,740.7	-43.1	403,216.13	866,994.40	32.1041536	-103.2816220
20,375.0	92.04	359.51	11,179.9	8,835.6	-43.8	403,311.07	866,993.66	32.1044145	-103.2816214
20,436.5	89.71	359.39	11,178.9	8,897.1	-44.4	403,372.56	866,993.07	32.1045835	-103.2816214
09-T09-09(RB-107H)									
20,470.0	88.44	359.33	11,179.5	8,930.6	-44.8	403,406.05	866,992.70	32.1046756	-103.2816215
20,564.0	88.97	359.42	11,181.6	9,024.5	-45.8	403,500.02	866,991.67	32.1049339	-103.2816219
20,659.0	89.93	359.16	11,182.5	9,119.5	-47.0	403,595.01	866,990.50	32.1051950	-103.2816227
20,754.0	89.71	359.16	11,182.8	9,214.5	-48.4	403,690.00	866,989.11	32.1054561	-103.2816242
20,848.0	91.91	359.33	11,181.5	9,308.5	-49.6	403,783.97	866,987.87	32.1057144	-103.2816252
20,942.0	93.01	359.42	11,177.4	9,402.4	-50.6	403,877.88	866,986.84	32.1059726	-103.2816256
21,037.0	91.69	358.89	11,173.5	9,497.3	-52.0	403,972.79	866,985.44	32.1062334	-103.2816271
21,131.0	93.01	358.98	11,169.7	9,591.2	-53.8	404,066.69	866,983.70	32.1064916	-103.2816298
21,226.0	93.01	359.07	11,164.7	9,686.1	-55.4	404,161.54	866,982.08	32.1067523	-103.2816320
21,321.0	91.52	359.07	11,160.9	9,781.0	-56.9	404,256.46	866,980.54	32.1070132	-103.2816340
21,415.0	92.70	359.33	11,157.5	9,874.9	-58.2	404,350.38	866,979.23	32.1072714	-103.2816353



American Resource Development LLC.

Survey Report - Geographic

Company:	Ameredev Operating	Local Co-ordinate Reference:	Well Red Bud State Com 25-36-32 107H
Project:	Lea County, NM (N83-NME)	TVD Reference:	GL 3002 + KB 27 @ 3029.0usft (Nabors X49)
Site:	Red Bud_Holly	MD Reference:	GL 3002 + KB 27 @ 3029.0usft (Nabors X49)
Well:	Red Bud State Com 25-36-32 107H	North Reference:	Grid
Wellbore:	107H	Survey Calculation Method:	Minimum Curvature
Design:	Final PVA	Database:	AUS-COMPASS - EDM_15 - 32bit

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
21,437.5	92.90	359.42	11,156.4	9,897.4	-58.5	404,372.89	866,978.98	32.1073333	-103.2816353
10-T10-10(RB-107H)									
21,510.0	93.54	359.69	11,152.3	9,969.8	-59.0	404,445.24	866,978.42	32.1075322	-103.2816349
21,604.0	95.30	359.69	11,145.1	10,063.5	-59.5	404,538.95	866,977.91	32.1077897	-103.2816336
21,699.0	94.37	359.42	11,137.1	10,158.1	-60.3	404,633.61	866,977.18	32.1080499	-103.2816330
21,772.0	94.95	359.51	11,131.1	10,230.9	-61.0	404,706.36	866,976.50	32.1082499	-103.2816329
21,795.9	94.95	359.51	11,129.1	10,254.7	-61.2	404,730.15	866,976.29	32.1083153	-103.2816328
11-LTP-940FEL(RB-107H)									
21,802.0	94.95	359.51	11,128.5	10,260.8	-61.2	404,736.25	866,976.24	32.1083321	-103.2816328
HL Exit at 21802.0 MD									
21,840.0	94.95	359.51	11,125.3	10,298.6	-61.5	404,774.11	866,975.92	32.1084361	-103.2816326
12-PBHL-940FEL(RB-107H)									



American Resource Development LLC.

