

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0137  
Expires October 31, 2014

5. Lease Serial No.  
NMLC062749B

6. If Indian, Allottee or Tribe Name

1a. Type of work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator  
CONOCOPHILLIPS COMPANY

3a. Address  
600 N. Dairy Ashford Rd Houston TX 77079

3b. Phone No. (include area code)  
(281)293-1748

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

8. Lease Name and Well No.  
ZIA HILLS 19 FEDERAL COM 102H

9. API Well No.

10. Field and Pool, or Exploratory  
WOLFCAMP / WOLFCAMP

11. Sec., T. R. M. or Blk. and Survey or Area  
SEC 19 / T26S / R32E / NMP

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*

At surface LOT 2 / 2487 FNL / 463 FWL / LAT 32.028578 / LONG -103.721078

At proposed prod. zone LOT 3 / 2617 FSL / 330 FWL / LAT 32.057281 / LONG -103.721531

14. Distance in miles and direction from nearest town or post office\*  
44.8 miles

12. County or Parish  
LEA

13. State  
NM

15. Distance from proposed\*  
location to nearest  
property or lease line, ft.  
(Also to nearest drig. unit line, if any)  
183 feet

16. No. of acres in lease  
321.45

17. Spacing Unit dedicated to this well  
323.93

18. Distance from proposed location\*  
to nearest well, drilling, completed, 33 feet  
applied for, on this lease, ft.

19. Proposed Depth  
11994 feet / 22269 feet

20. BLM/BIA Bond No. on file  
FED: ES0085

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
3180 feet

22. Approximate date work will start\*  
10/01/2017

23. Estimated duration  
90 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the  
SUPO must be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see  
Item 20 above).

5. Operator certification

6. Such other site specific information and/or plans as may be required by the  
BLM.

25. Signature  
(Electronic Submission)

Name (Printed/Typed)  
Susan Maunder / Ph: (281)206-5281

Date  
07/12/2017

Title

Senior Coordinator, Regulatory MCBU

Approved by (Signature)

(Electronic Submission)

Name (Printed/Typed)  
Cody Layton / Ph: (575)234-5959

Date  
11/10/2017

Title

Supervisor Multiple Resources

Office  
CARLSBAD

Application approval 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.

Conditions of approval, if any, are attached.

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.

(Continued on page 2)

\*(Instructions on page 2)

APPROVED WITH CONDITIONS  
Approval Date: 11/10/2017

Ka  
11/27/17

Double  
sided

## **Review and Appeal Rights**

A person contesting a decision shall request a State Director review. This request must be filed within 20 working days of receipt of the Notice with the appropriate State Director (see 43 CFR 3165.3). The State Director review decision may be appealed to the Interior Board of Land Appeals, 801 North Quincy Street, Suite 300, Arlington, VA 22203 (see 43 CFR 3165.4). Contact the above listed Bureau of Land Management office for further information.

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**Approval Date: 11/10/2017**

(Form 3160-3, page 4)



U.S. Department of the Interior  
BUREAU OF LAND MANAGEMENT

## Application Data Report

11/13/2017

APD ID: 10400015572

Submission Date: 07/12/2017

Highlighted data  
reflects the most  
recent changes

Operator Name: CONOCOPHILLIPS COMPANY

Well Name: ZIA HILLS 19 FEDERAL COM

Well Number: 102H

[Show Final Text](#)

Well Type: OIL WELL

Well Work Type: Drill

### Section 1 - General

APD ID: 10400015572

Tie to previous NOS?

Submission Date: 07/12/2017

BLM Office: CARLSBAD

User: Susan Maunder

Title: Senior Coordinator, Regulatory  
MCBU

Federal/Indian APD: FED

Is the first lease penetrated for production Federal or Indian? FED

Lease number: NMLC062749B

Lease Acres: 321.45

Surface access agreement in place?

Allotted?

