

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Carlsbad Field Office

OCD Artesia

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.FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 20185. Lease Serial No.
NMNM030456

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM71016T8. Well Name and No.
POKER LAKE UNIT CVX JV BS 24H9. API Well No.
30-015-41598-00-S110. Field and Pool or Exploratory Area
WCG06S253002O-BONE SPRING11. County or Parish, State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
BOPCO LPContact: STEPHANIE RABADUE
E-Mail: stephanie_rabadue@xtoenergy.com3a. Address
6401 HOLIDAY HILL RD BLDG 5 SUITE 200
MIDLAND, TX 797073b. Phone No. (include area code)
Ph: 432-620-6714

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 1 T25S R30E SWSW 165FSL 1160FWL
32.091039 N Lat, 103.502139 W Lon**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.

BOPCO, L.P. respectfully submits this sundry notice of intent to construct the Poker Lake Unit Row 5 Pipeline and compressor stations on Federal surface.

The project will consist of 59,769.67' pipeline corridor. Multiple lines will be constructed along a common corridor connecting 'Row 5' to the proposed North/South Trunk Line (submitted separately) planned development. The request includes three (3) compressor stations and associated infrastructure.

Pipeline request, line detail and plats are attached to this sundry.

RECEIVED

AUG 07 2018

Approved BB DOI-BLM-NM-P22-2018-0670-FA DISTRICT ARTESIA O.O.D.

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

Electronic Submission #423616 verified by the BLM Well Information System

For BOPCO LP, sent to the Carlsbad

Committed to AFMSS for processing by PRISCILLA PEREZ on 06/12/2018 (18PP1944SE)

Name (Printed/Typed) STEPHANIE RABADUE

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 06/12/2018

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 ****

Pipeline Request

Poker Lake Unit Row 5 Pipeline Corridor and Compressor Stations

XTO Energy, Inc. / BOPCO, L.P.

Sections 19, 20, 22, 23, 25, 26, 27, 30 & 31-T25S-R30E (Bureau of Land Management)

Sections 20, 28, 29 & 30-25S-31E (Bureau of Land Management)

Sections 21-25S-30E (Fee)

Eddy County, New Mexico

1. PURPOSE AND NEED:

- a. XTO Energy, Inc. / BOPCO, L.P. respectfully requests a 180' pipeline corridor and a 150' pipeline corridor with a 30' temporary easement approximately 59,769.67' long be granted through Poker Lake Unit Sections 19, 20, 22, 23, 25, 26, 27, 30, 31-T25S-R30E, and Sections 20, 28, 29 & 30-25S-31E.
- b. The purpose of the pipeline corridor is to extend the midstream takeaway system throughout contiguous acreage for the purpose of selling oil and gas, disposal of produced water, reuse of produced water, and interconnect critical pieces of operations safely and responsibly with consideration to the environment, long-term development, and mineral production.
- c. XTO Energy, Inc./BOPCO, L.P. anticipates a project start date of: June 15, 2018 with construction taking 8 months. Upon completion of construction, XTO Energy/BOPCO, L.P. requests 6mos to complete interim reclamation of the site and install necessary traffic deterrents whereupon a subsequent sundry will be filed with the Authorized Officer. If additional time is deemed necessary to complete construction or reclamation, a sundry will be filed with the Authorized Officer pursuant to anticipated activities.
- d. The pipeline corridor as proposed is anticipated to hold 13 pipelines, all 22" or less in diameter, to carry oil, gas, water, produced water, high pressure gas, low pressure gas, and aide to a buried water system for drilling and completion activities throughout Poker Lake Unit. A final report of pipeline diameters will be submitted on a subsequent sundry to the BLM upon the completion of the pipeline corridor.
- e. Pipeline specifics can be found on Exhibit A.
- f. All lines will be buried a minimum of 36" beneath the surface.
- g. All requested disturbance is anticipated to follow existing disturbance areas where possible.
- h. The pipeline corridor will be identified by signs at the point of origin and completion of the line in addition to all road crossings. Signs will state, at minimum: the holder's name and 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 corridor.
- i. The pipeline corridor will not be used as a road for purposes other than routine maintenance as determined necessary by the Authorized Officer in consultation with XTO Energy/BOPCO, L.P. before maintenance begins. XTO Energy/BOPCO, L.P. will take all necessary precautions to ensure that the pipeline route is not used as a roadway. Temporary deterrence structures will be used as needed and approved by the Authorized Officer.
- j. All permanent aboveground structures (on site six months or longer), such as risers, constructed or installed on location and not subject to safety requirements will be painted an earth-tone color such as 'Shale Green' as determined by the Authorized Officer that reduces the visual impacts on the built environment.

- k. Escape ramps will be constructed and maintained that are not fenced, screened, or netted to prevent livestock, wildlife, and humans from becoming entrapped. XTO Energy/BOPCO, L.P. will construct and maintain escape ramps, ladders, or other methods of avian/terrestrial wildlife escape in the trenches according to the following criteria:
 - i. Any trench left open for 8 hours or less will not have escape ramps. However, prior to backfilling, XTO/BOPCO, L.P. shall inspect the trench for wildlife, remove all trapped wildlife, and release them at least 100 yards from the trench.
 - ii. Any trench left open for more than 8 hours will have earthen escape ramps built at no more than a 30 degree slope and spaced no more than 500' apart inside of the trench.

2. PIPELINE LOCATION:

- a. See Attached Plats

3. FACILITY DESIGN FACTORS:

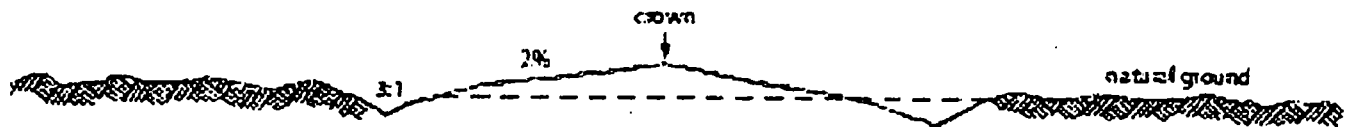
- a. See Attached Table (Exhibit A)

4. LOCATION OF PROPOSED FACILITIES

- a. **Compressor Stations.** 3 Compressor Stations were staked along the Poker Lake Unit Row 5 Corridor. Each compressor station was staked at 1150'x1100' to support anticipated Row 5 long-term mineral development and production volumes. The compressor station locations and associated access roads were staked at time of on-site with Fernando Banós, BLM Natural Resource Specialist. A site-facility diagram and as-built plat will be submitted on a subsequent sundry to BLM upon completion of construction. The location of the compressor stations are:
 - i. Station #1: SW/4 Sec 20 25S-31E. See attached plat from RRC Surveying.
 - ii. Station #2: NW/4 Sec 20 25S-30E. See attached plat from RRC Surveying
 - iii. Station #3: SW/4 Sec 23 25S- 30E. See attached plat from RRC Surveying
- b. **Flare.** One flare stack will be located on each compressor station. Each flare will be sized appropriately and with 150' of distance between all facility equipment, road and well pad locations for safety purposes.
- c. **Communication Tower.** A communication tower will be located on the compressor station pads and will be sized to 189' set in a concrete foundation for purposes of long-distance communication. An FAA permit will be acquired by XTO Energy, Inc./BOPCO, L.P. prior to construction of the facility and construction will not ensue until such time as all permits are received from appropriate regulatory entities.
- d. **Aboveground Structures:** All permanent (on site six months or longer) aboveground structures constructed or installed on location and not subject to safety requirements will be painted earth-tone colors such as 'shale green' that reduce the visual impacts of the built environment.
- e. **Containment Berms:** Containment berms will be constructed completely around any production facilities designed to hold fluids. The containment berms will be constructed of compacted subsoil, be sufficiently impervious, hold 1 ½ times the capacity of the largest tank and away from cut or fill areas.
- f. **Electrical:** No electrical will be constructed at this time.

5. PROPOSED ROADS:

- a. **New Roads.** There is a total of approximately 59,769.67' of proposed and staked access roads along pipeline corridor route and accessing compressor stations.
- b. **Anticipated Traffic.** After construction completion, travel to each well site will include only those required to maintain and monitor the appropriate facilities.
- c. **Routing.** All equipment and vehicles will be confined to the travel routes laid out in the proposed road corridors or existing roads as detailed in the sundry application otherwise approved by the BLM and applied for by XTO Energy, Inc./BOPCO, L.P.
- d. **Road Dimensions.** The maximum width of the driving surface of new roads will be 20 feet. The roads will be crowned and ditched with a 2% slope from the tip of the crown to the edge of the driving surface. The ditches will be 1 foot deep with 3:1 slopes. The driving surface will be made of 6" rolled and compacted caliche.



