

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*Lease Serial No.
NMLC060325

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
THUNDERBIRD A 5H2. Name of Operator
APACHE CORPORATIONContact: DEAN JARRETT
E-Mail: dean.jarrett@apachecorp.com9. API Well No.
30-015-44436-00-X13a. Address
303 VETERANS AIRPARK LANE SUITE 3000
MIDLAND, TX 797053b. Phone No. (include area code)
Ph: 432.818.193810. 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 Lon11. 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 checked="" 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 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	Surface Disturbance
	<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.

GC 7-13-18
Accepted for record - NMOCD

Apache request approval of a Six (6) inch Flex Flow buried line pipe rated at 750 psi Max operating pressure, along the route previously approved for temporary water ROW's.

RECEIVED

? All applicable regulations in 43 CFR 2800.

? Archaeological clearance was reviewed and consulted with Bruce Boeke, CFO Archeologist.

? Wildlife clearance was reviewed and consulted with Cassandra Brooks, CFO Wildlife Biologist.

? Water Line needs to be on the South side of the road.

JUL 13 2018

DISTRICT II-ARTESIA O.C.D.

Approved JAC 07/10/18 DOI-BLM-NM-P020-2018-0662-EA stipulations attached

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

Electronic Submission #420789 verified by the BLM Well Information System
For APACHE CORPORATION, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 05/21/2018 (18PP1782SE)

Name (Printed/Typed) DEAN JARRETT

Title SR. SURFACE LANDMAN & RPL

Signature (Electronic Submission)

Date 05/18/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

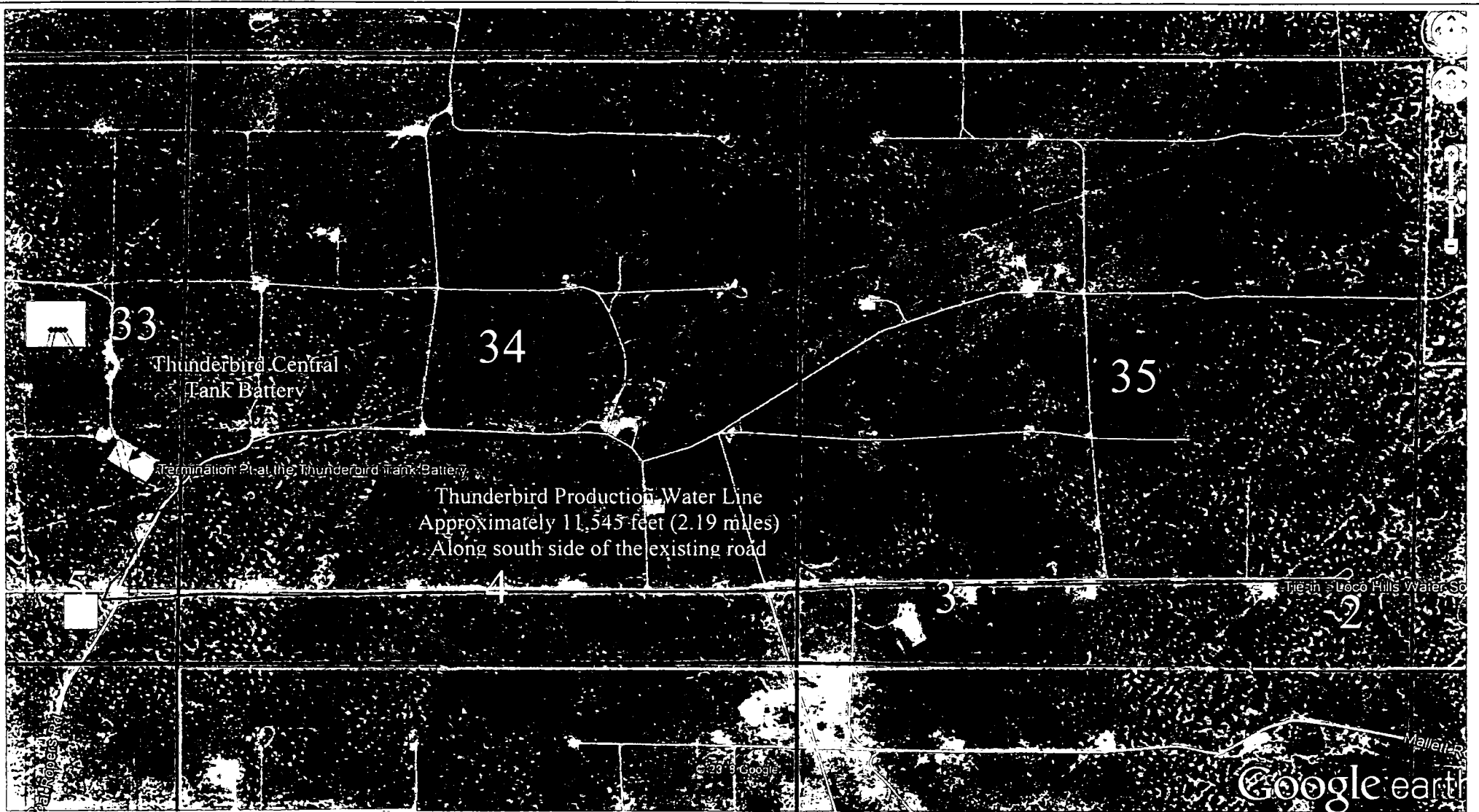
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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 ****



Six (6) inch Flex Flow buried line pipe rated at 750 psi Max operating pressure, along the route previously approved for temporary water ROW's.

