

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

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

¹ Operator name and Address Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland TX 79705		² OGRID Number 873
⁴ API Number 30-015-43666		³ Reason for Filing Code/ Effective Date NW/11/22/17
⁵ Pool Name LEO;BONE SPRING, SOUTH	⁶ Pool Code 37920	
⁷ Property Code 316024	⁸ Property Name SALT FORK 3- 4 FEDERAL COM	⁹ Well Number #002H

II. ¹⁰ Surface Location

U/I 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		2305	SOUTH	2270	WEST	EDDY

¹¹ Bottom Hole Location

U/I or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	3	19S	30E		675	SOUTH	362	WEST	EDDY

¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 11/22/17	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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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 1380 Artesia NM 88210	O
36785	DCP MIDSTREAM LP 370 17th Street, Suite 2500 Denver, CO 80202	G

IV. Well Completion Data

²¹ Spud Date 07/22/2017	²² Ready Date 11/22/17	²³ TD 15,893' / 8370	²⁴ PBD 15,825'	²⁵ Performances 12,892-15,805'	²⁶ DHC, MIC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5'	13.375 48# J55	476'	800 sx Class C ✓		
12.25'	9.625 40#J55	3968'	1100 sx Class C ✓		
8.75'	7 26# P110/5.5 17#	7927'/15,893'	2640 sx Class C ✓		
Tubing	2.875 J55 6.50	7913'			

V. Well Test Data

³¹ Date New Oil 11/22/17	³² Gas Delivery Date 11/22/17	³³ Test Date 12/03/2017	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 944	³⁹ Water 1883	⁴⁰ Gas 1194	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 Folis*
Printed Name: Emily Folis
Title: Reg Analyst
E-mail Address: emily.folis@apachecorp.com
Date: 12/07/2017
Phone: 432-616-1801

OIL CONSERVATION DIVISION

Approved by: *Raymond H. Rodary*
Title: Geologist
Approval Date: 12-18-2017

Pending BLM approvals will subsequently be reviewed and scanned

NM OIL CONSERVATION
ARTESIA DISTRICT

DEC 13 2017

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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

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMNM113962	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator APACHE CORPORATION		Contact: EMILY FOLLIS E-Mail: Emily.Follis@apachecorp.com	
3. Address 303 VETERANS AIRPARK LANE SUITE 1000 MIDLAND, TX 79705		3a. Phone No. (include area code) Ph: 432-818-1801	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 2305FSL 2270FWL At top prod interval reported below 675FSL 362FWL At total depth 675FSL 362FWL		7. Unit or CA Agreement Name and No.	
14. Date Spudded 07/17/2017		15. Date T.D. Reached 09/16/2017	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/17/2017		17. Elevations (DF, KB, RT, GL)* 3413 GL	
18. Total Depth: MD 15893 TVD		19. Plug Back T.D.: MD 15825 TVD	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CCL, GR	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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		3968		1100			
8.750	7.000 P110	26.0		7927		2640			
8.750	5.000 P110	17.0		15893					

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	7913							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRINGS	5885	15893	8681 TO 15805			PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8681 TO 15805	TOTAL ACID 2,496 BBL, TOTAL SAND 10,505,039#

NM OIL CONSERVATION
ARTESIA DISTRICT
DEC 13 2017
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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	→	944.0	1194.0	1883.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→				126	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
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						

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

ELECTRONIC SUBMISSION #397335 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

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

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
SALT FORK 3-4 FEDERAL COM 2H

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

9. API Well No.
30-015-43666

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

3b. Phone No. (include area code)
Ph: 432-818-1801

10. Field and Pool or Exploratory Area
LEO, BONE SPRING, SOUTH NM

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 3 T19S R30E 2305FSL 2270FWL

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
<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 09/17/17

TOC@3370'

AC 12-13-17
Accepted for record - NMOCD

10/3/17 MIRU RAIDER TO TEST CASING AND PUMP DFIT. PRESSURE TEST CASING TO 3000 PSI FOR 30 MIN. FINAL PRESSURE 2970 PSI. TOTAL LEAK OFF 30 PSI. PUMP DFIT RD RAIDER. SDFN.
10/17/17 MIRU PUMPS AND IRON. SAND STILL PRE FILLING. ALL TANKS TREATED AND PRE FILLED. LAY FRAC GROUND IRON. RIG IN PUMPS AND RESTRAINTS. SPOT DATA VAN. CONTINUE TO FILL SILOS. SPOTTED FUEL TRANSFER. CONTINUE RIG UP. FRAC WAITING ON DELIVERIES

10/18-10/23/17 FRAC (8681- -15,805') 55 STAGES - PUMPCO

NM OIL CONSERVATION
ARTESIA DISTRICT

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

**Electronic Submission #397288 verified by the BLM Well Information System
For APACHE CORPORATION, sent to the Carlsbad**

DEC 13 2017

Name (Printed/Typed) EMILY FOLLIS

Title REGULATORY ANALYST

RECEIVED

Signature (Electronic Submission)

Date 12/07/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____
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.

Title _____
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 knowi States any false, fictitious or fraudulent statements or representations as to any matter within its juris

United

Additional data for EC transaction #397288 that would not fit on the form

32. Additional remarks, continued

TOTAL SAND # 10,505,039 lbs
TOTAL ACID 2496 bbl

11/02/17 RIG DOWN MOVE OUT FRAC CREWS
11/03/17 MIRU OIL STATES CRANE UNIT & ND WL FLANGES & FRAC HEAD DOWN TO SWAB VALVE - INSTALLED
NIGHT CAP
11/22/17 FIRST FLOW
11/24-26/17 SWAB WELL
11/28/17 POOH W/ TBG & PKR
11/29/17 RIH W/ESP & TBG
11/30/17 TEST FLOWLINE & START ESP - FINAL REPORT