

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address		² OGRID Number	
		³ Reason for Filing Code/ Effective Date	
⁴ API Number	⁵ Pool Name		⁶ Pool Code
⁷ Property Code	⁸ Property Name		⁹ Well Number

II. ¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
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¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Lse Code	¹³ Producing Method Code		¹⁴ Gas Connection Date		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W

IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBDT	²⁵ Perforations	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method
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>alicia fulton</i>			OIL CONSERVATION DIVISION		
Printed name:			Approved by: <i>PATRICIA MARTINEZ</i>		
Title:			Title: <i>PETROLEUM SPECIALIST</i>		
E-mail Address:			Approval Date: <i>1/21/2022</i>		
Date:		Phone:			

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

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

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

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-45802	² Pool Code 96413	³ Pool Name PALMILLO BONE SPRING SOUTHWEST
⁴ Property Code 325175	⁵ Property Name PALMILLO 3 STATE COM	
⁷ OGRID NO. 873	⁸ Operator Name APACHE CORPORATION	⁶ Well Number 244H
		⁹ Elevation 3483'

¹⁰ Surface Location

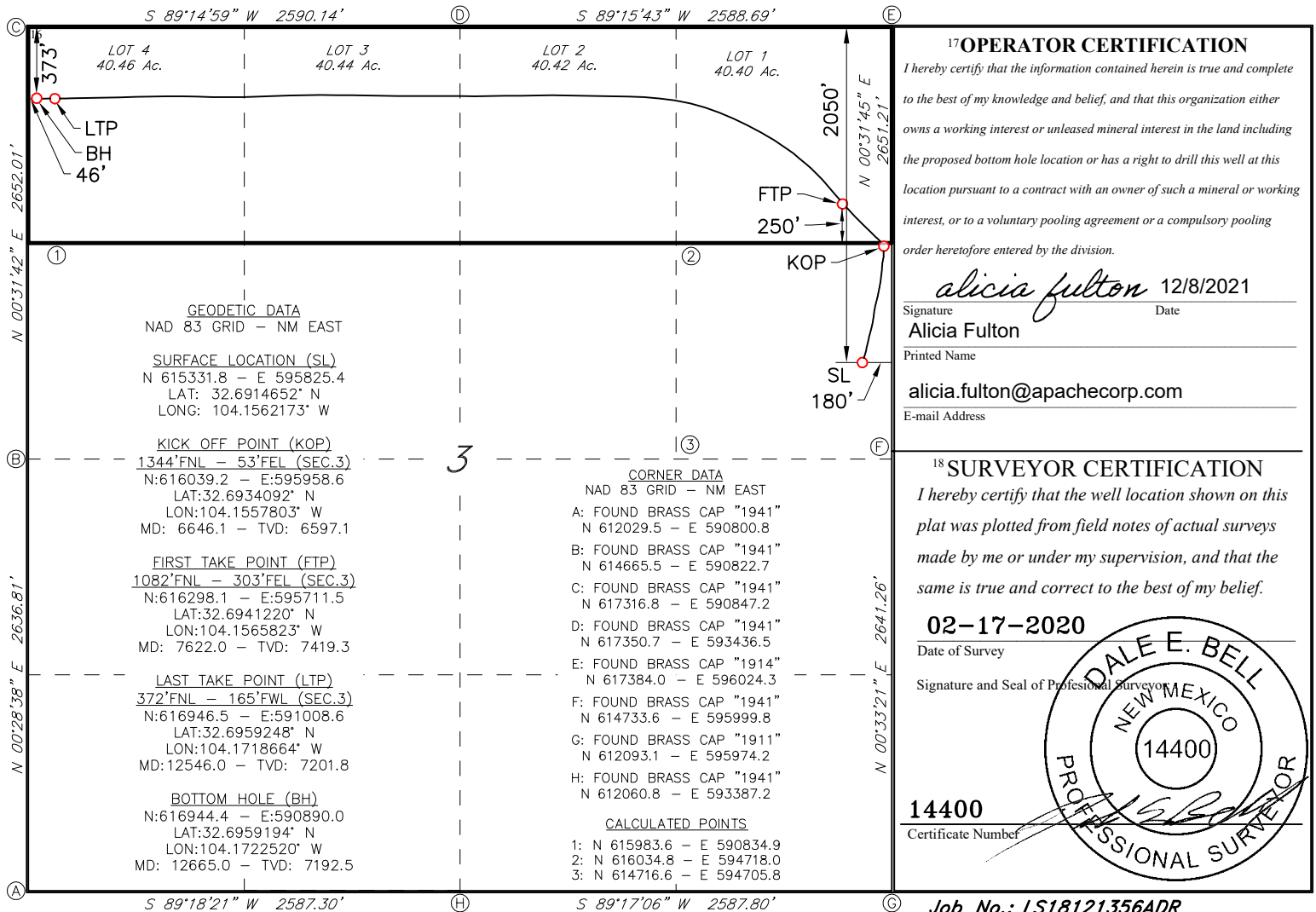
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
H	3	19S	28E		2050	NORTH	180	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	3	19S	28E		373	NORTH	46	WEST	EDDY

