

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

NM OIL CONSERVATION

SUNDRY NOTICES AND REPORTS ON WELLS ARTESIA DISTRICT
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use form 3160-3 (APD) for such proposals.

AUG 29 2016

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

RECEIVED

Release Serial No.
NMLC029395B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
LEE FEDERAL 949. API Well No.
30-015-43365-00-X110. Field and Pool, or Exploratory
CEDAR LAKE11. County or Parish, and State
EDDY COUNTY, NM

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
APACHE CORPORATIONContact: EMILY FOLLIS
E-Mail: Emily.Follis@apachecorp.com3a. Address
303 VETERANS AIRPARK LANE SUITE 3000
MIDLAND, TX 797053b. Phone No. (include area code).
Ph: 432-818-18014. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 17 T17S R31E SWSW 105FSL 850FWL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐
- Notice of Intent
-
- ☒
- Subsequent Report
-
- ☐
- Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|---|
| ☐ Acidize | ☐ Deepen | ☐ Production (Start/Resume) | ☐ Water Shut-Off |
| ☐ Alter Casing | ☐ Fracture Treat | ☐ Reclamation | ☐ Well Integrity |
| ☐ Casing Repair | ☐ New Construction | ☐ Recomplete | ☒ Other |
| ☐ Change Plans | ☐ Plug and Abandon | ☐ Temporarily Abandon | Production Start-up |
| ☐ Convert to Injection | ☐ Plug Back | ☐ Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

APACHE COMPLETED THE WELL AS FOLLOWS: RR 10/26/2015

01/21/16 PU RIH CNL-CBL-GRCC-LOGGING TOOL, POH W/TOOL RDMO WIRELINE, ND BOP CAP WELL RDMO WOR
06/20/16 PREP LOCATION FOR A LATER FRAC - MIRUSU & REVERSE UNIT. NU BOP TEST CSG MIRU WL PERFORATE
PU RIH W/ PKR & TBG PERF LOWER BLINBRY FROM 5602-6028 WITH ALL SHOTS FIRED. RDMO WIRELINE. PU RIH
W/ PKR & 170 JTS 2-7/8" J55 TBG LEAVE SWINGING @ 5537' SI SD
06/21/16 FOUND WELL @ 0# RIH W/PKR & 2-7/8 J55 TBG TO 6028' FLUSH, 31.6 BBL KCL POOH TO 5537' SET
PKR. MIRU PETROPLEX SERV. TEST, ACIDIZE LOWER BLINBRY/TUBB FROM 5602-6028', DROP BALL SEALERS, GOOD
BALL ACTION, FLUSH, RELEASE PKR, RIH KNOCK BALLS OFF, POOH/LD W/TBG & PKR ND BOP NU FV RDMO ALL
PARTIES.

07/27-28/16 MIRU ROCK PILE FRAC PLUG & PERF & WL CREW MOVING EQUIPMENT IN & RIGGING UP - SAFTEY
MEETING - (3 STAGE FRAC & PERF)

STAGE 1 - LOWER BLINBRY 35 HOLES/.42" DIA HOLE W/21" PEN @ BOTTOM 6028-5602

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #347300 verified by the BLM Well Information System
For APACHE CORPORATION, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 08/11/2016 (16PP1973SE)

Name (Printed/Typed) EMILY FOLLIS

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 08/09/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

AUG 24 2016

Approved By

Title

Conditions of approval, if any, are attached. Approval of this notice does not warrant or
certify that the applicant holds legal or equitable title to those rights in the subject lease
which would entitle the applicant to conduct operations thereon.