Level Ground Section

- e. **Surface Material.** Surface material will be native caliche. The average grade of all roads will be approximately 3%.
 - f. **Fence Cuts:** Three (3) fence cuts have been identified. Openings will be braced and secured as detailed in EA submitted.
 - g. **Fences:** No.
 - h. **Cattle Guards:** No.
 - i. **Turnouts:** No.
 - j. **Culverts:** No.
 - k. **Cuts and Fills:** Not significant.
 - l. **Topsoil.** Approximately 6 inches of topsoil (root zone) will be stripped from the proposed access road prior to any further construction activity. The topsoil that was stripped will be spread along the edge of the road and within the ditch. The topsoil will be seeded with the proper seed mix designated by the BLM.
 - m. **Maintenance.** The access road will be constructed and maintained as necessary to prevent soil erosion and accommodate all-weather traffic. The road will be crowned and ditched with water turnouts installed as necessary to provide for proper drainage along with access road route.
 - n. **Drainage.** The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, The Gold Book, Fourth Edition and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction.
6. **ADDITIONAL GOVERNMENT AGENCIES INVOLVED:**
- a. No additional government agencies are involved.
 - b. **Private Land.** Appropriate agreements have been made with the private surface owner, where applicable, for purposes of construction and maintenance.

7. METHODS OF HANDLING WASTE DISPOSAL:

- a. Portable, self-contained chemical toilets will be provided for human waste disposal. Upon completion of operations, or as required, the toilet holding tanks will be pumped and the contents thereof disposed of in an approved sewage disposal facility. All state and local laws and regulations pertaining to disposal of human and solid waste will be complied with. This equipment will be properly maintained during the drilling and completion operations and will be removed when all operations are complete.
- b. All trash, junk, and other waste materials will be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Immediately after pipeline corridor completion all debris and other waste materials on and around the well location not contained in the trash cage will be cleaned up and removed from the location. No potentially adverse materials or substances will be left on the location.
- c. Hazardous Materials.
 - i. XTO Energy, Incorporated/BOPCO, L.P., and its contractors will comply with all applicable Federal, State and local laws and regulations, existing or hereafter enacted promulgated, with regard to any hazardous material, as defined in this paragraph, that will be used, produced, transported or stored on the oil and gas lease. "Hazardous material" means any substance, pollutant or contaminant that is listed as hazardous under the CERCLA of 1980, as amended, 42 U.S.C 9601 et seq., and its regulation. The definition of hazardous substances under CERCLA includes any "hazardous waste" as defined in the RCRA of 1976, as amended, 42 U.S.C. 6901 et seq., and its regulations. The term hazardous material also includes any nuclear or nuclear by-product material as defined by the Atomic Energy Act of 1954, as amended, 42 U.S.C. 2011 et seq. The term does not include petroleum, including crude oil or any fraction thereof that is not otherwise specifically listed or designated as a hazardous substance under CERCLA Section 101 (14) U.S.C. 9601 (14) nor does the term include natural gas.
 - ii. No hazardous substances or wastes will be stored on the location after completion of the pipeline corridor.
 - iii. Chemicals brought to location will be on the Toxic Substance Control Act (TSCA) approved inventory list.
 - iv. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in Notice to Lessees (NTL) 3A will be reported to the BLM Carlsbad Field Office. Major events will be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days.

8. ANCILLARY FACILITIES:

No campsite, airstrip or other facilities will be built as a result of this operation. No staging areas are needed.

9. PLANS FOR SURFACE RECLAMATION:

Interim Reclamation:

Definition: Reclamation includes disturbed areas where the original landform and a natural vegetative community will be restored and it is anticipated the site will not be disturbed for future development.

Reclamation Standards:

After construction has taken place, all areas of the applied for corridor will be reclaimed and seeded as per BLM requirements for reclamation.

Vegetation, soil, and rocks left as a result of construction of maintenance activity will be randomly scattered on the applied for pipeline corridor and will not be left in rows, piles, or berms, unless otherwise approved by the Authorized Officer. The entire pipeline corridor 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.

Erosion features are equal to or less than surrounding area and erosion control is sufficient so that water naturally infiltrates into the soil and gullying, headcutting, slumping, and deep or excessive rills (greater than 3 inches) are not observed.

In those areas where erosion control structures are required to stabilize soil conditions, XTO Energy, Incorporated / BOPCO, L.P. will install such structures as are suitable for specific soil conditions being encountered and which are in accordance with sound resource management practices.

The location will then be ripped and seeded. A self-sustaining, vigorous, diverse, native (or otherwise approved) plant community will be established on the site with a density sufficient to control erosion and invasion by non-native plants and to re-establish wildlife habitat or forage production. At a minimum, the established plant community will consist of species included in the seed mix and/or desirable species occurring in the surrounding natural vegetation.

The site will be free of State-or County-listed noxious weeds, oil field debris and equipment, and contaminated soil. Invasive and non-native weeds will be controlled.

Seeding:

- Seedbed Preparation: Initial seedbed preparation will consist of recontouring to the appropriate interim or final reclamation standard. All compacted areas to be seeded will be ripped to a minimum depth of 18 inches with a minimum furrow spacing of 2 feet, followed by recontouring the surface and then evenly spreading the stockpiled topsoil. Prior to seeding, the seedbed will be scarified to a depth

of no less than 4-6 inches. If the site is to be broadcast seeded, the surface will be left rough enough to trap seed and snow, control erosion, and increase water infiltration.

- If broadcast seeding is to be used and is delayed, final seedbed preparation will consist of contour cultivating to a depth of 4-6 inches within 24 hours prior to seeding, dozer tracking, or other imprinting in order to break the soil crust and create seed germination micro-sites.
- Seed Application. Seeding will be conducted no more than two weeks following completion of final seedbed preparation. A certified weed-free seed mix designed by the BLM to meet reclamation standards will be used.
- If the site is harrowed or dragged, seed will be covered by no more than 0.25 inch of soil.

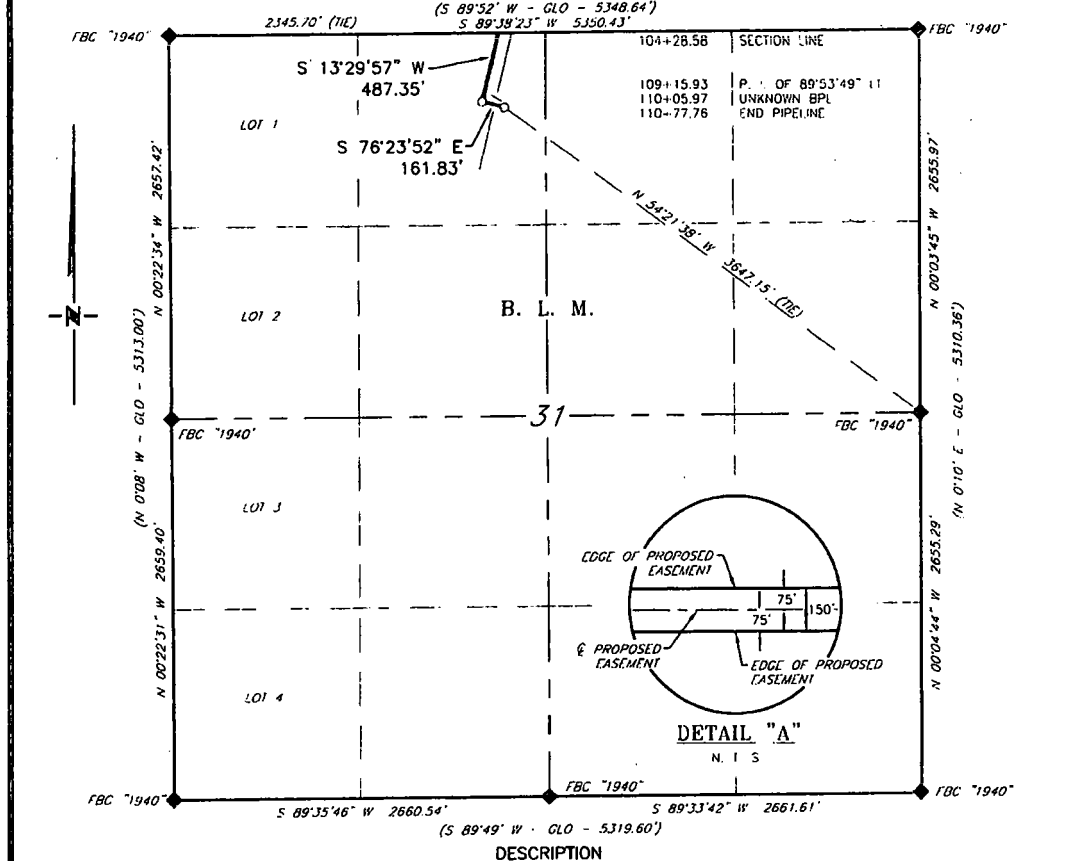
10. OTHER INFORMATION:

- a. There is no permanent or live water in the immediate area.
- b. There are no dwellings within 2 miles of this location.
- c. A Class III Cultural Resources Examination has been completed by Boone Archaeological Services and the results will be forwarded to the BLM office.
- d. A 3rd Party EA was completed and submitted to the BLM office.
- e. A wildlife survey was completed and submitted to the BLM office.