Reservation:

Agreement in place? NO

Federal or Indian agreement:

Agreement number:

Agreement name:

Keep application confidential? NO

Permitting Agent? NO

APD Operator: CONOCOPHILLIPS COMPANY

Operator letter of designation:

### Operator Info

Operator Organization Name: CONOCOPHILLIPS COMPANY

Operator Address: 600 N. Dairy Ashford Rd

Zip: 77079

Operator PO Box:

Operator City: Houston

State: TX

Operator Phone: (281)293-1748

Operator Internet Address:

### Section 2 - Well Information

Well in Master Development Plan? NO

Master Development Plan name:

Well in Master SUPO? NO

Master SUPO name:

Well in Master Drilling Plan? NO

Master Drilling Plan name:

Well Name: ZIA HILLS 19 FEDERAL COM

Well Number: 102H

Well API Number:

Field/Pool or Exploratory? Field and Pool

Field Name: WOLFCAMP

Pool Name: WOLFCAMP

Is the proposed well in an area containing other mineral resources? USEABLE WATER

**Operator Name:** CONOCOPHILLIPS COMPANY

**Well Name:** ZIA HILLS 19 FEDERAL COM

**Well Number:** 102H

	NS-Foot	NS Indicator	EW-Foot	EW Indicator	Twsp	Range	Section	Aliquot/Lot/Tract	Latitude	Longitude	County	State	Meridian	Lease Type	Lease Number	Elevation	MD	TVD
PPP Leg #1	0	FSL	330	FWL	26S	32E	18	Lot 4	32.03556 2	- 103.7209 37	LEA	NEW MEXI CO	NEW MEXI CO	F	NMLCO 62749C	- 881 4	124 09	119 94
EXIT Leg #1	261 7	FSL	330	FWL	26S	32E	7	Lot 3	32.05728 1	- 103.7215 31	LEA	NEW MEXI CO	NEW MEXI CO	F	NMNM 039208 2A	- 881 4	222 69	119 94
BHL Leg #1	261 7	FSL	330	FWL	26S	32E	7	Lot 3	32.05728 1	- 103.7215 31	LEA	NEW MEXI CO	NEW MEXI CO	F	NMNM 039208 2A	- 881 4	222 69	119 94

**Operator Name:** CONOCOPHILLIPS COMPANY

**Well Name:** ZIA HILLS 19 FEDERAL COM

**Well Number:** 102H

**Describe other minerals:**

**Is the proposed well in a Helium production area?** N / **Use Existing Well Pad?** NO **New surface disturbance?**

**Type of Well Pad:** MULTIPLE WELL

**Multiple Well Pad Name:** ZIA **Number:** 1

HILLS 19 FEDERAL PAD

**Well Class:** HORIZONTAL

**Number of Legs:** 1

**Well Work Type:** Drill

**Well Type:** OIL WELL

**Describe Well Type:**

**Well sub-Type:** INFILL

**Describe sub-type:**

**Distance to town:** 44.8 Miles

**Distance to nearest well:** 33 FT

**Distance to lease line:** 183 FT

**Reservoir well spacing assigned acres Measurement:** 323.93 Acres

**Well plat:** ZIA\_HILLS\_19\_\_FEDERAL\_COM\_102H\_C\_102\_07-05-2017.pdf

**Well work start Date:** 10/01/2017

**Duration:** 90 DAYS

### Section 3 - Well Location Table

**Survey Type:** RECTANGULAR

**Describe Survey Type:**

**Datum:** NAD83

**Vertical Datum:** NAVD88

**Survey number:**

	NS-Foot	NS Indicator	EW-Foot	EW Indicator	Twp	Range	Section	Aliquot/Lot/Tract	Latitude	Longitude	County	State	Meridian	Lease Type	Lease Number	Elevation	MD	TVD
SHL Leg #1	248 7	FNL	463	FWL	26S	32E	19	Lot 2	32.02857 8	- 103.7210 78	LEA	NEW MEXI CO	NEW MEXI CO	F	NMLC0 62749B	318 0	0	0
KOP Leg #1	262 2	FNL	331	FWL	26S	32E	19	Lot 2	32.02833 3	- 103.7219 75	LEA	NEW MEXI CO	NEW MEXI CO	F	NMLC0 62749B	- 809 7	112 84	112 77
PPP Leg #1	190 7	FNL	327	FWL	26S	32E	19	Lot 2	32.03017 5	- 103.7215 08	LEA	NEW MEXI CO	NEW MEXI CO	F	NMLC0 62749B	- 881 4	124 09	119 94