DATE: 3/8/2018

PREPARED BY:
D. JARRETT



THUNDERBIR PRODUCTION WATER LINE
TOWNSHIP 16 SOUTH – RANGE 30 EAST
Section 33, 34, and 35, NMPM
Eddy County, New Mexico

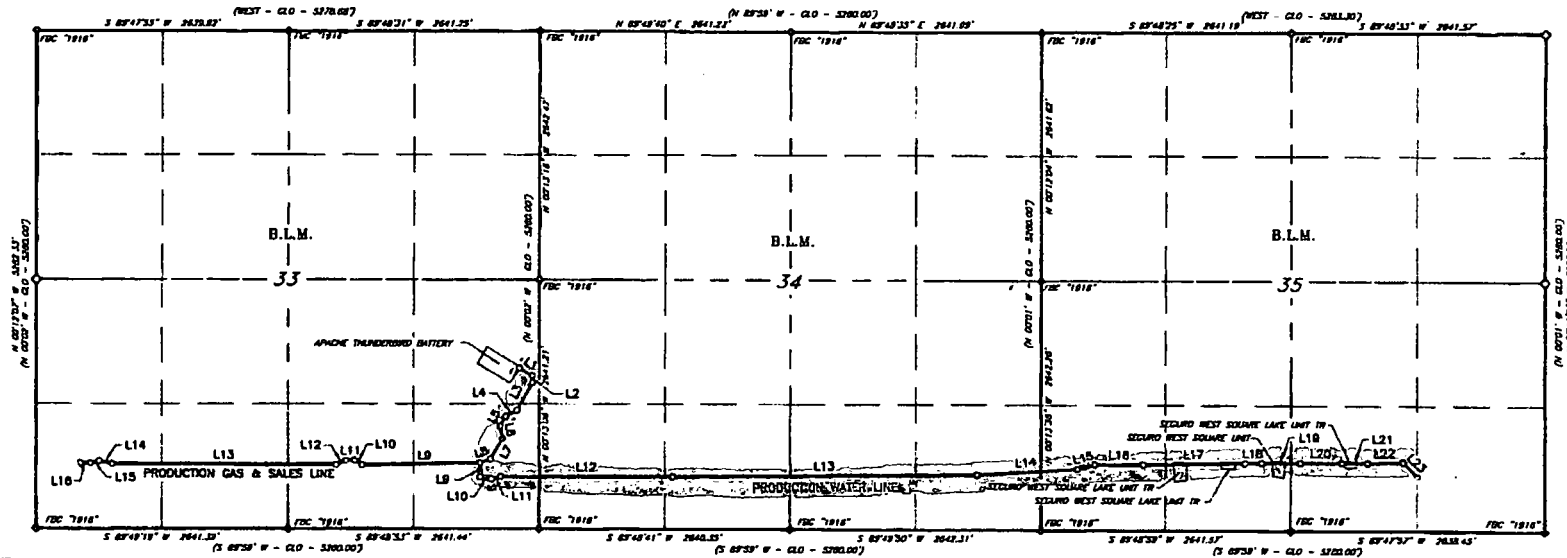
Apache

PERMIAN OFFICE
303 Veterans Airpark Ln #1000
Midland, TX 79705
Phone: (432) 818-1000

RRC

SURVEYING, LLC

3011 S. COUNTY ROAD 1200
MIDLAND, TX 79706 (432) 541-8760



LEGEND

- () CALC. COR.
- ◇ CALC. COR.
- ◆ FOUND MONUMENT AS NOTED
- PROPOSED PIPELINE

PRODUCTION GAS & SALES LINE		
LINE	BEARING	DISTANCE
L1	S 59°10'58" E	151.25'
L2	S 04°45'23" E	76.12'
L3	S 29°05'11" W	332.28'
L4	S 60°59'23" W	134.67'
L5	S 29°06'43" W	115.64'
L6	S 12°26'17" E	131.14'
L7	S 30°06'08" W	261.17'
L8	S 69°46'27" W	113.19'
L9	S 88°39'12" W	1240.13'
L10	N 56°46'08" W	96.51'
L11	S 88°03'58" W	90.34'
L12	S 66°15'43" W	113.41'
L13	S 89°59'37" W	2346.22'
L14	N 77°02'46" W	139.69'
L15	S 75°08'31" W	99.91'
L16	N 87°39'27" W	101.03'

PRODUCTION WATER LINE		
LINE	BEARING	DISTANCE
L1	S 59°10'58" E	151.25'
L2	S 04°45'23" E	76.12'
L3	S 29°05'11" W	332.28'
L4	S 60°59'23" W	134.67'
L5	S 29°06'43" W	115.64'
L6	S 12°26'17" E	131.14'
L7	S 30°06'08" W	261.17'
L8	S 69°46'27" W	113.19'
L9	S 00°10'23" W	150.75'
L10	S 81°43'39" E	123.18'
L11	N 76°36'55" E	100.75'
L12	N 89°41'51" E	1804.88'
L13	N 89°20'11" E	3204.21'
L14	N 86°19'11" E	1057.31'
L15	N 74°31'45" E	190.62'
L16	N 89°55'21" E	519.12'
L17	N 88°48'47" E	1075.92'
L18	N 88°32'20" E	174.74'
L19	N 89°52'59" E	407.69'

PRODUCTION WATER LINE		
LINE	BEARING	DISTANCE
L20	N 89°20'33" E	439.90'
L21	S 89°44'12" E	269.18'
L22	N 88°00'58" E	367.31'
L23	S 44°01'30" E	213.76'

SCALE: 1" = 1500'
0 750' 1500'

BEARINGS ARE GRID NAD 83
NM EAST
DISTANCES ARE HORIZ. GROUND.
Copyright 2016 - All Rights Reserved

I, Jeffrey L. Fansler, a N. M. Professional Surveyor, hereby certify that I prepared this plat from an actual survey made on the ground under my direct supervision, said survey and plat meet the Min. Stds. for Land Surveying in the State of N. M. and are true and correct to the best of my knowledge and belief.

