

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

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		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: KURT SIMMONS		
Title:			Title: NMOCD, SANTA FE		
E-mail Address:			Approval Date: 07/22/2021		
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

as drilled

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 30-015-46204	² Pool Code 37920	³ Pool Name Leo; Bone Spring South
⁴ Property Code 316024	⁵ Property Name SALT FORK 3-4 FEDERAL COM	
⁶ Well Number 302H		
⁷ OGRID NO. 873	⁸ Operator Name APACHE CORPORATION	⁹ Elevation 3441'

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
G	3	19S	30E		2438	NORTH	1517	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
M	4	19S	30E		738	SOUTH	51	WEST	EDDY

¹² Dedicated Acres 240	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.

¹⁶ GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION (SL) N 6144947.3 - E 657372.5 LAT: 32.6899666° N LONG: 103.9561620° W KICK OFF POINT (KOP) 2447'FSL - 1592'FWL (SEC.3) N 614542.4 - E 657299.0 LAT: 32.6888545° N LONG: 103.9564054° W MD: 8896.2 - TVD: 8816.6 FIRST TAKE POINT (FTP) 920'FSL - 2540'FWL (SEC.3) N 613012.8 - E 656155.7 LAT: 32.6846611° N LONG: 103.9601390° W MD: 11290.0 - TVD: 9602.5		LAST TAKE POINT (LTP) 736'FSL - 100'FWL (SEC.4) N 612807.4 - E 648438.4 LAT: 32.6841687° N LONG: 103.9852246° W MD: 19040.9 - TVD: 9598.5 BOTTOM HOLE (BH) N 612809.2 - E 648389.4 LAT: 32.6841739° N LONG: 103.9853837° W MD: 19090.0 - TVD: 9595.5 CORNER DATA NAD 83 GRID - NM EAST A: FOUND BRASS CAP (BROKEN) N 612071.1 - E 648340.5 B: FOUND BRASS CAP (BROKEN) N 614709.7 - E 648332.3 C: FOUND BRASS CAP "1916" N 617367.7 - E 648325.2 D: FOUND BRASS CAP "1916" N 617372.6 - E 650962.1		E: FOUND BRASS CAP "1916" N 617377.4 - E 653602.9 F: FOUND BRASS CAP "1916" N 617382.6 - E 656242.3 G: FOUND BRASS CAP "1916" N 617388.5 - E 658881.0 H: FOUND BRASS CAP "1916" N 614738.2 - E 658890.3 I: FOUND BRASS CAP "1916" N 612099.6 - E 658899.1 J: FOUND BRASS CAP "1916" N 612093.6 - E 656258.5 K: FOUND BRASS CAP "1916" N 612087.5 - E 653618.7 L: FOUND BRASS CAP (BROKEN) N 612081.5 - E 650977.6 M: FOUND BRASS CAP "1916" N 614727.4 - E 653610.7		¹⁷ OPERATOR 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 <i>alicia fulton</i> 4/8/2021 Alicia Fulton Printed Name alicia.fulton@apachecorp.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 and correct to the best of my belief. 10-22-2018 Date of Survey Signature and Seal of Professional Surveyor 10034 Certificate Number REV: 04/15/20 AS DRILL		19 Job No.: LS18101201AD					

5D Survey Report



5D Survey Report

Apache Corporation

Field Name: *Apache NM (Nad 83 NMEZ)*
Site Name: *Salt Fork 3-4 FC Pad (101,102,301,302)*
Well Name: *Salt Fork 3-4 Federal COM 302H*
File number: *13931065*
Survey: *Definitive survey*

17 March 2020



5D Survey Report



Salt Fork 3-4 Federal COM 302H

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: Salt Fork 3-4 FC Pad (101,102,301,302)	Units: US ft	North Reference: Grid	Convergence Angle: 0.20
	Position:	Northing: 614346.60 US ft	Latitude: 32.688329777
		Easting: 655888.70 US ft	Longitude: -103.960991713
	Elevation above MSL: 3410.00 US ft		
	Comment: Eddy Co., New Mexico		

