

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTCarlsbad Field Office  
OCD ArtesiaFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018Serial No.  
NMLC060325**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		7. If Unit or CA/Agreement, Name and/or No. NMMN135686X
2. Name of Operator APACHE CORPORATION		8. Well Name and No. THUNDERBIRD DEVELOPMENT UNIT 5H
Contact: ALICIA FULTON E-Mail: ALICIA.FULTON@APACHECORP.COM		9. API Well No. 30-015-44436-00-X1
3a. Address 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705	3b. Phone No. (include area code) Ph: 432.818.1088	10. Field and Pool or Exploratory Area LOCO HILLS-GLORIETA-YESO
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		11. County or Parish, State EDDY 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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Production Start-up
	<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 recompleat 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 recompleat 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:

Rig Release 8/1/2018

8/5-8/7 Tag DV Tool at 4020' drill out dv and debris

8/10/2018 transferred water from location to pit wait to frac

9/14- rig up frac fleet and pressure test 7000psi good open well and test casing to 4000psi sleeve opened at 4556 psi begin frac

9/14-9/16 frac stages 1-27 5 1/2 packer plus open hole dual element packer 4050-12280

w/tbltr=112,442bbl propant total 100 mesh=2,556,980lbs, 40/70=1,279,480lbs 40/70RC=1,272,525 lbs

9/18-9/23 MIRU all equipment RIH with work string mill out debris

NM OIL CONSERVATION  
ARTESIA DISTRICT

FEB 08 2019

RECEIVED

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #448760 verified by the BLM Well Information System For APACHE CORPORATION, sent to the Carlsbad Committed to AFMSS for processing by PRISCILLA PEREZ on 01/07/2019 (19PP0696SE)	
Name (Printed/Typed) ALICIA FULTON	Title SR. REGULATORY ANALYST
Signature (Electronic Submission)	Date 12/20/2018

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

Approved By _____	ACCEPTED FOR RECORD	FEB 01 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	/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 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)

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

**Additional data for EC transaction #448760 that would not fit on the form**

**32. Additional remarks, continued**

9/24-shut down and wait on production

11/30 RIH W/ 10 JTS TAIL PIPE, PU DS, MOTOR, INTAKE, SEALS , WENT TO PLUG IN CABLE AND WIND GOT TO STRONG, PICK UP JT OF TBG , SI, SDFN

12/3- OPEN WELL UP AND CONT PU ESP, RU SPOOLERS, TIE IN CABLE & CT LINE, PU 6' SUB, 5.38" SAND GUARD, SN, 6' SUB, 118 JTS TBG, MAKE UPPER SPLICE, LAND WELL, NDBOP, FLANGE WELL UP, RDMO

12/4 turn over to production