

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		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>3/28/2024</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
AS COMPLETED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-46528		² Pool Code 97569		³ Pool Name Winchester; Bone Spring, West	
⁴ Property Code 326768		⁵ Property Name PALMILLO 20 STATE COM			⁶ Well Number 365H
⁷ OGRID NO. 873		⁸ Operator Name APACHE CORPORATION			⁹ Elevation 3459'

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
E	21	19S	28E		1905	NORTH	370	WEST	EDDY

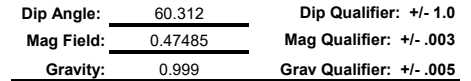
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	20	19S	28E		746	NORTH	62	WEST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
160			

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 599529.3 - E 585959.7 LAT: 32.6480701° N LONG: 104.1883561° W KICK OFF POINT (KOP) 739' FNL - 497' FWL (SEC. 21) N 600697.1 - E 586090.1 LAT: 32.6512796° N LONG: 104.1879275° W MD = 8026.0 - TVD = 7893.4 PENETRATION POINT (PP1) 724' FNL - 369' FWL (SEC. 21) N 600710.5 - E 585961.8 LAT: 32.6513169° N LONG: 104.1883443° W MD = 8374.6 - TVD = 8266.4 FIRST TAKE POINT (FTP) 711' FNL - 110' FEL (SEC. 20) N 600718.2 - E 585483.0 LAT: 32.6513398° N LONG: 104.1899000° W MD = 8949.0 - TVD = 8487.4		LAST TAKE POINT (LTP) 745' FNL - 136' FWL (SEC. 20) N 600638.8 - E 580516.4 LAT: 32.6511389° N LONG: 104.2060373° W MD = 13918.0 - TVD = 8379.7 BOTTOM HOLE (BH) N 600636.4 - E 580442.6 LAT: 32.6511324° N LONG: 104.2062768° W MD = 13994.0 - TVD = 8373.9 FOUND BRASS CAP "1941" N 596120.3 - E 580368.7 FOUND BRASS CAP "1941" N 601382.0 - E 580382.8 FOUND BRASS CAP "1941" N 601430.2 - E 585595.5 FOUND BRASS CAP "1941" N 601458.8 - E 588190.7 FOUND BRASS CAP "1941" N 601487.4 - E 590787.6		FOUND BRASS CAP "1941" N 598852.6 - E 590787.1 FOUND BRASS CAP "1941" N 596216.2 - E 590790.1 FOUND BRASS CAP "1941" N 596193.2 - E 588185.2 FOUND BRASS CAP "1941" N 596170.1 - E 585579.6 FOUND BRASS CAP "1941" N 596144.1 - E 582974.0 FOUND BRASS CAP "1941" N 598801.3 - E 585587.6		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 <u>Alicia Fulton</u> Date <u>12/18/2023</u> Printed Name <u>Alicia Fulton</u> E-mail Address <u>alicia.fulton@apachecorp.com</u>	
GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION (SL) N 599529.3 - E 585959.7 LAT: 32.6480701° N LONG: 104.1883561° W KICK OFF POINT (KOP) 739' FNL - 497' FWL (SEC. 21) N 600697.1 - E 586090.1 LAT: 32.6512796° N LONG: 104.1879275° W MD = 8026.0 - TVD = 7893.4 PENETRATION POINT (PP1) 724' FNL - 369' FWL (SEC. 21) N 600710.5 - E 585961.8 LAT: 32.6513169° N LONG: 104.1883443° W MD = 8374.6 - TVD = 8266.4 FIRST TAKE POINT (FTP) 711' FNL - 110' FEL (SEC. 20) N 600718.2 - E 585483.0 LAT: 32.6513398° N LONG: 104.1899000° W MD = 8949.0 - TVD = 8487.4		LAST TAKE POINT (LTP) 745' FNL - 136' FWL (SEC. 20) N 600638.8 - E 580516.4 LAT: 32.6511389° N LONG: 104.2060373° W MD = 13918.0 - TVD = 8379.7 BOTTOM HOLE (BH) N 600636.4 - E 580442.6 LAT: 32.6511324° N LONG: 104.2062768° W MD = 13994.0 - TVD = 8373.9 FOUND BRASS CAP "1941" N 596120.3 - E 580368.7 FOUND BRASS CAP "1941" N 601382.0 - E 580382.8 FOUND BRASS CAP "1941" N 601430.2 - E 585595.5 FOUND BRASS CAP "1941" N 601458.8 - E 588190.7 FOUND BRASS CAP "1941" N 601487.4 - E 590787.6		FOUND BRASS CAP "1941" N 598852.6 - E 590787.1 FOUND BRASS CAP "1941" N 596216.2 - E 590790.1 FOUND BRASS CAP "1941" N 596193.2 - E 588185.2 FOUND BRASS CAP "1941" N 596170.1 - E 585579.6 FOUND BRASS CAP "1941" N 596144.1 - E 582974.0 FOUND BRASS CAP "1941" N 598801.3 - E 585587.6		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. Date of Survey <u>10/13/2023</u> Signature and Seal of Professional Surveyor <u>DALE E. BELL</u> Certificate Number <u>14400</u>	