Office

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Additional data for EC transaction #347300 that would not fit on the form

32. Additional remarks, continued

STAGE 2 - LOWER BLINBRY 35 HOLES/.42" DIA HOLE W/21" PEN @ BOTTOM 5546 - 5371

STAGE 3 - LOWER BLINBRY 35 HOLES/.42" DIA HOLE W/21" PEN @ BOTTOM 4985 - 4671 BEGIN RD FRAC & WL

TOTAL ACID 289 BBL
TOTAL SAND 769,793#

08/02/16 DO PLUG CLEAN OUT TO TD, CIRC CLEAN W/FOAM AIR UNIT, TOH STANDING TUBING BACK

08/03/16 PU RIH W/ BHA & 2-7/8" J55 TBG ND BOP NU WH PU RIH W/PUMP & RODS

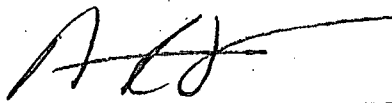
08/08/16 SET PUMPING UNIT, PLUMB BATTERY, FINAL REPORT

Apache Corporation
303 Veterans Airpark Lane, #3000
Midland, TX 79705

Lee Federal #094
Eddy County, New Mexico

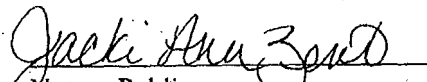
API # 30-015-43365
Sec. 17 17S R31E
105 FSL & 850 FWL

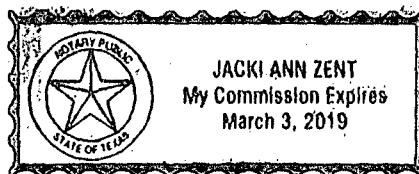
196	1.96	0.50	0.88	1.72	1.72
407	2.11	1.30	2.28	4.80	6.52
577	1.70	1.20	2.10	3.57	10.09
787	2.10	0.90	1.58	3.31	13.39
1000	2.13	1.10	1.93	4.10	17.49
1170	1.70	1.50	2.63	4.46	21.96
1383	2.13	1.40	2.45	5.22	27.17
1596	2.13	0.50	0.88	1.86	29.04
1851	2.55	0.20	0.35	0.89	29.93
2107	2.56	0.10	0.18	0.45	30.38
2320	2.13	0.40	0.70	1.49	31.87
2490	1.70	0.40	0.70	1.19	33.06
2703	2.13	0.60	1.05	2.24	35.30
2916	2.13	0.60	1.05	2.24	37.53
3084	1.68	0.50	0.88	1.47	39.00
3299	2.15	0.10	0.18	0.38	39.38
3557	2.58	0.40	0.70	1.81	41.18
3727	1.70	4.00	7.00	11.90	53.08
3897	1.70	6.10	10.68	18.15	71.23
4068	1.71	9.40	16.45	28.13	99.36
4281	2.13	10.60	18.55	39.51	138.87
4409	1.28	9.50	16.63	21.28	160.15
4664	2.55	9.10	15.93	40.61	200.76
5048	3.84	10.40	18.20	69.89	270.65
5304	2.56	10.00	17.50	44.80	315.45
5560	2.56	9.10	15.93	40.77	356.22
5688	1.28	9.30	16.28	20.83	377.05
6070	3.82	8.90	15.58	59.50	436.55
6326	2.56	8.50	14.88	38.08	474.63
6435	1.09	7.70	13.48	14.69	489.31



Archie Brown - General Manager

The attached instrument was acknowledged before me on the 2nd day of November, 2015
by Archie Brown - General Manager, CapStar Drilling, Inc.


Notary Public



NM OIL CONSERVATION

ARTESIA DISTRICT

AUG 29 2016

RECEIVED

Apache Corporation

Eddy County, NM (NAD27 NME)

Lee Federal

#94H

OH / Job #1514491

Design: Surveys (Capstar 119)

Standard Survey Report

26 October, 2015

Phoenix Technology Services LP

Survey Report

Company:	Apache Corporation	Local Co-ordinate Reference:	Well #94H
Project:	Eddy County, NM (NAD27 NME)	TVD Reference:	RKB @ 3683.00usft (Capstar 119)
Site:	Lee Federal	MD Reference:	RKB @ 3683.00usft (Capstar 119)
Well:	#94H	North Reference:	Grid
Wellbore:	OH / Job #1514491	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Capstar 119)	Database:	Compass 5000 GCR

Project	Eddy County, NM (NAD27 NME)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Lee Federal		
Site Position:		Northing:	664,811.60 usft
From:	Map	Easting:	634,967.00 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 49' 36.77792 N
		Longitude:	103° 53' 38.26184 W
		Grid Convergence:	0.24 °