¹² Dedicated Acres 161.72	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.



5D Survey Report



5D Survey Report

Apache Corporation

Field Name: *Apache NM (Nad 83 NMEZ)*
Site Name: *Palmillo 3 State Com (356,244,243,354) Pad*
Well Name: *Palmillo 3 State Com 244H*
File number: *14013747*
Survey: *Definitive survey*

17 February 2020



5D Survey Report



Palmillo 3 State Com 244H

Field Name: Apache NM (Nad 83 NMEZ)	Map Units: US ft	Company Name: Apache Corporation
	Vertical Reference Datum (VRD): Mean Sea Level	
	Projected Coordinate System: NAD83 / New Mexico East (ftUS)	
	Comment:	

Site: Palmillo 3 State Com (356,244,243,354) Pad	Units: US ft	North Reference: Grid	Convergence Angle: 0.10
	Position:	Northing: 615361.80 US ft	Latitude: 32.691547774
		Easting: 595825.60 US ft	Longitude: -104.156216364
	Elevation above MSL: 3484.00 US ft		
	Comment: Eddy Co., NM		

Slot: Palmillo 3 State Com 244H	Position (Relative to Site Centre)		
	+N/-S: -30.00 US ft	Northing: 615331.80 US ft	Latitude: 32.691465315
	+E/-W: -0.20 US ft	Easting: 595825.40 US ft	Longitude: -104.156217176
	Slot TVD Reference: Ground Elevation		
	Elevation above MSL: 3483.00 US ft		
	Comment:		

Well: Palmillo 3 State Com 244H	Type: Main well	UWI:
	File Number: 14013747	Comment:
	Closure Distance: 5192.18 US ft	Closure Azimuth: 288.09°
	Vertical Section: Position of Origin (Relative to Slot centre)	
	+N/-S: -0.00 US ft	+E/-W: 0.00 US ft
	Az: 288.03°	

Drill floor: Survey Name: Definitive Survey

Rig Height (Well TVD Reference): Elevation above MSL: 3509.00 US ft **Inclination:** 0.00° **Azimuth:** 0.00°
26.00 US ft

Survey Name: Definitive Survey

Date: 23/Oct/2019 **Survey Tool:** See Survey **Comment:** **Company:**
Tool Ranges below.

Magnetic Model:

Model Name: IFR **Date:** 05/Feb/2020 **Field Strength:** 47833.0 nT **Declination:** 7.33° **Dip:** 60.46°

Tie Point:

MD: 0.00 US ft **Inclination:** 0.00° **Azimuth:** 0.00° **TVD:** 0.00 US ft **North Offset:** -0.00 US ft **East Offset:** 0.00 US ft

5D Survey Report

Survey Tool Ranges:			
Name	Start MD(USFt)	End MD(USFt)	Source Survey
VES GyroFlex V3	0.00	6835.00	VES Gyro
MWD+IFR1+SAG+FDIR	6835.00	12665.00	WFT MWD+IFR1+SAG+FDIR_Corrected

Casing Points: (Relative to Slot centre)(TVD relative to Well TVD Reference)								
Name	MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)
13 3/8 in	382.00	0.84	255.34	381.99	-0.73	-1.80	615331.07	595823.60
9 5/8 in	3036.00	9.06	11.48	3019.53	240.78	61.94	615572.58	595887.34

Wellpath created using minimum curvature.