[illegible]

Company: Apache Corporation
Well: Palmillo 20 State Com 365H
AEP Job Number: AEP-PB-230672 / GT231209
Rig: H&P 534
Job Date:

North Reference: Grid North
Mag Declination: 6.97
Total Correction Used: 6.89
Directional Driller: Cole Finley / Charles Kelley
MWD Specialist: Ramiro Paz / Robie Bradley

Calculation Method: Minimum Curvature
Proposed Azimuth: 269.47
Depth Ref. (RKB Height) 30
Tie Into: Previous MWD Survey
Ground Level Elevation 3459

Location Magnetics

Dip Angle: 60.312 Dip Qualifier: +/- 1.0
Mag Field: 0.47485 Mag Qualifier: +/- .003
Gravity: 0.999 Grav Qualifier: +/- .005

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Distance (ft)	Direction Azimuth	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)					
36	3201.00	14.65	8.48	93	3159.97	-55.66	364.94 N	52.28 E	368.66	8.15	0.16	0.13	0.35
37	3280.00	14.68	8.78	79	3236.40	-58.84	384.71 N	55.29 E	388.66	8.18	0.10	0.04	0.38
38	3480.00	15.32	7.93	200	3429.58	-66.83	435.93 N	62.80 E	440.43	8.20	0.34	0.32	-0.43
39	3574.00	15.58	6.55	94	3520.18	-70.21	460.77 N	65.95 E	465.46	8.15	0.48	0.28	-1.47
40	3668.00	15.54	5.83	94	3610.74	-73.16	485.83 N	68.67 E	490.66	8.05	0.21	-0.04	-0.77
41	3763.00	15.68	5.50	95	3702.24	-75.92	511.27 N	71.19 E	516.21	7.93	0.17	0.15	-0.35
42	3857.00	15.83	5.52	94	3792.70	-78.61	536.68 N	73.65 E	541.71	7.81	0.16	0.16	0.02
43	3951.00	14.43	3.29	94	3883.44	-80.74	561.13 N	75.55 E	566.20	7.67	1.61	-1.49	-2.37
44	4045.00	13.99	1.45	94	3974.57	-81.91	584.19 N	76.51 E	589.17	7.46	0.67	-0.47	-1.96
45	4140.00	14.10	0.73	95	4066.73	-82.56	607.24 N	76.95 E	612.09	7.22	0.22	0.12	-0.76
46	4234.00	14.19	0.18	94	4157.88	-82.96	630.21 N	77.13 E	634.91	6.98	0.17	0.10	-0.59
47	4328.00	14.54	359.75	94	4248.94	-83.16	653.53 N	77.12 E	658.06	6.73	0.39	0.37	382.52
48	4423.00	13.46	3.40	95	4341.12	-83.97	676.49 N	77.72 E	680.94	6.55	1.47	-1.14	-375.11
49	4517.00	13.11	3.26	94	4432.60	-85.43	698.05 N	78.97 E	702.51	6.45	0.37	-0.37	-0.15
50	4611.00	13.12	1.86	94	4524.15	-86.58	719.36 N	79.93 E	723.79	6.34	0.34	0.01	-1.49
51	4705.00	13.26	0.84	94	4615.67	-87.28	740.80 N	80.43 E	745.16	6.20	0.29	0.15	-1.09
52	4800.00	13.40	0.63	95	4708.11	-87.76	762.70 N	80.71 E	766.96	6.04	0.16	0.15	-0.22
53	4894.00	13.24	6.00	94	4799.59	-89.21	784.30 N	81.96 E	788.57	5.97	1.33	-0.17	5.71
54	4988.00	13.02	7.09	94	4891.13	-91.84	805.52 N	84.39 E	809.92	5.98	0.35	-0.23	1.16
55	5082.00	13.04	6.20	94	4982.71	-94.48	826.57 N	86.84 E	831.12	6.00	0.21	0.02	-0.95
56	5176.00	12.99	6.77	94	5074.29	-97.07	847.60 N	89.23 E	852.28	6.01	0.15	-0.05	0.61
57	5270.00	13.05	7.49	94	5165.88	-99.89	868.61 N	91.86 E	873.46	6.04	0.18	0.06	0.77
58	5364.00	12.68	7.11	94	5257.52	-102.74	889.37 N	94.52 E	894.38	6.07	0.40	-0.39	-0.40