11. BOND COVERAGE:

- a. XTO Energy, Inc. Bond Coverage is Nationwide; Bond Number UTB000138.
- b. BOPCO, LP Bond Coverage is Nationwide; Bond Number COB000050

XTO ENERGY, INC.
PROPOSED BURIED PIPELINE FROM THE POKER LAKE ROW 5
COMPRESSOR STATION #2
TO THE BRUSHY DRAW PIPELINE
SECTION 31, T25S, R30E,
N. M. P. M., EDDY CO., NEW MEXICO



A strip of land 150 feet wide (and a 30 foot wide temporary easement), being 649.18 feet or 39.344 rods in length, lying in Section 31, Township 25 South, Range 30 East, N. M. P. M., Eddy County, New Mexico, being 75 feet left and 75 feet right of the following described survey of a centerline across B. L. M. land:

BEGINNING at Engr. Sta. 104+28.58, a point on the North line of Section 31, which bears, N 89°38'23" E, 2,345.70 feet from a brass cap, stamped "1940", found for the Northwest corner of Section 31;

Thence S 13°29'57" W, 487.35 feet, to Engr. Sta. 109+15.93, a P. I. of 89°53'49" left;

Thence S 76°23'52" E, 161.83 feet, to Engr. Sta. 110+77.76, the End of Survey, a point in the Northwest quarter of Section 31, which bears, N 54°21'38" W, 3,647.15 feet from a brass cap, stamped "1940", found for the East quarter corner of Section 31.

Said strip of land contains 2.235 acres, more or less, and is allocated by forties as follows:

NE 1/4 NW 1/4 39.344 Rods 2.235 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 PIPELINE

I, R. M. Howett, 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.

Robert M. Howett
Robert M. Howett NM PS 19680



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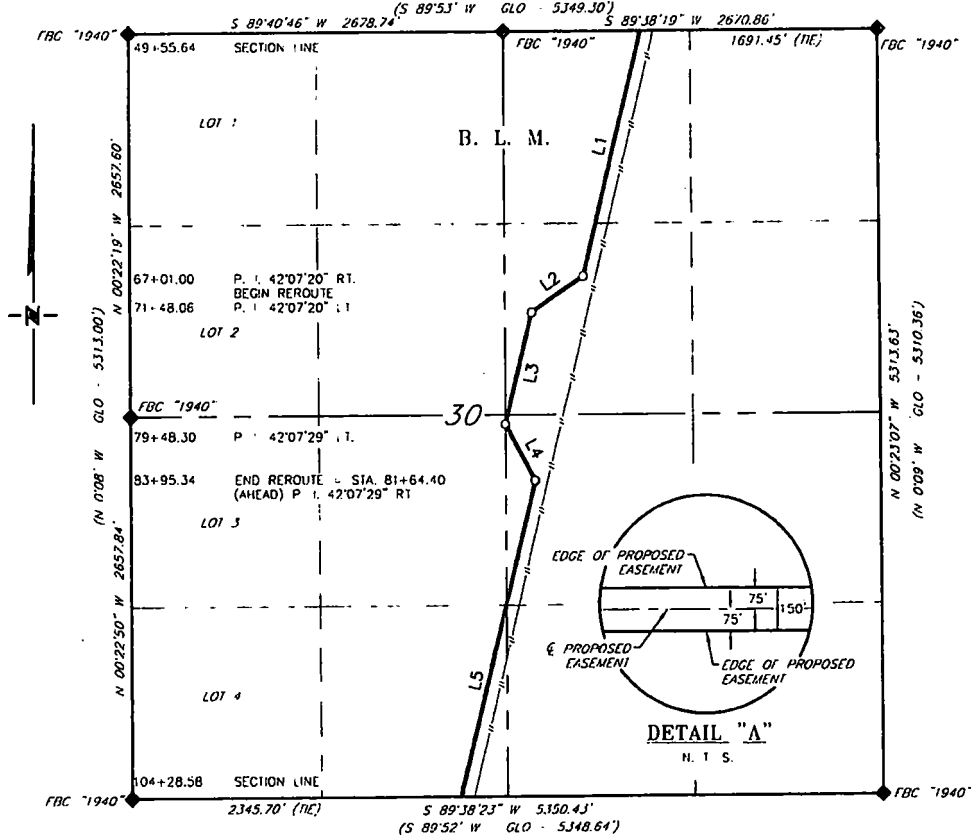
NO.	REVISION	DATE
JOB NO.:	LS1707428	
DWG. NO.:	5-1707428	

RRC

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

SCALE: 1" = 2000'
DATE: 7-17-2017
SURVEYED BY: JM/EF
DRAWN BY: CMJ
APPROVED BY: RMH
SHEET: 5 OF 5

XTO ENERGY, INC.
PROPOSED BURIED PIPELINE FROM THE POKER LAKE ROW 5
COMPRESSOR STATION #2
TO THE BRUSHY DRAW PIPELINE RE-ROUTE
SECTION 30, T25S, R30E,
N. M. P. M., EDDY CO., NEW MEXICO



LINE TABLE		
LINE	BEARING	LENGTH
L1	S 13°29'57" W	1,745.36'
L2	S 55°37'17" W	447.06'
L3	S 13°29'57" W	800.24'
L4	S 28°37'32" F	447.04'
L5	S 13°29'57" W	2,264.18'

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 PIPELINE

I, R. M. Howett, 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.

Robert M. Howett
 Robert M. Howett NM PS 19680



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NO.	REVISION	DATE
JOB NO.:	LS1711773	
DWG. NO.:	1-1711773	

RRC

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

SCALE: 1" = 2000'
DATE: 12/8/2017
SURVEYED BY: JM/JC
DRAWN BY: CMJ
APPROVED BY: RMH
SHEET: 1 OF 2

XTO ENERGY, INC.
PROPOSED BURIED PIPELINE FROM THE POKER LAKE ROW 5
COMPRESSOR STATION #2
TO THE BRUSHY DRAW PIPELINE RE-ROUTE
SECTION 30, T25S, R30E,
N. M. P. M., EDDY CO., NEW MEXICO

DESCRIPTION

A strip of land 150 feet wide (and a 30 foot wide temporary easement), being 5,703.88 feet or 345.690 rods in length, lying in Section 30, Township 25 South, Range 30 East, N. M. P. M., Eddy County, New Mexico, being 75 feet left and 75 feet right of the following described survey of a centerline across B. L. M. land:

BEGINNING at Engr. Sta. 49+55.64, a point on the North line of Section 30, which bears, S 89°38'19" W, 1,691.45 feet from a brass cap, stamped "1940", found for the Northeast corner of Section 30;

Thence S 13°29'57" W, 1,745.36 feet, to Engr. Sta. 67+01.00, a P. I. of 42°07'20" right;

Thence S 55°37'17" W, 447.06 feet, to Engr. Sta. 71+48.06, a P. I. of 42°07'20" left;

Thence S 13°29'57" W, 800.24 feet, to Engr. Sta. 79+48.30, a P. I. of 42°07'29" left;

Thence S 28°37'32" E, 447.04 feet, to Engr. Sta. 83+95.34 (back), = Sta. 81+64.40 (ahead), a P. I. of 42°07'29" right;

Thence S 13°29'57" W, 2,264.18 feet, to Engr. Sta. 104+28.58, a point on the South line of Section 30, which bears, N 89°38'23" E, 2,345.70 feet from a brass cap, stamped "1940", found for the Southwest corner of Section 30.

Said strip of land contains 19.641 acres, more or less, and is allocated by forties as follows:

NW 1/4 NE 1/4	82.924 Rods	4.712 Acres
SW 1/4 NE 1/4	94.405 Rods	5.364 Acres
NW 1/4 SE 1/4	84.859 Rods	4.821 Acres
NE 1/4 SW 1/4	0.579 Rods	0.033 Acres
SE 1/4 SW 1/4	82.923 Rods	4.711 Acres

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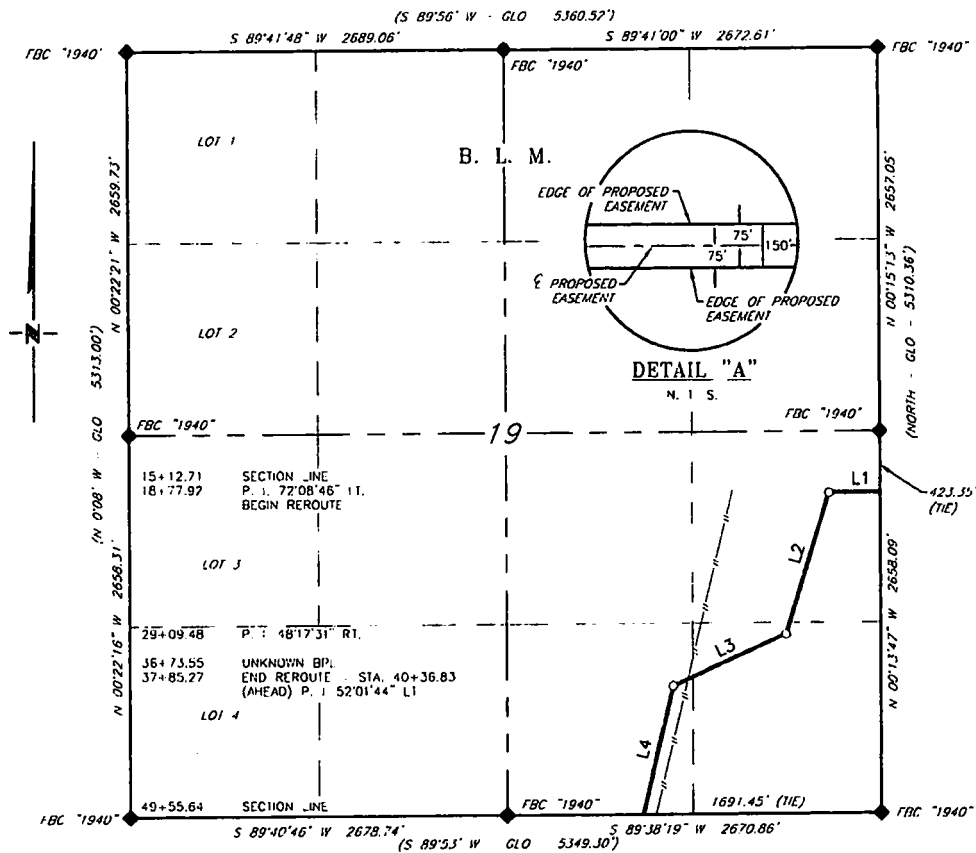
NO.	REVISION	DATE
JOB NO.:	LS1711773	
DWG. NO.:	1-1711773	