Jeffrey L. Fansler
Jeffrey L. Fansler NM PS 10034



APACHE CORPORATION

PRODUCTION WATER LINE
PRODUCTION GAS & SALES LINE
THUNDERBIRD DEVELOPMENT UNIT
SECTIONS 33, 34 & 35, T16S, R30E
N. M. P. M., EDDY COUNTY, NEW MEXICO

DATE: 08-11-2018	SHEET: 1 OF 9	REVISION: (X) XXX
SCALE: 1000'	SURVEYED BY: BC/AJ	JOB NO.: LS1805697
DRAWN BY: JBT	APPROVED BY: JLF	DWG. NO.: 1805697_1

**APACHE CORPORATION
PRODUCTION WATER LINE
THUNDERBIRD DEVELOPMENT UNIT
SECTION 35, T16S, R30E
N. M. P. M., EDDY COUNTY, NEW MEXICO**

DESCRIPTION

A strip of land 30 feet wide, being 4,036.05 feet or 244.609 rods in length, lying in Section 35, Township 16 South, Range 30 East, N. M. P. M., Eddy County, New Mexico, being 15 feet left and 15 feet right of the following described survey of a centerline across B. L. M. land:

BEGINNING at Engr. Sta. 73+78.74, a point on the West line of the Southwest quarter of Section 35, which bears, N 00°13'36" W, 625.78 feet from a brass cap, stamped "1916", found for the Southwest corner of Section 35;

Thence N 86°19'11" E, 377.81 feet, to Engr. Sta. 77+56.55, a P.I. of 11°47'26" left;

Thence N 74°31'45" E, 190.62 feet, to Engr. Sta. 79+47.17, a P.I. of 15°23'36" right;

Thence N 89°55'21" E, 519.12 feet, to Engr. Sta. 84+66.29, a P.I. of 01°06'34" left;

Thence N 88°48'47" E, 1075.92 feet, to Engr. Sta. 95+42.21, a P.I. of 00°16'27" left;

Thence N 88°32'20" E, 174.74 feet, to Engr. Sta. 97+16.95, a P.I. of 01°20'39" right;

Thence N 89°52'59" E, 407.69 feet, to Engr. Sta. 101+24.64, a P.I. of 00°32'26" left;

Thence N 89°20'33" E, 439.90 feet, to Engr. Sta. 105+64.54, a P.I. of 00°55'15" right;

Thence S 89°44'12" E, 269.18 feet, to Engr. Sta. 108+33.72, a P.I. of 02°14'50" left;

Thence N 88°00'58" E, 367.31 feet, to Engr. Sta. 112+01.03, a P.I. of 47°57'32" right;

Thence, S 44°01'30" E, 213.76 feet, to Engr. Sta. 114+14.79, a point in the Southeast quarter of Section 35, which bears, N 66°27'09" W, 1441.39 feet from a brass cap, stamped "1916", found for the Southeast corner of Section 35.

Said strip of land contains 2.7815 acres, more or less, and is allocated by forties as follows:

SW 1/4 SW 1/4	80.493 Rods	0.915 Acres
SE 1/4 SW 1/4	80.068 Rods	0.910 Acres
SW 1/4 SE 1/4	83.915 Rods	0.953 Acres
SE 1/4 SE 1/4	0.133 Rods	0.0035 Acres

SCALE: 1" = 1000'

0 500' 1000'

BEARINGS ARE GRID NAD 83
NM EAST
DISTANCES ARE HORIZ. GROUND.

LEGEND

() RECORD DATA GLO

◆ FOUND MONUMENT AS NOTED

— PROPOSED ACCESS ROAD
Firm No.: TX 10193838 NM 4655451

I, Jeffrey L. Fansler, a N. M. Professional Surveyor, hereby certify that I prepared this plat from an actual survey made on the ground under my direct supervision, said survey and plat meet the Min. Stds. for Land Surveying in the State of N. M. and are true and correct to the best of my knowledge and belief.

Jeffrey L. Fansler
Jeffrey L. Fansler NM PS 10034



Copyright 2016 - All Rights Reserved

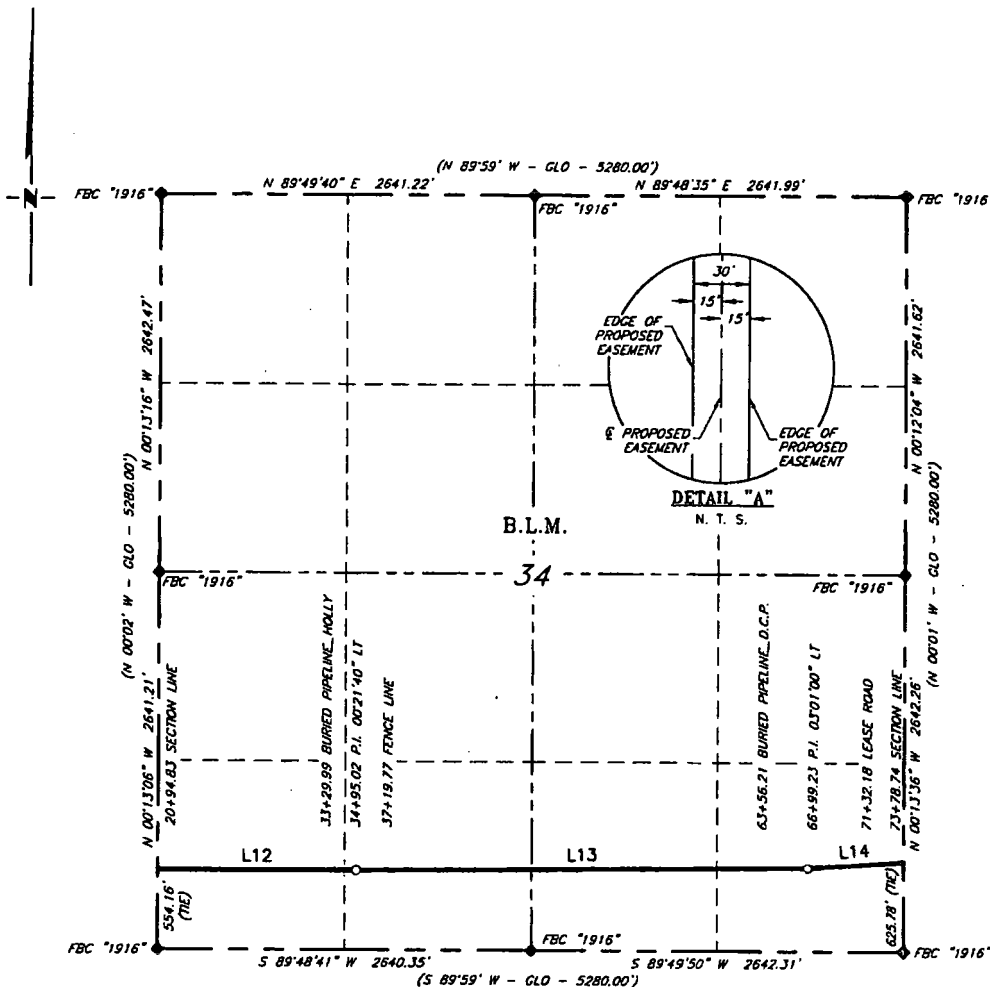
NO.	REVISION	DATE
JOB NO.:	LS1805697	
DWG. NO.:	1805697-8	

