

APD ID: 10400013452

Submission Date: 04/17/2017

Highlighted data
reflects the most
recent changes

Operator Name: APACHE CORPORATION

Well Name: BLACK & TAN 27 FEDERAL COM

Well Number: 306H

[Show Final Text](#)

Well Type: OIL WELL

Well Work Type: Drill

Section 1 - Existing Roads

Will existing roads be used? YES

Existing Road Map:

BlkTan27FedCom306H_ExistRd_04-17-2017.pdf

Existing Road Purpose: ACCESS

Row(s) Exist? NO

ROW ID(s)

ID:

Do the existing roads need to be improved? NO

Existing Road Improvement Description:

Existing Road Improvement Attachment:

Section 2 - New or Reconstructed Access Roads

Will new roads be needed? YES

New Road Map:

BlackTan27FedCom305H_NewRoad_04-06-2017.pdf

New road type: LOCAL

Length: 194.91 Feet

Width (ft.): 25

Max slope (%): 2

Max grade (%): 2

Army Corp of Engineers (ACOE) permit required? NO

ACOE Permit Number(s):

New road travel width: 14

New road access erosion control: ROAD WILL BE CROWNED FOR WATER DRAINAGE AND TO CONTROL EROSION

New road access plan or profile prepared? NO

New road access plan attachment:

Access road engineering design? NO

Access road engineering design attachment:

Operator Name: APACHE CORPORATION

Well Name: BLACK & TAN 27 FEDERAL COM

Well Number: 306H

Access surfacing type: OTHER

Access topsoil source: OFFSITE

Access surfacing type description: Caliche provided by lessor pursuant Surface Use Agmt

Access onsite topsoil source depth:

Offsite topsoil source description: Topsoil provided by lessor pursuant Surface Use Agmt

Onsite topsoil removal process:

Access other construction information:

Access miscellaneous information:

Number of access turnouts:

Access turnout map:

Drainage Control

New road drainage crossing: OTHER

Drainage Control comments: ROAD WILL BE CROWNED FOR WATER DRAINAGE

Road Drainage Control Structures (DCS) description: ROAD WILL BE CROWNED TO ALLOW FOR WATER DRAINAGE

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:

BlkTan27FedCom306H_1MiRadius_04-17-2017.pdf

Existing Wells description:

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:

Production Facilities map:

BlackTan27FedCom306H_Pipeline_04-17-2017.pdf

Operator Name: APACHE CORPORATION

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Well Number: 306H

Section 5 - Location and Types of Water Supply

Water Source Table

Water source use type: INTERMEDIATE/PRODUCTION CASING	Water source type: OTHER
Describe type: BRINE	
Source latitude: 32.48407	Source longitude: -103.15848
Source datum: NAD83	
Water source permit type: PRIVATE CONTRACT	
Source land ownership: FEDERAL	
Water source transport method: TRUCKING	
Source transportation land ownership: FEDERAL	
Water source volume (barrels): 4000	Source volume (acre-feet): 0.51557237
Source volume (gal): 168000	
Water source use type: INTERMEDIATE/PRODUCTION CASING, SURFACE CASING	Water source type: GW WELL
Describe type:	
Source latitude: 32.62567	Source longitude: -103.51543
Source datum: NAD83	
Water source permit type: PRIVATE CONTRACT	
Source land ownership: FEDERAL	
Water source transport method: TRUCKING	
Source transportation land ownership: FEDERAL	
Water source volume (barrels): 3000	Source volume (acre-feet): 0.3866793
Source volume (gal): 126000	

Water source and transportation map:

BlackTan27FedCom_BrineWtr_04-17-2017.pdf

BlkTan27FedCom_FW_04-17-2017.pdf

Water source comments:

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:

Operator Name: APACHE CORPORATION

Well Name: BLACK & TAN 27 FEDERAL COM

Well Number: 306H

Aquifer documentation:

Well depth (ft):

Well casing type:

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: Caliche provided by lessor pursuant surface use agmt.

Construction Materials source location attachment:

Section 7 - Methods for Handling Waste

Waste type: DRILLING

Waste content description: Drilling fluid, during drilling ops and completion ops, will be stored safely and recycled to next well. Any excess will be hauled to approved NMOCD disposal facility

Amount of waste: 2500 barrels

Waste disposal frequency : One Time Only

Safe containment description: Drilling fluids will be stored in sealed frac tanks

Safe containmant attachment:

Waste disposal type: RECYCLE

Disposal location ownership: OTHER

Disposal type description:

Disposal location description: Next well or trucked to an approved disposal facility

Waste type: DRILLING

Waste content description: Excess cement returns

Amount of waste: 40 barrels

Waste disposal frequency : Weekly

Safe containment description: Cement returns will be stored in steel roll off bins

Safe containmant attachment:

Waste disposal type: OTHER

Disposal location ownership: PRIVATE

Operator Name: APACHE CORPORATION

Well Name: BLACK & TAN 27 FEDERAL COM

Well Number: 306H

Disposal type description: Haul to private facility

Disposal location description: R360, 6601 W Hobbs Hwy, Carlsbad, NM 88220

Waste type: GARBAGE

Waste content description: Garbage and trash produced during drilling and completion operations

Amount of waste: 1500 pounds

Waste disposal frequency : Weekly

Safe containment description: Garbage and trash produced during drilling and completion ops will be collected in portable trash trailers and disposed of properly at a state approved disposal facility.

