

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**Carlsbad Field Office**  
**OCD Artesia**

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. NMLC060325
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No. NMNM135686X
8. Well Name and No. THUNDERBIRD A 5H
9. API Well No. 30-015-44436-00-X1
10. Field and Pool or Exploratory Area LOCO HILLS-GLORIETA-YESO
11. County or Parish, State EDDY COUNTY, NM

**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	
2. Name of Operator APACHE CORPORATION	Contact: <b>SORINA FLORES</b> E-Mail: sorina.flores@apachecorp.com
3a. Address 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705	3b. Phone No. (include area code) Ph: 432-818-1167
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 33 T16S R30E SWNE 2315FNL 1955FEL 32.878929 N Lat, 103.974731 W Lon	

**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 Drilling 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.

BLM-CO-1463 NMB-000736 (NATIONWIDE)

10/19/17: Spud (notify BLM, Chase), drlg 17-1/2" surf to 425' TD, Run 13-3/8" 48# J55 STC csg to TD, cmt w/450sx Cl C w/2% CaCl2 (1.34yld, 14.8ppg), circ 177sx to surf.

10/20-10/22/17: Notify BLM of tst BOP, test csg 1300psi/30min-OK, Drlg 12-1/4" interm hole f/425-3215', Notify BLM, Jim, of csg/cmt job, Run 9-5/8" 36# J55 LTC csg to TD, cmt w/LEAD: 1100 Poz CL C w/5% salt, 6% bentonite, 3pps kolseal, 0.4 defoamer, 0.125pps CF (1.92yld, 12.9ppg) TAIL: 300sx Cl C (1.32yld, 14.8ppg), circ 769sx to surf, WOC 4hrs.

10/23-11/6/17: Test BOP/csg, 1500psi/30min-OK, TIH, Drlg 8-1/2" prod hole f/3215-4319', PU 90' core barrel, core f/4375-5210', LD core barrel, TIH w/DP, drlg pilot hole f/5210-5910'.

RECEIVED

OCT 12 2018

DISTRICT II-ARTESIA O.C.D.

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

**Electronic Submission #436287 verified by the BLM Well Information System**  
**For APACHE CORPORATION, sent to the Carlsbad**  
**Committed to AFMSS for processing by PRISCILLA PEREZ on 09/20/2018 (18PP2712SE)**

Name (Printed/Typed) **SORINA FLORES**

Title **SUBMITTING CONTACT**

Signature (Electronic Submission)

Date **09/20/2018**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**  
**ACCEPTED FOR RECORD**

Approved By \_\_\_\_\_

Title

Date

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

SEP 21 2018

/s/ Jonathon Shepard

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 provide false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction to any department or agency of the United States.

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

(Instructions on page 2)

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

10/23/-11/6/17: Test BOP/csg, 1500psi/30min-OK, TIH, Drlg 8-1/2" prod hole f/3215-4319', PU 90' core barrel, core f/4375-5210', LD core barrel, TIH w/DP, drlg pilot hole f/5210-5910'.

11/7-11/8/17: Strap out of hole to run logs, RU Schlumberger, loggers TD @ 5903', called BLM, Gabriel, inform of first cmt plug. Set first cmt plug f/5780-5910' w/LEAD: 80sx CI H (1.18yld, 15.6ppg) , Circ, WOC 8 hrs, TIH, tag cmt @ 5780', circ WOC, spoke w/Zota @ BLM on 11/8 to discuss plan to add cmt plug on top of btm plug to get plug height to minimum of 5700, approved to proceed, also reviewed plan to add RKB to inside of interm csg ~3133 in middle of jt of csg above int FC, Pmp cmt plug f/5780-5580' w/LEAD: 80sx CI H (1.18yld, 15.6ppg), WOC.

11/9/17: TIH, tag top of cmt plug @ 5584', TOOH, to set top/kick off cmt plug, RU Par 5, set 700' cmt plug w/LEAD: 450sx CI H w/0.5% dispersant (0.94yld, 17.5ppg), TOH, WOC, TIH, top of plug @ 3580', set retrievable bridge plug @ 3126', RU 3<sup>rd</sup> party to test, 500psi/30 min-OK, TOOH, LD DC & DP.

11/10/17: ND BOP, install dry hole cap, test to 500psi, test ok, RR 11/10/17.