RRC

308 W. BROADWAY ST., HOBBS, NM 88240 (505) 964-8200

SCALE: 1" = 2000'
DATE: 12/8/2017
SURVEYED BY: JM/JC
DRAWN BY: CMJ
APPROVED BY: RMH
SHEET: 1 OF 2

XTO ENERGY, INC.
PROPOSED BURIED PIPELINE FROM THE POKER LAKE ROW 5
COMPRESSOR STATION #2
TO THE BRUSHY DRAW PIPELINE RE-ROUTE
SECTION 19, T25S, R30E,
N. M. P. M., EDDY CO., NEW MEXICO



LINE TABLE		
LINE	BEARING	LENGTH
L1	S 89°22'56" W	365.21'
L2	S 17°14'10" W	1,031.56'
L3	S 65°31'41" W	875.79'
L4	S 13°29'57" W	918.81'

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 PIPELINE

I, R. M. Howett, 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.

Robert M. Howett
 Robert M. Howett NM PS 19680



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NO.	REVISION	DATE
JOB NO.:	LS1711773	
DWG. NO.:	1-1711773	

RRC

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

SCALE: 1" = 2000'
DATE: 12/8/2017
SURVEYED BY: JM/JC
DRAWN BY: CMJ
APPROVED BY: RMH
SHEET: 1 OF 2

XTO ENERGY, INC.
PROPOSED BURIED PIPELINE FROM THE POKER LAKE ROW 5
COMPRESSOR STATION #2
TO THE BRUSHY DRAW PIPELINE RE-ROUTE
SECTION 19, T25S, R30E,
N. M. P. M., EDDY CO., NEW MEXICO

DESCRIPTION

A strip of land 150 feet wide (and a 30 foot wide temporary easement), being 3,191.37 feet or 193.416 rods in length, lying in Section 19, Township 25 South, Range 30 East, N. M. P. M., Eddy County, New Mexico, being 75 feet left and 75 feet right of the following described survey of a centerline across B. L. M. land:

BEGINNING at Engr. Sta. 15+12.71, a point on the East line of Section 19, which bears, S 00°13'47" E, 423.35 feet from a brass cap, stamped "1940", found for the East quarter corner of Section 19;

Thence S 89°22'56" W, 365.21 feet, to Engr. Sta. 18+77.92, a P. I. of 72°08'46" left;

Thence S 17°14'10" W, 1,031.56 feet, to Engr. Sta. 29+09.48, a P. I. of 48°17'31" right;

Thence S 65°31'41" W, 875.79 feet, to Engr. Sta. 37+85.27 (back), = Sta. 40+36.83 (ahead), a P. I. of 52°01'44" right;

Thence S 13°29'57" W, 918.81 feet, to Engr. Sta. 49+55.64, a point on the South line of Section 19, which bears, S 89°38'19" W, 1,691.45 feet from a brass cap, stamped "1940", found for the Southeast corner of Section 19.

Said strip of land contains 10.990 acres, more or less, and is allocated by forties as follows:

NE 1/4 SE 1/4	79.607 Rods	4.523 Acres
SE 1/4 SE 1/4	48.971 Rods	2.783 Acres
SW 1/4 SE 1/4	64.838 Rods	3.684 Acres

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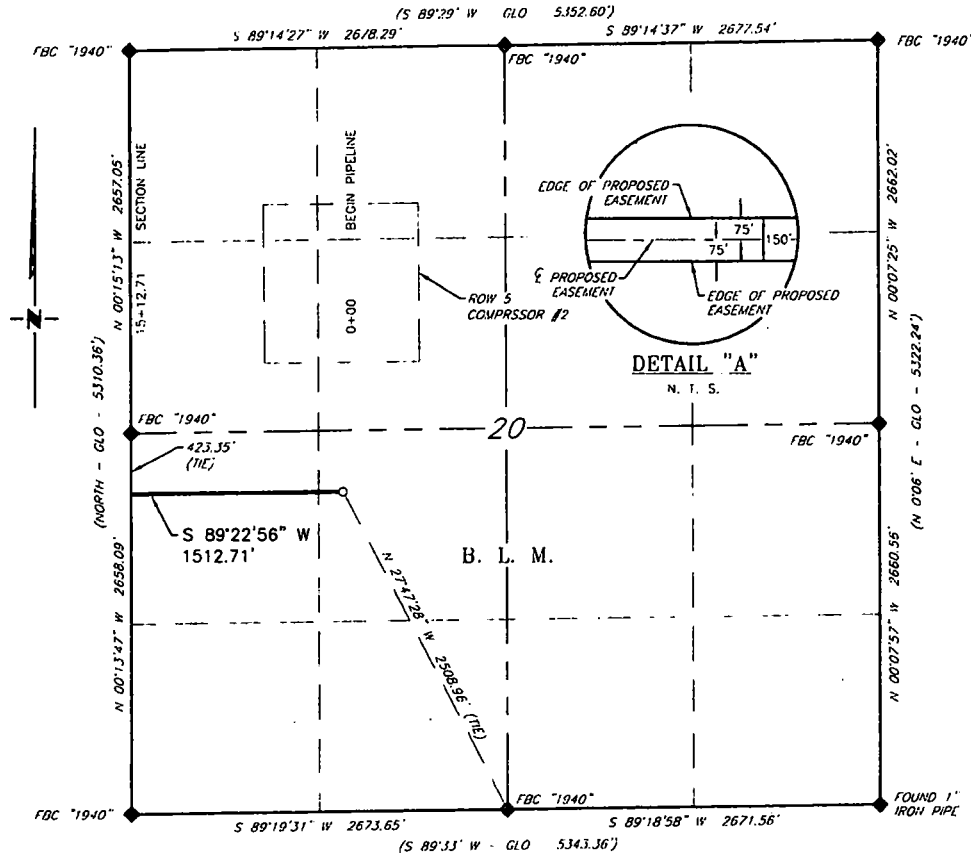
NO.	REVISION	DATE
JOB NO.: LS1711773		
DWG. NO.: 2-1711773		

RRC

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

SCALE: 1" = 2000'
DATE: 12/8/2017
SURVEYED BY: JM/JC
DRAWN BY: CMJ
APPROVED BY: RMH
SHEET: 2 OF 2

XTO ENERGY, INC.
PROPOSED BURIED PIPELINE FROM THE POKER LAKE ROW 5
COMPRESSOR STATION #2
TO THE BRUSHY DRAW PIPELINE
SECTION 20, T25S, R30E,
N. M. P. M., EDDY CO., NEW MEXICO



DESCRIPTION

A strip of land 150 feet wide (and a 30 foot wide temporary easement), being 1,512.71 feet or 91.679 rods in length, lying in Section 20, Township 25 South, Range 30 East, N. M. P. M., Eddy County, New Mexico, being 75 feet left and 75 feet right of the following described survey of a centerline across B. L. M. land:

BEGINNING at Engr. Sta. 0+00, a point in the Southwest quarter of Section 20, which bears, N 27°47'28" W, 2,508.96 feet from a brass cap, stamped "1940", found for the South quarter corner of Section 20;

Thence S 89°22'56" W, 1,512.71 feet, to Engr. Sta. 15+12.71, a point on the West line of Section 20, which bears, S 00°13'47" E, 423.35 feet from a brass cap, stamped "1940", found for the West quarter corner of Section 20.

Said strip of land contains 5.209 acres, more or less, and is allocated by forties as follows:

NE 1/4 SW 1/4	10.615 Rods	0.603 Acres
NW 1/4 SW 1/4	81.064 Rods	4.606 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 PIPELINE

I, R. M. Howett, 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.