U.S. Department of the Interior  
BUREAU OF LAND MANAGEMENT

## SUPO Data Report

11/13/2017

APD ID: 10400015572

Submission Date: 07/12/2017

Highlighted data  
reflects the most  
recent changes

Operator Name: CONOCOPHILLIPS COMPANY

Well Name: ZIA HILLS 19 FEDERAL COM

Well Number: 102H

[Show Final Text](#)

Well Type: OIL WELL

Well Work Type: Drill

### Section 1 - Existing Roads

Will existing roads be used? YES

Existing Road Map:

Zia\_Hills\_19\_Pad\_1\_Existing\_Road\_Maps\_06-29-2017.pdf

Existing Road Purpose: ACCESS

Row(s) Exist? NO

#### ROW ID(s)

ID:

Do the existing roads need to be improved? YES

**Existing Road Improvement Description:** The cattle guard on the SW side of the pad will be replaced and the roads from the well pad to the Facility are existing roads and will be upgraded.

**Existing Road Improvement Attachment:**

### Section 2 - New or Reconstructed Access Roads

Will new roads be needed? YES

New Road Map:

Zia\_Hills\_19\_Pad\_1\_Access\_Road\_Maps\_06-29-2017.pdf

New road type: RESOURCE

Length: 6640 Feet

Width (ft.): 30

Max slope (%): 2

Max grade (%): 2

Army Corp of Engineers (ACOE) permit required? NO

ACOE Permit Number(s):

New road travel width: 20

**New road access erosion control:** The inside slope of the side ditches shall be 3:1. Any topsoil removed from the access road will be conserved as appropriate and with low profile. This access road is on fairly level ground. No additional erosion control is planned.

**New road access plan or profile prepared?** NO

**New road access plan attachment:**

**Operator Name:** CONOCOPHILLIPS COMPANY

**Well Name:** ZIA HILLS 19 FEDERAL COM

**Well Number:** 102H

**Access road engineering design?** NO

**Access road engineering design attachment:**

**Access surfacing type:** OTHER

**Access topsoil source:** OFFSITE

**Access surfacing type description:** Caliche

**Access onsite topsoil source depth:**

**Offsite topsoil source description:** Caliche will be from a BLM approved source or third-party commercial location. Material meets BLM requirements and standards.

**Onsite topsoil removal process:**

**Access other construction information:**

**Access miscellaneous information:** The access road and existing road will be 30' wide for a 20' wide drive-able surface and 5' on each side to accommodate the size of the rig. 102' of the 6,640' is new road and the remainder is existing road that will be upgraded. The cattle guard on the SW side of the pad will be replaced.

**Number of access turnouts:**

**Access turnout map:**

### **Drainage Control**

**New road drainage crossing:** OTHER

**Drainage Control comments:** The proposed road to the location is surveyed and staked with stations set along the centerline at specific intervals. The road will be centerline crowned with a 2% crown for appropriate drainage. The inside slope of the side ditches shall be 3:1. Any topsoil removed from the access road will be conserved as appropriate. This access road is on level ground.

**Road Drainage Control Structures (DCS) description:** No additional road drainage is needed other than standard BLM requirements for this area and those discussed in the BLM "Gold Book". This access road is on level ground.

**Road Drainage Control Structures (DCS) attachment:**

### **Access Additional Attachments**

**Additional Attachment(s):**

### **Section 3 - Location of Existing Wells**

**Existing Wells Map?** YES

**Attach Well map:**

Zia\_Hills\_19\_Federal\_COM\_102H\_One\_Mile\_Radius\_06-29-2017.pdf

**Existing Wells description:**

**Operator Name:** CONOCOPHILLIPS COMPANY

**Well Name:** ZIA HILLS 19 FEDERAL COM

**Well Number:** 102H

## Section 4 - Location of Existing and/or Proposed Production Facilities

**Submit or defer a Proposed Production Facilities plan?** SUBMIT

**Estimated Production Facilities description:**

**Production Facilities description:** Zia Hills- Buck CF1 is located in Section 19, T26S, R32E and was staked on 4/18/17. Dimensions are 1000' x 500'.