RRC

308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 1000'
DATE: 05-25-2018
SURVEYED BY: BC/AJ
DRAWN BY: JBT
APPROVED BY: JLF
SHEET: 9 OF 9

**APACHE CORPORATION
PRODUCTION WATER LINE
THUNDERBIRD DEVELOPMENT UNIT
SECTION 34, T16S, R30E
N. M. P. M., EDDY COUNTY, NEW MEXICO**



LINE	BEARING	DISTANCE
L12	N 89°41'51" E	1400.19'
L13	N 89°20'11" E	3204.21'
L14	N 86°19'11" E	679.51'

SCALE: 1" = 1000'
0 500' 1000'

BEARINGS ARE GRID MAG 83
NAD EAST
DISTANCES ARE HORIZ. GROUND.

LEGEND

() RECORD DATA - GLO

◆ FOUND MONUMENT AS NOTED

PROPOSED ACCESS ROAD
Firm No.: TX 10193838 NM 4653451

I, Jeffrey L. Fansler, a N. M. Professional Surveyor, hereby certify that I prepared this plat from an actual survey made on the ground under my direct supervision, said survey and plat meet the Min. Stds. for Land Surveying in the State of N. M. and are true and correct to the best of my knowledge and belief.

Jeffrey L. Fansler
Jeffrey L. Fansler NM PS 10034



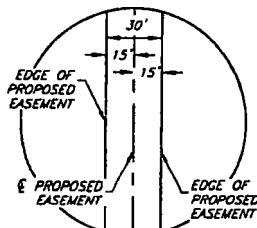
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NO.	REVISION	DATE
JOB NO.:	LS1805697	
DWG. NO.:	1805697_6	

RRC

308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 1000'
DATE: 05-25-2018
SURVEYED BY: BC/AJ
DRAWN BY: JBT
APPROVED BY: JLF
SHEET: 6 OF 9



DETAIL "A"
N. T. S.

LINE	BEARING	DISTANCE
L14	N 86°19'11" E	377.81
L15	N 74°31'45" E	190.62
L16	N 89°55'21" E	519.12
L17	N 88°48'47" E	1075.92
L18	N 88°32'20" E	174.74
L19	N 89°52'59" E	407.69
L20	N 89°20'33" E	439.90
L21	S 89°44'12" E	269.18
L22	N 88°00'58" E	367.31
L23	S 44°01'30" E	213.76

SCALE: 1" = 1000'

A horizontal scale bar with a black outline. It is divided into two equal segments by a vertical tick mark in the middle. Below the bar, the numbers 0, 500', and 1000' are printed at the left, center, and right ends respectively.

BEARINGS ARE GRID MAG 83
NM EAST
DISTANCES ARE HORIZ. GROUND.

() RECORD DATA - GLO

FOUND MONUMENT AS

PROPOSED ACCESS ROAD

Firm No.: TX 10193838 NM 4655451

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Jeffrey C. Fansler NM PS 1

NM PS 10034



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NO.	REVISION	DATE
JOB NO.: LS1805697		
DWG. NO.: 1805697 8		

RRC

308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 1000'

DATE: 05-25-2018

SURVEYED BY: BC/AJ

DRAWN BY: JBT

APPROVED BY: JLF

SHEET: 8 OF 9



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 E. Greene St.
Carlsbad, NM 88220-6292
www.blm.gov/nm



2800 (P020) tc

DECISION

Apache Corporation
C/O Carl York

Temporary Fresh Water line
Thunderbird Water Pipeline

Temporary Fresh Water Line Approved

By email request received May 1, 2017, you submitted a request to install **one 10-inch lay flat** fresh water pipeline across public lands in **Eddy** County New Mexico:

The route is more precisely defined on the attached map(s). This approval does not apply to state or to private lands.

The purpose and need for the pipeline is to provide fresh water from Apache Pit to Westall Waterline.

Apache Corporation, receives a right to construct, operate, maintain a 10-inch lay flat fresh water pipeline with related appurtenances for no more than 180 days across public lands in Eddy County, New Mexico, described as follows: **SEE ATTACHED MAP(s)**

Subject to the terms and conditions which are shown below, is hereby approved:

Surface pipelines 6.5 inch to 16-inch OD may be in place for no more than 180 days including installation. In accordance with your request, this 180-day period must occur within a window of October 1, 2017 to ~~April 1, 2018~~ **December 31, 2018**

- All lines will be removed when no longer in use.
- Width of authorized use is 15-feet.
- No blading and/or earthwork will be allowed in order to place the pipeline except burying the line under crossings.
- The pipeline will be buried under all intersecting routes, including BLM-designated trails and access roads into caliche pits, rancher watering stations, etc. All such buried crossings will be removed when the pipeline is removed, unless otherwise approved by the Authorized Officer. Pipelines larger than 6.5-inch OD may utilize other crossing methodologies (but any fill placed over pipeline must be brought in from off-site).
- Pipeline crossings of fences should be avoided where possible. If a crossing is necessary, contact fence owner [usually the grazing permittee] prior to installation, and install by threading pipeline under the lowest wire of the fence; pipeline should never cross on top of any fence wires.