Robert M. Howett NM PS 19680



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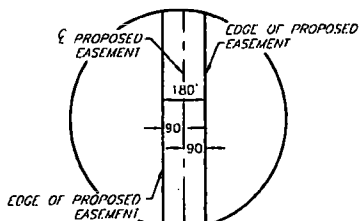
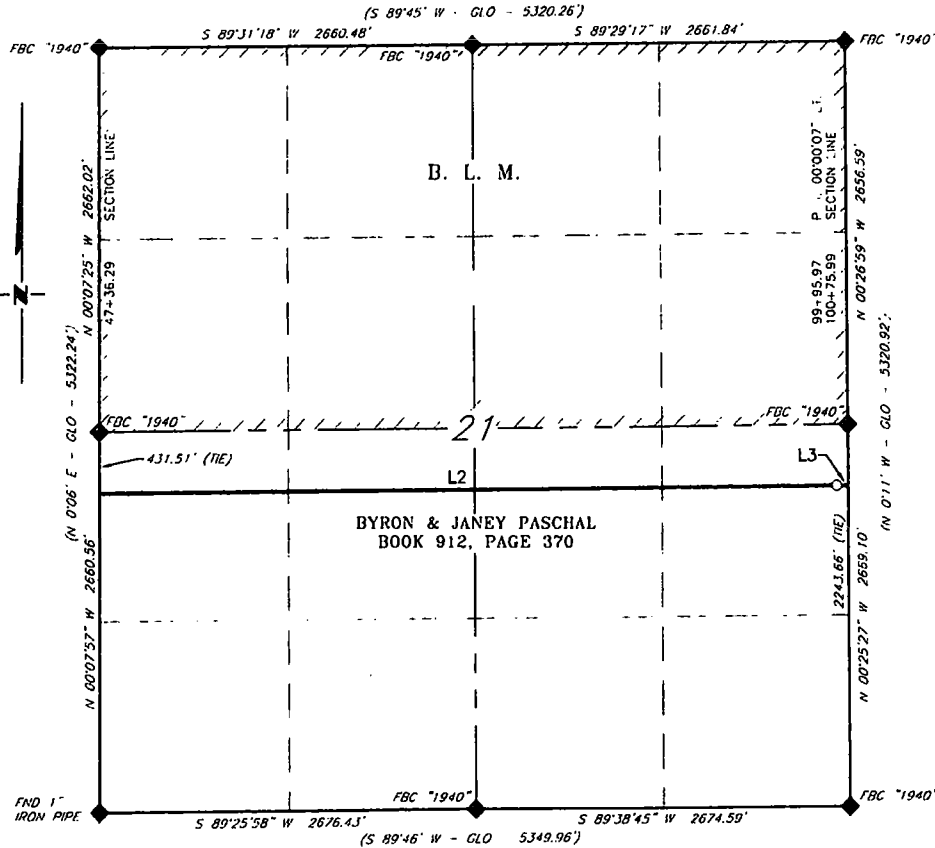
NO.	REVISION	DATE
JOB NO.:	LS1707428	
DWG. NO.:	2-1707428	

RRC

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

SCALE: 1" = 2000'
DATE: 7-17-2017
SURVEYED BY: JM/EF
DRAWN BY: CMJ
APPROVED BY: RMH
SHEET: 2 OF 5

XTO ENERGY INC.
PROPOSED POKER LAKE ROW 5 PIPELINE RE-ROUTE
SECTION 21, T25S, R30E,
N. M. P. M., EDDY CO., NEW MEXICO



DETAIL "A"
 N. T. S.

LINE TABLE		
LINE	BEARING	LENGTH
L2	N 89°22'55" E	5,259.68'
L3	N 89°23'02" E	80.02'

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 PIPELINE

I, R. M. Howett, 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.

Robert M. Howett
 Robert M. Howett NM PS 19680



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NO.	REVISION	DATE

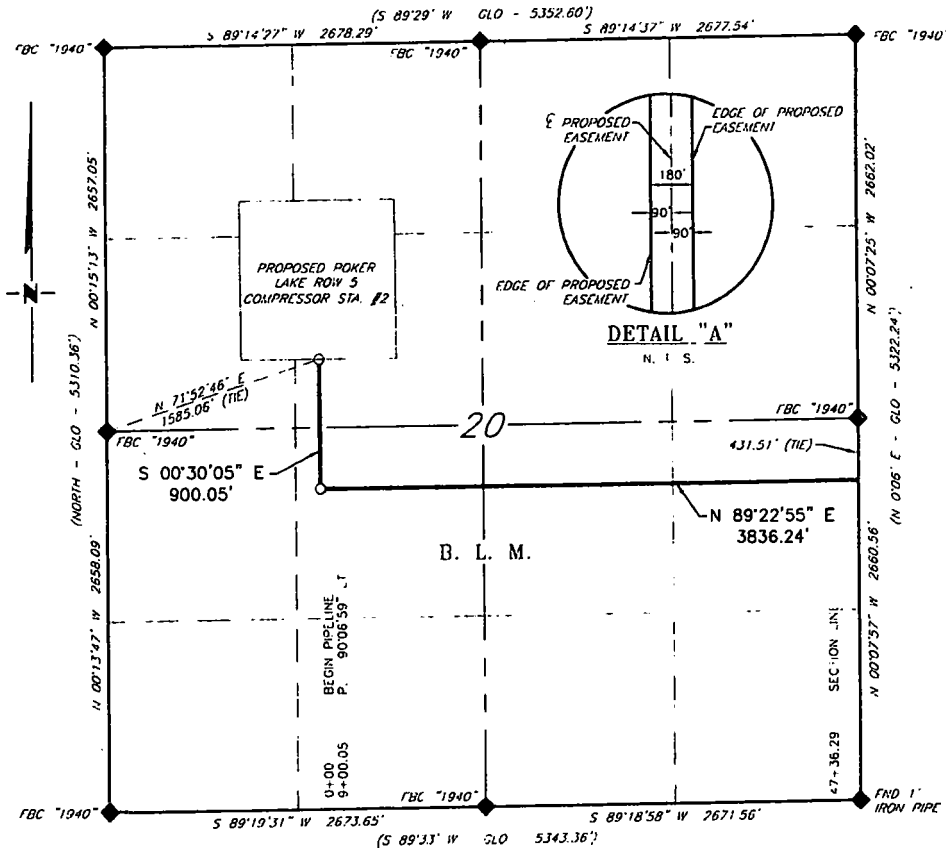
JOB NO.: LS1802197R
 DWG. NO.: 1-1802197R

RRC

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

SCALE: 1" = 1000'
DATE: 4-27-2018
SURVEYED BY: JM/JC
DRAWN BY: CMJ
APPROVED BY: RMH
SHEET: 1 OF 2

XTO ENERGY, INC.
PROPOSED POKER LAKE ROW 5 PIPELINE
SECTION 20, T25S, R30E,
N. M. P. M., EDDY CO., NEW MEXICO



A strip of land 180 feet wide, being 4,736.29 feet or 287.048 rods in length, lying in Section 20, Township 25 South, Range 30 East, N. M. P. M., Eddy County, New Mexico, being 90 feet left and 90 feet right of the following described survey of a centerline across B. L. M. land:

BEGINNING at Engr. Sta. 0+00, a point in the Northwest quarter of Section 20, which bears, N 71°52'46" E, 1,585.06 feet from a brass cap, stamped "1940", found for the West quarter corner of Section 20;

Thence S 00°30'05" E, 900.05 feet, to Engr. Sta. 9+00.05, a P. I. of 90°07'00" left;

Thence N 89°22'55" E, 3,836.24 feet, to Engr. Sta. 47+36.29, a point on the East line of Section 20, which bears, S 00°07'57" E, 431.51 feet from a brass cap, stamped "1940", found for the East quarter corner of Section 20.

Said strip of land contains 19.571 acres, more or less, and is allocated by forties as follows:

SE/4 NW/4	28.751 Rods	1.961 Acres
NE/4 SW/4	96.245 Rods	6.562 Acres
NW/4 SE/4	81.026 Rods	5.524 Acres
NE/4 SE/4	81.026 Rods	5.524 Acres

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

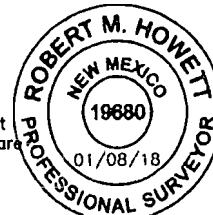
BEARINGS ARE GRID NAD 83
NM EAST
DISTANCES ARE HORIZ. GROUND.

LEGEND

- () RECORD DATA GLO
- ◆ FOUND MONUMENT AS NOTED
- PROPOSED PIPELINE

I, R. M. Howett, 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.

Robert M. Howett
Robert M. Howett NM PS 19680



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NO.	REVISION	DATE
JOB NO.:	LS1706367A	
DWG. NO.:	1706367A-2	

RRC

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

SCALE: 1" = 1000'
DATE: 7/5/17
SURVEYED BY: JM/EF
DRAWN BY: LA
APPROVED BY: RMH
SHEET: 2 OF 14

XTO ENERGY INC.
PROPOSED POKER LAKE ROW 5 PIPELINE RE-ROUTE
SECTION 21, T25S, R30E,
N. M. P. M., EDDY CO., NEW MEXICO

DESCRIPTION

A strip of land 180 feet wide, being 5,339.70 feet or 323.618 rods in length, lying in Section 21, Township 25 South, Range 30 East, N. M. P. M., Eddy County, New Mexico, being 90 feet left and 90 feet right of the following described survey of a centerline across the lands of Byron & Janey Paschal, according to a deed filed for record in Book 912, Page 370, of Deed Records of Eddy County, New Mexico:

BEGINNING at Engr. Sta. 47+36.29, a point on the West line of Section 21, which bears, S 00°07'57" E, 431.51 feet from a brass cap, stamped "1940", found for the West quarter corner of Section 21;

Thence N 89°22'55" E, 5,259.68 feet, to Engr. Sta. 99+95.97, a P. I. of 00°00'07" left;

Thence N 89°23'02" E, 80.02 feet, to Engr. Sta. 100+75.99, a point on the East line of Section 21, which bears, N 00°25'27" W, 2,243.66 feet from a brass cap, stamped "1940", found for the Southeast corner of Section 21.