59	5646.00	10.38	2.56	282	5533.81	-108.23	945.47 N	99.49 E	950.69	6.01	0.88	-0.82	-1.61
60	5740.00	11.70	0.20	94	5626.07	-108.81	963.46 N	99.90 E	968.63	5.92	1.48	1.40	-2.51
61	5834.00	13.55	0.61	94	5717.80	-109.15	984.01 N	100.05 E	989.08	5.81	1.97	1.97	0.44
62	5929.00	14.09	1.61	95	5810.04	-109.80	1006.70 N	100.49 E	1011.70	5.70	0.62	0.57	1.05
63	6023.00	13.15	357.86	94	5901.40	-109.93	1028.82 N	100.41 E	1033.71	5.57	1.37	-1.00	378.99
64	6117.00	12.30	350.19	94	5993.10	-108.01	1049.37 N	98.31 E	1053.97	5.35	2.01	-0.90	-8.16
65	6211.00	11.37	352.15	94	6085.10	-105.22	1068.42 N	95.34 E	1072.66	5.10	1.08	-0.99	2.09
66	6305.00	9.83	3.58	94	6177.50	-104.61	1085.61 N	94.57 E	1089.72	4.98	2.76	-1.64	-370.82
67	6398.00	9.72	27.62	93	6269.19	-108.89	1100.49 N	98.71 E	1104.91	5.13	4.36	-0.12	25.85
68	6493.00	7.63	35.83	95	6363.10	-116.41	1112.71 N	106.12 E	1117.76	5.45	2.55	-2.20	8.64
69	6587.00	6.39	31.17	94	6456.40	-122.86	1122.25 N	112.48 E	1127.87	5.72	1.45	-1.32	-4.96
70	6681.00	5.96	25.10	94	6549.86	-127.72	1131.15 N	117.26 E	1137.21	5.92	0.83	-0.46	-6.46
71	6775.00	5.25	20.23	94	6643.41	-131.35	1139.60 N	120.82 E	1145.99	6.05	0.91	-0.76	-5.18
72	6869.00	4.39	8.02	94	6737.07	-133.41	1147.20 N	122.81 E	1153.75	6.11	1.42	-0.91	-12.99
73	6964.00	3.78	0.06	95	6831.83	-133.99	1153.93 N	123.32 E	1160.50	6.10	0.88	-0.64	-8.38
74	7058.00	3.51	0.05	94	6925.64	-134.05	1159.91 N	123.32 E	1166.44	6.07	0.29	-0.29	-0.01
75	7152.00	1.45	20.35	94	7019.55	-134.50	1163.90 N	123.74 E	1170.46	6.07	2.35	-2.19	21.60

Dip Angle (deg)	Magnetic Field (nT)	Gravity Field (g)	Temp (Deg)F
60.34	0.47824	0.9986	158.0
60.45	0.47881	0.9986	150.8
59.59	0.45118	0.9986	118.4
59.50	0.45111	0.9990	122.0
59.49	0.45121	0.9989	123.8
59.55	0.45117	0.9990	125.6
59.52	0.45096	0.9987	125.6
59.46	0.45160	0.9986	127.4
59.44	0.45158	0.9988	129.2
59.53	0.45168	0.9986	129.2
59.54	0.45148	0.9990	129.2
59.43	0.45169	0.9988	129.2
59.50	0.45193	0.9988	129.2
59.49	0.45158	0.9989	129.2
59.48	0.45171	0.9984	131.0
59.41	0.45193	0.9992	131.0
59.41	0.45169	0.9991	132.8
59.46	0.45163	0.9989	132.8
59.48	0.45177	0.9985	134.6
59.45	0.45167	0.9988	134.6
59.53	0.45172	0.9988	134.6
59.40	0.45143	0.9987	136.4
59.36	0.45159	0.9989	138.2
59.39	0.45142	0.9993	116.6
59.35	0.45171	0.9994	122.0
59.37	0.45192	0.9989	123.8
59.48	0.45164	0.9989	127.4
59.43	0.45197	0.9989	129.2
59.57	0.45183	0.9986	129.2
59.54	0.45193	0.9986	131.0
59.38	0.45226	0.9992	132.8
59.42	0.45237	0.9989	132.8
59.33	0.45279	0.9987	132.8
59.13	0.45293	0.9990	136.4
59.17	0.45284	0.9991	136.4
59.11	0.45285	0.9989	136.4
59.08	0.45335	0.9986	138.2
58.80	0.45405	0.9988	138.2
59.09	0.45329	0.9990	140.0
59.01	0.45389	0.9989	140.0

