

Submit 1 Copy To Appropriate District
Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-44436
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name THUNDERBIRD DEVELOPMENT UNIT 326054
8. Well Number 5H
9. OGRID Number 873
10. Pool name or Wildcat LOCO-HILLS-GLORIETA-YESO

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator Apache Corporation 873	
3. Address of Operator 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705	
4. Well Location Unit Letter Section 33 2315 feet from the NORTH line and 1955 feet from the EAST line Township 16S Range 30E NMPM County EDDY	
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL. <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

PER SLO LETTER INCLUDED WE ARE REQUIRED TO CHANGE THE NAME OF THIS LEASE FROM THE THUNDERBIRD A TO THE THUNDERBIRD DEVELOPMENT UNIT.

PLEASE UPDATE NAME CHANGE TO THUNDERBIRD DEVELOPMENT UNIT.

RECEIVED

AUG 16 2019

DISTRICT IV-ARTESIA O.C.D.

"FED. WELL"
Name Change Sundry
Approved by BLM 9/21/18
See attached AB

Spud Date:

10/18/17

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Alicia Fulton

TITLE Sr. Staff Reg Analyst

DATE 8/13/2019

Type or print name Alicia Fulton

E-mail address: alicia.fulton@apachecorp.com

PHONE: (432) 818-1062

For State Use Only

APPROVED BY:

Staff Mgr.

TITLE

DATE

8/20/19

Conditions of Approval (if any):

RIF 8-22-19



Aubrey Dunn
COMMISSIONER

State of New Mexico
Commissioner of Public Lands

310 OLD SANTA FE TRAIL
P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

COMMISSIONER'S OFFICE

Phone (505) 827-5760
Fax (505) 827-5766
www.nmstatelands.org

Apache Corporation
ATTN: Ms. Jan Baker
303 Veterans Airpark Lane, Suite 1000
Midland, TX 79705-4561

July 16, 2018

RE: Final Approval of Unit Agreement
Thunderbird Development Unit
Eddy County, NM

Dear Ms. Baker:

This office has received Apache Corporation's letter dated April 19, 2018, requesting final approval for the Thunderbird Development Unit, Eddy County, New Mexico.

The New Mexico State Land Office has this date granted final approval for the Thunderbird Development Unit Agreement. State Land Office approval is subject to like approval by the Bureau of Land Management and the New Mexico Oil Conservation Division.

- The unit agreement becomes effective on May 1, 2018.
- The NM State Land Office has also received Apache's letter dated April 18, 2018, requesting an extension from November 1, 2018, to September 2019 to comply with the Section 9 requirement to submit an initial paying well determination. Section 9 of the unit agreement also allows the AO and Land Commissioner to modify any of the drilling requirements by granting reasonable extensions of time when, in their opinion, such action is warranted. In a letter dated June 13, 2018, the AO granted this extension to September 1, 2019. The State Land Office concurs with the BLM's extension to submit a paying well determination no later than **September 1, 2019**.
- Your filing fee of \$600 has been received.
- Enclosed are five (5) Certificates of Approval.
- Please note the attached checklist to assist in completing the NM State Land Office requirements for this unit.

If you have any questions or if we may be of further assistance, please contact Units Manager Marilyn Gruebel at 505.827.5791 or mgruebel@slo.state.nm.us.

Respectfully


AUBREY DUNN
COMMISSIONER OF PUBLIC LANDS

AD/mg

cc: NMOCD – Attn: Mr. Daniel Sanchez
NMRMD – Attn: Mr. Roddy Martinez
BLM CFO – Attn: Mr. Chris Walls
OGMD and Units Reader Files

NM State Land Office Post-Approval Checklist
For Thunderbird Development Unit

- ☐ By September 1, 2019, submit a "paying quantities" determination request.
- ☐ Name all unit wells as "Thunderbird Development Unit" wells.
- ☐ Provide a Plan of Development (POD) every year by March 1 that updates the POD submitted with the request for final approval.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTCarlsbad Field Office
Carlsbad Field Office
CD ArtesiaFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018Serial No.
000325**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.

If Indian, Allottee or Tribe Name

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. NMNM135686X
2. Name of Operator APACHE CORPORATION Contact: SORINA FLORES E-Mail: sorina.flores@apachecorp.com		8. Well Name and No. THUNDERBIRD A 5H
3a. Address 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705	3b. Phone No. (include area code) Ph: 432-818-1167	9. API Well No. 30-015-44436-00-X1
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		10. Field and Pool or Exploratory Area LOCO HILLS-GLORIETA-YESO
		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 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 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.

BLM-CO-1463 NMB-000736 (NATIONWIDE)

9/20/18: APACHE RESPECTFULLY REQUEST TO CHANGE WELL NAME:

FROM: THUNDERBIRD A 5H

TO: THUNDERBIRD DEVELOPMENT UNIT 5H

RECEIVED

OCT 12 2018

DISTRICT II-ARTESIA

14. I hereby certify that the foregoing is true and correct. Electronic Submission #436285 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 (18PP2711SE)	
Name (Printed/Typed) SORINA FLORES	Title SUBMITTING CONTACT
Signature (Electronic Submission)	Date 09/20/2018
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
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 _____ /s/ Jonathon Shepa	
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 making 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 **