Slot: Salt Fork 3-4 Federal COM 302H	Position (Relative to Site Centre)		
	+N/-S: 600.70 US ft	Northing: 614947.30 US ft	Latitude: 32.689966480
	+E/-W: 1483.80 US ft	Easting: 657372.50 US ft	Longitude: -103.956161860
	Slot TVD Reference: Ground Elevation		
	Elevation above MSL: 3441.00 US ft		
	Comment:		

Well: Salt Fork 3-4 Federal COM 302H	Type: Main well	UWI:
	File Number: 13931065	Comment:
	Closure Distance: 9236.24 US ft	Closure Azimuth: 256.56°
	Vertical Section: Position of Origin (Relative to Slot centre)	
	+N/-S: 0.00 US ft	+E/-W: 0.00 US ft
	Az: 256.44°	

Drill floor: Survey Name: Definitive Survey

Rig Height (Well TVD Reference): Elevation above MSL: 3467.00 US ft **Inclination:** 0.00° **Azimuth:** 0.00°
26.00 US ft

Survey Name: Definitive Survey

Date: 13/Apr/2018 **Survey Tool:** See Survey Tool Ranges below. **Comment:** **Company:**

Magnetic Model:

Model Name: IFR **Date:** 15/Jan/2020 **Field Strength:** 48061.0 nT **Declination:** 7.32° **Dip:** 60.50°

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
GYRO_GC_WIR+DPIPE_GYD	0.00	8896.20	Gyro
MWD+IFR1+SAG+FDIR	8896.20	16417.00	WFT MWD+IFR1+SAG+FDIR_Corrected
MWD+IFR1+SAG+FDIR	16417.00	19090.00	WFT MWD+IFR1+SAG+FDIR_14

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	521.00	0.44	45.96	520.99	3.65	0.02	614950.95	657372.52
9 5/8 in	3990.00	0.80	176.77	3989.92	1.48	-1.55	614948.78	657370.95