**Production Facilities map:**

ZIA\_HILLS\_BUCK\_CF1\_06-29-2017.pdf

ZIA\_HILLS\_BUCK\_CF1\_Preliminary\_Plot\_Plan\_07-05-2017.pdf

## Section 5 - Location and Types of Water Supply

### Water Source Table

**Water source use type:** STIMULATION

**Water source type:** GW WELL

**Describe type:**

**Source latitude:** 31.967545

**Source longitude:** -103.76012

**Source datum:** NAD27

**Water source permit type:** WATER WELL

**Source land ownership:** FEDERAL

**Water source transport method:** PIPELINE

**Source transportation land ownership:** FEDERAL

**Water source volume (barrels):** 66666.664

**Source volume (acre-feet):** 8.592873

**Source volume (gal):** 2800000

**Water source and transportation map:**

Zia\_Hills\_19\_Pad\_1\_Water\_Wells\_07-11-2017.pdf

**Water source comments:** Water will be trucked from the water wells in Texas to the frac ponds and from the frac ponds the water will be sent via temp pipe lines. However, COP plans to use additional/ different water well(s) depending on availability at the time of fracturing the wells but the locations will meet BLM requirements and standards.

**New water well?** NO

### New Water Well Info

**Well latitude:**

**Well Longitude:**

**Well datum:**

**Well target aquifer:**

**Est. depth to top of aquifer(ft):**

**Est thickness of aquifer:**

**Aquifer comments:**

**Aquifer documentation:**

**Well depth (ft):**

**Well casing type:**



**Operator Name:** CONOCOPHILLIPS COMPANY

**Well Name:** ZIA HILLS 19 FEDERAL COM

**Well Number:** 102H

**Well casing outside diameter (in.):**

**Well casing inside diameter (in.):**

**New water well casing?**

**Used casing source:**

**Drilling method:**

**Drill material:**

**Grout material:**

**Grout depth:**

**Casing length (ft.):**

**Casing top depth (ft.):**

**Well Production type:**

**Completion Method:**

**Water well additional information:**

**State appropriation permit:**

**Additional information attachment:**

## **Section 6 - Construction Materials**

**Construction Materials description:** Clean caliche will be used to construct well pad, road, and facility pad. Our first source for caliche will be from Kiehne's pit is located in Section 21, T26S, R32E, Lea County, NM and the second source will be State Pit 643-Eddy located in Section 15, T25S, R27E, Eddy County, NM. However, COP plans to use additional caliche source(s) depending on caliche availability at the time of location construction and material will meet BLM requirements and standards. Trucking for source material will utilize authorized roads as per Access Road Topo A attached.

**Construction Materials source location attachment:**

## **Section 7 - Methods for Handling Waste**

**Waste type:** DRILLING

**Waste content description:** Drilling fluid and cuttings

**Amount of waste:** 130 barrels

**Waste disposal frequency :** Daily

**Safe containment description:** Cuttings will be held in a closed-loop system and trucked to an approved disposal facility.