Survey Report - Geographic

Company:	Ameredev Operating	Local Co-ordinate Reference:	Well Red Bud State Com 25-36-32 107H
Project:	Lea County, NM (N83-NME)	TVD Reference:	GL 3002 + KB 27 @ 3029.0usft (Nabors X49)
Site:	Red Bud_Holly	MD Reference:	GL 3002 + KB 27 @ 3029.0usft (Nabors X49)
Well:	Red Bud State Com 25-36-32 107H	North Reference:	Grid
Wellbore:	107H	Survey Calculation Method:	Minimum Curvature
Design:	Final PVA	Database:	AUS-COMPASS - EDM_15 - 32bit

Design Targets

Target Name

- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
10-T10-10(RB-107H) - plan misses target center by 16.0usft at 21437.5usft MD (11156.4 TVD, 9897.3 N, -58.5 E) - Point	0.00	0.01	11,141.0	9,896.5	-62.9	404,372.02	866,974.59	32.1073310	-103.2816496
09-T09-09(RB-107H) - plan misses target center by 20.0usft at 20436.5usft MD (11178.9 TVD, 8897.1 N, -44.4 E) - Point	0.00	0.00	11,161.0	8,896.9	-53.3	403,372.39	866,984.19	32.1045833	-103.2816501
12-PBHL-940FEL(RB-107H) - plan misses target center by 68.6usft at 21840.0usft MD (11125.3 TVD, 10298.6 N, -61.5 E) - Point	0.00	0.00	11,192.7	10,310.2	-66.8	404,785.70	866,970.61	32.1084681	-103.2816494
11-LTP-940FEL(RB-107H) - plan misses target center by 65.1usft at 21795.9usft MD (11129.1 TVD, 10254.7 N, -61.2 E) - Point	0.00	0.00	11,193.7	10,260.2	-66.4	404,735.71	866,971.10	32.1083307	-103.2816494
08-T08-08(RB-107H) - plan misses target center by 8.3usft at 19436.2usft MD (11203.8 TVD, 7897.4 N, -41.0 E) - Point	0.00	0.00	11,196.0	7,897.3	-43.7	402,372.76	866,993.80	32.1018356	-103.2816505
07-T07-07(RB-107H) - plan misses target center by 13.4usft at 18435.3usft MD (11245.3 TVD, 6897.7 N, -35.2 E) - Point	0.00	0.00	11,232.0	6,897.7	-34.1	401,373.14	867,003.40	32.0990878	-103.2816510
06-T06-06(RB-107H) - plan misses target center by 3.5usft at 17435.1usft MD (11255.4 TVD, 5897.8 N, -26.8 E) - Point	0.00	0.00	11,258.0	5,898.0	-24.5	400,373.51	867,013.01	32.0963401	-103.2816515
05-T05-05(RB-107H) - plan misses target center by 13.6usft at 16435.1usft MD (11285.5 TVD, 4898.7 N, -16.5 E) - Point	0.00	0.01	11,272.0	4,898.4	-14.9	399,373.88	867,022.61	32.0935924	-103.2816519
04-T04-04(RB-107H) - plan misses target center by 8.5usft at 15433.8usft MD (11293.8 TVD, 3898.4 N, -13.7 E) - Point	0.00	0.01	11,294.0	3,898.8	-5.2	398,374.26	867,032.22	32.0908447	-103.2816524
03-T03-03(RB-107H) - plan misses target center by 4.1usft at 14433.3usft MD (11328.1 TVD, 2899.5 N, 1.7 E) - Point	0.00	0.00	11,325.0	2,899.1	4.4	397,374.63	867,041.82	32.0880969	-103.2816529
02-T02-02(RB-107H) - plan misses target center by 13.6usft at 13432.0usft MD (11360.6 TVD, 1899.2 N, 5.2 E) - Point	0.00	0.01	11,371.0	1,899.5	14.0	396,375.00	867,051.43	32.0853492	-103.2816533
01-T01-01(RB-107H) - plan misses target center by 14.5usft at 12430.5usft MD (11404.0 TVD, 899.7 N, 36.3 E) - Point	0.00	0.00	11,411.0	899.9	23.6	395,375.38	867,061.03	32.0826015	-103.2816538
00-FTP-940FEL(RB-107H) - plan misses target center by 94.6usft at 11467.8usft MD (11360.6 TVD, -53.0 N, 16.2 E) - Rectangle (sides W100.0 H600.0 D0.0)	0.00	359.45	11,441.0	-99.7	33.2	394,375.75	867,070.64	32.0798537	-103.2816542

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
21,797.7	11,128.9	20" Casing	20	24



American Resource Development LLC.