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	614947.30	657372.50		
77.90	0.46	351.47	77.90	-0.03	0.31	-0.05	0.59	614947.61	657372.45		
165.49	0.56	350.51	165.49	-0.09	1.08	-0.17	0.11	614948.38	657372.33		
253.80	0.46	352.01	253.79	-0.15	1.86	-0.29	0.11	614949.16	657372.21		
341.32	0.40	355.39	341.31	-0.24	2.51	-0.36	0.07	614949.81	657372.14		
427.47	0.39	13.79	427.46	-0.42	3.09	-0.32	0.15	614950.39	657372.18		
516.63	0.44	45.55	516.62	-0.85	3.63	-0.00	0.26	614950.93	657372.50		
609.38	0.36	56.10	609.36	-1.43	4.04	0.50	0.12	614951.34	657373.00		
698.46	0.09	277.68	698.44	-1.63	4.20	0.66	0.48	614951.50	657373.16		
787.97	0.25	246.78	787.95	-1.37	4.14	0.41	0.20	614951.44	657372.91		
876.98	0.30	248.66	876.96	-0.95	3.98	0.01	0.06	614951.28	657372.51		
967.64	0.25	258.06	967.62	-0.51	3.85	-0.40	0.07	614951.15	657372.10		
1058.29	0.21	265.57	1058.27	-0.15	3.79	-0.76	0.06	614951.09	657371.74		
1149.20	0.21	277.17	1149.18	0.17	3.80	-1.09	0.05	614951.10	657371.41		
1239.38	0.21	287.12	1239.36	0.47	3.87	-1.41	0.04	614951.17	657371.09		
1329.54	0.24	286.45	1329.52	0.77	3.97	-1.75	0.03	614951.27	657370.75		
1420.56	0.19	289.57	1420.54	1.06	4.08	-2.08	0.06	614951.38	657370.42		
1509.90	0.02	245.11	1509.88	1.20	4.12	-2.23	0.20	614951.42	657370.27		
1601.17	0.18	151.76	1601.15	1.18	3.99	-2.18	0.20	614951.29	657370.32		
1691.41	0.22	148.18	1691.39	1.09	3.72	-2.02	0.05	614951.02	657370.48		
1780.14	0.33	144.40	1780.12	0.94	3.36	-1.78	0.13	614950.66	657370.72		
1870.70	0.38	138.25	1870.67	0.70	2.93	-1.43	0.07	614950.23	657371.07		
1961.50	0.37	136.90	1961.47	0.42	2.49	-1.03	0.01	614949.79	657371.47		
2052.54	0.32	140.91	2052.51	0.16	2.08	-0.67	0.06	614949.38	657371.83		
2146.79	0.25	139.53	2146.76	-0.05	1.72	-0.37	0.07	614949.02	657372.13		
2240.88	0.17	172.52	2240.85	-0.12	1.42	-0.22	0.15	614948.72	657372.28		
2334.89	0.19	186.60	2334.86	-0.05	1.13	-0.22	0.05	614948.43	657372.28		
2428.93	0.23	185.99	2428.90	0.06	0.79	-0.25	0.04	614948.09	657372.25		
2523.19	0.31	182.94	2523.16	0.20	0.34	-0.29	0.09	614947.64	657372.21		
2617.25	0.25	180.32	2617.21	0.32	-0.12	-0.30	0.07	614947.18	657372.20		
2711.18	0.22	192.56	2711.14	0.45	-0.50	-0.34	0.06	614946.80	657372.16		
2805.51	0.32	291.14	2805.47	0.74	-0.58	-0.63	0.44	614946.72	657371.87		
2899.91	0.49	296.37	2899.87	1.27	-0.30	-1.23	0.18	614947.00	657371.27		
2994.12	0.57	293.32	2994.08	1.95	0.06	-2.02	0.09	614947.36	657370.48		
3088.29	0.57	294.81	3088.24	2.70	0.44	-2.88	0.02	614947.74	657369.62		
3182.60	0.40	333.82	3182.55	3.14	0.93	-3.45	0.38	614948.23	657369.05		
3277.04	0.51	8.04	3276.99	3.05	1.65	-3.54	0.30	614948.95	657368.96		
3370.97	0.54	9.07	3370.91	2.73	2.50	-3.41	0.03	614949.80	657369.09		
3464.82	0.61	4.91	3464.76	2.40	3.43	-3.30	0.09	614950.73	657369.20		
3559.23	0.31	47.37	3559.16	2.02	4.11	-3.07	0.46	614951.41	657369.43		
3653.56	0.25	119.20	3653.49	1.64	4.18	-2.70	0.35	614951.48	657369.80		
3747.66	0.31	128.11	3747.59	1.34	3.92	-2.32	0.08	614951.22	657370.18		
3841.73	0.58	157.61	3841.66	1.10	3.32	-1.94	0.37	614950.62	657370.56		
3936.08	0.81	169.71	3936.00	1.07	2.23	-1.64	0.29	614949.53	657370.86		
4030.25	0.80	182.10	4030.16	1.28	0.91	-1.54	0.18	614948.21	657370.96		

