

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

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

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

Operator name and Address Apache Corporation 303 Veterans Airport Lane Suite 1000 Midland TX 79705		OGRID Number 873
Reason for Filing Code/ Effective Date NWI 11/22/17		
API Number 30-015-43685	Pool Name LEO,BONE SPRING, SOUTH	Pool Code 37920
Property Code 318024	Property Name SALT FORK 3- 4 FEDERAL COM	Well Number #001H

II. Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South Line	Feet from the	East/West line	County
K	3	19S	30E		2364	SOUTH	2258	WEST	EDDY

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
L	3	19S	30E		1979	SOUTH	280	WEST	EDDY

Use Code	Producing Method Code	Gas Connection Date	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date
F	P	11/22/17	nsi-7604		

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	O/G/V
252293	Holy Energy Pipeline 311 W Quay / PO Box 1380 Artesia NM 88210	O
36785	DCP MIDSTREAM LP 370 17th Street, Suite 2500 Denver, CO 80202	G

IV. Well Completion Data

Spud Date	Ready Date	TD	PBTD	Perforations	DHC, MC
07/22/2017	11/22/17	15,485	14,315	8850-14,363	
Hole Size	Casing & Tubing Size	Depth Set	Sacks Cement		
17.5"	13.375" 48# H40	478'	300' 6x Class C		
12.25"	9.825" 40# J55	3950'	1350' 6x Class C		
8.5"	7" 26# HCP110/5.6 17# HCP	7,829/15,494'	1888' 6x Class C		
Tubing	2.875 J55 6.50#	7978'			

V. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Tbg. Pressure	Cig. Pressure
11/22/17	11/22/17	12/3/17	24 hrs		
Choke Size	Oil	Water	Gas	Test Method	
	815	2215	989	P	

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 Foltz*
Printed Name: Emily Foltz
Title: Reg Analyst
E-mail Address: emily.foltz@apachecorp.com
Date: 12/04/17
Phone: 432-616-1801

Oil CONSERVATION DIVISION
Approved by: *Rustyn Hernandez*
Title: Business Development
Approval Date: 12-6-2017

Pending BLM approvals will subsequently be reviewed and scanned

NM OIL CONSERVATION
ARTESIA DISTRICT
DEC 06 2017
RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM114973

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
 Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
APACHE CORPORATION
Contact: EMILY FOLLIS
E-Mail: Emily.Follis@apachecorp.com

8. Lease Name and Well No.
SALT FORK FED COM 1H

3. Address 303 VETERANS AIRPARK LANE SUITE 1000
MIDLAND, TX 79705

3a. Phone No. (include area code)
Ph: 409 791 4300

9. API Well No.
30-015-43665

4. Location of Well (Report location clearly and in accordance with Federal requirements)
 At surface Sec 3 T19S R30E Mer
 NESW 2364FSL 2258FWL
 At top prod interval reported below Sec 3 T19S R30E Mer
 NESW 2364FSL 2258FWL
 At total depth Sec 4 T19S R30E Mer
 NWSW 1979FSL 280FWL

WILDLIFE CONSERVATION

SEP 04 2018

RECEIVED

10. Field and Pool, or Exploratory
LEA: BONE SPRINGS: SOUTH

11. Sec., T., R., M., or Block and Survey
or Area Sec 3 T19S R30E Mer

12. County or Parish
EDDY COUNTY

13. State
NM

17. Elevations (DF, KB, RT, GL)*
3410 GL

14. Date Spudded
07/16/2017

15. Date T.D. Reached
08/19/2017

16. Date Completed
 D & A Ready to Prod.

18. Total Depth: MD 15485
TVD 8386

19. Plug Back T.D.: MD 14315
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL-GR-CCL

22. 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 Sk. & 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
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	
							121		

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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

Pending BLM approvals will subsequently be reviewed and scanned

Handwritten signature

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

ELECTRONIC SUBMISSION #400143 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Never received copy of completion from operator until 9-24-2017

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
QUATERNARY(SURFACE)	0	412	SILTSTONE,SALT,ANHYDRITE W	QUATERNARY(SURFACE)	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

*****NOTE***** REVISED 3160-4 PER REQUEST OF DEBORAH HAM, SEE ATTACHED C:102, CORRECTION HAVE BEEN MADE 01/09/18

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 #400143 Verified by the BLM Well Information System.
 For APACHE CORPORATION, sent to the Carlsbad

Name (please print) EMILY FOLLIS Title REGULATORY ANALYST

Signature (Electronic Submission) Date 01/09/2018

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.