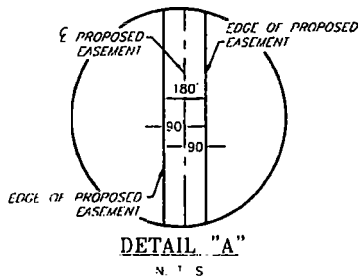
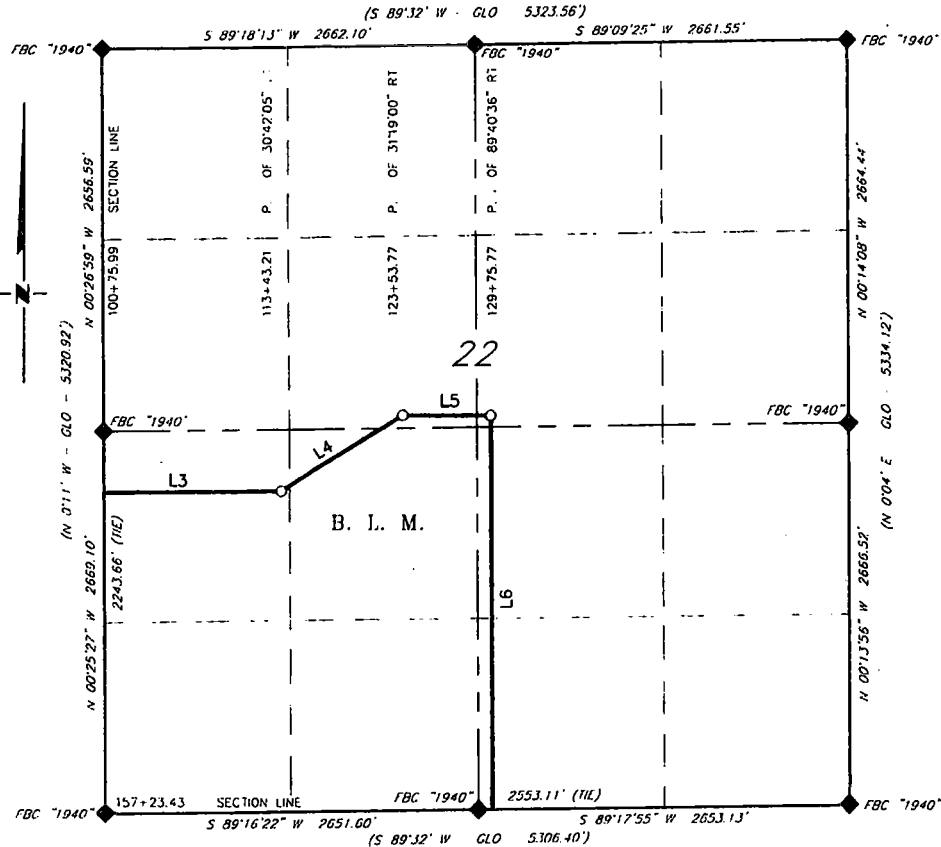
Said strip of land contains 22.065 acres, more or less, and is allocated by forties as follows:

NW/4 SW/4	80.907 Rods	5.517 Acres
NE/4 SW/4	80.907 Rods	5.516 Acres
NW/4 SE/4	80.902 Rods	5.516 Acres
NE/4 SE/4	80.902 Rods	5.516 Acres

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				SCALE: 1" = 1000'
				DATE: 12/1/2017
				SURVEYED BY: JM/JC
				DRAWN BY: CMJ
NO.	REVISION	DATE		APPROVED BY: RMH
JOB NO.: LS1802197R				SHEET: 2 OF 2
DWG. NO.: 2-1802197R			308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200	

XTO ENERGY INC.
PROPOSED POKER LAKE ROW 5 PIPELINE RE-ROUTE
SECTION 22, T25S, R30E,
N. M. P. M., EDDY CO., NEW MEXICO



LINE TABLE		
LINE	BEARING	LENGTH
L3	N 89°23'02" E	1,267.22'
L4	N 58°40'57" E	1,010.56'
L5	N 89°59'57" E	622.00'
L6	S 00°19'27" E	2,747.66'

SCALE: 1" = 1000'
0 500' 1000'
BEARINGS ARE GRID NAD 83
NM EAST
DISTANCES ARE HORIZ. GROUND.

LEGEND
() RECORD DATA GLO
◆ FOUND MONUMENT 45 NO. 10
— PROPOSED PIPELINE

I, R. M. Howett, 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.

Robert M. Howett
Robert M. Howett NM PS 19680



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NO.	REVISION	DATE
JOB NO.:	LS1802197R	
DWG. NO.:	1-1802197R	

RRC

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

SCALE: 1" = 1000'
DATE: 4-27-2018
SURVEYED BY: JM/JC
DRAWN BY: CMJ
APPROVED BY: RMH
SHEET: 1 OF 2

XTO ENERGY INC.
PROPOSED POKER LAKE ROW 5 PIPELINE RE-ROUTE
SECTION 22, T25S, R30E,
N. M. P. M., EDDY CO., NEW MEXICO

DESCRIPTION

A strip of land 180 feet wide, being 5,647.44 feet or 342.269 rods in length, lying in Section 22, Township 25 South, Range 30 East, N. M. P. M., Eddy County, New Mexico, being 90 feet left and 90 feet right of the following described survey of a centerline across B. L. M. lands:

BEGINNING at Engr. Sta. 100+75.99, a point on the West line of Section 22, N 00°25'27" W, 2,243.66 feet from a brass cap, stamped "1940", found for the Southwest corner of Section 22;

Thence N 89°23'02" E, 1,267.22 feet, to Engr. Sta. 113+43.21, a P. I. of 30°42'05" left;

Thence N 58°40'57" E, 1,010.56 feet, to Engr. Sta. 123+53.77, a P. I. of 31°19'00" right;

Thence N 89°59'57" E, 622.00 feet, to Engr. Sta. 129+75.77, a P. I. of 89°40'36" right;

Thence S 00°19'27" E, 2,747.66 feet, to Engr. Sta. 157+23.43, a point on the South line of Section 22, which bears, S 89°17'55" W, 2,553.11 feet from a brass cap, stamped "1940", found for the Southeast corner of Section 22.

Said strip of land contains 23.337 acres, more or less, and is allocated by forties as follows:

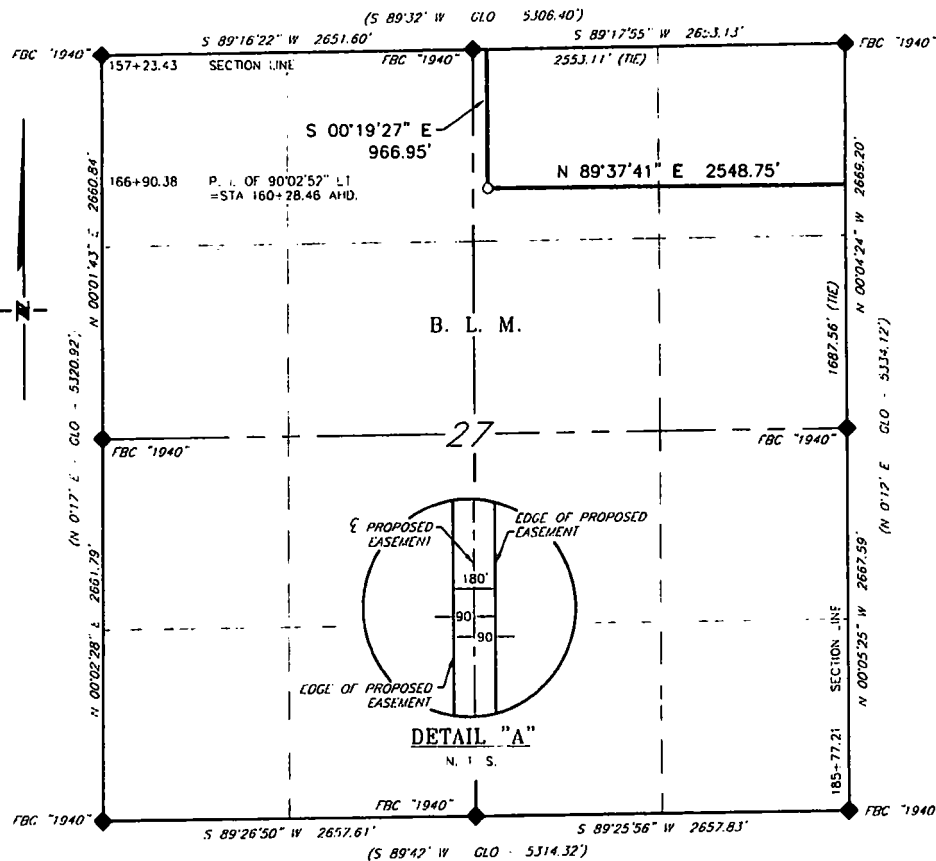
NW/4 SW/4	81.078 Rods	5.528 Acres
NE/4 SW/4	46.511 Rods	3.171 Acres
SE/4 NW/4	42.093 Rods	2.870 Acres
SW/4 NE/4	10.939 Rods	0.746 Acres
NW/4 SE/4	80.824 Rods	5.511 Acres
SW/4 SE/4	80.824 Rods	5.511 Acres