Company: Apache Corporation
Well: Palmillo 20 State Com 365H
AEP Job Number: AEP-PB-230672 / GT231209
Rig: H&P 534
Job Date:

North Reference: Grid North
Mag Declination: 6.97
Total Correction Used: 6.89
Directional Driller: Cole Finley / Charles Kelley
MWD Specialist: Ramiro Paz / Robie Bradley

Calculation Method: Minimum Curvature
Proposed Azimuth: 269.47
Depth Ref. (RKB Height) 30
Tie Into: Previous MWD Survey
Ground Level Elevation 3459

Location Magnetics

Dip Angle: 60.312 Dip Qualifier: +/- 1.0
Mag Field: 0.47485 Mag Qualifier: +/- .003
Gravity: 0.999 Grav Qualifier: +/- .005

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Distance (ft)	Direction Azimuth	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)					
76	7246.00	1.02	16.41	94	7113.53	-135.17	1165.82 N	124.39 E	1172.43	6.09	0.47	-0.46	-4.19
77	7340.00	1.49	23.84	94	7207.51	-135.92	1167.74 N	125.12 E	1174.42	6.12	0.53	0.50	7.90
78	7434.00	0.94	32.80	94	7301.49	-136.84	1169.50 N	126.03 E	1176.27	6.15	0.62	-0.59	9.53
79	7528.00	0.17	4.22	94	7395.48	-137.28	1170.29 N	126.46 E	1177.10	6.17	0.85	-0.82	-30.40
80	7622.00	0.43	14.18	94	7489.48	-137.38	1170.77 N	126.56 E	1177.59	6.17	0.28	0.28	10.60
81	7716.00	0.24	133.65	94	7583.48	-137.61	1170.98 N	126.78 E	1177.82	6.18	0.62	-0.20	127.10
82	7810.00	1.23	143.93	94	7677.47	-138.34	1170.03 N	127.52 E	1176.96	6.22	1.06	1.05	10.94
83	7904.00	1.76	119.07	94	7771.44	-140.18	1168.51 N	129.38 E	1175.65	6.32	0.88	0.56	-26.45
84	7932.00	1.89	106.68	28	7799.42	-140.99	1168.17 N	130.19 E	1175.40	6.36	1.48	0.46	-44.25
85	8026.00	1.59	274.63	94	7893.41	-141.18	1167.83 N	130.38 E	1175.08	6.37	3.68	-0.32	178.67
86	8120.00	13.35	278.35	94	7986.45	-129.11	1169.52 N	118.30 E	1175.48	5.78	12.51	12.51	3.96
87	8214.00	24.56	277.27	94	8075.21	-98.94	1173.58 N	88.09 E	1176.88	4.29	11.93	11.93	-1.15
88	8308.00	33.27	276.09	94	8157.41	-53.89	1178.79 N	42.98 E	1179.58	2.09	9.29	9.27	-1.26
89	8402.00	35.38	271.05	94	8235.05	-1.06	1182.03 N	-9.88 W	1182.07	359.52	3.76	2.24	-5.36
90	8496.00	44.60	268.56	94	8307.00	59.28	1181.70 N	-70.21 W	1183.78	356.60	9.95	9.81	-2.65
91	8590.00	55.58	267.08	94	8367.22	131.23	1178.88 N	-142.15 W	1187.42	353.12	11.74	11.68	-1.57
92	8684.00	65.22	270.36	94	8413.60	212.85	1177.17 N	-223.75 W	1198.25	349.24	10.69	10.26	3.49
93	8778.00	70.06	273.13	94	8449.36	299.67	1179.86 N	-310.60 W	1220.05	345.25	5.83	5.15	2.95
94	8872.00	78.14	273.43	94	8475.09	389.80	1185.03 N	-400.78 W	1250.97	341.31	8.60	8.60	0.32
95	8966.00	85.11	272.97	94	8488.77	482.55	1190.21 N	-493.58 W	1288.50	337.48	7.43	7.41	-0.49
96	9060.00	88.70	271.86	94	8493.85	576.27	1194.17 N	-587.34 W	1330.79	333.81	4.00	3.82	-1.18
97	9154.00	92.48	270.58	94	8492.88	670.20	1196.17 N	-681.29 W	1376.58	330.34	4.25	4.02	-1.36
98	9248.00	92.34	267.63	94	8488.93	764.11	1194.70 N	-775.19 W	1424.16	327.02	3.14	-0.15	-3.14
99	9341.00	91.73	266.21	93	8485.62	856.95	1189.71 N	-867.99 W	1472.69	323.89	1.66	-0.66	-1.53
100	9435.00	90.58	266.09	94	8483.73	950.77	1183.40 N	-961.76 W	1524.93	320.90	1.23	-1.22	-0.13
101	9529.00	90.36	266.14	94	8482.96	1044.61	1177.03 N	-1055.54 W	1581.00	318.11	0.24	-0.23	0.05
102	9622.00	89.79	266.96	93	8482.84	1137.49	1171.43 N	-1148.37 W	1640.43	315.57	1.07	-0.61	0.88
103	9716.00	90.08	267.18	94	8482.94	1231.40	1166.63 N	-1242.25 W	1704.17	313.20	0.39	0.31	0.23
104	9810.00	91.00	266.68	94	8482.06	1325.31	1161.59 N	-1336.11 W	1770.45	311.00	1.11	0.98	-0.53
105	9904.00	92.12	266.59	94	8479.50	1419.16	1156.08 N	-1429.91 W	1838.79	308.96	1.20	1.19	-0.10
106	9998.00	91.39	268.16	94	8476.62	1513.04	1151.77 N	-1523.76 W	1910.09	307.08	1.84	-0.78	1.67
107	10091.00	92.40	268.58	93	8473.54	1605.98	1149.13 N	-1616.67 W	1983.47	305.41	1.18	1.09	0.45
108	10185.00	90.72	269.10	94	8470.98	1699.93	1147.23 N	-1710.62 W	2059.69	303.85	1.87	-1.79	0.55
109	10279.00	91.42	268.97	94	8469.23	1793.91	1145.65 N	-1804.59 W	2137.53	302.41	0.76	0.74	-0.14
110	10373.00	92.34	268.78	94	8466.15	1887.85	1143.80 N	-1898.52 W	2216.45	301.07	1.00	0.98	-0.20
111	10467.00	91.28	269.83	94	8463.18	1981.80	1142.66 N	-1992.46 W	2296.86	299.83	1.59	-1.13	1.12
112	10561.00	91.87	269.65	94	8460.59	2075.77	1142.24 N	-2086.42 W	2378.63	298.70	0.66	0.63	-0.19
113	10655.00	91.03	270.08	94	8458.21	2169.73	1142.01 N	-2180.39 W	2461.36	297.64	1.00	-0.89	0.46
114	10749.00	92.32	270.05	94	8455.47	2263.69	1142.12 N	-2274.35 W	2545.02	296.66	1.37	1.37	-0.03
115	10843.00	90.75	270.30	94	8452.95	2357.64	1142.41 N	-2368.31 W	2629.45	295.75	1.69	-1.67	0.27