**** ORIGINAL ** ORIGINAL ****

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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

5. Lease Serial No.
NMNM113962

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
SALT FORK 3-4 FEDERAL COM 1H

9. API Well No.
30-015-43665

10. Field and Pool or Exploratory Area
LEA:BONE SPRINGS:SOUTH

11. County or Parish, State
EDDY COUNTY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
APACHE CORPORATION
Contact: EMILY FOLLIS
E-Mail: Emily.Follis@apachecorp.com

3a. Address
303 VETERANS AIRPARK LANE SUITE 1000
MIDLAND, TX 79705
3b. Phone No. (include area code)
Ph: 432-818-1801

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 3 T19S R30E 2364FSL 2258FWL

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Production Start-up
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recomplete 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must 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 08/20/17 TOC @ 170'
10/10/17 REVIEW JSA, TOH W/ TBG TEST CSG TO 2000# FOR 30MIN. TEST GOOD
RU RENEGADE WL. PU RIH W/ CBL-GR-CCL TO 7855' LOG FROM 7855'- SURF EST CEMENT TOP @ 170'. RDMO WL/
OPS
Start Frac
10/20/17 - 10/31/17 44 STAGE FRAC FROM (8,650- 14,362)
TOTAL SAND 8,513,582 lbs.
TOTAL ACID 2,020 BBL
11/15/17 Drill Out Ops

**NM OIL CONSERVATION
ARTESIA DISTRICT**
FEB 02 2018
RECEIVED

14. I hereby certify that the foregoing is true and correct.
**Electronic Submission #396961 verified by the BLM Well Information System
For APACHE CORPORATION, sent to the Carlsbad**

Name (Printed/Typed) EMILY FOLLIS Title REGULATORY ANALYST

Signature (Electronic Submission) Date 12/05/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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 _____

*Pending BLM approvals will
subsequently be reviewed
and scanned*

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

Additional data for EC transaction #396961 that would not fit on the form

32. Additional remarks, continued

11/19/17 FINISHED POOH LAYING DOWN WORKSTRING - DE-MOB RIG & ASSOCIATED DRILL OUT EQUIPMENT - TURN WELL OVER TO PRODUCTION

11/19/17 WOD. MIRU Renegade Services. Open well @ found @ 0#. RIH w/ 6" gauge ring to top of x-over @ 7829'. POOH & LD gauge ring. RIH w/ 7" x 2-7/8" Arrowset 1X PKR w/ carbide slips & 2-7/8" pump out plug. Set PKR @ 7800'. POOH w/ WL & RDMO. SD. SI well. SDFN. Prep to RIH w/ prod TBGSDFN.

11/20/17 MIRUSU & MIRU pump truck. ND frac spool & NU BOP. Open well & found @ 0#. RIH w/ 2-7/8" T2 on/off tool 2.31X on 239 JTS of 2-7/8" J-55 TBG w/ 12.23' of TBG subs. Circ 280 bbls F/W w/ PKR fluid. Latch on to PKR. Test PKR to 500# for 30 mins. ND BOP & NU wellhead. Tie on to TBG & burst pump out plug @ 2000#. SD. SI well. SDFN. Prep to RU flow back equip & flow back well. SDFN.

11/21/17 Build wellhead. Unload & RU flow back equip. Open well & found @ 0#. RU swab equip. 1st swab run FL @ 300' FS. Make 4 swab runs & swab back 12 BBLs of water. Well started to flow @ 30#. RD swab equip. Clean location. RDMOSU & RDMO pump truck. Prep to flow back 2nd Bone Spring. Final report. SDFN.