Survey Points: (Relative to Slot centre)(TVD relative to Well TVD Reference)											
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	DLS (°/100US ft)	Northing (US ft)	Easting (US ft)	Comment	
0.00	0.00	0.00	0.00	0.00	-0.00	0.00	0.00	615331.80	595825.40		
35.32	0.24	229.54	35.32	0.04	-0.05	-0.06	0.68	615331.75	595825.34		
129.76	0.23	249.17	129.76	0.29	-0.24	-0.38	0.09	615331.56	595825.02		
224.20	0.23	265.59	224.20	0.61	-0.33	-0.75	0.07	615331.47	595824.65		
318.64	0.36	236.19	318.64	0.97	-0.51	-1.19	0.21	615331.29	595824.21		
413.08	1.09	258.39	413.07	1.94	-0.85	-2.31	0.81	615330.95	595823.09		
507.52	0.90	250.25	507.49	3.30	-1.28	-3.89	0.25	615330.52	595821.51		
601.96	0.56	232.99	601.93	4.15	-1.81	-4.96	0.42	615329.99	595820.44		
696.40	0.49	234.11	696.36	4.65	-2.33	-5.65	0.07	615329.47	595819.75		
790.84	0.18	64.53	790.80	4.79	-2.50	-5.85	0.71	615329.30	595819.55		
885.28	0.91	57.89	885.24	4.20	-2.04	-5.08	0.77	615329.76	595820.32		
979.72	1.80	43.48	979.65	3.08	-0.56	-3.42	1.00	615331.24	595821.98		
1074.16	2.75	34.15	1074.02	1.81	2.39	-1.13	1.08	615334.19	595824.27		
1168.60	3.62	25.48	1168.31	0.80	6.96	1.43	1.05	615338.76	595826.83		
1263.04	4.55	25.01	1262.51	-0.05	13.04	4.29	0.99	615344.84	595829.69		
1357.48	5.59	18.43	1356.58	-0.53	20.80	7.33	1.26	615352.60	595832.73		
1451.92	6.01	13.54	1450.53	-0.18	29.97	9.94	0.69	615361.77	595835.34		
1546.36	6.25	16.01	1544.43	0.39	39.72	12.52	0.38	615371.52	595837.92		
1640.80	7.08	17.12	1638.24	0.66	50.22	15.65	0.89	615382.02	595841.05		
1735.24	7.51	17.28	1731.91	0.84	61.68	19.20	0.46	615393.48	595844.60		
1829.68	7.64	12.61	1825.53	1.51	73.70	22.40	0.67	615405.50	595847.80		
1924.12	8.31	14.57	1919.05	2.52	86.43	25.49	0.77	615418.23	595850.89		
2018.56	8.68	11.76	2012.46	3.71	100.01	28.66	0.59	615431.81	595854.06		
2113.00	8.80	12.21	2105.80	5.22	114.05	31.64	0.15	615445.85	595857.04		
2207.44	8.45	12.08	2199.17	6.67	127.90	34.62	0.37	615459.70	595860.02		
2301.88	7.73	12.79	2292.67	7.97	140.87	37.47	0.77	615472.67	595862.87		
2396.32	7.62	15.09	2386.27	8.87	153.11	40.51	0.35	615484.91	595865.91		
2490.76	7.72	13.86	2479.86	9.65	165.32	43.66	0.20	615497.12	595869.06		
2585.20	7.73	15.97	2573.45	10.34	177.58	46.93	0.30	615509.38	595872.33		
2679.64	7.72	13.20	2667.03	11.10	189.86	50.12	0.39	615521.66	595875.52		
2774.08	8.24	14.28	2760.55	12.08	202.60	53.24	0.57	615534.40	595878.64		
2868.52	8.56	14.96	2853.98	12.90	215.95	56.72	0.35	615547.75	595882.12		
2962.96	8.66	10.33	2947.36	14.23	229.73	59.81	0.74	615561.53	595885.21		
3057.40	9.18	11.80	3040.66	16.00	244.10	62.63	0.60	615575.90	595888.03		
3151.84	9.39	9.24	3133.86	17.99	259.08	65.41	0.49	615590.88	595890.81		
3246.28	9.68	12.23	3226.99	19.97	274.44	68.33	0.61	615606.24	595893.73		
3340.72	9.83	359.99	3320.08	23.27	290.27	70.01	2.20	615622.07	595895.41		
3435.16	8.64	5.58	3413.29	27.30	305.39	70.70	1.58	615637.19	595896.10		
3529.60	8.23	11.94	3506.71	29.55	319.06	72.78	1.08	615650.86	595898.18		
3624.04	8.17	12.16	3600.19	30.95	332.24	75.60	0.07	615664.04	595901.00		
3718.48	7.73	15.62	3693.72	31.90	344.91	78.72	0.69	615676.71	595904.12		
3812.92	8.09	14.03	3787.26	32.63	357.48	82.04	0.45	615689.28	595907.44		
3907.36	8.28	13.98	3880.74	33.58	370.52	85.29	0.20	615702.32	595910.69		
4001.80	8.29	12.08	3974.20	34.76	383.78	88.36	0.29	615715.58	595913.76		
4096.24	7.76	12.31	4067.71	36.10	396.67	91.15	0.56	615728.47	595916.55		
4190.68	7.72	13.25	4161.29	37.27	409.07	93.96	0.14	615740.87	595919.36		