Dip Angle (deg)	Magnetic Field (nT)	Gravity Field (g)	Temp (Deg)F
59.01	0.45409	0.9987	141.8
58.90	0.45387	0.9989	141.8
58.84	0.45406	0.9987	141.8
58.82	0.45446	0.9990	143.6
58.90	0.45423	0.9986	143.6
58.91	0.45432	0.9990	145.4
58.92	0.45440	0.9988	145.4
58.89	0.45431	0.9990	145.4
58.87	0.45421	0.9991	145.4
59.52	0.46325	0.9989	129.2
59.52	0.46554	0.9986	132.8
59.75	0.46563	0.9984	134.6
59.84	0.46704	0.9979	138.2
59.83	0.46745	0.9982	140.0
59.77	0.46911	0.9987	140.0
59.86	0.46927	0.9980	141.8
59.93	0.47023	0.9993	143.6
60.10	0.47191	0.9979	145.4
60.13	0.47222	0.9981	145.4
60.26	0.47401	0.9994	147.2
60.24	0.47464	0.9979	149.0
60.32	0.47537	0.9978	150.8
60.11	0.47407	0.9984	150.8
60.06	0.47611	0.9979	152.6
60.20	0.47536	0.9996	152.6
60.24	0.47457	0.9977	152.6
60.16	0.47398	0.9981	152.6
60.26	0.47430	0.9980	154.4
59.95	0.47515	0.9980	156.2
60.16	0.47592	0.9994	156.2
60.06	0.47579	0.9980	156.2
60.31	0.47498	0.9977	158.0
59.97	0.47401	0.9980	158.0
60.13	0.47382	0.9988	158.0
59.98	0.47442	0.9981	159.8
60.12	0.47575	0.9978	158.0
60.23	0.47420	0.9989	159.8
60.25	0.47534	0.9997	161.6
60.10	0.47509	0.9978	161.6
60.05	0.47412	0.9981	161.6