11/22/17 First Flow

11/24/17 Well stopped flowing 11-23. Found well @ 0#. RU swab equip. 1st run FL 300' FS. Make 16 total swab runs. FL @ 200'-300' FS each run. Swab back 160 bbls water. Well will not flow. SI well.

Lay down swab equip. SDFN. Prep to POOH w/ TBG & PKR on 11-26. SDFN.

11/26/17 NU BOP. Open well @ found @ 0#. Release PKR. POOH w/ 2-7/8" J-55 TBG & 7" PKR. LD PKR. SD. SI well. SDFN. Prep to RIH w/ ESP & TBG. SDFN.

11/27/17 MIRU Summit ESP. Open well & found @ 0#. RIH w/ 391 STG SF2700/SFNPSH sub pump on 234 JTS of 2-7/8" J-55 TBG. Make pigtail splice & land unit. RDMO Summit ESP. ND BOP & NU wellhead. Start production through flowback equip. Clean location. RDMOSU & RDMO pump truck. Prep to pump test 2nd Bone Spring. Final report. RWTP.



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMMN113962
2. Name of Operator APACHE CORPORATION Contact: EMILY FOLLIS E-Mail: Emily.Follis@apachecorp.com		6. If Indian, Allottee or Tribe Name
3a. Address 303 VETERANS AIRPARK LANE SUITE 1000 MIDLAND, TX 79705	3b. Phone No. (include area code) Ph: 432-818-1801	7. If Unit or CA/Agreement, Name and/or No. 8. Well Name and No. SALT FORK 3-4 FEDERAL COM 1H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 3 T19S R30E 2364FSL 2258FWL		9. API Well No. 30-015-43665
		10. Field and Pool or Exploratory Area LEA:BONE SPRINGS:SOUTH
		11. County or Parish, State EDDY COUNTY COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
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TOTAL SAND 8,513,582 lbs.
TOTAL ACID 2,020 BBL

11/15/17 Drill Out Ops

NM OIL CONSERVATION
ARTESIA DISTRICT
FEB 02 2018

RECEIVED

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

**Electronic Submission #396961 verified by the BLM Well Information System
For APACHE CORPORATION, sent to the Carlsbad**

Name (Printed/Typed) EMILY FOLLIS	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 12/05/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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 _____

Pending BLM approvals will
subsequently be reviewed
and scanned



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(Instructions on page 2)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #396961 that would not fit on the form

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11/21/17 Build wellhead. Unload & RU flow back equip. Open well & found @ 0#. RU swab equip. 1st swab run FL @ 300' FS. Make 4 swab runs & swab back 12 BBLs of water. Well started to flow @ 30#. RD swab equip. Clean location. RDMOSU & RDMO pump truck. Prep to flow back 2nd Bone Spring. Final report. SDFN.

11/22/17 First Flow

11/24/17 Well stopped flowing 11-23. Found well @ 0#. RU swab equip. 1st run FL 300' FS. Make 16 total swab runs. FL @ 200'-300' FS each run. Swab back 160 bbls water. Well will not flow. SI well.

Lay down swab equip. SDFN. Prep to POOH w/ TBG & PKR on 11-26. SDFN.

11/26/17 NU BOP. Open well @ found @ 0#. Release PKR. POOH w/ 2-7/8" J-55 TBG & 7" PKR. LD PKR. SD. SI well. SDFN. Prep to RIH w/ ESP & TBG. SDFN.

11/27/17 MIRU Summit ESP. Open well & found @ 0#. RIH w/ 391 STG SF2700/SFNPSH sub pump on 234 JTS of 2-7/8" J-55 TBG. Make pigtail splice & land unit. RDMO Summit ESP. ND BOP & NU wellhead. Start production through flowback equip. Clean location. RDMOSU & RDMO pump truck. Prep to pump test 2rd Bone Spring. Final report.

RWTP.