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
4124.57	2.03	192.12	4124.45	2.19	-1.38	-1.92	1.33	614945.92	657370.58	
4218.66	4.11	186.17	4218.40	4.05	-6.36	-2.63	2.23	614940.94	657369.87	
4313.09	5.71	186.82	4312.48	6.83	-14.39	-3.55	1.70	614932.91	657368.95	
4407.39	6.27	187.60	4406.27	10.32	-24.15	-4.79	0.60	614923.15	657367.71	
4501.34	5.06	188.47	4499.76	13.72	-33.33	-6.08	1.29	614913.97	657366.42	
4595.77	4.88	188.89	4593.83	16.82	-41.42	-7.31	0.19	614905.88	657365.19	
4689.68	4.20	190.07	4687.45	19.72	-48.75	-8.53	0.73	614898.55	657363.97	
4783.91	4.84	186.11	4781.38	22.44	-56.10	-9.56	0.76	614891.20	657362.94	
4878.00	5.31	181.27	4875.11	24.90	-64.40	-10.08	0.68	614882.90	657362.42	
4972.67	5.45	189.10	4969.36	27.75	-73.22	-10.88	0.79	614874.08	657361.62	
5066.88	5.59	190.86	5063.13	31.37	-82.15	-12.46	0.23	614865.15	657360.04	
5160.91	5.74	189.49	5156.70	35.10	-91.28	-14.09	0.21	614856.02	657358.41	
5255.26	5.79	186.87	5250.58	38.61	-100.66	-15.44	0.28	614846.64	657357.06	
5349.74	6.10	185.53	5344.55	41.92	-110.39	-16.49	0.36	614836.91	657356.01	
5443.83	5.56	180.48	5438.15	44.66	-119.92	-17.01	0.79	614827.38	657355.49	
5538.14	5.19	182.96	5532.05	46.98	-128.75	-17.27	0.46	614818.55	657355.23	
5632.45	4.76	192.86	5626.00	49.93	-136.83	-18.36	1.02	614810.47	657354.14	
5726.51	4.88	197.45	5719.73	53.73	-144.45	-20.43	0.43	614802.85	657352.07	
5820.65	4.60	194.78	5813.55	57.59	-151.92	-22.60	0.38	614795.38	657349.90	
5914.56	4.70	194.33	5907.15	61.17	-159.29	-24.51	0.11	614788.01	657347.99	
6008.74	4.58	192.63	6001.02	64.64	-166.69	-26.29	0.19	614780.61	657346.21	
6102.70	4.61	191.71	6094.68	67.91	-174.05	-27.87	0.08	614773.25	657344.63	
6196.76	4.29	188.46	6188.46	70.84	-181.23	-29.16	0.43	614766.07	657343.34	
6291.31	4.23	191.69	6282.74	73.65	-188.15	-30.39	0.26	614759.15	657342.11	
6385.52	4.27	195.29	6376.70	76.83	-194.93	-32.01	0.29	614752.37	657340.49	
6479.83	4.88	194.33	6470.71	80.40	-202.21	-33.93	0.65	614745.09	657338.57	
6573.73	5.01	193.51	6564.26	84.13	-210.06	-35.88	0.16	614737.24	657336.62	
6668.02	4.92	192.61	6658.19	87.79	-218.01	-37.72	0.13	614729.29	657334.78	
6762.31	5.01	192.94	6752.13	91.41	-225.97	-39.53	0.10	614721.33	657332.97	
6856.74	4.88	191.31	6846.21	94.94	-233.93	-41.24	0.20	614713.37	657331.26	
6950.86	4.94	190.01	6939.98	98.24	-241.84	-42.73	0.13	614705.46	657329.77	
7044.98	4.49	184.25	7033.78	100.99	-249.51	-43.71	0.69	614697.79	657328.79	
7139.48	4.55	185.99	7127.99	103.37	-256.92	-44.37	0.16	614690.38	657328.13	
7233.91	4.78	186.79	7222.11	106.00	-264.56	-45.23	0.25	614682.74	657327.27	
7328.04	5.02	188.76	7315.89	108.92	-272.52	-46.32	0.31	614674.78	657326.18	
7422.38	5.09	190.66	7409.87	112.21	-280.71	-47.72	0.19	614666.59	657324.78	
7516.45	4.77	192.29	7503.59	115.63	-288.64	-49.33	0.37	614658.66	657323.17	
7610.82	4.96	195.61	7597.62	119.32	-296.40	-51.26	0.36	614650.90	657321.24	
7704.73	5.00	198.79	7691.17	123.49	-304.18	-53.67	0.30	614643.12	657318.83	
7798.61	4.94	194.90	7784.70	127.61	-311.96	-56.03	0.36	614635.34	657316.47	
7892.97	5.41	198.74	7878.68	131.92	-320.10	-58.50	0.62	614627.20	657314.00	
7986.98	4.89	192.77	7972.31	136.07	-328.21	-60.81	0.79	614619.09	657311.69	
8081.32	4.39	185.81	8066.34	139.05	-335.72	-62.06	0.80	614611.58	657310.44	
8175.55	4.86	184.51	8160.26	141.48	-343.29	-62.74	0.51	614604.01	657309.76	
8269.93	5.18	194.42	8254.28	144.72	-351.40	-64.12	0.98	614595.90	657308.38	
8363.88	5.66	198.05	8347.81	149.14	-359.91	-66.61	0.63	614587.39	657305.89	
8457.85	4.46	187.52	8441.41	152.88	-367.94	-68.52	1.61	614579.36	657303.98	
8552.08	4.57	183.51	8535.35	155.30	-375.32	-69.23	0.35	614571.98	657303.27	
8646.02	5.09	190.23	8628.96	158.08	-383.16	-70.20	0.82	614564.14	657302.30	
8740.25	4.98	187.81	8722.83	161.26	-391.32	-71.50	0.25	614555.98	657301.00	
8834.39	5.04	191.62	8816.61	164.51	-399.42	-72.89	0.36	614547.88	657299.61	
8896.20	5.08	181.22	8878.18	166.36	-404.81	-73.49	1.48	614542.49	657299.01	Tie On Gyrodata
9043.00	5.45	189.34	9024.36	170.73	-418.19	-74.76	0.57	614529.11	657297.74	
9090.00	8.32	196.66	9071.02	173.31	-423.65	-76.10	6.37	614523.65	657296.40	
9137.00	14.85	203.08	9117.04	178.62	-432.46	-79.44	14.14	614514.84	657293.06	
9184.00	22.00	205.64	9161.60	187.79	-445.96	-85.62	15.31	614501.34	657286.88	
9232.00	26.44	205.46	9205.36	200.21	-463.72	-94.11	9.25	614483.58	657278.39	
9279.00	30.14	204.66	9246.74	214.10	-483.90	-103.53	7.91	614463.40	657268.97	