Well	#94H		
Well Position	+N-S	0.00 usft	Northing: 665,004.10 usft
	+E-W	0.00 usft	Easting: 633,981.10 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	0.00 usft
		Latitude:	32° 49' 38.72307 N
		Longitude:	103° 53' 49.80644 W
		Ground Level:	3,672.00 usft

Wellbore	OH / Job #1514491		
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	10/16/2015	7.63	60.77	48,556

Design	Surveys (Capstar 119)		
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Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.00

Vertical Section:	Depth From (TVD) (usft)	+N-S (usft)	+E-W (usft)	Direction (°)
	0.00	0.00	0.00	161.84

Survey Program		Date	10/26/2015		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
57.00	3,444.00	Scientific Gyro Surveys (OH / Job #15144)	CB-GYRO-MS	Camera based gyro multishot	
3,444.00	6,435.00	Phoenix MWD Surveys (OH / Job #15144)	PHX+MWD+HDGM	PHX+OWSG MWD + HDGM	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
57.00	0.39	111.00	57.00	-0.07	0.18	0.12	0.68	0.68	0.00	
146.00	0.42	118.82	146.00	-0.34	0.75	0.55	0.07	0.03	8.79	
235.00	0.85	133.52	234.99	-0.95	1.51	1.37	0.51	0.48	16.52	
324.00	1.29	153.01	323.98	-2.29	2.45	2.94	0.63	0.49	21.90	
413.00	1.31	160.50	412.95	-4.15	3.24	4.95	0.19	0.02	8.42	
502.00	1.20	166.39	501.93	-6.01	3.80	6.90	0.19	-0.12	6.62	
592.00	1.16	163.04	591.91	-7.80	4.29	8.75	0.09	-0.04	-3.72	
762.00	1.09	151.65	761.88	-10.87	5.56	12.06	0.14	-0.04	-6.70	
890.00	1.17	141.76	889.86	-12.97	6.94	14.48	0.16	0.06	-7.73	

Phoenix Technology Services LP

Survey Report

Company:	Apache Corporation	Local Co-ordinate Reference:	Well #94H
Project:	Eddy County, NM (NAD27 NME)	TVD Reference:	RKB @ 3683.00usft (Capstar 119)
Site:	Lee Federal	MD Reference:	RKB @ 3683.00usft (Capstar 119)
Well:	#94H	North Reference:	Grid
Wellbore:	OH / Job #1514491	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Capstar 119)	Database:	Compass 5000 GCR