**Safe containmant attachment:**

**Waste disposal type:** HAUL TO COMMERCIAL FACILITY **Disposal location ownership:** COMMERCIAL

**Disposal type description:**

**Disposal location description:** Trucked to approved disposal facility

## **Reserve Pit**

**Reserve Pit being used?** NO

**Temporary disposal of produced water into reserve pit?**

**Reserve pit length (ft.)** **Reserve pit width (ft.)**

**Reserve pit depth (ft.)** **Reserve pit volume (cu. yd.)**

**Is at least 50% of the reserve pit in cut?**

**Reserve pit liner**

**Operator Name:** CONOCOPHILLIPS COMPANY

**Well Name:** ZIA HILLS 19 FEDERAL COM

**Well Number:** 102H

**Reserve pit liner specifications and installation description**

### **Cuttings Area**

**Cuttings Area being used?** NO

**Are you storing cuttings on location?** NO

**Description of cuttings location**

**Cuttings area length (ft.)**

**Cuttings area width (ft.)**

**Cuttings area depth (ft.)**

**Cuttings area volume (cu. yd.)**

**Is at least 50% of the cuttings area in cut?**

**WCuttings area liner**

**Cuttings area liner specifications and installation description**

### **Section 8 - Ancillary Facilities**

**Are you requesting any Ancillary Facilities?:** NO

**Ancillary Facilities attachment:**

**Comments:**

### **Section 9 - Well Site Layout**

**Well Site Layout Diagram:**

Zia\_Hills\_19\_Pad\_1\_Location\_Layout\_06-29-2017.pdf

Zia\_Hills\_19\_Pad\_1\_Arch\_Boundary\_06-29-2017.pdf

**Comments:**

### **Section 10 - Plans for Surface Reclamation**

**Type of disturbance:** New Surface Disturbance

**Multiple Well Pad Name:** ZIA HILLS 19 FEDERAL PAD

**Multiple Well Pad Number:** 1

**Recontouring attachment:**

**Drainage/Erosion control construction:** Topsoil will be stripped and set along designated side of the wellsite. The next layer of dirt (stockpile) is done with the cut and fill method whereby the highest portion of the wellsite is pushed to lower portion(s) to balance the pad. The access road is done in a similar manner. To the greatest extent practicable, the location is placed so that the least amount of dirt is to be cut and disturbed, and so a good balance can be maintained during project. Topsoil stockpile will have lowest practicable profile to reduce wind erosion. For more detail please see attached Surface Use Plan of Operations.

**Operator Name:** CONOCOPHILLIPS COMPANY

**Well Name:** ZIA HILLS 19 FEDERAL COM

**Well Number:** 102H

**Drainage/Erosion control reclamation:** Upon project completion, if this well is a producer, excess caliche is removed from the interim reclamation portion of pad. Topsoil stockpile is balanced back onto the unused portion of the well pad and re-contoured as appropriate. Any drainage ditches will not be blocked with topsoil and/or organic material. Lowering the profile of the topsoil stockpile will reduce wind erosion. Erosion controls will be maintained per BLM guidelines and conditions. For more detail please see attached Surface Use Plan of Operations. Reclamation activities are planned to be accomplished within six months of project completion, contingent upon weather. A site specific "Reclamation Diagram" interim plan is attached. At such time as well is permanently abandoned, ConocoPhillips Company will contact the BLM for development of final rehabilitation plan. Upon abandonment, a dry hole marker will be installed as directed by Authorized BLM Officer at the time, in accordance with 43 CFR 3162.6. An above ground dry hole marker sealing the casing will have a weep hole which will allow pressure to dissipate and make detection of any fluid seepage easier. If below ground "well marker" is directed, ConocoPhillips Company will follow BLM requirements and standards for that method of abandonment. During final reclamation erosion is to be minimized through lower profile of any soil piles. Please see attached Surface Use Plan of Operations for more information.

**Wellpad long term disturbance (acres):** 5.8

**Wellpad short term disturbance (acres):** 2.4

**Access road long term disturbance (acres):** 4.574

**Access road short term disturbance (acres):** 0

**Pipeline long term disturbance (acres):** 3.1229339

**Pipeline short term disturbance (acres):** 0

**Other long term disturbance (acres):** 15.9

**Other short term disturbance (acres):** 0

**Total long term disturbance:** 29.396935

**Total short term disturbance:** 2.4

**Reconstruction method:** If this well is a producer site rehabilitation will be completed within six months, weather permitting. Excess caliche will be removed, as appropriate and either disposed of in a permitted facility or, if clean, stored for future use. Topsoil from the stockpile will be spread along areas to be interim reclaimed. Any drainage ditches will not be blocked with topsoil. Under normal weather conditions, the timetable for rehabilitation will allow two to three months to complete any re-contouring and top-soiling necessary. At such time as well is permanently abandoned, ConocoPhillips Company will contact BLM for development of final rehabilitation plan. Upon abandonment, a dry hole marker will be installed as directed by Authorized BLM Officer at the time, in accordance with 43 CFR 3162.6. An above ground dry hole marker sealing the casing will have a weep hole which will allow pressure to dissipate and make detection of any fluid seepage easier. If below ground "well marker" is directed, ConocoPhillips Company will follow BLM requirements and standards for that method of abandonment. Excess caliche will be removed, as appropriate and either disposed of in a permitted facility. Location soil may be "flipped" with BLM concurrence, clean topsoil spread and re-contoured to blend with surrounding area. This method will be accomplished in accordance to BLM standards set forth by the Authorized Officer.