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
9326.00	33.34	203.38	9286.71	229.17	-506.48	-113.58	6.96	614440.82	657258.92	
9373.00	37.01	202.16	9325.12	245.20	-531.45	-124.05	7.95	614415.85	657248.45	
9420.00	41.12	201.07	9361.60	262.24	-558.98	-134.95	8.87	614388.32	657237.55	
9467.00	45.37	200.67	9395.83	280.44	-589.06	-146.41	9.06	614358.24	657226.09	
9514.00	50.20	200.27	9427.40	299.91	-621.67	-158.58	10.30	614325.63	657213.92	
9561.00	54.25	200.05	9456.19	320.53	-656.53	-171.37	8.62	614290.77	657201.13	
9608.00	57.91	200.53	9482.41	342.25	-693.11	-184.90	7.83	614254.19	657187.60	
9655.00	61.64	201.65	9506.07	365.35	-730.99	-199.52	8.20	614216.31	657172.98	
9702.00	65.46	202.25	9527.00	389.79	-770.01	-215.25	8.21	614177.29	657157.25	
9749.00	70.36	202.68	9544.67	415.39	-810.24	-231.89	10.46	614137.06	657140.61	
9796.00	75.06	202.78	9558.63	441.95	-851.62	-249.22	10.00	614095.68	657123.28	
9843.00	78.80	202.52	9569.26	468.99	-893.86	-266.85	7.98	614053.44	657105.65	
9890.00	82.20	202.15	9577.02	496.16	-936.74	-284.46	7.28	614010.56	657088.04	
9902.00	83.13	202.25	9578.55	503.12	-947.76	-288.96	7.79	613999.54	657083.54	
9997.00	87.20	205.43	9586.55	560.60	-1034.31	-327.21	5.43	613912.99	657045.29	
10091.00	89.09	207.92	9589.60	621.28	-1118.25	-369.39	3.32	613829.05	657003.11	
10185.00	89.72	211.01	9590.57	685.40	-1200.08	-415.62	3.35	613747.22	656956.88	
10279.00	89.92	212.44	9590.87	752.20	-1280.03	-465.04	1.54	613667.27	656907.46	
10373.00	88.81	214.73	9591.91	821.10	-1358.32	-517.03	2.71	613588.98	656855.47	
10467.00	89.09	218.77	9593.63	893.41	-1433.61	-573.25	4.31	613513.69	656799.25	
10561.00	88.88	222.16	9595.30	969.45	-1505.11	-634.24	3.61	613442.19	656738.26	
10655.00	89.15	224.69	9596.92	1048.26	-1573.36	-698.84	2.71	613373.94	656673.66	
10749.00	89.02	227.37	9598.42	1129.31	-1638.61	-766.48	2.85	613308.69	656606.02	
10843.00	89.23	230.74	9599.85	1212.75	-1700.20	-837.46	3.59	613247.10	656535.04	
10937.00	89.72	235.04	9600.72	1298.90	-1756.89	-912.40	4.60	613190.41	656460.10	
11032.00	89.02	237.63	9601.76	1388.10	-1809.55	-991.46	2.82	613137.75	656381.04	
11125.00	89.92	240.12	9602.62	1476.75	-1857.61	-1071.06	2.85	613089.69	656301.44	
11220.00	89.85	242.40	9602.81	1568.43	-1903.29	-1154.35	2.40	613044.01	656218.15	
11314.00	90.77	244.53	9602.30	1660.02	-1945.28	-1238.44	2.47	613002.02	656134.06	
11408.00	89.71	245.93	9601.91	1752.22	-1984.66	-1323.79	1.87	612962.64	656048.71	