Survey Report - Geographic

Company:	Ameredev Operating	Local Co-ordinate Reference:	Well Red Bud State Com 25-36-32 107H
Project:	Lea County, NM (N83-NME)	TVD Reference:	GL 3002 + KB 27 @ 3029.0usft (Nabors X49)
Site:	Red Bud_Holly	MD Reference:	GL 3002 + KB 27 @ 3029.0usft (Nabors X49)
Well:	Red Bud State Com 25-36-32 107H	North Reference:	Grid
Wellbore:	107H	Survey Calculation Method:	Minimum Curvature
Design:	Final PVA	Database:	AUS-COMPASS - EDM_15 - 32bit

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,191.1	1,191.0	Rustler			
1,654.3	1,654.0	Salado			
3,266.2	3,262.0	Tansill			
3,787.5	3,782.0	Capitan			
5,088.5	5,082.0	Lamar			
5,170.5	5,164.0	Bell Canyon			
6,955.8	6,947.0	Brushy Canyon			
8,027.6	8,018.0	Bone Spring Lime			
9,505.3	9,495.0	First Bone Spring			
10,014.5	10,004.0	Second Bone Spring			
10,565.3	10,554.0	Upper Third Bone Spring			
11,181.4	11,157.0	Third Bone Spring			

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
6089	6081	-198	47	NMNM137470 Entry at 6089.0 MD
11,004	10,992	-297	96	KOP @ 11004
11,264	11,225	-198	56	NMNM137470 Exit at 11264.0 MD
11,412	11,331	-99	25	HL Entry at 11412.0 MD
11,854	11,426	324	25	EOC @ 11854
21,802	11,129	10,261	-61	HL Exit at 21802.0 MD

Checked By: _____ Approved By: _____ Date: _____

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

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

Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-025-49593
5. Indicate Type of Lease STATE ☒ FEE ☐ FED ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name RED BUD 25 36 32 STATE COM
8. Well Number 107H
9. OGRID Number 372224
10. Pool name or Wildcat WOLFCAMP

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.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
AMEREDEV OPERATING, LLC

3. Address of Operator
2901 VIA FORTUNA, SUITE 600 AUSTIN, TX 78746

4. Well Location
 Unit Letter P : 200 feet from the SOUTH line and 972 feet from the EAST line
 Section 32 Township 25-S Range 36-E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
 3,004' GL / 3,037' RKB

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

DOWNHOLE COMMINGLE ☐

CLOSED-LOOP SYSTEM ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ P AND A ☐

CASING/CEMENT JOB ☐

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: 2/17/2022

RIG RELEASED: 5/16/2022

6/26/2022 Begin perf and frac

8/19/2022 Finish 72 stages perf and frac, 11,623' - 21,759', 0.49, 4320, 28,952,251 LBS PROPPANT / 755,159 BBLS FLUIDS

9/5/2022 Drilled out plugs and clean out wellbore

9/8/2022 Test Void to 9500 psi, seals & flanges to 10,000 psi

9/17/2022 Opened well to flowback - Date of First Production

Spud Date:

2/17/2022

Rig Release Date:

5/16/2022

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

SIGNATURE Biff Yocham TITLE Engineer DATE 1/25/2023

Type or print name Biff Yocham E-mail address byocham@ameredev.com PHONE 832-671-9665

For State Use Only

APPROVED BY: _____ DATE _____

Conditions of Approval (if any):

State of New Mexico
Energy, Minerals and Natural Resources

Form C-105

Revised April 3, 2017

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

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

1. WELL API NO. 30-025-49593

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
RED BUD 25 36 32 STATE COM

6. Well Number:
107H

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

WOLFCAMP

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	P	32	25-S	36-E	-	200	SOUTH	972	EAST	LEA
BH:	A	29	25-S	36-E	-	62	NORTH	935	EAST	LEA