**Topsoil redistribution:** Areas planned for interim reclamation will be re-contoured to the extent feasible. Topsoil will be evenly re-spread and re-vegetated over the disturbed area not needed for continuing production operations. At such time as well is abandoned, disturbed areas will be re-contoured to a contour that blends with surrounding landscape. Topsoil will be redistributed evenly over the entire disturbed site to depth of 4-6 inches.

**Soil treatment:** The topsoil will be stripped and set along the designated perimeter of the wellsite. The next layer of dirt is moved with the cut and fill method whereby the highest point of the wellsite is cut into and then pushed to a lower side to balance the well pad. Upon well completion, the soil will be balanced back onto portions of the pad not needed for long-term operations. Erosion will be minimized by maintaining a lower stockpile profile

**Existing Vegetation at the well pad:** Based on an existing EA in the vicinity, the proposed area is expected to be classified as transitional between the Plains-Mesa Sand Scrub and Chihuahuan Desert Scrub plant communities. The area surrounding the location is expected to have dominant shrub species including white thorn acia, range ratany, javelin bushy, honey mesquite, invading creosote and a few althorns. Dominant grass species in the project included but not limited to sand and mesa dropseed, roa grande bristlegrass, black grama and burrograss. An EA will be performed that will list species in the area.

**Existing Vegetation at the well pad attachment:**

Zia\_Hills\_19\_Pad\_1\_Location\_Photos\_07-03-2017.pdf

**Existing Vegetation Community at the road:**

**Operator Name:** CONOCOPHILLIPS COMPANY

**Well Name:** ZIA HILLS 19 FEDERAL COM

**Well Number:** 102H

**Existing Vegetation Community at the road attachment:**

**Existing Vegetation Community at the pipeline:**

**Existing Vegetation Community at the pipeline attachment:**

**Existing Vegetation Community at other disturbances:**

**Existing Vegetation Community at other disturbances attachment:**

**Non native seed used?** NO

**Non native seed description:**

**Seedling transplant description:**

**Will seedlings be transplanted for this project?** NO

**Seedling transplant description attachment:**

**Will seed be harvested for use in site reclamation?** NO

**Seed harvest description:**

**Seed harvest description attachment:**

## **Seed Management**

### **Seed Table**

**Seed type:**

**Seed source:**

**Seed name:**

**Source name:**

**Source address:**

**Source phone:**

**Seed cultivar:**

**Seed use location:**

**PLS pounds per acre:**

**Proposed seeding season:**

### **Seed Summary**

**Total pounds/Acre:**

<b>Seed Type</b>	<b>Pounds/Acre</b>
------------------	--------------------

**Seed reclamation attachment:**

### **Operator Contact/Responsible Official Contact Info**

**First Name:** ashley

**Last Name:** bergen

**Operator Name:** CONOCOPHILLIPS COMPANY

**Well Name:** ZIA HILLS 19 FEDERAL COM

**Well Number:** 102H

**Phone:** (432)688-6938

**Email:**

**Seedbed prep:**

**Seed BMP:**

**Seed method:**

**Existing invasive species?** NO

**Existing invasive species treatment description:**

**Existing invasive species treatment attachment:**

**Weed treatment plan description:** Two Class B noxious weed species, African rue and Malta starthistle and two Class C noxious weed species, Russian olive and salt cedar are of concern. ConocoPhillips Company will consult with BLM for acceptable weed control methods, if the need arises. Any weed control would follow USEPA and BLM requirements and standards. No noxious weed species are expected in the project area.

**Weed treatment plan attachment:**

**Monitoring plan description:** Weeds will be controlled on disturbed areas within the exterior limits of the well pad. Monitoring will be in accordance with Best Management Practices and guidelines established by BLM.