5D Survey Report

Survey Points: (Relative to Slot centre)(TVD relative to Well TVD Reference)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	DLS (°/100US ft)	Northing (US ft)	Easting (US ft)	Comment
4285.12	8.16	12.42	4254.82	38.45	421.79	96.85	0.48	615753.59	595922.25	
4379.56	7.48	12.17	4348.39	39.73	434.34	99.59	0.72	615766.14	595924.99	
4474.00	7.83	11.57	4441.98	41.09	446.65	102.18	0.38	615778.45	595927.58	
4568.44	7.94	10.18	4535.53	42.70	459.38	104.62	0.23	615791.18	595930.02	
4662.88	8.46	9.95	4629.01	44.57	472.64	106.97	0.55	615804.44	595932.37	
4757.32	8.91	6.78	4722.36	46.97	486.74	109.04	0.70	615818.54	595934.44	
4851.76	8.27	7.46	4815.74	49.64	500.74	110.78	0.69	615832.54	595936.18	
4946.20	8.25	7.85	4909.20	52.09	514.19	112.59	0.06	615845.99	595937.99	
5040.64	8.84	8.27	5002.59	54.51	528.08	114.56	0.63	615859.88	595939.96	
5135.08	8.84	8.09	5095.91	57.00	542.45	116.62	0.03	615874.25	595942.02	
5229.52	8.03	6.11	5189.33	59.61	556.19	118.35	0.91	615887.99	595943.75	
5323.96	7.43	3.68	5282.91	62.49	568.84	119.44	0.72	615900.64	595944.84	
5418.40	7.59	3.94	5376.54	65.52	581.16	120.26	0.17	615912.96	595945.66	
5512.84	7.83	2.18	5470.13	68.80	593.81	120.94	0.36	615925.61	595946.34	
5607.28	7.89	8.79	5563.68	71.59	606.64	122.17	0.96	615938.44	595947.57	
5701.72	7.70	12.89	5657.25	73.20	619.22	124.57	0.62	615951.02	595949.97	
5796.16	7.61	10.96	5750.85	74.54	631.52	127.17	0.29	615963.32	595952.57	
5890.60	6.91	7.20	5844.53	76.37	643.30	129.07	0.90	615975.10	595954.47	
5985.04	6.85	2.72	5938.29	78.93	654.56	130.05	0.57	615986.36	595955.45	
6079.48	5.96	358.89	6032.14	82.02	665.09	130.23	1.04	615996.89	595955.63	
6173.92	5.48	356.59	6126.11	85.28	674.49	129.86	0.56	616006.29	595955.26	
6268.36	4.72	358.45	6220.18	88.23	682.88	129.49	0.82	616014.68	595954.89	
6362.80	4.69	11.79	6314.30	89.95	690.54	130.17	1.16	616022.34	595955.57	
6457.24	4.15	13.16	6408.46	90.66	697.65	131.74	0.58	616029.45	595957.14	
6551.68	2.95	7.23	6502.72	91.41	703.39	132.82	1.33	616035.19	595958.22	
6646.12	2.00	3.09	6597.07	92.29	707.44	133.22	1.02	616039.24	595958.62	
6740.56	1.95	347.66	6691.45	93.53	710.66	132.96	0.56	616042.46	595958.36	
6835.00	2.49	340.75	6785.82	95.58	714.17	131.94	0.64	616045.97	595957.34	Tie On VES
6950.00	2.67	332.89	6900.71	98.99	718.91	129.90	0.34	616050.71	595955.30	