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,145.00	1.39	87.25	1,144.80	-14.86	11.65	17.75	0.47	0.09	-21.38
1,273.00	1.51	84.25	1,272.76	-14.62	14.87	18.53	0.11	0.09	-2.34
1,401.00	1.12	89.94	1,400.73	-14.45	17.80	19.28	0.32	-0.30	4.45
1,528.00	0.77	95.36	1,527.71	-14.53	19.89	20.00	0.28	-0.28	4.27
1,656.00	0.50	106.93	1,655.70	-14.77	21.28	20.67	0.23	-0.21	9.04
1,784.00	0.31	123.66	1,783.70	-15.12	22.11	21.26	0.17	-0.15	13.07
1,912.00	0.24	135.36	1,911.70	-15.51	22.58	21.77	0.07	-0.05	9.14
2,039.00	0.28	150.04	2,038.69	-15.96	22.93	22.31	0.06	0.03	11.56
2,167.00	0.30	186.08	2,166.69	-16.57	23.05	22.93	0.14	0.02	28.16
2,295.00	0.38	207.95	2,294.69	-17.28	22.81	23.53	0.12	0.06	17.09
2,550.00	0.63	232.55	2,549.68	-18.88	21.30	24.58	0.13	0.10	9.65
2,678.00	0.66	227.33	2,677.67	-19.80	20.20	25.11	0.05	0.02	-4.08
2,806.00	0.58	230.43	2,805.67	-20.72	19.16	25.66	0.07	-0.06	2.42
2,933.00	0.53	230.75	2,932.66	-21.50	18.21	26.10	0.04	-0.04	0.25
3,061.00	0.43	239.62	3,060.65	-22.11	17.34	26.42	0.10	-0.08	6.93
3,189.00	0.30	248.07	3,188.65	-22.48	16.61	26.54	0.11	-0.10	6.60
3,317.00	0.22	244.64	3,316.65	-22.71	16.08	26.59	0.06	-0.06	-2.68
3,444.00	0.17	258.75	3,443.65	-22.85	15.67	26.60	0.05	-0.04	11.11
Tie In to Gyro Surveys									
3,557.00	0.40	281.50	3,556.65	-22.81	15.12	26.39	0.22	0.20	20.13
First Phoenix MWD Survey									
3,642.00	1.50	188.70	3,641.64	-23.85	14.66	27.23	1.85	1.29	-109.18
3,727.00	4.00	182.00	3,726.53	-27.91	14.39	31.01	2.96	2.94	-7.88
3,812.00	5.80	179.40	3,811.22	-35.17	14.33	37.89	2.13	2.12	-3.06
3,897.00	6.10	179.20	3,895.76	-43.98	14.44	46.29	0.35	0.35	-0.24
3,983.00	8.00	177.80	3,981.11	-54.53	14.74	56.41	2.22	2.21	-1.63
4,068.00	9.40	171.10	4,065.13	-67.30	16.04	68.95	2.03	1.65	-7.88
4,153.00	10.10	160.10	4,148.91	-81.17	19.65	83.25	2.34	0.82	-12.94
4,281.00	10.60	159.40	4,274.83	-102.74	27.61	106.23	0.40	0.39	-0.55
4,409.00	9.50	164.60	4,400.86	-123.95	34.56	128.54	1.11	-0.86	4.06
4,537.00	9.80	165.00	4,527.05	-144.65	40.18	149.97	0.24	0.23	0.31
4,664.00	9.10	158.60	4,652.33	-164.44	46.64	170.79	0.99	-0.55	-5.04
4,792.00	9.60	159.40	4,778.63	-183.86	54.09	191.56	0.40	0.39	0.63
4,920.00	10.00	159.50	4,904.76	-204.26	61.74	213.33	0.31	0.31	0.08
5,048.00	10.40	161.50	5,030.74	-225.63	69.30	235.99	0.42	0.31	1.56
5,176.00	9.80	154.20	5,156.76	-246.39	77.71	258.34	1.10	-0.47	-5.70
5,304.00	10.00	155.30	5,282.85	-266.29	87.09	280.17	0.22	0.16	0.86
5,432.00	8.80	158.60	5,409.13	-285.51	95.31	300.99	1.03	-0.94	2.58
5,560.00	9.10	158.10	5,535.58	-304.02	102.66	320.87	0.24	0.23	-0.39
5,688.00	9.30	160.30	5,661.93	-323.14	109.92	341.31	0.32	0.16	1.72
5,815.00	9.80	161.50	5,787.17	-343.06	116.81	362.37	0.42	0.39	0.94
5,943.00	10.20	163.50	5,913.22	-364.25	123.48	384.60	0.41	0.31	1.56
6,070.00	8.90	163.40	6,038.46	-384.45	129.48	405.66	1.02	-1.02	-0.08

Phoenix Technology Services LP

Survey Report

Company:	Apache Corporation	Local Co-ordinate Reference:	Well #94H
Project:	Eddy County, NM (NAD27 NME)	TVD Reference:	RKB @ 3683.00usft (Capstar 119)
Site:	Lee Federal	MD Reference:	RKB @ 3683.00usft (Capstar 119)
Well:	#94H	North Reference:	Grid
Wellbore:	OH / Job #1514491	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Capstar 119)	Database:	Compass 5000 GCR

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
6,198.00	8.80	165.80	6,164.94	-403.43	134.71	425.32	0.30	-0.08	1.88
6,326.00	8.50	172.00	6,291.48	-422.29	138.43	444.40	0.76	-0.23	4.84
6,387.00	7.70	174.70	6,351.88	-430.82	139.44	452.82	1.45	-1.31	4.43
Final Phoenix MWD Survey									
6,435.00	7.70	174.70	6,399.44	-437.23	140.03	459.09	0.00	0.00	0.00
Projection to TD									