13. Date Spudded 2/17/2022	14. Date T.D. Reached 5/13/2022	15. Date Rig Released 5/16/2022	16. Date Completed (Ready to Produce) 9/9/2022	17. Elevations (DF and RKB, RT, GR, etc.) 3,004' GL / 3,037' RKB
-------------------------------	------------------------------------	------------------------------------	---	---

18. Total Measured Depth of Well 21,840'	19. Plug Back Measured Depth 21,822'	20. Was Directional Survey Made? YES	21. Type Electric and Other Logs Run MWD - API GAMMA RAY
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22. Producing Interval(s), of this completion - Top, Bottom, Name

11623' - 21759' 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#	1,308'	17.5"	1516 / 391	
N/A	N/A	N/A	12.25"	N/A	
7.625" HCL80	29.7#	10,773'	9.875"	1940 / 270	
5.5" RYSP110 / HP110	23#	21,822'	6.75"	605 / 890	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2.875"	11,016'	11,010'

25. TUBING RECORD

26. Perforation record (interval, size, and number)

11,623' - 21,759', 0.49, 4320

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
11,623' - 21,759'	28,952,251 LBS PROPPANT / 755,159 BBLS FLUIDS

23. PRODUCTION

Date First Production 9/17/2022		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING				Well Status (Prod. or Shut-in) PRODUCING	
Date of Test 10/28/2022	Hours Tested 24	Choke Size 64	Prod'n For Test Period	Oil - Bbl 932	Gas - MCF 1248	Water - Bbl. 3618	Gas - Oil Ratio 1339.055794
Flow Tubing Press. 118	Casing Pressure 78	Calculated 24-Hour Rate	Oil - Bbl. 932	Gas - MCF 1248	Water - Bbl. 3618	Oil Gravity - API - (Corr.) 39.6	

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 *Biff Yocham* Printed Name Biff Yocham Title Engineer Date 1/25/2023

E-mail Address

byocham@amerdev.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 a 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 Oztzte _____
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 _____ 7985	T. Todilto _____	
T. Abo _____	T. _____	T. Entrada _____	
T. Wolfcamp _____ 11,366	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	1,171	1171	Anhydrite				
1171	1,598	427	Salt				
1598	3,333	1734	Limestone				
3333	3,739	407	Limestone				
3739	5,049	1310	Limestone				
5049	5,159	110	Limestone				
5159	6,924	1765	Sandstone				
6924	7,985	1061	Sandstone				
7985	9,467	1482	Limestone				
9467	9,965	498	Sandstone				
9965	10,560	595	Sandstone				
10560	11,112	552	Limestone				
11112	11,366	254	Sandstone				
11366	TD		Shale				