- The pipeline shall stay within 10 feet maximum of existing disturbance (e.g. lease road, pipeline right-of-way etc.); placement should be within 5 feet whenever possible.
- Placement of pumps or other high-maintenance equipment shall be installed along maintained lease roads.
- Gas or diesel pumps, generators, or compressors shall be placed on visquen matting [or 20 mil plastic] and in a containment structure capable of containing all potentially released fuels. Containments must be protected against wildlife deaths in accordance with oilfield best management practices.
- Due to potential damage to natural resources, no work is allowed during inclement weather.
- Pipeline will be marked with your company's name and contact number, at beginning and ending points, at all public-road crossings, and at intervals not exceeding every 0.6 mile, unless otherwise approved by the Authorized Officer.
- Should unforeseen damage occur to resources, BLM will require reclamation of the impacted land.
- No water may be released into the environment without BLM consent.
- Placement of surface pipelines along or under public roadways may require permits from the road authority.
- This authorization is limited to lands under BLM jurisdiction. If your proposed pipeline crosses lands under private ownership or under other agency jurisdiction, you are responsible for obtaining all necessary permits and approvals from those parties.
- A copy of the letter and attached map must be available on the onsite location during all installation, operation, and removal operations.
 - All applicable regulations in 43 CFR 2800.
 - Archaeological clearance was reviewed and consulted with Bruce Boeke, CFO Archeologist.
 - Wildlife clearance was reviewed and consulted with Cassandra Brooks, CFO Wildlife Biologist.
 - No rental is required for this request.
 - **Water Line needs to be on the South side of the road.**

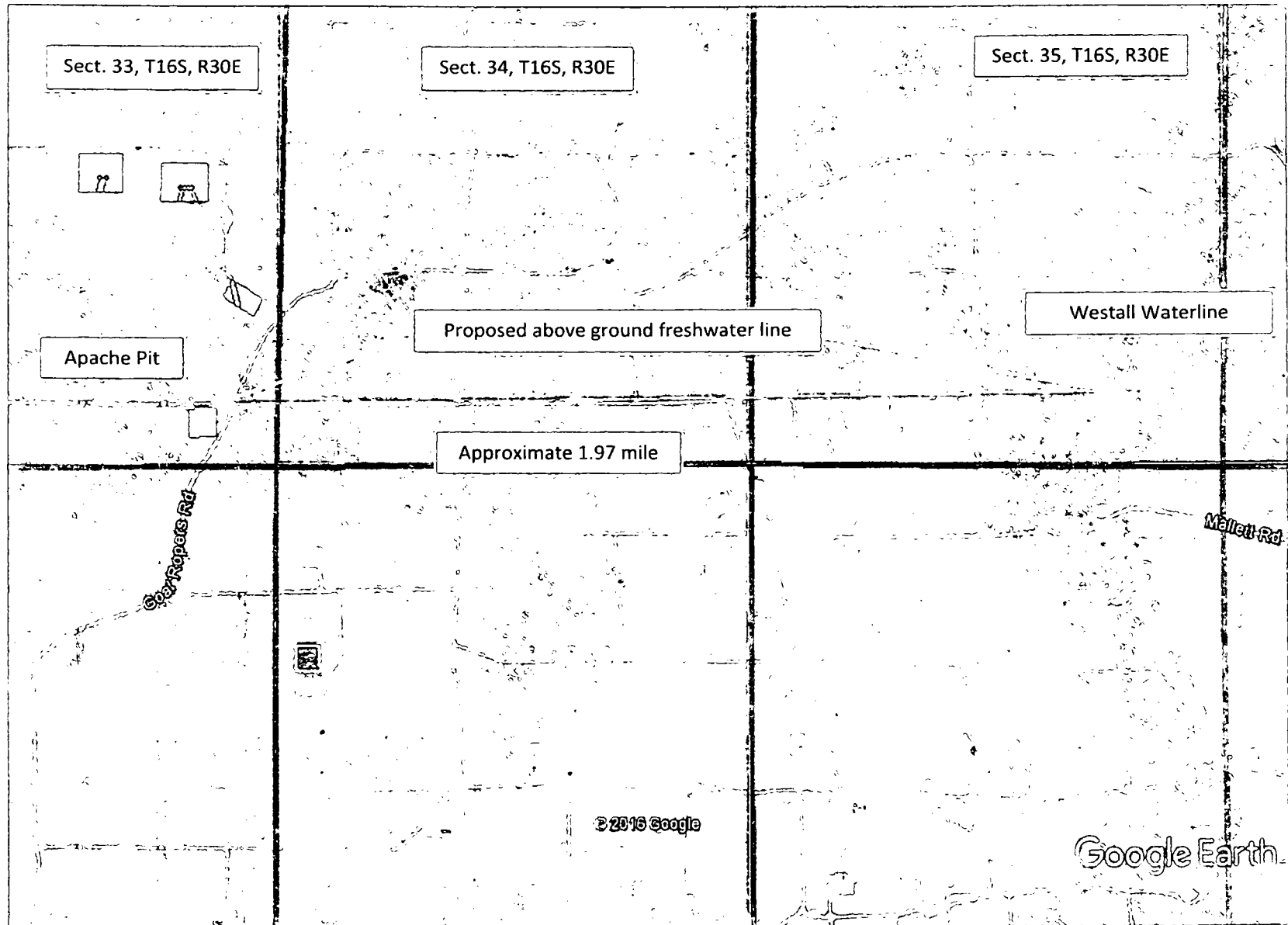
If you have any questions, please contact Tessa Cisneros at 575-234-5980.


Field Manager

IPVH
DSL
Shinnery oak

APACHE/THUNDERBIRD PROJECT

Need to
be on the
South Side of the Road.



EDDY CO. NM



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 E. Greene St.
Carlsbad, NM 88220-6292
www.blm.gov/nm



2800 (P020) tc

DECISION

Apache Corporation
C/O Carl York

: Temporary Fresh Water line
: Thunderbird Fed Com #5H
:

Temporary Fresh Water Line Approved

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The route is more precisely defined on the attached map(s). This approval does not apply to state or to private lands.