Safe containmant attachment:

Waste disposal type: OTHER

Disposal location ownership: STATE

Disposal type description: land fill

Disposal location description: Lea County Landfill

Waste type: SEWAGE

Waste content description: Human waste and grey water

Amount of waste: 2000 gallons

Waste disposal frequency : Weekly

Safe containment description: Waste will be properly contained and disposed of properly at a state approved disposal facility

Safe containmant attachment:

Waste disposal type: OTHER

Disposal location ownership: STATE

Disposal type description: Municipal waste facility

Disposal location description: Hobbs Municipal Waste 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

Reserve pit liner specifications and installation description

Operator Name: APACHE CORPORATION

Well Name: BLACK & TAN 27 FEDERAL COM

Well Number: 306H

Cuttings Area

Cuttings Area being used? NO

Are you storing cuttings on location? YES

Description of cuttings location Cuttings will be stored in steel haul off bins and taken to an NMOCD approved disposal facility

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:

BlackTan27FedCom306H_WellLayout_04-17-2017.pdf

Comments:

Section 10 - Plans for Surface Reclamation

Type of disturbance: NEW

Recontouring attachment:

Drainage/Erosion control construction: During construction, proper erosion control methods will be used to control erosion, runoff and siltation of surrounding area

Drainage/Erosion control reclamation: Proper erosion control methods will be used to control erosion, runoff and siltation of surrounding areas

Wellpad long term disturbance (acres): 3.902

Wellpad short term disturbance (acres): 3.902

Access road long term disturbance (acres): 0.112

Access road short term disturbance (acres): 0.112

Pipeline long term disturbance (acres): 0.0000922865

Pipeline short term disturbance (acres): 0.0000922865

Other long term disturbance (acres): 0.158

Other short term disturbance (acres): 0.158

Total long term disturbance: 4.1720924

Total short term disturbance: 4.1720924

Operator Name: APACHE CORPORATION

Well Name: BLACK & TAN 27 FEDERAL COM

Well Number: 306H

Reconstruction method: The areas planned for interim reclamation will then be recontoured to the original contour if feasible, or if not feasible, to an interim contour that blends with surrounding topography as much as possible. Where applicable, any fill material of well pad will be backfilled into the cut to bring area back to original contour.

Topsoil redistribution: Topsoil will be evenly distributed and aggressively revegetated over the entire disturbed area not needed for all-weather operations.

Soil treatment: After all disturbed areas have been properly prepared, areas will need to be seeded with recommended seed mixture, free of noxious weeds. Final seedbed prep will consist of contour cultivating to a depth of 4-6 inches within 24 hrs prior to seeding, dozer tracking or other imprinting in order to break soil crust to create seed germination micro-sites.

Existing Vegetation at the well pad:

Existing Vegetation at the well pad attachment:

Existing Vegetation Community at the road:

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:

Seed Type	Pounds/Acre

Operator Name: APACHE CORPORATION

Well Name: BLACK & TAN 27 FEDERAL COM

Well Number: 306H

Seed reclamation attachment:

Operator Contact/Responsible Official Contact Info

First Name:

Last Name:

Phone:

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: No invasive species present. Standard regular maintenance to maintain to maintain a clear location and road.

Weed treatment plan attachment:

Monitoring plan description: Identify area supporting weeds prior to construction, prevent introduction and spread of weeds from construction equipment during construction and contain weed seeds and propagules by preventing segregated topsoil from being spread to adjacent areas. No invasive species present. Standard regular maintenance to maintain a clear location and road.

Monitoring plan attachment:

Success standards: Maintain all disturbed areas as per Gold Book standards

Pit closure description: N/A

Pit closure attachment:

Section 11 - Surface Ownership

Disturbance type: WELL PAD

Describe:

Surface Owner: PRIVATE OWNERSHIP

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:

Operator Name: APACHE CORPORATION

Well Name: BLACK & TAN 27 FEDERAL COM

Well Number: 306H

Other Local Office:

USFS Region:

USFS Forest/Grassland:

USFS Ranger District:

Fee Owner: T over V Ranch C/O Dan Berry

Fee Owner Address: PO Box 160, Eunice, NM 88231

Phone: (575)369-5266

Email:

Surface use plan certification: YES

Surface use plan certification document:

BlkTan27FedCom306H_SurfUseAgmt_04-17-2017.pdf

Surface access agreement or bond: Agreement

Surface Access Agreement Need description: Surface access agmt has been negotiated with private land owner. No bond necessary

Surface Access Bond BLM or Forest Service:

BLM Surface Access Bond number:

USFS Surface access bond number:

Section 12 - Other Information

Right of Way needed? NO

Use APD as ROW?

ROW Type(s):

ROW Applications

SUPO Additional Information: Onsite completed by Jeffery Robertson on 1/13/2016. Arch survey has been completed by Boone Arch Services. Operator Rep: Larry VanGilder, Drlg Supt, 432-818-1965 or 432-557-1097; Operator Production Rep: Lou Phillips, 575-393-2144. Apache plans to insall an overhead electrical line for the proposed well. Length of line will be 230.07 feet with approx. 30 feet of disturbance. Elect line will be constructed to provide protection from raptor electrocution. Proposed line does not cross lease boundaries. ROW grant will not need to be acquired from BLM.

Use a previously conducted onsite? NO

Previous Onsite information:

Other SUPO Attachment

BlackTan27FedCom306H_ElecLine_04-17-2017.pdf