11502.00	89.01	248.39	9602.96	1844.98	-2021.14	-1410.41	2.72	612926.16	655962.09	
11596.00	90.14	252.58	9603.66	1938.45	-2052.54	-1498.99	4.62	612894.76	655873.51	
11691.00	90.63	256.62	9603.02	2033.38	-2077.76	-1590.55	4.28	612869.54	655781.95	
11785.00	89.72	259.33	9602.73	2127.33	-2097.34	-1682.48	3.04	612849.96	655690.02	
11879.00	90.00	261.95	9602.96	2221.07	-2112.63	-1775.22	2.80	612834.67	655597.28	
11973.00	88.85	264.50	9603.90	2314.40	-2123.71	-1868.55	2.98	612823.59	655503.95	
12067.00	88.54	266.77	9606.05	2407.16	-2130.87	-1962.25	2.44	612816.43	655410.25	
12161.00	88.19	269.30	9608.73	2499.20	-2134.09	-2056.15	2.72	612813.21	655316.35	
12240.00	87.44	270.40	9611.74	2575.99	-2134.30	-2135.09	1.68	612813.00	655237.41	
12349.00	90.66	269.84	9613.55	2681.86	-2134.07	-2244.06	3.00	612813.23	655128.44	
12443.00	91.75	269.74	9611.57	2773.30	-2134.41	-2338.03	1.16	612812.89	655034.47	
12537.00	92.29	268.36	9608.26	2864.98	-2135.97	-2431.96	1.58	612811.33	654940.54	
12631.00	91.15	269.84	9605.43	2956.64	-2137.44	-2525.90	1.99	612809.86	654846.60	
12726.00	91.73	271.12	9603.05	3048.78	-2136.65	-2620.87	1.48	612810.65	654751.63	
12833.00	91.54	270.48	9599.99	3152.39	-2135.16	-2727.81	0.62	612812.14	654644.69	
12927.00	91.96	271.64	9597.12	3243.30	-2133.42	-2821.75	1.31	612813.88	654550.75	
13021.00	90.98	270.63	9594.71	3334.19	-2131.56	-2915.70	1.50	612815.74	654456.80	
13115.00	90.70	269.60	9593.33	3425.52	-2131.37	-3009.69	1.14	612815.93	654362.81	
13209.00	90.35	268.94	9592.47	3517.17	-2132.57	-3103.67	0.79	612814.73	654268.83	
13303.00	91.26	270.05	9591.15	3608.73	-2133.39	-3197.66	1.53	612813.91	654174.84	
13397.00	89.02	270.34	9590.92	3700.02	-2133.07	-3291.65	2.40	612814.23	654080.85	
13491.00	89.30	269.62	9592.30	3791.40	-2133.11	-3385.64	0.82	612814.19	653986.86	
13585.00	89.16	269.89	9593.56	3882.87	-2133.51	-3479.63	0.32	612813.79	653892.87	
13679.00	89.43	271.33	9594.72	3974.00	-2132.51	-3573.62	1.56	612814.79	653798.88	
13773.00	88.86	270.36	9596.12	4065.03	-2131.12	-3667.59	1.20	612816.18	653704.91	
13867.00	89.43	268.57	9597.53	4156.60	-2132.00	-3761.58	2.00	612815.30	653610.92	
13962.00	90.63	267.71	9597.48	4249.62	-2135.08	-3856.52	1.55	612812.22	653515.98	
14056.00	90.70	267.54	9596.39	4341.83	-2138.98	-3950.44	0.20	612808.32	653422.06	
14150.00	91.75	267.70	9594.38	4434.02	-2142.88	-4044.33	1.13	612804.42	653328.17	