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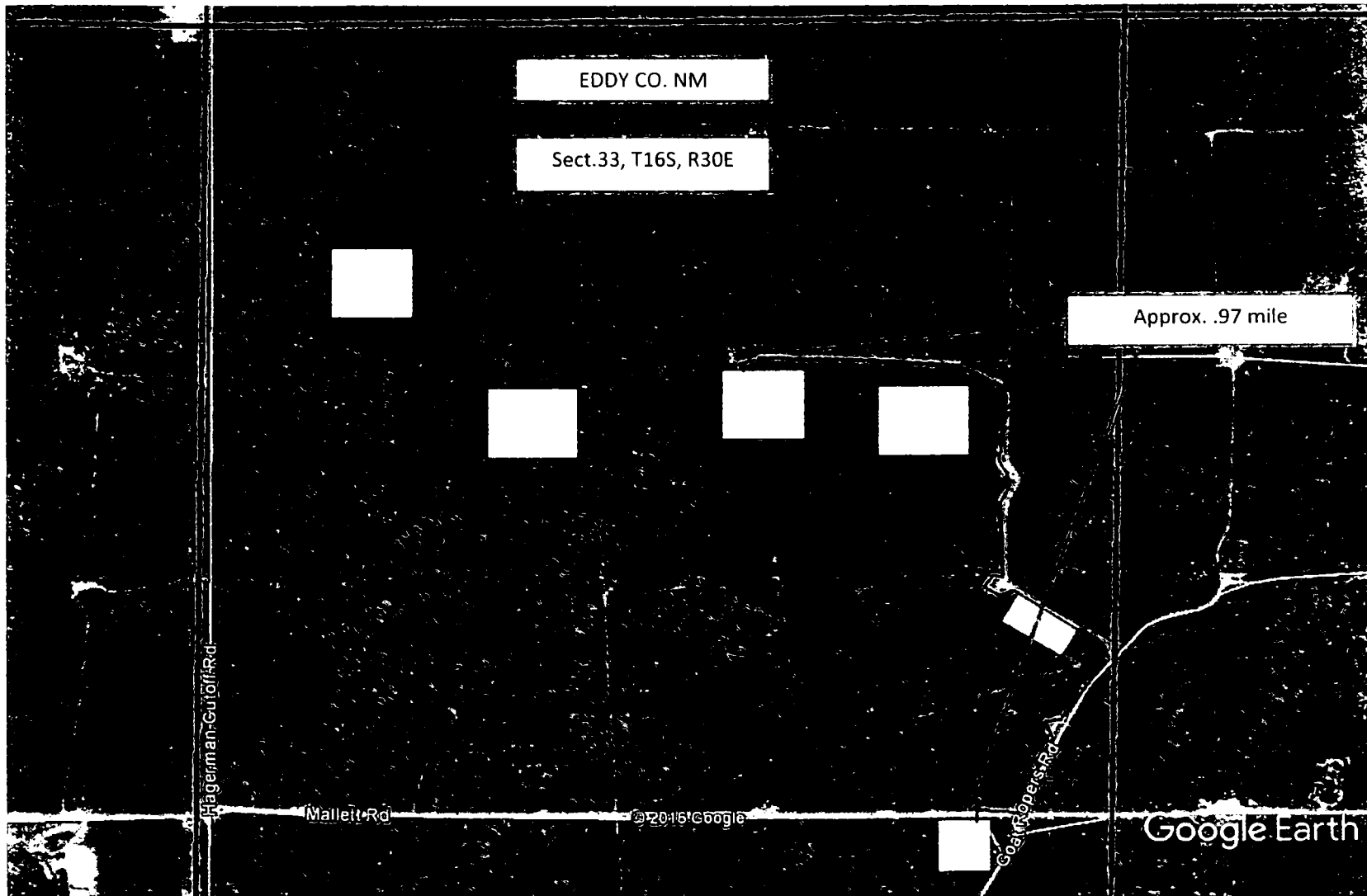
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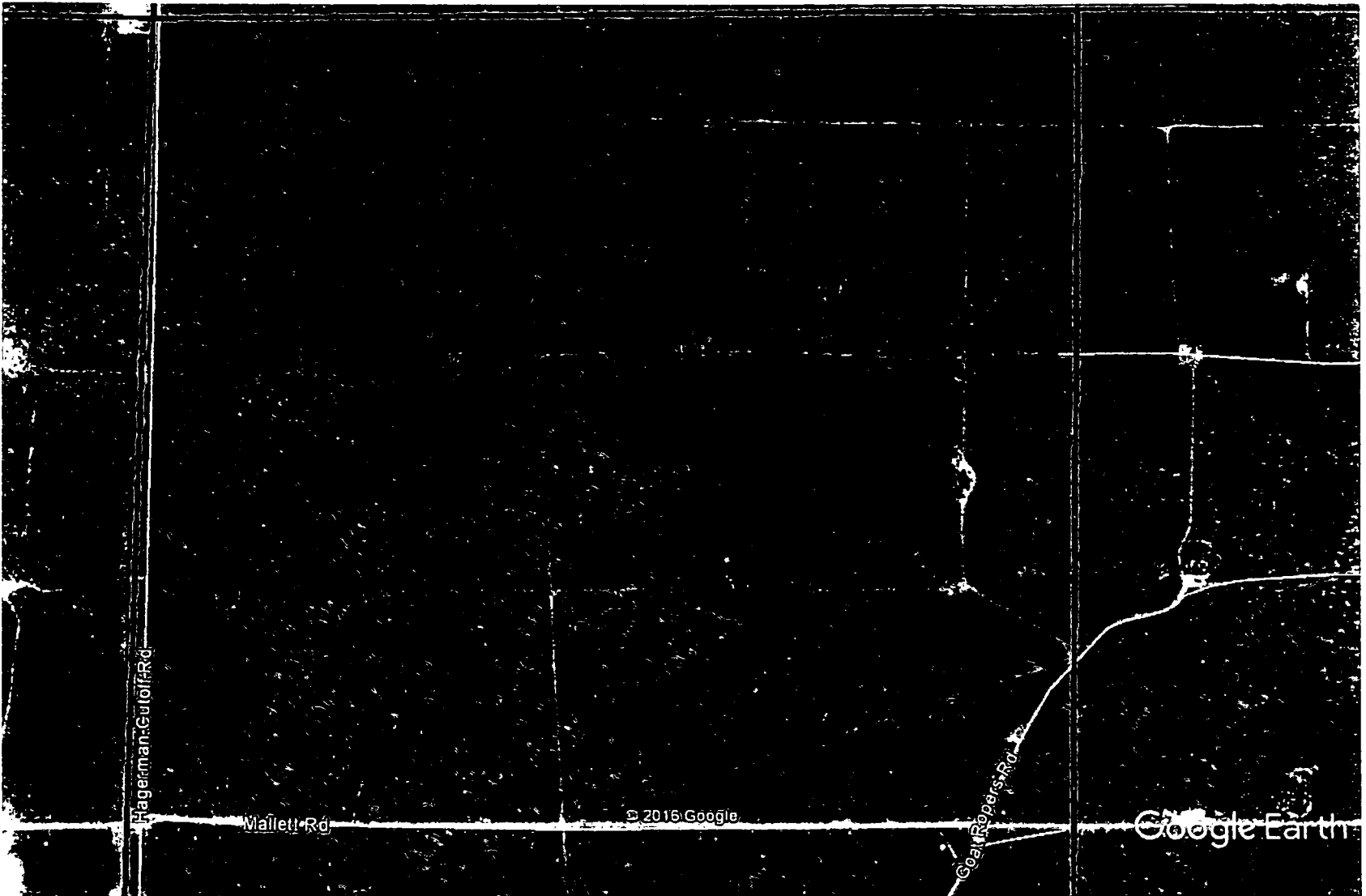
If you have any questions, please contact Tessa Cisneros at 575-234-5980.