Company: Apache Corporation
 Well: Palmillo 20 State Com 365H
 AEP Job Number: AEP-PB-230672 / GT231209
 Rig: H&P 534
 Job Date:

North Reference: Grid North
 Mag Declination: 6.97
 Total Correction Used: 6.89
 Directional Driller: Cole Finley / Charles Kelley
 MWD Specialist: Ramiro Paz / Robie Bradley

Calculation Method: Minimum Curvature
 Proposed Azimuth: 269.47
 Depth Ref. (RKB Height): 30
 Tie Into: Previous MWD Survey
 Ground Level Elevation: 3459

Location Magnetics

Dip Angle: 60.312 Dip Qualifier: +/- 1.0
 Mag Field: 0.47485 Mag Qualifier: +/- .003
 Gravity: 0.999 Grav Qualifier: +/- .005

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Direction Azimuth			
116	10937.00	91.25	270.10	94	8451.31	2451.62	1142.74 N	-2462.30 W	2714.54	294.90	0.57	0.53	-0.21
117	11031.00	92.23	270.14	94	8448.45	2545.57	1142.93 N	-2556.25 W	2800.13	294.09	1.04	1.04	0.04
118	11125.00	93.38	270.09	94	8443.85	2639.45	1143.12 N	-2650.14 W	2886.17	293.33	1.22	1.22	-0.05
119	11219.00	92.20	269.68	94	8439.28	2733.33	1142.93 N	-2744.02 W	2972.54	292.61	1.33	-1.26	-0.44
120	11313.00	92.26	269.24	94	8435.62	2827.26	1142.05 N	-2837.95 W	3059.12	291.92	0.47	0.06	-0.47
121	11407.00	90.10	269.61	94	8433.68	2921.24	1141.10 N	-2931.92 W	3146.15	291.27	2.33	-2.30	0.39
122	11500.00	90.83	269.77	93	8432.93	3014.23	1140.60 N	-3024.91 W	3232.81	290.66	0.80	0.78	0.17
123	11594.00	89.74	270.29	94	8432.46	3108.23	1140.65 N	-3118.91 W	3320.95	290.09	1.28	-1.16	0.55
124	11688.00	90.33	270.11	94	8432.41	3202.22	1140.98 N	-3212.91 W	3409.49	289.55	0.66	0.63	-0.19
125	11781.00	91.70	270.20	93	8430.76	3295.19	1141.23 N	-3305.89 W	3497.33	289.05	1.48	1.47	0.10
126	11875.00	92.71	269.72	94	8427.14	3389.12	1141.16 N	-3399.82 W	3586.23	288.55	1.19	1.07	-0.51
127	11969.00	91.00	269.79	94	8424.10	3483.07	1140.76 N	-3493.77 W	3675.29	288.08	1.82	-1.82	0.07
128	12063.00	91.48	269.75	94	8422.06	3577.04	1140.39 N	-3587.74 W	3764.62	287.63	0.51	0.51	-0.04
129	12157.00	89.85	269.35	94	8420.97	3671.03	1139.65 N	-3681.73 W	3854.08	287.20	1.79	-1.73	-0.43
130	12251.00	90.30	269.12	94	8420.85	3765.03	1138.39 N	-3775.72 W	3943.61	286.78	0.54	0.48	-0.24
131	12345.00	91.34	268.77	94	8419.51	3859.02	1136.66 N	-3869.70 W	4033.18	286.37	1.17	1.11	-0.37
132	12439.00	90.02	268.70	94	8418.39	3953.00	1134.59 N	-3963.66 W	4122.85	285.97	1.41	-1.40	-0.07
133	12533.00	89.54	268.72	94	8418.75	4046.99	1132.47 N	-4057.64 W	4212.71	285.59	0.51	-0.51	0.02
134	12627.00	90.49	268.32	94	8418.73	4140.98	1130.04 N	-4151.61 W	4302.65	285.23	1.10	1.01	-0.43
135	12721.00	91.47	267.87	94	8417.12	4234.93	1126.92 N	-4245.54 W	4392.56	284.87	1.15	1.04	-0.48
136	12815.00	92.06	267.30	94	8414.22	4328.84	1122.96 N	-4339.41 W	4482.36	284.51	0.87	0.63	-0.61
137	12909.00	93.05	266.85	94	8410.03	4422.66	1118.17 N	-4433.19 W	4572.04	284.16	1.16	1.05	-0.48
138	13003.00	91.70	268.22	94	8406.14	4516.52	1114.13 N	-4527.02 W	4662.10	283.83	2.05	-1.44	1.46
139	13097.00	90.08	270.00	94	8404.68	4610.50	1112.67 N	-4620.99 W	4753.06	283.54	2.56	-1.72	1.89
140	13191.00	90.55	270.84	94	8404.16	4704.49	1113.36 N	-4714.99 W	4844.65	283.29	1.02	0.50	0.89
141	13286.00	92.18	270.18	95	8401.90	4799.44	1114.20 N	-4809.95 W	4937.32	283.04	1.85	1.72	-0.69
142	13380.00	91.67	270.61	94	8398.74	4893.37	1114.85 N	-4903.90 W	5029.03	282.81	0.71	-0.54	0.46
143	13474.00	92.63	271.17	94	8395.21	4987.28	1116.31 N	-4997.82 W	5120.97	282.59	1.18	1.02	0.60
144	13568.00	90.21	269.93	94	8392.88	5081.22	1117.21 N	-5091.78 W	5212.90	282.38	2.89	-2.57	-1.32
145	13662.00	91.03	269.60	94	8391.87	5175.22	1116.83 N	-5185.77 W	5304.67	282.15	0.94	0.87	-0.35
146	13756.00	92.26	269.10	94	8389.17	5269.18	1115.76 N	-5279.72 W	5396.33	281.93	1.41	1.31	-0.53
147	13850.00	93.49	268.50	94	8384.45	5363.05	1113.80 N	-5373.58 W	5487.80	281.71	1.46	1.31	-0.64
148	13920.00	94.48	268.09	70	8379.59	5432.86	1111.72 N	-5443.38 W	5555.74	281.54	1.53	1.41	-0.59