7045.00	6.43	319.79	6995.39	105.09	724.94	125.46	4.08	616056.74	595950.86	
7139.00	16.02	313.37	7087.49	121.32	737.90	112.60	10.27	616069.70	595938.00	
7234.00	25.71	313.67	7176.15	151.82	761.19	88.11	10.20	616092.99	595913.51	
7238.24	26.21	313.71	7179.97	153.49	762.47	86.76	11.90	616094.27	595912.16	Cross HL 7238.24'MD
7328.00	36.89	314.32	7256.35	195.64	795.09	53.06	11.90	616126.89	595878.46	
7422.00	49.65	313.45	7324.65	253.52	839.61	6.68	13.59	616171.41	595832.08	
7517.00	61.63	316.25	7378.18	323.31	894.91	-48.71	12.84	616226.71	595776.69	
7612.00	70.44	318.54	7416.73	398.85	958.78	-107.37	9.53	616290.58	595718.03	
7706.00	80.66	319.46	7440.16	476.79	1027.40	-167.00	10.91	616359.20	595658.40	
7719.00	82.00	319.54	7442.12	487.75	1037.17	-175.34	10.33	616368.97	595650.06	
7734.00	83.53	319.62	7444.00	500.43	1048.50	-184.99	10.21	616380.30	595640.41	
7781.00	88.04	319.91	7447.46	540.29	1084.27	-215.26	9.62	616416.07	595610.14	
7828.00	88.11	317.40	7449.04	580.70	1119.53	-246.29	5.34	616451.33	595579.11	
7876.00	89.65	314.44	7449.98	623.12	1154.00	-279.67	6.95	616485.80	595545.73	
7923.00	90.42	311.90	7449.95	665.66	1186.16	-313.94	5.65	616517.96	595511.46	
7970.00	90.14	310.97	7449.72	708.79	1217.26	-349.18	2.07	616549.06	595476.22	
8017.00	90.92	309.85	7449.28	752.25	1247.72	-384.96	2.90	616579.52	595440.44	
8065.00	92.93	307.74	7447.67	797.10	1277.78	-422.35	6.07	616609.58	595403.05	
8112.00	92.73	305.03	7445.35	841.65	1305.62	-460.14	5.77	616637.42	595365.26	
8206.00	90.55	302.60	7442.66	932.06	1357.90	-538.19	3.47	616689.70	595287.21	
8300.00	90.91	298.86	7441.46	1023.73	1405.93	-618.97	4.00	616737.73	595206.43	
8395.00	93.23	296.33	7438.03	1117.34	1449.90	-703.10	3.61	616781.70	595122.30	
8489.00	95.13	294.58	7431.18	1210.29	1490.19	-787.74	2.74	616821.99	595037.66	
8583.00	95.67	291.83	7422.33	1303.48	1527.06	-873.74	2.97	616858.86	594951.66	
8678.00	95.05	288.15	7413.45	1398.00	1559.39	-962.61	3.91	616891.19	594862.79	
8772.00	94.83	282.52	7405.35	1491.51	1584.14	-1052.89	5.97	616915.94	594772.51	
8867.00	95.24	278.31	7397.01	1585.28	1601.25	-1145.94	4.44	616933.05	594679.46	
8962.00	94.23	276.81	7389.17	1678.38	1613.70	-1239.79	1.90	616945.50	594585.61	
9056.00	93.02	273.77	7383.22	1769.87	1622.35	-1333.19	3.47	616954.15	594492.21	

