

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY 16 2018

OCD Artesia

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM114973

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
SALT FORK 3 4 FEDERAL COM 1H9. API Well No.  
30-015-43665-00-S110. Field and Pool, or Exploratory  
LEO11. Sec., T., R., M., or Block and Survey  
or Area Sec 3 T19S R30E Mer NMP12. County or Parish  
EDDY13. State  
NM17. Elevations (DF, KB, RT, GL)\*  
3410 GL1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other2. Name of Operator  
APACHE CORPORATIONContact: EMILY FOLLIS  
E-Mail: Emily.Follis@apachecorp.com3. Address 303 VETERANS AIRPARK LANE SUITE 3000  
MIDLAND, TX 797053a. Phone No. (include area code)  
Ph: 432-818-1801

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface NESW 2364FSL 2258FWL

At top prod interval reported below NESW 2364FSL 2258FWL

At total depth NWSW 1979FSL 280FWL

14. Date Spudded  
07/16/201715. Date T.D. Reached  
08/19/201716. Date Completed  
☐ D & A ☒ Ready to Prod.  
11/22/201718. Total Depth: MD  
TVD 15485  
838619. Plug Back T.D.: MD  
TVD 1431520. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CBL-GR-CCL CBL-GR-CCL22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☐ No ☒ Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	48.0		476		800			
12.250	9.625 J55	40.0		3959		1350			
8.250	7.000 HCP110	26.0		7831		1600			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	7978							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	5882	15485	8650 TO 14363			PRODUCING - Bone Spring
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
8650 TO 14363	TOTAL SAND 8,513,582 #, TOTAL ACID 2,020 BBL

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/22/2017	12/03/2017	24	→	815.0	989.0	2215.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	815	989	2215	121	POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/22/2017	12/03/2017	24	→	815.0	989.0	2215.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	815	989	2215	121	POW	

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #396962 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED

BUREAU OF LAND MANAGEMENT  
SANDHILL FIELD OFFICE

Reclamation Due: 5/22/2018

10-4-18  
AT

**28b. Production - Interval C**

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

**28c. Production - Interval D**

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

**29. Disposition of Gas(Sold, used for fuel, vented, etc.)**

**SOLD**

**30. Summary of Porous Zones (Include Aquifers):**

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

**31. Formation (Log) Markers**

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
UNKNOWN	0	412	SILTSTONE,SALT,ANHYDRITE W	UNKNOWN	0
RUSTLER	412	558	ANHYDRITE,DOLO W	RUSTLER	412
SALADO	558	1933	ANHYDRITE,SALT,DOLO,SS W	SALADO	558
YATES	1933	2292	SS,ANHYDRITE,SILTSTONE,DOLO OGW	YATES	1933
SEVEN RIVERS	2292	2912	DOLO,SILTSTONE,ANHYDRITE OGW	SEVEN RIVERS	2292
QUEEN	2912	3395	SS,ANHYDRITE,DOL OGW	QUEEN	2912
GRAYBURG	3395	3594	DOLOMITE,SILTSTONE OGW	GRAYBURG	3395
CAPITAN REEF	3594	3848	DOLOMITE,LIMESTONE W	CAPITAN REEF	3594

**32. Additional remarks (include plugging procedure):**

DELAWARE 3848 - 5882 SANDSTONE,SILTSTONE,LIMESTONE OGW  
BONE SPRING 5882 - TD (15,485) LIMESTONE, SANDSTONE OGW

**33. Circle enclosed attachments:**

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
6. Core Analysis
7. Other:

**34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):**

Electronic Submission #396962 Verified by the BLM Well Information System.  
For APACHE CORPORATION, sent to the Carlsbad  
Committed to AFMSS for processing by DUNCAN WHITLOCK on 01/10/2018 (18DW0030SE)

Name (please print) EMILY FOLLIS

Title REGULATORY ANALYST

Signature \_\_\_\_\_ (Electronic Submission)

Date 12/05/2017

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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

RECEIVED

MAY 16 2018

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

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

Form C-102

Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-43665		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 1H
7 GRID NO. 873		8 Operator Name APACHE CORPORATION			9 Elevation 3410'

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
K	3	19S	30E		2384	SOUTH	2258	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
L	4	19S	30E		1979	SOUTH	280	WEST	EDDY

12 Dedicated Acres 240	13 Joint or Infill	14 Consolidation Code	15 Order No. <del>NOTE: attached for a revise of a 3160-4</del>
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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.

<b>16 GEODETIC DATA</b> NAD 83 GRID - NM EAST <b>SURFACE LOCATION (SL)</b> N: 614456.2 - E: 655869.0 LAT: 32.68863109° N LONG: 103.98105449° W <b>FIRST TAKE POINT (FTP)</b> N: 614402.9 - E: 655642.0 LAT: 32.6884869° N LONG: 103.9817929° W MD = 8354.13 / TVD = 8306.06 <b>TOP OF FISH (TOF)</b> N: 614052.8 - E: 649727.0 LAT: 32.6875802° N LONG: 103.9810228° W MD = 14372.00 / TVD = 8397.37 <b>LAST TAKE POINT (LTP)</b> N: 614051.0 - E: 648854.3 LAT: 32.6875850° N LONG: 103.9845096° W MD = 15444.97 / TVD = 8397.73 <b>BOTTOM LOCATION (BH)</b> N: 614050.4 - E: 648614.3 LAT: 32.6875837° N LONG: 103.9846396° W MD = 15485.00 / TVD = 8387.17		<b>17 CORNER DATA</b> 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		<b>18 OPERATOR CERTIFICATION</b> 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>Emily Follis</i> Date: 01/09/13 Printed Name: EMILY FOLLIS E-mail Address: emily.follis@apachecorp.com	
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**19 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: 4-2-2015  
 Signature and Seal of Professional Surveyor: *Robert M. Howett*  
 Certificate Number: 19880  
 AS DRILL: 9/5/17

Job No.: LS1503113D