Design Annotations:				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
3,444.00	3,443.65	-22.85	15.67	Tie In to Gyro Surveys
3,557.00	3,556.65	-22.81	15.12	First Phoenix MWD Survey
6,387.00	6,351.88	-430.82	139.44	Final Phoenix MWD Survey
6,435.00	6,399.44	-437.23	140.03	Projection to TD

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) 748-0720

DISTRICT III
1000 Rio Hondo 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) 476-3160 Fax: (505) 476-3162

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

NM OIL CONSERVATION
ARTESIA DISTRICT
Form C-102
Revised August 1, 2011
Submit one copy to appropriate District Office

AUG 29 2014

RECEIVED DAMENDE REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-43365	Pool Code 96831	Pool Name Cedar Lake, Glorieta - Yeso
Property Code 308720	Property Name LEE FEDERAL	Well Number 94
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3672'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	17	17-S	31-E		105	SOUTH	850	WEST	EDDY

As-Drilled 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	17-S	31-E		333.3	NORTH	987.7	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			NSL-7349

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 665004.1 N X= 633981.1 E LAT.=32.827423° N LONG.=103.897168° W LAT.=32°49'39" N LONG.=103°53'50" W	GEODETIC COORDINATES NAD 83 NME SURFACE LOCATION Y= 665067.9 N X= 675159.8 E LAT.=32.827541° N LONG.=103.897675° W LAT.=32°49'39" N LONG.=103°53'52" W
	CORNER COORDINATES TABLE NAD 27 NME A - Y= 666213.6 N, X= 633124.2 E B - Y= 666223.9 N, X= 634444.1 E C - Y= 664902.7 N, X= 634451.6 E D - Y= 663582.1 N, X= 634459.0 E E - Y= 663571.9 N, X= 633138.8 E F - Y= 664892.6 N, X= 633131.9 E	
	CORNER COORDINATES TABLE NAD 83 NME A - Y= 666277.5 N, X= 674302.9 E B - Y= 666287.8 N, X= 675622.7 E C - Y= 664966.5 N, X= 675630.3 E D - Y= 663646.0 N, X= 675637.7 E E - Y= 663635.7 N, X= 674317.5 E F - Y= 664956.5 N, X= 674310.6 E	
	AS-DRILLED BOTTOM HOLE LOCATION NAD 27 NME Y= 664567.0 N X= 634121.1 E LAT.=32.826220° N LONG.=103.896719° W LAT.=32°49'34" N LONG.=103°53'48" W	AS-DRILLED BOTTOM HOLE LOCATION NAD 83 NME Y= 664630.8 N X= 675299.8 E LAT.=32.826338° N LONG.=103.897225° W LAT.=32°49'35" N LONG.=103°53'50" W

NOTE: AS-DRILLED BOTTOM HOLE PLOTTED FROM DATA FURNISHED BY PHOENIX TECHNOLOGY SERVICES STANDARD MWD SURVEY REPORT ON OCTOBER 26, 2015

OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *Emily Follis* Date: **8/8/16**
Printed Name: **Emily Follis**
E-mail Address: **emily.follis@apachecorp.com**

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: **JULY 31, 2014**
Signature & Seal of Professional Surveyor:
Ronald J. Eidson
Certificate Number: **3239**
Ronald J. Eidson 12641
3239

LSL REL. W.O.: 15.13.0861 JWSC W.O.: 15.13.1042

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 **NM OIL CONSERVATION** Form C-104
Energy, Minerals & Natural Resources **ARTESIA DISTRICT** Revised August 1, 2011
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505
August 9, 2016
Submit one copy to appropriate District Office
☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland TX 79705		² OGRID Number 873
⁴ API Number 30-015-43365		³ Reason for Filing Code/ Effective Date NW / 08/05/16
⁵ Pool Name CEDAR LAKE; GLORIETA-YESO	⁶ Pool Code [96831]	
⁷ Property Code 308720	⁸ Property Name LEE FEDERAL	⁹ Well Number #094