Dip Angle (deg)	Magnetic Field (nT)	Gravity Field (g)	Temp (Deg)F
60.04	0.47445	0.9979	161.6
60.31	0.47397	0.9979	163.4
60.16	0.47551	0.9977	163.4
60.30	0.47558	0.9974	163.4
60.03	0.47469	0.9980	163.4
60.09	0.47376	0.9983	163.4
60.06	0.47525	0.9980	165.2
60.02	0.47473	0.9980	165.2
60.24	0.47547	0.9994	165.2
60.19	0.47443	0.9989	165.2
60.08	0.47557	0.9975	165.2
60.06	0.47537	0.9980	165.2
60.19	0.47520	0.9995	161.6
60.22	0.47538	0.9999	163.4
60.02	0.47352	0.9983	165.2
60.01	0.47425	0.9977	165.2
60.21	0.47429	0.9993	165.2
60.16	0.47407	0.9988	167.0
60.07	0.47568	0.9976	168.8
60.21	0.47579	1.0000	168.8
60.23	0.47494	0.9994	168.8
60.29	0.47517	0.9976	168.8
60.20	0.47395	0.9988	167.0
60.29	0.47361	0.9980	167.0
60.30	0.47340	0.9982	167.0
60.31	0.47383	0.9982	167.0
60.13	0.47354	0.9984	167.0
60.06	0.47480	0.9977	168.8
60.17	0.47339	0.9987	167.0
60.03	0.47503	0.9975	165.2
60.17	0.47379	0.9990	167.0
60.17	0.47505	0.9995	168.8
60.00	0.47556	0.9976	168.8