**Monitoring plan attachment:**

**Success standards:** Reclamation success standards will utilize BLM approved methods.

**Pit closure description:** No pits will be used, a closed-loop system will be in place

**Pit closure attachment:**

## **Section 11 - Surface Ownership**

**Disturbance type:** NEW ACCESS ROAD

**Describe:**

**Surface Owner:** BUREAU OF LAND MANAGEMENT

**Other surface owner description:**

**BIA Local Office:**

**BOR Local Office:**

**COE Local Office:**

**DOD Local Office:**

**NPS Local Office:**

**State Local Office:**

**Military Local Office:**

**USFWS Local Office:**

**Other Local Office:**

**USFS Region:**

**USFS Forest/Grassland:**

**USFS Ranger District:**

**Operator Name:** CONOCOPHILLIPS COMPANY

**Well Name:** ZIA HILLS 19 FEDERAL COM

**Well Number:** 102H

**Disturbance type:** WELL PAD

**Describe:**

**Surface Owner:** BUREAU OF LAND MANAGEMENT

**Other surface owner description:**

**BIA Local Office:**

**BOR Local Office:**

**COE Local Office:**

**DOD Local Office:**

**NPS Local Office:**

**State Local Office:**

**Military Local Office:**

**USFWS Local Office:**

**Other Local Office:**

**USFS Region:**

**USFS Forest/Grassland:**

**USFS Ranger District:**

**Disturbance type:** PIPELINE

**Describe:**

**Surface Owner:** BUREAU OF LAND MANAGEMENT

**Other surface owner description:**

**BIA Local Office:**

**BOR Local Office:**

**COE Local Office:**

**DOD Local Office:**

**NPS Local Office:**

**State Local Office:**

**Military Local Office:**

**USFWS Local Office:**

**Other Local Office:**

**USFS Region:**

**USFS Forest/Grassland:**

**USFS Ranger District:**

**Operator Name:** CONOCOPHILLIPS COMPANY

**Well Name:** ZIA HILLS 19 FEDERAL COM

**Well Number:** 102H

## **Section 12 - Other Information**

**Right of Way needed?** YES

**Use APD as ROW?** NO

**ROW Type(s):**

### **ROW Applications**

Zia\_Hills\_19\_Pad\_1\_SF299\_06-29-2017.pdf

**SUPO Additional Information:** Onsite conducted 4/18/17.

**Use a previously conducted onsite?** NO

**Previous Onsite information:**

### **Other SUPO Attachment**

Zia\_Hills\_19\_Pad\_1\_Reclamation\_Diagram\_06-29-2017.pdf

ZIA\_HILLS\_BUCK\_CF1\_Access\_Road\_06-29-2017.pdf

ZIA\_HILLS\_BUCK\_CF1\_Pipelines\_06-29-2017.pdf

ZIA\_HILLS\_BUCK\_CF1\_Power\_Line\_06-29-2017.pdf

Zia\_Hills\_19\_Pad\_1\_Pipelines\_07-05-2017.pdf

Zia\_Hills\_19\_Federal\_COM\_102H\_Surface\_Use\_Plan\_07-11-2017.pdf



U.S. Department of the Interior  
BUREAU OF LAND MANAGEMENT

## PWD Data Report

11/13/2017

### Section 1 - General

Would you like to address long-term produced water disposal? NO

### Section 2 - Lined Pits

Would you like to utilize Lined Pit PWD options? NO

Produced Water Disposal (PWD) Location:

PWD surface owner:

PWD disturbance (acres):

Lined pit PWD on or off channel:

Lined pit PWD discharge volume (bbl/day):

Lined pit specifications:

Pit liner description:

Pit liner manufacturers information:

Precipitated solids disposal:

Describe precipitated solids disposal:

Precipitated solids disposal permit:

Lined pit precipitated solids disposal schedule:

Lined pit precipitated solids disposal schedule attachment:

Lined pit reclamation description:

Lined pit reclamation attachment:

Leak detection system description:

Leak detection system attachment:

Lined pit Monitor description:

Lined pit Monitor attachment:

Lined pit: do you have a reclamation bond for the pit?

Is the reclamation bond a rider under the BLM bond?