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<div style="text-align: center;">  <p>RRC</p> </div>			SCALE: 1" = 1000'
			DATE: 4-27-2018
			SURVEYED BY: JM/JC
			DRAWN BY: CMJ
NO.	REVISION	DATE	APPROVED BY: RMH
JOB NO.: LS1802197R			SHEET: 2 OF 2
DWG. NO.: 2-1802197R			

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

XTO ENERGY INC.
PROPOSED POKER LAKE ROW 5 PIPELINE
SECTION 27, T25S, R30E,
N. M. P. M., EDDY CO., NEW MEXICO



DESCRIPTION

A strip of land 180 feet wide, being 3,515.70 feet or 213.073 rods in length, lying in Section 27, Township 25 South, Range 30 East, N. M. P. M., Eddy County, New Mexico, being 90 feet left and 90 feet right of the following described survey of a centerline across B. L. M. land:

BEGINNING at Engr. Sta. 157+23.43, a point on the North line of Section 27, which bears, S 89°17'55" W, 2,553.11 feet from a brass cap, stamped "1940", found for the Northeast corner of Section 27;

Thence S 00°19'27" E, 966.95 feet, to Engr. Sta. 166+90.38 (back), = Sta. 160+28.46 (ahead), a P. I. of 90°02'52" left;

Thence N 89°37'41" E, 2,548.75 feet, to Engr. Sta. 185+77.21, a point on the East line of Section 27, which bears, N 00°04'24" W, 1,687.56 feet from a brass cap, stamped "1940", found for the East quarter corner of Section 27.

Said strip of land contains 14.528 acres, more or less, and is allocated by forties as follows:

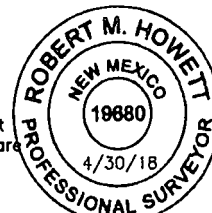
SCALE: 1" = 1000'	NW/4 NE/4	132.657 Rods	9.045 Acres
0 500' 1000'	NE/4 NE/4	80.416 Rods	5.483 Acres

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

LEGEND
 () RECORD DATA GLO
 * FOUND MONUMENT AS NOTED
 — PROPOSED PIPELINE

I, R. M. Howett, 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.

Robert M. Howett
 Robert M. Howett NM PS 19680



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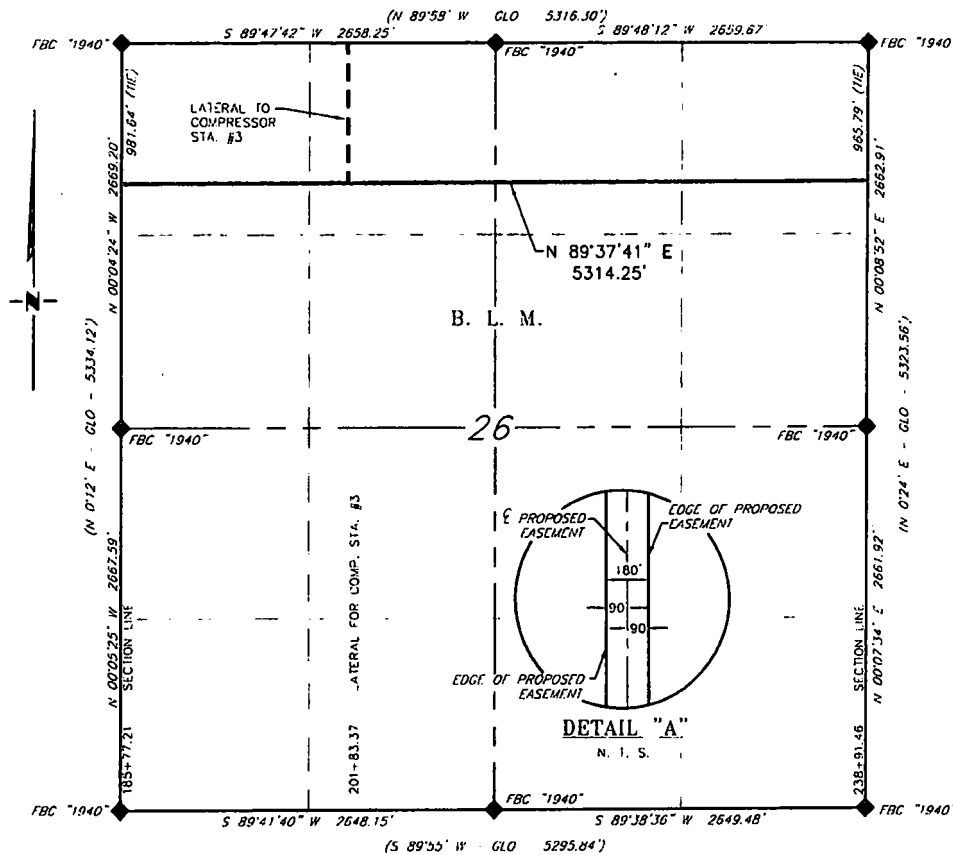
NO.	REVISION	DATE
JOB NO.:	LS1802197R	
DWG. NO.:	5-1802197R	

RRC

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

SCALE: 1" = 1000'
DATE: 4-27-2018
SURVEYED BY: JM/JC
DRAWN BY: CMJ
APPROVED BY: RMH
SHEET: 1 OF 1

XTO ENERGY, INC.
PROPOSED POKER LAKE ROW 5 PIPELINE
SECTION 26, T25S, R30E,
N. M. P. M., EDDY CO., NEW MEXICO



DESCRIPTION

A strip of land 180 feet wide, being 5,314.25 feet or 322.076 rods in length, lying in Section 26, Township 25 South, Range 30 East, N. M. P. M., Eddy County, New Mexico, being 90 feet left and 90 feet right of the following described survey of a centerline across B. L. M. land:

BEGINNING at Engr. Sta. 185+77.21, a point on the West line of Section 26, which bears, S 00°04'24" E, 981.64 feet from a brass cap, stamped "1940", found for the Northwest corner of Section 26;

Thence N 89°37'41" E, 5,314.25 feet, to Engr. Sta. 238+91.46, a point on the East line of Section 26, which bears, S 00°08'52" W, 965.79 feet from a brass cap, stamped "1940", found for the Northeast corner of Section 26.

Said strip of land contains 21.960 acres, more or less, and is allocated by forties as follows:

NW/4 NW/4	80.502 Rods	5.489 Acres
NE/4 NW/4	80.502 Rods	5.489 Acres
NW/4 NE/4	80.536 Rods	5.491 Acres
NE/4 NE/4	80.536 Rods	5.491 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 PIPELINE

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Robert M. Howett
Robert M. Howett NM PS 19680



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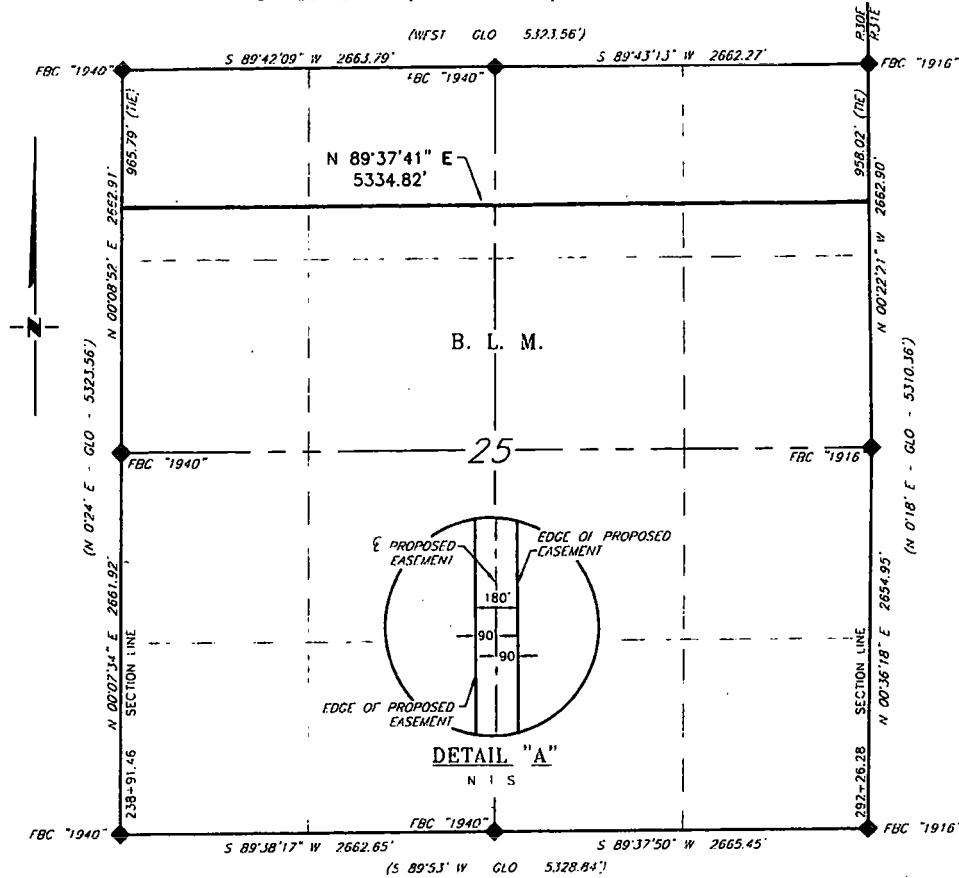
NO.	REVISION	DATE
JOB NO.:	LS1706367A	
DWG. NO.:	1706367A-6	