 Field Manager

Thunderbird/BLM Pit to Padsite



Thunderbird/BLM Pit to Padsite



BLM LEASE NUMBER: NMLC060325

COMPANY NAME: Apache Corporation

ASSOCIATED WELL NAME: Thunderbird A 5H

BURIED PIPELINE STIPULATIONS

A copy of the application (Grant, APD, or Sundry Notice) and attachments, including conditions of approval, survey plat and/or map, will be on location during construction. BLM personnel may request to you a copy of your permit during construction to ensure compliance with all stipulations.

Holder agrees to comply with the following stipulations to the satisfaction of the Authorized Officer:

1. The Holder shall indemnify the United States against any liability for damage to life or property arising from the occupancy or use of public lands under this grant.
2. The Holder shall comply with all applicable Federal laws and regulations existing or hereafter enacted or promulgated. In any event, the holder shall comply with the Toxic Substances Control Act of 1976 as amended, 15 USC 2601 et seq. (1982) with regards to any toxic substances that are used, generated by or stored on the right-of-way or on facilities authorized under this right-of-way grant. (See 40 CFR Part 702-799 and especially, provisions on polychlorinated biphenyls, 40 CFR 761.1-761.193.) Additionally, any release of toxic substances (leaks, spills, etc.) in excess of the reportable quantity established by 40 CFR Part 117 shall be reported as required by the Comprehensive Environmental Response, Compensation, and Liability Act, section 102b. A copy of any report required or requested by any Federal agency or State government as a result of a reportable release or spill of any toxic substances shall be furnished to the authorized officer concurrent with the filing of the reports to the involved Federal agency or State government.
3. The holder agrees to indemnify the United States against any liability arising from the release of any hazardous substance or hazardous waste (as these terms are defined in the Comprehensive Environmental Response, Compensation and Liability Act of 1980, 42 U.S.C. 9601, et seq. or the Resource Conservation and Recovery Act, 42 U.S.C. 6901, et seq.) on the Right-of-Way (unless the release or threatened release is wholly unrelated to the Right-of-Way holder's activity on the Right-of-Way), or resulting from the activity of the Right-of-Way holder on the Right-of-Way. This agreement applies without regard to whether a release is caused by the holder, its agent, or unrelated third parties.
4. If, during any phase of the construction, operation, maintenance, or termination of the pipeline, any oil or other pollutant should be discharged from the pipeline system, impacting Federal lands, the control and total removal, disposal, and cleaning up of such oil or other pollutant, wherever found, shall be the responsibility of holder, regardless of fault. Upon failure of holder to control, dispose of, or clean up such discharge on or affecting Federal lands, or to repair all damages resulting therefrom, on the Federal lands, the Authorized Officer may take such measures as he deems necessary to control and clean up the discharge and restore the area, including where appropriate, the aquatic environment and fish and wildlife habitats, at the full expense of the holder. Such action by the Authorized Officer shall not relieve holder of any responsibility as provided herein.

5. All construction and maintenance activity will be confined to the authorized right-of-way.
6. The pipeline will be buried with a minimum cover of 36 inches between the top of the pipe and ground level.
7. The maximum allowable disturbance for construction in this right-of-way will be 30 feet:
- Blading of vegetation within the right-of-way will be allowed: maximum width of blading operations will not exceed 20 feet. The trench is included in this area. (*Blading is defined as the complete removal of brush and ground vegetation.*)
 - Clearing of brush species within the right-of-way will be allowed: maximum width of clearing operations will not exceed 30 feet. The trench and bladed area are included in this area. (*Clearing is defined as the removal of brush while leaving ground vegetation (grasses, weeds, etc.) intact. Clearing is best accomplished by holding the blade 4 to 6 inches above the ground surface.*)
 - The remaining area of the right-of-way (if any) shall only be disturbed by compressing the vegetation. (*Compressing can be caused by vehicle tires, placement of equipment, etc.*)
8. The holder shall stockpile an adequate amount of topsoil where blading is allowed. The topsoil to be stripped is approximately 6 inches in depth. The topsoil will be segregated from other spoil piles from trench construction. The topsoil will be evenly distributed over the bladed area for the preparation of seeding.
9. The holder shall minimize disturbance to existing fences and other improvements on public lands. The holder is required to promptly repair improvements to at least their former state. Functional use of these improvements will be maintained at all times. The holder will contact the owner of any improvements prior to disturbing them. When necessary to pass through a fence line, the fence shall be braced on both sides of the passageway prior to cutting of the fence. No permanent gates will be allowed unless approved by the Authorized Officer.
10. Vegetation, soil, and rocks left as a result of construction or maintenance activity will be randomly scattered on this right-of-way and will not be left in rows, piles, or berms, unless otherwise approved by the Authorized Officer. The entire right-of-way shall be recontoured to match the surrounding landscape. The backfilled soil shall be compacted and a 6 inch berm will be left over the ditch line to allow for settling back to grade.
11. In those areas where erosion control structures are required to stabilize soil conditions, the holder will install such structures as are suitable for the specific soil conditions being encountered and which are in accordance with sound resource management practices.
12. The holder will reseed all disturbed areas. Seeding will be done according to the attached seeding requirements, using the following seed mix.