5D Survey Report

Survey Points: (Relative to Slot centre)(TVD relative to Well TVD Reference)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	DLS (°/100US ft)	Northing (US ft)	Easting (US ft)	Comment
9150.00	94.13	270.73	7377.36	1860.14	1626.03	-1426.93	3.44	616957.83	594398.47	
9245.00	95.63	270.68	7369.28	1950.50	1627.20	-1521.57	1.58	616959.00	594303.83	
9339.00	95.26	270.89	7360.36	2039.86	1628.48	-1615.14	0.45	616960.28	594210.26	
9434.00	94.49	271.59	7352.29	2130.48	1630.53	-1709.77	1.09	616962.33	594115.63	
9528.00	93.44	271.08	7345.79	2220.31	1632.71	-1803.52	1.24	616964.51	594021.88	
9622.00	93.58	269.29	7340.03	2309.61	1633.02	-1897.34	1.91	616964.82	593928.06	
9717.00	95.32	269.03	7332.66	2399.23	1631.63	-1992.04	1.85	616963.43	593833.36	
9811.00	94.18	269.66	7324.88	2487.97	1630.56	-2085.71	1.38	616962.36	593739.69	
9905.00	92.37	269.37	7319.51	2576.95	1629.76	-2179.55	1.95	616961.56	593645.85	
10000.00	93.29	269.04	7314.82	2666.76	1628.45	-2274.42	1.03	616960.25	593550.98	
10094.00	92.27	269.86	7310.26	2755.76	1627.55	-2368.30	1.39	616959.35	593457.10	
10189.00	90.82	270.43	7307.70	2846.13	1627.79	-2463.26	1.64	616959.59	593362.14	
10283.00	92.51	270.26	7304.96	2935.65	1628.35	-2557.22	1.81	616960.15	593268.18	
10377.00	91.82	270.36	7301.41	3025.12	1628.86	-2651.15	0.74	616960.66	593174.25	
10472.00	90.18	270.15	7299.76	3115.57	1629.28	-2746.13	1.74	616961.08	593079.27	
10566.00	91.74	269.92	7298.18	3204.96	1629.34	-2840.12	1.68	616961.14	592985.28	
10660.00	90.22	270.85	7296.57	3294.52	1629.97	-2934.10	1.90	616961.77	592891.30	
10755.00	90.61	271.02	7295.88	3385.32	1631.52	-3029.08	0.45	616963.32	592796.32	
10849.00	92.19	271.07	7293.59	3475.19	1633.24	-3123.03	1.68	616965.04	592702.37	
10944.00	92.10	270.16	7290.03	3565.77	1634.25	-3217.96	0.96	616966.05	592607.44	
11038.00	93.01	270.08	7285.84	3655.12	1634.45	-3311.87	0.97	616966.25	592513.53	
11132.00	91.51	269.42	7282.14	3744.31	1634.04	-3405.79	1.74	616965.84	592419.61	
11227.00	90.55	267.44	7280.43	3833.78	1631.44	-3500.73	2.32	616963.24	592324.67	
11322.00	91.77	268.22	7278.50	3922.92	1627.84	-3595.64	1.52	616959.64	592229.76	
11416.00	92.09	268.30	7275.34	4011.33	1624.99	-3689.55	0.35	616956.79	592135.85	
11511.00	93.15	268.75	7271.00	4100.78	1622.55	-3784.41	1.21	616954.35	592040.99	
11605.00	92.44	269.69	7266.41	4189.65	1621.27	-3878.29	1.25	616953.07	591947.11	
11700.00	93.81	271.26	7261.23	4280.09	1622.05	-3973.14	2.19	616953.85	591852.26	
11794.00	94.15	271.80	7254.71	4370.00	1624.56	-4066.88	0.68	616956.36	591758.52	
11889.00	94.06	271.19	7247.91	4460.84	1627.03	-4161.60	0.65	616958.83	591663.80	
11983.00	93.50	269.53	7241.71	4550.20	1627.62	-4255.39	1.86	616959.42	591570.01	
12078.00	93.81	268.39	7235.65	4639.81	1625.90	-4350.18	1.24	616957.70	591475.22	
12172.00	95.03	268.36	7228.41	4728.06	1623.24	-4443.86	1.30	616955.04	591381.54	
12267.00	93.16	268.65	7221.63	4817.37	1620.77	-4538.59	1.99	616952.57	591286.81	
12361.00	93.83	268.55	7215.90	4905.85	1618.48	-4632.38	0.72	616950.28	591193.02	
12456.00	94.84	269.02	7208.72	4995.28	1616.47	-4727.09	1.17	616948.27	591098.31	
12550.00	93.99	268.72	7201.48	5083.81	1614.62	-4820.79	0.96	616946.42	591004.61	
12603.00	94.64	269.05	7197.49	5133.74	1613.59	-4873.63	1.37	616945.39	590951.77	Last WFT SVY
12611.22	94.64	269.05	7196.83	5141.49	1613.46	-4881.82	0.00	616945.26	590943.58	Cross HL 12611.22'MD
12665.00	94.64	269.05	7192.48	5192.18	1612.57	-4935.42	0.00	616944.37	590889.98	PTB

