

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 recomplete an abandoned well. Use form 3160-3 (APD) for such proposals.

**Carlsbad Field Office
and Hobbs**

5. Lease Serial No.
NMNM12412

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
SOUTHEAST LUSK 27 FEDERAL 1

9. API Well No.
30-025-38678-00-S1

10. Field and Pool or Exploratory Area
LUSK

11. County or Parish, State
LEA COUNTY, NM

SUBMIT IN TRIPLICATE - Other Instructions on page 2

**HOBBS OCD
APR 10 2019
RECEIVED**

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
APACHE CORPORATION
Contact: ALICIA FULTON
E-Mail: Alicia.fulton@apachecorp.com

3a. Address
303 VETERANS AIRPARK LANE SUITE 3000
MIDLAND, TX 79705

3b. Phone No. (include area code)
Ph: 432-818-1111

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 27 T19S R32E SESW 487FSL 1980FWL

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 Workover Operations
	<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 request to add perms to the existing pool and acidize
perf 4470-4614 acidize w/3000 gals 15% HCL
attached are current and proposed wellbore diagrams and complete procedures

14. I hereby certify that the foregoing is true and correct.
**Electronic Submission #461999 verified by the BLM Well Information System
For APACHE CORPORATION, sent to the Hobbs
Committed to AFMSS for processing by PRISCILLA PEREZ on 04/18/2019 (19PP1603SE)**

Name (Printed/Typed) ALICIA FULTON Title SR REGULATORY ANALYST

Signature (Electronic Submission) Date 04/17/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title **Accepted for Record** Date **APR 26 2019**

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 **Jonathon Shepard
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.



April 17, 2019

Southeast Lusk 27 Federal #1
API # 30-025-38678
Lea County, NM

Production Casing: 5-1/2" 20# @ 7,798'
Current Producing Interval: 4,878'-88', 5,824'-36'

Objective:

Perforate and acidize Bell Canyon

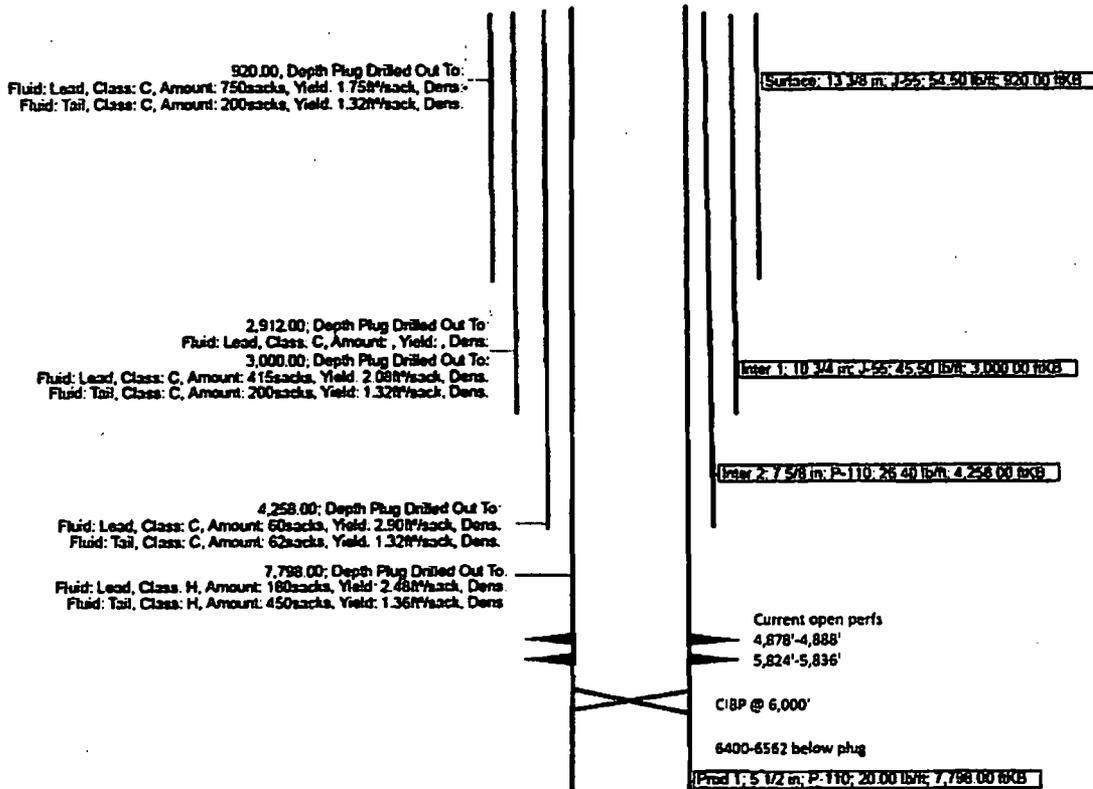
Procedure:

1. POOH with rods
2. Send pump in for repairs
3. POOH w/ tubing
4. MIRU WL Truck and pressure test lubricator
5. RIH w/ CIBP to 4,650' and cement in place
6. Pressure test casing to 300 psi
7. RIH w/ perf gun and perforate interval 4,470'-4,614' in 1 run w/ 4 SPF and 90 deg phasing
 - 4470-4476 24 holes
 - 4580-4584 16 holes
 - 4592-4594 8 holes
 - 4605-4608 12 holes
 - 4610-4614 16 holes76 holes
8. RDMO WL truck
9. RIH w/ packer to 4,450' and pressure test to 300 psi
10. MIRU Acid Truck
11. Acidize with 3,000 gals of 15% HCl
 - 1st stage: 1,500 gals
 - Drop rock salt
 - 2nd stage: 1,500 gals
 - Flush w/ water
12. RDMO acid truck
13. POOH w/ pkr
14. RIH w/ tubing, rods, and rod pump
15. Return well to production

Southeast Lusk 27 Federal # 1

Original WBD

30-025-38678



**Southeast Lusk 27 Federal #1
Proposed WBD ADD Perforations
30-025-38678**

920.00; Depth Plug Drilled Out To:
Fluid: Lead, Class: C, Amount: 750sacks, Yield: 1.75M³/sack, Dens:
Fluid: Tail, Class: C, Amount: 200sacks, Yield: 1.32M³/sack, Dens:

Surface: 13,378 m, J-25, 54,501 bbl, 920.00 MCB

2,912.00; Depth Plug Drilled Out To:
Fluid: Lead, Class: C, Amount: , Yield: , Dens:
3,000.00; Depth Plug Drilled Out To:
Fluid: Lead, Class: C, Amount: 415sacks, Yield: 2.08M³/sack, Dens:
Fluid: Tail, Class: C, Amount: 200sacks, Yield: 1.32M³/sack, Dens:

Inter 1: 10,314 m, J-55, 35,501 bbl, 3,000.00 MCB

4,258.00; Depth Plug Drilled Out To:
Fluid: Lead, Class: C, Amount: 60sacks, Yield: 2.90M³/sack, Dens:
Fluid: Tail, Class: C, Amount: 62sacks, Yield: 1.32M³/sack, Dens:

Inter 2: 7,578 m, P-110, 26,401 bbl, 4,258.00 MCB

7,798.00; Depth Plug Drilled Out To:
Fluid: Lead, Class: H, Amount: 180sacks, Yield: 2.48M³/sack, Dens:
Fluid: Tail, Class: H, Amount: 450sacks, Yield: 1.36M³/sack, Dens:

Proposed perms:
4,470'-4,476', 4,580'-4,584',
4,592'-4,594', 4,605'-4,608',
4,610'-4,614'

Current open perms.
4,878'-4,888
5,824'-5,836

CIBP @ 6,000

6400-6562 below plug

Prod 1: 5,172 m, P-110, 20,001 bbl, 7,798.00 MCB