II. ¹⁰Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
	17	17S	31E		105	SOUTH	850	WEST	EDDY

¹¹ Bottom Hole Location

UI. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	20	17S	31E		333	NORTH	987	WEST	EDDY
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 08/05/16	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
252293	Holly Energy Pipeline 311 W Quay / PO Box 1360 Artesia NM 88210	O
221115	Frontier Field Services LLC 4200 East Skelly Drive Suite 700 Tulsa OK 74135	G

IV. Well Completion Data

²¹ Spud Date 10/18/15	²² Ready Date 08/05/06	²³ TD 6435	²⁴ PBDT 6435	²⁵ Perforations 4671-6028'	²⁶ DIIC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5'	13.375 48#	405	570 sx Class C		
11'	8.625 32#	3515	1400 sx Class C		
7.875'	5.5 17#	6435	940 sx Class C		
Tubing	2-7/8' J55	6240			

V. Well Test Data

³¹ Date New Oil 08/05/16	³² Gas Delivery Date 08/05/16	³³ Test Date 08/07/16	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 125	³⁹ Water 205	⁴⁰ Gas 268		⁴¹ Test Method P

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: *Emily Follis*
Printed name:
Emily Follis

Title:
Reg Analyst
E-mail Address:
emily.follis@apachecorp.com

Date:
08/09/2016
Phone:
432-818-1801

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Pressure Start Date/Time	12/27/16 8:52
Pressure Stop Date/Time	12/27/16 8:57
Pressure Start Depth (FVD)	729416 5.47
Pressure Stop Depth (FVD)	729416 5.47
State	New Mexico
County	
APF Number	38-015-1336-0000
Operator Number	A110028
Well Name	Los Febrero 94D
Federal Well	16
Longitude	-103.907161
Latitude	31.48274231
Loss/Land Protection	NAD7
Core Vertical Depth (FVD)	5.907
Tand Core Fluid Volume (bbl)	579.894