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
14244.00	90.00	268.09	9592.94	4526.14	-2146.33	-4138.25	1.91	612800.97	653234.25	
14339.00	89.43	268.01	9593.41	4619.19	-2149.57	-4233.20	0.61	612797.73	653139.30	
14433.00	89.43	268.95	9594.35	4711.12	-2152.06	-4327.16	1.00	612795.24	653045.34	
14527.00	89.43	269.24	9595.28	4802.83	-2153.54	-4421.14	0.31	612793.76	652951.36	
14629.00	89.96	269.09	9595.83	4902.32	-2155.03	-4523.13	0.54	612792.27	652849.37	
14723.00	88.91	268.59	9596.75	4994.12	-2156.93	-4617.10	1.24	612790.37	652755.40	
14817.00	90.54	269.77	9597.20	5085.80	-2158.28	-4711.09	2.14	612789.02	652661.41	
14911.00	90.50	269.93	9596.35	5177.24	-2158.52	-4805.08	0.18	612788.78	652567.42	
15005.00	90.84	269.41	9595.25	5268.74	-2159.07	-4899.08	0.66	612788.23	652473.42	
15099.00	90.51	269.96	9594.14	5360.23	-2159.58	-4993.07	0.68	612787.72	652379.43	
15194.00	90.50	270.12	9593.31	5452.56	-2159.52	-5088.06	0.17	612787.78	652284.44	
15288.00	90.57	269.64	9592.43	5543.98	-2159.71	-5182.06	0.52	612787.59	652190.44	
15382.00	90.53	269.80	9591.53	5635.46	-2160.17	-5276.05	0.18	612787.13	652096.45	
15476.00	91.58	270.11	9589.80	5726.84	-2160.25	-5370.04	1.16	612787.05	652002.46	
15571.00	89.58	270.22	9588.83	5819.12	-2159.97	-5465.03	2.11	612787.33	651907.47	
15665.00	89.57	270.55	9589.53	5910.35	-2159.34	-5559.02	0.35	612787.96	651813.48	
15759.00	90.57	270.27	9589.42	6001.57	-2158.67	-5653.02	1.10	612788.63	651719.48	
15853.00	89.05	270.68	9589.73	6092.76	-2157.89	-5747.01	1.67	612789.41	651625.49	
15947.00	89.00	270.09	9591.33	6183.97	-2157.26	-5840.99	0.63	612790.04	651531.51	
16041.00	89.23	269.26	9592.78	6275.47	-2157.79	-5934.98	0.92	612789.51	651437.52	
16135.00	89.55	268.71	9593.78	6367.22	-2159.46	-6028.96	0.68	612787.84	651343.54	
16229.00	89.63	268.46	9594.45	6459.11	-2161.78	-6122.93	0.28	612785.52	651249.57	
16323.00	90.06	268.18	9594.71	6551.10	-2164.53	-6216.89	0.55	612782.77	651155.61	
16417.00	90.14	269.81	9594.54	6642.84	-2166.18	-6310.87	1.74	612781.12	651061.63	
16504.00	90.14	269.64	9594.33	6727.52	-2166.60	-6397.87	0.20	612780.70	650974.63	
16598.00	90.91	269.13	9593.47	6819.12	-2167.61	-6491.86	0.98	612779.69	650880.64	
16692.00	90.91	270.03	9591.98	6910.65	-2168.30	-6585.84	0.96	612779.00	650786.66	
16786.00	90.63	270.50	9590.71	7001.92	-2167.86	-6679.83	0.58	612779.44	650692.67	
16881.00	90.56	270.46	9589.73	7094.07	-2167.07	-6774.82	0.08	612780.23	650597.68	
16975.00	89.86	270.65	9589.38	7185.23	-2166.16	-6868.82	0.77	612781.14	650503.68	
17069.00	89.72	270.65	9589.73	7276.36	-2165.09	-6962.81	0.15	612782.21	650409.69	
17163.00	89.02	270.27	9590.76	7367.55	-2164.33	-7056.80	0.85	612782.97	650315.70	
17257.00	89.16	269.91	9592.25	7458.88	-2164.19	-7150.79	0.41	612783.11	650221.71	
17351.00	89.51	270.07	9593.34	7550.26	-2164.20	-7244.78	0.41	612783.10	650127.72	
17445.00	89.86	270.07	9593.86	7641.61	-2164.09	-7338.78	0.37	612783.21	650033.72	
17539.00	89.09	270.13	9594.72	7732.95	-2163.92	-7432.78	0.82	612783.38	649939.72	
17634.00	89.37	269.97	9596.00	7825.27	-2163.84	-7527.77	0.34	612783.46	649844.73	
17728.00	89.23	270.08	9597.15	7916.64	-2163.80	-7621.76	0.19	612783.50	649750.74	
17823.00	89.86	270.19	9597.90	8008.93	-2163.58	-7716.76	0.67	612783.72	649655.74	
17916.00	90.00	270.13	9598.02	8099.28	-2163.32	-7809.76	0.16	612783.98	649562.74	
18011.00	88.67	269.69	9599.12	8191.66	-2163.47	-7904.75	1.47	612783.83	649467.75	
18105.00	89.23	269.94	9600.84	8283.09	-2163.77	-7998.73	0.65	612783.53	649373.77	
18199.00	90.00	269.88	9601.47	8374.50	-2163.92	-8092.73	0.82	612783.38	649279.77	
18294.00	90.35	270.35	9601.18	8466.81	-2163.73	-8187.73	0.62	612783.57	649184.77	
18388.00	88.46	271.02	9602.16	8557.91	-2162.60	-8281.71	2.13	612784.70	649090.79	
18482.00	88.28	270.92	9604.83	8648.87	-2161.01	-8375.66	0.22	612786.29	648996.84	
18577.00	88.28	270.35	9607.68	8740.92	-2159.96	-8470.61	0.60	612787.34	648901.89	
18672.00	90.57	271.23	9608.64	8832.95	-2158.65	-8565.59	2.58	612788.65	648806.91	
18766.00	91.72	271.29	9606.76	8923.80	-2156.58	-8659.55	1.23	612790.72	648712.95	
18861.00	90.49	271.37	9604.93	9015.59	-2154.38	-8754.50	1.30	612792.92	648618.00	
18955.00	92.03	271.66	9602.86	9106.33	-2151.89	-8848.44	1.67	612795.41	648524.06	
19023.00	93.50	272.05	9599.58	9171.81	-2149.70	-8916.33	2.24	612797.60	648456.17	Last WFT SVY
19040.82	93.50	272.05	9598.49	9188.94	-2149.06	-8934.10	0.00	612798.24	648438.40	Cross HL 19040.82'MD
19090.00	93.50	272.05	9595.49	9236.22	-2147.30	-8983.16	0.00	612800.00	648389.34	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