Submit a 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

WELL API NO.	
5. Indicate Type of Lease STATE ☐ FEE ☐	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	
8. Well Number	
9. OGRID Number	
10. Pool name or Wildcat	
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	
3. Address of Operator	
4. Well Location Unit Letter _____: _____ feet from the _____ line and _____ feet from the _____ line Section _____ Township _____ Range _____ NMPM _____ County _____	
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	

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.

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 alicia fulton TITLE _____ DATE _____

Type or print name _____ E-mail address: _____ PHONE: _____

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 July 17, 2008				
WELL COMPLETION OR RECOMPLETION REPORT AND LOG								1. WELL API NO. 30-015-45802		
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 PALMILLO 3 STATE COM		
								6. Well Number: 244H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator Apache Corporation						9. OGRID 873				
10. Address of Operator 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705						11. Pool name or Wildcat PALMILLO BONE SPRING SOUTHWEST				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	H	3	19S	28E		2050	N	180	E	EDDY
BH:	4	3	19S	28E		373	N	46	W	EDDY
13. Date Spudded 02/05/2020	14. Date T.D. Reached 02/16/2020		15. Date Rig Released 02/17/2020			16. Date Completed (Ready to Produce) 04/20/2021		17. Elevations (DF and RKB, RT, GR, etc.)		
18. Total Measured Depth of Well 12665			19. Plug Back Measured Depth 12616			20. Was Directional Survey Made? Y		21. Type Electric and Other Logs Run		
22. Producing Interval(s), of this completion - Top, Bottom, Name 7662-12546										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13 3/8				374		17 1/2		400SX		
9 5/8				3026		12 1/4		980SX		
5 1/2				12665		8 3/4		1920 SX		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET	PACKER SET		
						3.67	7218			
26. Perforation record (interval, size, and number) 7662-12546						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						7662-12546		FRAC W/TOTAL PROPPANT 7,648,270LBS TOTAL LIQUID 185,550 BBL		
28. PRODUCTION										
Date First Production 04/20/2021		Production Method (Flowing, gas lift, pumping - Size and type pump) GAS LIFT				Well Status (Prod. or Shut-in) PROD				
Date of Test 05/15/2021	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 1310	Gas - MCF 1976	Water - Bbl. 1649	Gas - Oil Ratio			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 40				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold								30. Test Witnessed By Apache Corp.		
31. List Attachments Inclination Report, C-102, C-103, C-104										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial:										
				Latitude		Longitude		NAD 1927 1983		
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature <i>alicia fulton</i>				Printed Name Alicia Fulton		Title Sr. Regulatory Analyst		Date 06/02/2021		
E-mail Address alicia.fulton@apachecorp.com										