- | | |
|--|--|
| <input type="checkbox"/> seed mixture 1 | <input type="checkbox"/> seed mixture 3 |
| <input type="checkbox"/> seed mixture 2 | <input type="checkbox"/> seed mixture 4 |
| <input checked="" type="checkbox"/> seed mixture 2/LPC | <input type="checkbox"/> Aplomado Falcon Mixture |

13. All above-ground structures not subject to safety requirements shall be painted by the holder to blend with the natural color of the landscape. The paint used shall be color which simulates "Standard Environmental Colors" – **Shale Green**, Munsell Soil Color No. 5Y 4/2.

14. The pipeline will be identified by signs at the point of origin and completion of the right-of-way and at all road crossings. At a minimum, signs will state the holder's name, BLM serial number, and the product being transported. All signs and information thereon will be posted in a permanent, conspicuous manner, and will be maintained in a legible condition for the life of the pipeline.

15. The holder shall not use the pipeline route as a road for purposes other than routine maintenance as determined necessary by the Authorized Officer in consultation with the holder before maintenance begins. The holder will take whatever steps are necessary to ensure that the pipeline route is not used as a roadway. As determined necessary during the life of the pipeline, the Authorized Officer may ask the holder to construct temporary deterrence structures.

16. Any cultural and/or paleontological resources (historic or prehistoric site or object) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the Authorized Officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the Authorized Officer. An evaluation of the discovery will be made by the Authorized Officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and any decision as to proper mitigation measures will be made by the Authorized Officer after consulting with the holder.

17. The operator shall be held responsible if noxious weeds become established within the areas of operations. Weed control shall be required on the disturbed land where noxious weeds exist, which includes associated roads, pipeline corridor and adjacent land affected by the establishment of weeds due to this action. The operator shall consult with the Authorized Officer for acceptable weed control methods, which include following EPA and BLM requirements and policies.

18. Escape Ramps - The operator will construct and maintain pipeline/utility trenches [that are not otherwise fenced, screened, or netted] to prevent livestock, wildlife, and humans from becoming entrapped. At a minimum, the operator will construct and maintain escape ramps, ladders, or other methods of avian and terrestrial wildlife escape in the trenches according to the following criteria:

- a. Any trench left open for eight (8) hours or less is not required to have escape ramps; however, before the trench is backfilled, the contractor/operator shall inspect the trench for wildlife, remove all trapped wildlife, and release them at least 100 yards from the trench.
- b. For trenches left open for eight (8) hours or more, earthen escape ramps (built at no more than a 30 degree slope and spaced no more than 500 feet apart) shall be placed in the trench.

19. Special Stipulations:

Lesser Prairie-Chicken

Oil and gas activities will not be allowed in lesser prairie-chicken habitat during the period from March 1st through June 15th annually. During that period, other activities that produce noise or involve human activity, such as the maintenance of oil and gas facilities, geophysical exploration other than 3-D operations, and pipeline, road, and well pad construction, will be allowed except

between 3:00 am and 9:00 am. The 3:00 am to 9:00 am restriction will not apply to normal, around-the-clock operations, such as venting, flaring, or pumping, which do not require a human presence during this period. Normal vehicle use on existing roads will not be restricted. Exhaust noise from pump jack engines must be muffled or otherwise controlled so as not to exceed 75 db measured at 30 ft. from the source of the noise.

Dunes Sagebrush Lizard Trench Stipulation:

- Pre-construction contact with a BLM wildlife biologist is required within 5 days before any ground disturbing activities associated with the project occurs.
- Successful completion of the BLM Trench Stipulation Workshop is required for a non-agency person to be approved as a monitor.
- Any trench left open for (8) hours or less is not required to have escape ramps; however, before the trench is backfilled, an agency approved monitor shall walk the entire length of the open trench and remove all trapped vertebrates. The bottom surface of the trench will be disturbed a minimum of 2 inches in order to arouse any buried vertebrates. All vertebrates will be released a minimum of 100 yards from the trench.
- For trenches left open for eight (8) hours or more the following requirements apply:
 - Earthen escape ramps and/or structures (built at no more than a 30 degree slope and spaced no more than 500 feet apart) shall be placed in the trench. Metal structures will not be authorized. Options will be discussed in detail at the required Trench Stipulation Workshop.
 - One approved monitor shall be required to survey up to three miles of trench between the hours of 11 AM-2 PM. A daily report (consolidate if there is more than one monitor) on the vertebrates found and removed from the trench shall be provided to the BLM (email/fax is acceptable) the following morning.
 - Prior to backfilling of the trench all structures used as escape ramps will be removed and the bottom surface of the trench will be disturbed a minimum of 2 inches in order to arouse any buried vertebrates. All vertebrates will be released a minimum of 100 yards from the trench.
- This stipulation shall apply to the entire length of the project in the DSL habitat polygon regardless of land ownership or CCA/CCAA enrollment status.
- A project closeout will be required within three business days of the completion of the project.

Cattleguards

An appropriately sized cattleguard(s) sufficient to carry out the project shall be installed and maintained at fence crossing(s). Any existing cattleguard(s) on the access road shall be repaired or replaced if they are damaged or have deteriorated beyond practical use. The operator shall be responsible for the condition of the existing cattleguard(s) that are in place and are utilized during lease operations. A gate shall be constructed on one side of the cattleguard and fastened securely to H-braces.

Fence Requirement

Where entry granted across a fence line, the fence must be braced and tied off on both sides of the passageway prior to cutting. Once the work is completed, the fence will be restored to its prior condition, or better. The operator shall notify the private surface landowner or the grazing allotment holder prior to crossing any fence(s).

Seed Mixture for LPC Sand/Shinnery Sites

Holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed shall be done in accordance with State law(s) and within nine (9) months prior to purchase. Commercial seed shall be either certified or registered seed. The seed container shall be tagged in accordance with State law(s) and available for inspection by the Authorized Officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). Holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. Seeding shall be repeated until a satisfactory stand is established as determined by the Authorized Officer. Evaluation of growth may not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

<u>Species</u>	<u>lb/acre</u>
Plains Bristlegrass	5lbs/A
Sand Bluestem	5lbs/A
Little Bluestem	3lbs/A
Big Bluestem	6lbs/A
Plains Coreopsis	2lbs/A
Sand Dropseed	1lbs/A

*Pounds of pure live seed:

Pounds of seed x percent purity x percent germination = pounds pure live seed