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

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

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

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 <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 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.		
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)								2. Type of Lease ☐ STATE ☐ FEE ☐ FED/INDIAN		
								3. State Oil & Gas Lease No.		
7. Type of Completion: ☐ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER								5. Lease Name or Unit Agreement Name		
								6. Well Number:		
8. Name of Operator				9. OGRID						
10. Address of Operator				11. Pool name or Wildcat						
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:										
BH:										
13. Date Spudded	14. Date T.D. Reached	15. Date Rig Released			16. Date Completed (Ready to Produce)			17. Elevations (DF and RKB, RT, GR, etc.)		
18. Total Measured Depth of Well		19. Plug Back Measured Depth			20. Was Directional Survey Made?			21. Type Electric and Other Logs Run		
22. Producing Interval(s), of this completion - Top, Bottom, Name										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
26. Perforation record (interval, size, and number)					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
					DEPTH INTERVAL			AMOUNT AND KIND MATERIAL USED		
28. PRODUCTION										
Date First Production		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>)				Well Status (<i>Prod. or Shut-in</i>)				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>)				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>)								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>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</i>										
Signature			Printed Name		Title			Date		
E-mail Address										

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.

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 Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T.Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T.Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T.Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

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

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

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

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

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.....

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

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 25601

ACKNOWLEDGMENTS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 25601
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

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

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

CONDITIONS

Action 25601

CONDITIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 25601
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	Submit all drilling, casing, and completion sundries/reports.	7/22/2021