4110-56

Order No.	Customer Name	Product Name	Quantity	Unit Price	Total Price
1001	John Doe	Product A	100	1.50	150.00
1002	Jane Smith	Product B	50	2.00	100.00
1003	Bob Johnson	Product C	200	0.75	150.00
1004	Alice Brown	Product D	75	1.20	90.00
1005	Charlie White	Product E	120	0.90	108.00
1006	Diana Green	Product F	30	3.00	90.00
1007	Frank Black	Product G	180	0.60	108.00
1008	Grace King	Product H	60	1.80	108.00
1009	Henry Lee	Product I	90	1.10	99.00
1010	Ivy Clark	Product J	40	2.50	100.00
1011	Jack Hall	Product K	110	0.80	88.00
1012	Karen Adams	Product L	80	1.30	104.00
1013	Leo Baker	Product M	50	2.20	110.00
1014	Mia Evans	Product N	130	0.70	91.00
1015	Noah Foster	Product O	70	1.60	112.00
1016	Olivia Garcia	Product P	95	1.00	95.00
1017	Peter Hill	Product Q	65	1.40	91.00
1018	Quinn King	Product R	105	0.95	99.75
1019	Rachel Lee	Product S	45	2.10	94.50
1020	Sam Miller	Product T	125	0.85	106.25
1021	Tina Wilson	Product U	85	1.25	106.25
1022	Uma Young	Product V	55	1.90	104.50
1023	Victor Zane	Product W	115	0.75	86.25
1024	Wendy Bell	Product X	75	1.35	101.25
1025	Xavier Clark	Product Y	60	1.70	102.00
1026	Yara Evans	Product Z	90	1.15	103.50
1027	Zoe Foster	Product AA	40	2.60	104.00
1028	Adam Green	Product AB	135	0.65	87.75
1029	Bella Hall	Product AC	70	1.55	108.50
1030	Carl King	Product AD	50	2.30	115.00
1031	Dora Lee	Product AE	100	0.85	85.00
1032	Ethan Miller	Product AF	80	1.45	116.00
1033	Fiona Wilson	Product AG	60	1.85	111.00
1034	George Young	Product AH	110	0.70	77.00
1035	Hannah Zane	Product AI	90	1.20	108.00
1036	Ian Bell	Product AJ	70	1.65	115.50
1037	Jessica Clark	Product AK	50	2.40	120.00
1038	Kyle Evans	Product AL	120	0.60	72.00
1039	Laura Foster	Product AM	80	1.30	104.00
1040	Mark Green	Product AN	60	1.75	105.00
1041	Nancy Hall	Product AO	100	0.90	90.00
1042	Oscar King	Product AP	70	1.50	105.00
1043	Pamela Lee	Product AQ	50	2.00	100.00
1044	Quinn Miller	Product AR	130	0.55	71.50
1045	Rachel Wilson	Product AS	90	1.10	99.00
1046	Sam Young	Product AT	70	1.60	112.00
1047	Tina Zane	Product AU	60	1.80	108.00
1048	Uma Bell	Product AV	110	0.65	71.50
1049	Victor Clark	Product AW	90	1.25	112.50
1050	Wendy Evans	Product AX	80	1.40	112.00
1051	Xavier Foster	Product AY	60	1.90	114.00
1052	Yara Green	Product AZ	100	0.80	80.00
1053	Zoe Hall	Product BA	70	1.50	105.00
1054	Adam King	Product BB	50	2.10	105.00
1055	Bella Lee	Product BC	120	0.50	60.00
1056	Carl Miller	Product BD	90	1.15	103.50
1057	Dora Wilson	Product BE	70	1.60	112.00
1058	Ethan Young	Product BF	60	1.80	108.00
1059	Fiona Zane	Product BG	110	0.60	66.00
1060	George Bell	Product BH	90	1.20	108.00
1061	Hannah Clark	Product BI	80	1.40	112.00
1062	Ian Evans	Product BJ	60	1.90	114.00
1063	Jessica Foster	Product BK	100	0.75	75.00
1064	Kyle Green	Product BL	80	1.35	108.00
1065	Laura Hall	Product BM	70	1.55	108.50
1066	Mark King	Product BN	50	2.20	110.00
1067	Nancy Lee	Product BO	130	0.55	71.50
1068	Oscar Miller	Product BP	90	1.10	99.00
1069	Pamela Wilson	Product BQ	70	1.60	112.00
1070	Quinn Young	Product BR	60	1.80	108.00
1071	Rachel Zane	Product BS	110	0.65	71.50
1072	Sam Bell	Product BT	90	1.25	112.50
1073	Tina Clark	Product BU	80	1.40	112.00
1074	Uma Evans	Product BV	60	1.90	114.00
1075	Victor Foster	Product BW	100	0.80	80.00
1076	Wendy Green	Product BX	70	1.50	105.00
1077	Xavier Hall	Product BY	50	2.10	105.00
1078	Yara King	Product BZ	120	0.50	60.00
1079	Zoe Lee	Product CA	90	1.15	103.50
1080	Adam Miller	Product CB	70	1.60	112.00
1081	Bella Wilson	Product CC	60	1.80	108.00
1082	Carl Young	Product CD	110	0.65	71.50
1083	Dora Zane	Product CE	90	1.25	112.50
1084	Ethan Bell	Product CF	80	1.40	112.00
1085	Fiona Clark	Product CG	60	1.90	114.00
1086	George Evans	Product CH	100	0.75	75.00
1087	Hannah Foster	Product CI	80	1.35	108.00
1088	Ian Green	Product CJ	70	1.55	108.50
1089	Jessica Hall	Product CK	50	2.20	110.00
1090	Kyle King	Product CL	130	0.55	71.50
1091	Laura Lee	Product CM	90	1.10	99.00
1092	Mark Miller	Product CN	70	1.60	112.00
1093	Nancy Wilson	Product CO	60	1.80	108.00
1094	Oscar Young	Product CP	110	0.60	66.00
1095	Pamela Zane	Product CQ	90	1.20	108.00
1096	Quinn Bell	Product CR	80	1.40	112.00
1097	Rachel Clark	Product CS	60	1.90	114.00
1098	Sam Evans	Product CT	100	0.75	75.00
1099	Tina Foster	Product CU	80	1.35	108.00
1100	Uma Green	Product CV	70	1.55	108.50

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