Red Bud 25 36 32 State Com 107H						
Wolfcamp						
County, St: Lea, NM SHL: Section 32 , T25S , R36E 200' FSL, 972' FEL BHL: Section 29 , T25S , R36E 62' FNL, 935' FEL 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		AS-DRILLED		Co. Well ID: 40824 AFE #: 2018-032 API #: 30-025-49593 Permit: BLM GL: 3,004' Field: Delaware Rig: Nabors X49 KB: 32.5' Elevation: 3,037' E-Mail: drillingcr@amerdev.com Spud Date: 2/17/2022 Rig Release Date: 5/16/2022		
General Notes	Hole Size	Casing & Cement	Geology	TVD	Mud Weight	
Surface Cement: Pumped 30 bbl FW spacer, pumped Lead Cement 310 bbls @ 13 ppg, 1516 sacks, 1.49 yld, 35/65 Poz C, 0.4% CPT-503P, 0.25 lbs/sk Cellophane Flakes. Pumped Tail Cement 100 bbls @ 14.8 ppg, 391 sx, 1.35 yld, 35/65 Poz C, 0.4% CPT-503P, 0.25 lbs/sk Cellophane Flakes. Displaced with 196 bbls of FW. Circulated 285 bbls to surface. Tested casing 1500 psi for 30 minutes, bled pressure off and got 1 bbl back. Done on 02/19/2022	17-1/2"	Cement to Surface: 285 bbls 13.375 68 J-55 BTC 0 - 1308	Conductor	128'	8.4 - 8.6 ppg	
	1318' MD		Rustler	1,171'		
Intermediate Cement: Pumped 40 bbl of 10 ppg weighted spacer 92 lbs-Barite, 0.5 lbs-CSG-1, 0.5 gal, Plexaid 803. Pumped Lead Cement 1047 bbls @ 10.5 ppg, 1940 sx, 3.03 yld, 100% HSLD 77 Cement, 0.32% Citric Acid. 0.23% CSA-1000 - Fluids Loss Additive, 4% STE, 0.225% C-90, 0.71lb/skSalt, 3#/sk kol Seal, 2.5#/sk Phenoseal, 1.5#/skHGS-7K32 Low Density Additive. Pumped Tail Cement 62 bbls @ 14.2 ppg, 270 sx, 1.30 yld, 50% Class H Premium, 25% Compass Poz-Mix, 25% CPO-18, 0.35% Citric Acid, 0.06% CSA-1000-Fluid Loss Additive, 4% STE, 0.15% C-90, 0.3 CFL-1, 0.49#/sk Salt. Displaced with 360 bbls of Fresh water followed by 100 bbls of Brine followed by 32 bbls of F/W. Circulated 212 bbls of cement back to surface. Tested casing 1500 psi for 30 minutes, bled pressure off and got 0.5 bbl back. Done on 04/04/2022	12-1/4"	Cement to Surface: Did Not Run Csg bbls Intermediate 2 DV Tool/ACP 3388 9.625 40 HC L-80 BTC 0 - Did Not Run Casing	Salado	1,598'	10 (180k+ chlorides) ppg	
	9-7/8"		1308' MD	Tansill		3,333'
				Capitan		3,739'
Production Cement: Pumped 50 bbl of 12 ppg weighted spacer 200 lbs-Barite, 17 lbs-OPS-1, 0.5 lbs - Citric acid. Pumped Lead Cement 236 bbls @ 12.5 ppg, 605 sx, 1.98 yld, 80% Class C Premium, 20% CHP-D7 Light Weight, 0.3% Citric Acid, 0.04% CSA-1000 - Fluid Loss Additive, 0.7% CFL-1, 0.86#/sk Salt. Pumped First Tail Cement 98 bbls @ 14.2 ppg, 430 sx, 1.28 yld, 60% Class H Premium, 20% Compass Poz-Mix 20% CPO-18, 0.04% CSA-1000 - Fluid Loss Additive, 0.18% C-23 High Temperature retarder, 0.6% CFL-1 1#/skOF-1 LCM. Pumped Second Tail Cement 104 bbls @ 14.2 ppg, 460 sx, 1.28 yld, 60% Class H Premium, 20% Compass Poz-Mix 20% CPO-18, 0.055% CSA-1000 - Fluid Loss Additive, 0.11% C-23 High Temperature retarder, 0.5% CFL-1 Displaced 5 bbls of sugar water followed with 461.5 bbls of Fresh water. Circulated 84 bbls of cement back to surface. Tested casing 1500 psi for 30 minutes, bled pressure off and got 0.5 bbl back. Done on 04/04/2022	6-3/4" Curve	10773' MD 10761' TVD	Brushy Canyon	5,049'	9.0 - 9.5 ppg	
				Lamar		
				Cement to Surface: 212 bbls		6,924'
				7.625 29.7 HC L-80 BTC 0 - 10773		Upper Third Bone Spring
LTP: 21802" LTP VS: 10261" FTP: 11623'	6-3/4" Lateral	KOP 11004' MD 10992' TVD EOC 11854' MD 11426' TVD Lateral Length: 9986"	Wolfcamp	5,159'	10.5-12.5 ppg	
				Cement To Surface: 84 bbls		11,112'
				Flotation Collar @ 10959 ' MD		11,366'
				5.5 23 RYS P-110 Sem-Fi (Eagle SFH) 0 - 10382 5.5 23 HP-110 Anaconda GT 10382 - 21822 Marker Jts @ 10961' & 16992' MD Toe Sleeves @ 21789' & 21780' MD 21840' MD 11,125' TVD @ BHL 10,299' VS		

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

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

ACKNOWLEDGMENTS

Action 179567

ACKNOWLEDGMENTS

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 179567
	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.

Sante Fe Main Office
Phone: (505) 476-3441

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

CONDITIONS

Action 179567

CONDITIONS

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 179567
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	8/6/2025