Lined pit bond number:

Lined pit bond amount:

Additional bond information attachment:



### **Section 3 - Unlined Pits**

**Would you like to utilize Unlined Pit PWD options? NO**

**Produced Water Disposal (PWD) Location:**

**PWD surface owner:**

**PWD disturbance (acres):**

**Unlined pit PWD on or off channel:**

**Unlined pit PWD discharge volume (bbl/day):**

**Unlined pit specifications:**

**Precipitated solids disposal:**

**Describe precipitated solids disposal:**

**Precipitated solids disposal permit:**

**Unlined pit precipitated solids disposal schedule:**

**Unlined pit precipitated solids disposal schedule attachment:**

**Unlined pit reclamation description:**

**Unlined pit reclamation attachment:**

**Unlined pit Monitor description:**

**Unlined pit Monitor attachment:**

**Do you propose to put the produced water to beneficial use?**

**Beneficial use user confirmation:**

**Estimated depth of the shallowest aquifer (feet):**

**Does the produced water have an annual average Total Dissolved Solids (TDS) concentration equal to or less than that of the existing water to be protected?**

**TDS lab results:**

**Geologic and hydrologic evidence:**

**State authorization:**

**Unlined Produced Water Pit Estimated percolation:**

**Unlined pit: do you have a reclamation bond for the pit?**

**Is the reclamation bond a rider under the BLM bond?**

**Unlined pit bond number:**

**Unlined pit bond amount:**

**Additional bond information attachment:**

### **Section 4 - Injection**

**Would you like to utilize Injection PWD options? NO**

**Produced Water Disposal (PWD) Location:**

**PWD surface owner:**

**PWD disturbance (acres):**

**Injection PWD discharge volume (bbl/day):**

**Injection well mineral owner:**

**Injection well type:**

**Injection well number:**

**Injection well name:**

**Assigned injection well API number?**

**Injection well API number:**

**Injection well new surface disturbance (acres):**

**Minerals protection information:**

**Mineral protection attachment:**

**Underground Injection Control (UIC) Permit?**

**UIC Permit attachment:**

### **Section 5 - Surface Discharge**

**Would you like to utilize Surface Discharge PWD options? NO**

**Produced Water Disposal (PWD) Location:**

**PWD surface owner:**

**PWD disturbance (acres):**

**Surface discharge PWD discharge volume (bbl/day):**

**Surface Discharge NPDES Permit?**

**Surface Discharge NPDES Permit attachment:**

**Surface Discharge site facilities information:**

**Surface discharge site facilities map:**

### **Section 6 - Other**

**Would you like to utilize Other PWD options? NO**

**Produced Water Disposal (PWD) Location:**

**PWD surface owner:**

**PWD disturbance (acres):**

**Other PWD discharge volume (bbl/day):**

**Other PWD type description:**

**Other PWD type attachment:**

**Have other regulatory requirements been met?**

**Other regulatory requirements attachment:**



U.S. Department of the Interior  
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## Bond Info Data Report

11/13/2017

### Bond Information

Federal/Indian APD: FED

BLM Bond number: ES0085

BIA Bond number:

Do you have a reclamation bond? NO

Is the reclamation bond a rider under the BLM bond?

Is the reclamation bond BLM or Forest Service?

BLM reclamation bond number:

Forest Service reclamation bond number:

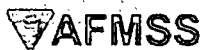
Forest Service reclamation bond attachment:

Reclamation bond number:

Reclamation bond amount:

Reclamation bond rider amount:

Additional reclamation bond information attachment:



U.S. Department of the Interior  
BUREAU OF LAND MANAGEMENT

## Operator Certification Data Report

11/13/2017

### Operator Certification

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

**NAME:** Susan Maunder

**Signed on:** 07/11/2017

**Title:** Senior Coordinator, Regulatory MCBU

**Street Address:** 600 N. Dairy Ashford Rd

**City:** Houston

**State:** TX

**Zip:** 77079

**Phone:** (281)206-5281

**Email address:** Susan.B.Maunder@conocophillips.com

### Field Representative

**Representative Name:**

**Street Address:**

**City:**

**State:**

**Zip:**

**Phone:**

**Email address:**