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
		9. OGRID Number
		10. Pool name or Wildcat
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 ☐	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																		
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 20 State Com 6. Well Number: 365H												
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 Winchester Bone Spring West (97569)												
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County								
Surface:	E	21	19S	28E		1905	N	370	W	EDDY								
BH:	D	20	19S	28E		746	N	62	W	EDDY								
13. Date Spudded 03/06/2020	14. Date T.D. Reached 08/01/2023		15. Date Rig Released 08/01/2023		16. Date Completed (Ready to Produce) 10/13/2023			17. Elevations (DF and RKB, RT, GR, etc.) 3459										
18. Total Measured Depth of Well 13994			19. Plug Back Measured Depth 13957		20. Was Directional Survey Made? yes			21. Type Electric and Other Logs Run										
22. Producing Interval(s), of this completion - Top, Bottom, Name 8949-13918																		
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		48 H40		334		17 1/2		400		0								
9 5/8		40 K55		3343		12 1/4		1050		0								
5 1/2		20 P-110		13979		8 3/4		1665		0								
24. LINER RECORD																		
SIZE	TOP	BOTTOM		SACKS CEMENT	SCREEN		25. TUBING RECORD											
							SIZE	DEPTH SET	PACKER SET									
							2 7/8	8492										
26. Perforation record (interval, size, and number) 8949-13918						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>8949-13918</td> <td>TLR=238539 bbl, 100mesh=7821904 lbs, 20/40 =1945766 lbs</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>					DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	8949-13918	TLR=238539 bbl, 100mesh=7821904 lbs, 20/40 =1945766 lbs				
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED																	
8949-13918	TLR=238539 bbl, 100mesh=7821904 lbs, 20/40 =1945766 lbs																	
28. PRODUCTION																		
Date First Production 10/13/2023		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) PUMPING				Well Status (<i>Prod. or Shut-in</i>) prod												
Date of Test 10/23/2023	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 240	Gas - MCF 951	Water - Bbl. 2091	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>) Sold							30. Test Witnessed By Apache Corp.											
31. List Attachments Inclination Report, C-102, C-103, C-104 (Logs submitted)																		
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 12/18/2023									
E-mail Address alicia.fulton@apachecorp.com																		

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 2457	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 2862	T. Morrison	
T. Drinkard	T. Bone Springs 5965	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	

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

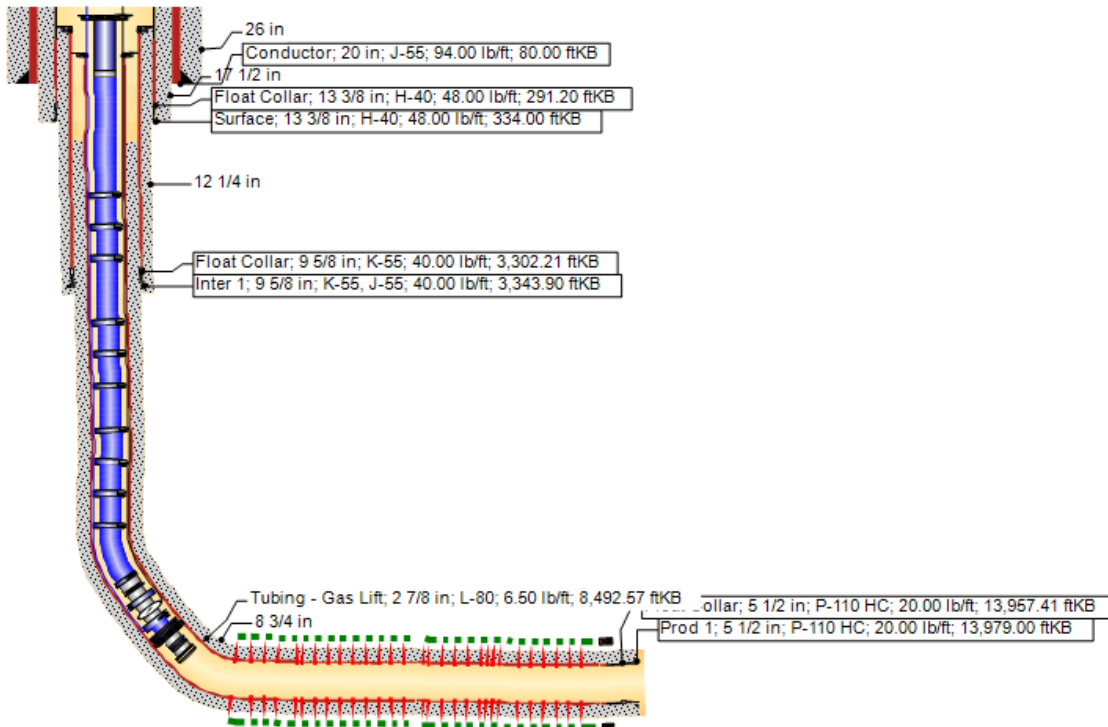
Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology

New Dev, PALMILLO 20 STATE COM 365H - Original Hole, 12/19/2023 11:39:28 AM

Directional schematic (actual)



Perfs 8984-13918

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 327817

ACKNOWLEDGMENTS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 327817
	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
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 327817

CONDITIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 327817
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CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	3/28/2024