INSTRUCTIONS

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

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates 803	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers 1147	T. Devonian	T. Cliff House	T. Leadville
T. Queen 1677	T. Silurian	T. Menefee	T. Madison
T. Grayburg 2037	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 2497	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs 3599	T. Todilto	
T. Abo	T. Rustler	T. Entrada	
T. Wolfcamp	T. Tansill	T. Wingate	
T. Penn	T. Penrose	T. Chinle	
T. Cisco (Bough C)	T. Bowers-SD	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
6317			first bone spring				

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Sarah Cottrell Propst
Cabinet Secretary

Todd E. Leahy, JD, PhD
Deputy Cabinet Secretary

Adrienne E. Sandoval, Director
Oil Conservation Division



November 4th, 2021

Mr. Brian Wood,
brian@permitswest.com

NON-STANDARD LOCATION

Administrative Order NSL-8247

**Apache Corporation [OGRID 873]
Palmillo 3 State Com Well No. 244H
API No. 30-015-45802**

Proposed Location

	<u>Footages</u>	<u>Unit/Lot</u>	<u>Sec.</u>	<u>Twsp</u>	<u>Range</u>	<u>County</u>
Surface	2050 FNL & 180 FEL	H	3	19S	28E	Eddy
First Take Point	1082 FNL & 303 FEL	A	3	19S	28E	Eddy
Last Take Point	372 FNL & 165 FWL	D	3	19S	28E	Eddy
Terminus	373 FSL & 46 FWL	D	3	19S	28E	Eddy

Proposed Horizontal Units

<u>Description</u>	<u>Acres</u>	<u>Pool</u>	<u>Pool Code</u>
N/2 N/2 of section 3	161.72	Palmillo; Bone Spring, SW	96413

Reference is made to your application received on October 14th, 2021.

You have requested to drill this horizontal well at an unorthodox oil well location described above in the referenced pool or formation. 19.15.16.15(B)(1)(a) NMAC governs this proposed well and provides that the operator shall dedicate to each horizontal oil well a standard horizontal spacing unit that comprises of one or more contiguous tracts that the horizontal well's completed interval penetrates, each of which consists of a governmental quarter - quarter section or equivalent.

This well's completed interval is as close as 238 feet to the southeastern edge of the horizontal spacing unit. Encroachment will impact the following tracts.

Section 3, encroachment to the SE/4 NE/4

The Division understands you have given notice of this application to all operators or owners who are "affected persons," as defined in 19.15.2.7(A)(8) NMAC, in all adjoining units towards which the proposed location encroaches.

Administrative Order NSL-8247
Apache Corporation
November 4th, 2021
Page 2 of 2

Division understands you are seeking this unorthodox location due to miscues in the drilling and completion of this well within the Bone Spring formation underlying N/2 N/2 of section 3.

Your application has been filed under 19.15.16.15(C)(6) NMAC, 19.15.15.13 NMAC and 19.15.4.12 (A)(2) NMAC.

Per 19.15.15.13 (B) NMAC, **Division approves this unorthodox location.**

The above approvals are subject to your following all other applicable Division rules.

Jurisdiction of this case is retained for the entry of further orders as Division deems necessary.



ADRIENNE E. SANDOVAL
Division Director

AES/lrl

cc: State Land Office – Oil, Gas, and Minerals Division

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

ACKNOWLEDGMENTS

Action 73413

ACKNOWLEDGMENTS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 73413
	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.

District I
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Phone:(575) 393-6161 Fax:(575) 393-0720
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1000 Rio Brazos Rd., Aztec, NM 87410
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Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 73413

CONDITIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 73413
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	1/21/2022