

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

OCD-HOBBS
JUL 06 2011

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.
NM 01135

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
APACHE CORPORATION

3a. Address
303 VETERANS AIRPARK LN, STE 3000
MIDLAND, TX 79705

3b. Phone No. (include area code)
432 818.1072

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1545' FNL & 1980' FWL

Sec. 33, T19S, R32E

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

8. Well Name and No
South Lusk 33 Federal #1

9. API Well No
30-025-36312

10. Field and Pool or Exploratory Area
Morrow East (Gas)

11. Country or Parish, State
Lea County, NM

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"/> Fracture Treat	<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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<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 recompleate 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 recompleation 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 CORPORATION PROPOSES TO RECOMPLETE THIS WELL IN THE DELAWARE ZONE & RWTP USING THE ATTACHED PROCEDURE.

* Plug Back as per NOI to plug & Abandon

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
MITCH MASON

Title ENG. TECH

Signature

Mitch Mason

Date 05/11/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

James A. Chino

Title SGAS

Date 6-27-11

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 the rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office CPO

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.

(Instructions on page 2)

South Lusk 33 Federal #1

API # 30-025-36312

Sec 33, T19S, R32E

Elevation: 3566' KB, 3539' GL

TD: 12834'

PBTD:

Casing Record: 20" 94# K-55 @ 890' w/1315sx CIRC
13-3/8" 68# @ 2580' w/2060sx CIRC
9-5/8" 47# @ 4369 w/900sx TOC = 2475'
5-1/2" 17# N-80 & P-110 @ 12834' w/2757sx TOC = 4400'

Perfs: 12023-28'

Objective: ~~Test~~ Delaware and RTP

AFE:

1. MIRU unit. ND WH. NU BOP
2. PU + Rd Trip w/ 4-3/4" bit + csg scraper for 5-1/2" 17# csg and 2-7/8" 6.5#/ft L-80 or N-80 8rd EUE. Identify + record PBTD.
3. RU WL, If PBTD > 12023 set CIBP w/ WL above Atoka perfs @ $\pm 12000'$ & dump bail 3sx cmt on top. Pressure test CIBP & csg to 500 psi.
4. Perforate Delaware f/ 5650-5660', 5674-5684' w/ 4 spf 90 deg phasing (80 holes, 20 net feet). (Charge Specs: 0.4" diameter, 43" penetration) **Correlate to Baker Hughes Dual Laterolog, Micro Laterolog, Gamma Ray log dated 1/22/04**
5. RIH w/ SN + treating pkr on WS. Set pkr just above new perfs at $\pm 5600'$. Acidize new perfs from 5650-5684' w/ 2500 gals 15% NEFE acid and 120 ball sealers. Max treating pressure = 3000 psi. (Pkr: Baker Hughes R-3 double grip pkr or equivalent)
6. RU swab equip to recover load and swab test perfs for fluid entry and oil cut. Swab until fluid is 7 in pH. Report results to Midland.
7. RD swab equipment & TOH w/ PKR + Tbg. If zone appears productive RU frac equipment & frac Delaware f/5650-5684' down casing as per vendor design.
8. Flow back well. Rd Trip tbg w/ notched collar to check for fill and CO if necessary.
9. PU + TIH w/ new 2-7/8" J-55 6.5#/ft 8rd EUE production tbg.
10. PU + TIH w/ new rods as per Hobbs office specifications.
11. RDMOPU. Return well to production and place into test for 10 days.