RRC

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

SCALE: 1" = 1000'
DATE: 7/5/17
SURVEYED BY: JM/EF
DRAWN BY: LA
APPROVED BY: RMH
SHEET: 6 OF 14

XTO ENERGY, INC.
PROPOSED POKER LAKE ROW 5 PIPELINE
SECTION 25, T25S, R30E,
N. M. P. M., EDDY CO., NEW MEXICO



DESCRIPTION

A strip of land 180 feet wide, being 5,334.82 feet or 323.322 rods in length, lying in Section 25, Township 25 South, Range 30 East, N. M. P. M., Eddy County, New Mexico, being 90 feet left and 90 feet right of the following described survey of a centerline across B. L. M. land:

BEGINNING at Engr. Sta. 238+91.46, a point on the West line of Section 25, which bears, S 00°08'52" W, 965.79 feet from a brass cap, stamped "1940", found for the Northwest corner of Section 25;

Thence N 89°37'41" E, 5,334.82 feet, to Engr. Sta. 292+26.28, a point on the East line of Section 25, which bears, S 00°22'21" E, 958.02 feet from a brass cap, stamped "1940", found for the Northeast corner of Section 25.

Said strip of land contains 22.044 acres, more or less, and is allocated by forties as follows:

NW/4 NW/4	80.721 Rods	5.504 Acres
NE/4 NW/4	80.721 Rods	5.504 Acres
NW/4 NE/4	80.940 Rods	5.518 Acres
NE/4 NE/4	80.940 Rods	5.518 Acres

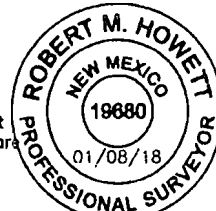
SCALE: 1" = 1000'
0 500' 1000'

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

LEGEND
() RECORD DATA GLO
◆ FOUND MONUMENT
AS NOTED
— PROPOSED PIPELINE

I, R. M. Howett, 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.

Robert M. Howett
Robert M. Howett NM PS 19680



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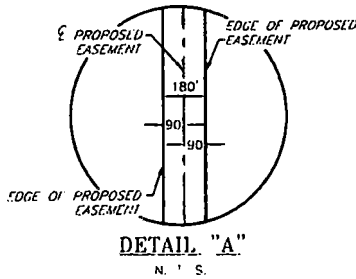
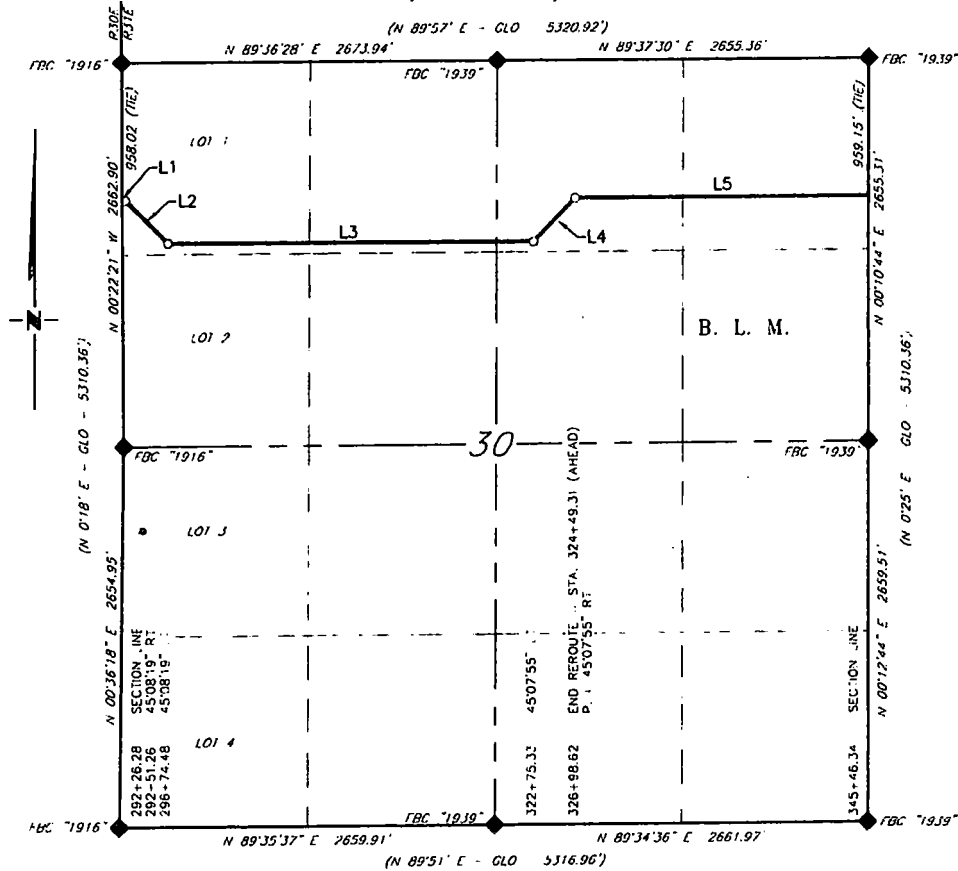
NO.	REVISION	DATE
JOB NO.:	LS1706367A	
DWG. NO.:	1706367A-7	

RRC

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

SCALE: 1" = 1000'
DATE: 7/5/17
SURVEYED BY: JM/EF
DRAWN BY: LA
APPROVED BY: RMH
SHEET: 7 OF 14

XTO ENERGY, INC.
PROPOSED POKER LAKE ROW 5 PIPELINE RE-ROUTE OPTION B
SECTION 30, T25S, R31E,
N. M. P. M., EDDY CO., NEW MEXICO



LINE TABLE		
LINE	BEARING	LENGTH
1.1	N 89°37'41" E	24.98'
1.2	S 45°14'00" E	423.22'
1.3	N 89°37'41" E	2,600.85'
1.4	N 44°29'46" E	423.29'
1.5	N 89°37'41" E	2,097.03'

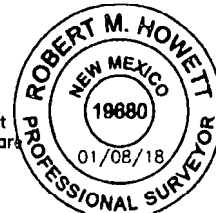
SCALE: 1" = 1000'
0 500' 1000'

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

LEGEND
() RECORD DATA GLO
◆ FOUND MONUMENT AS NOTED
— PROPOSED PIPELINE

I, R. M. Howett, 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.

Robert M. Howett
Robert M. Howett NM PS 19680



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NO.	REVISION	DATE
1	LS1711773A	
2	1-1711773A	

RRC

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

SCALE: 1" = 1000'
DATE: 12/8/2017
SURVEYED BY: JM/JC
DRAWN BY: CMJ
APPROVED BY: RMH
SHEET: 1 OF 2

XTO ENERGY, INC.
PROPOSED POKER LAKE ROW 5 PIPELINE RE-ROUTE OPTION B
SECTION 30, T25S, R31E,
N. M. P. M., EDDY CO., NEW MEXICO

DESCRIPTION

A strip of land 180 feet wide, being 5,569.37 feet or 337.538 rods in length, lying in Section 30, Township 25 South, Range 31 East, N. M. P. M., Eddy County, New Mexico, being 90 feet left and 90 feet right of the following described survey of a centerline across B. L. M. land:

BEGINNING at Engr. Sta. 292+26.28, a point on the West line of Section 30, which bears, S 00°22'21" E, 958.02 feet from a brass cap, stamped "1940", found for the Northwest corner of Section 30;

Thence N 89°37'41" E, 24.98 feet, to Engr. Sta. 292+51.26, a P. I. of 45°08'19" right;

Thence S 45°14'00" E, 423.22 feet, to Engr. Sta. 296+74.48, a P. I. of 45°08'19" left;

Thence N 89°37'41" E, 2,600.85 feet, to Engr. Sta. 322+75.33, a P. I. of 45°07'55" left;

Thence N 44°29'46" E, 423.29 feet, to Engr. Sta. 326+98.62 (back), = Sta. 324+49.31 (ahead), a P. I. of 45°07'55" right;

Thence N 89°37'41" E, 2,097.03 feet, to Engr. Sta. 345+46.34, a point on the East line of Section 30, which bears, S 00°10'44" W, 959.15 feet from a brass cap, stamped "1940", found for the Northeast corner of Section 30.

Said strip of land contains 23.014 acres, more or less, and is allocated by forties as follows:

LOT1	88.212 Rods	6.014 Acres
NE 1/4 NW 1/4	80.548 Rods	5.492 Acres
NW 1/4 NE 1/4	88.268 Rods	6.018 Acres
NE 1/4 NE 1/4	80.510 Rods	5.490 Acres

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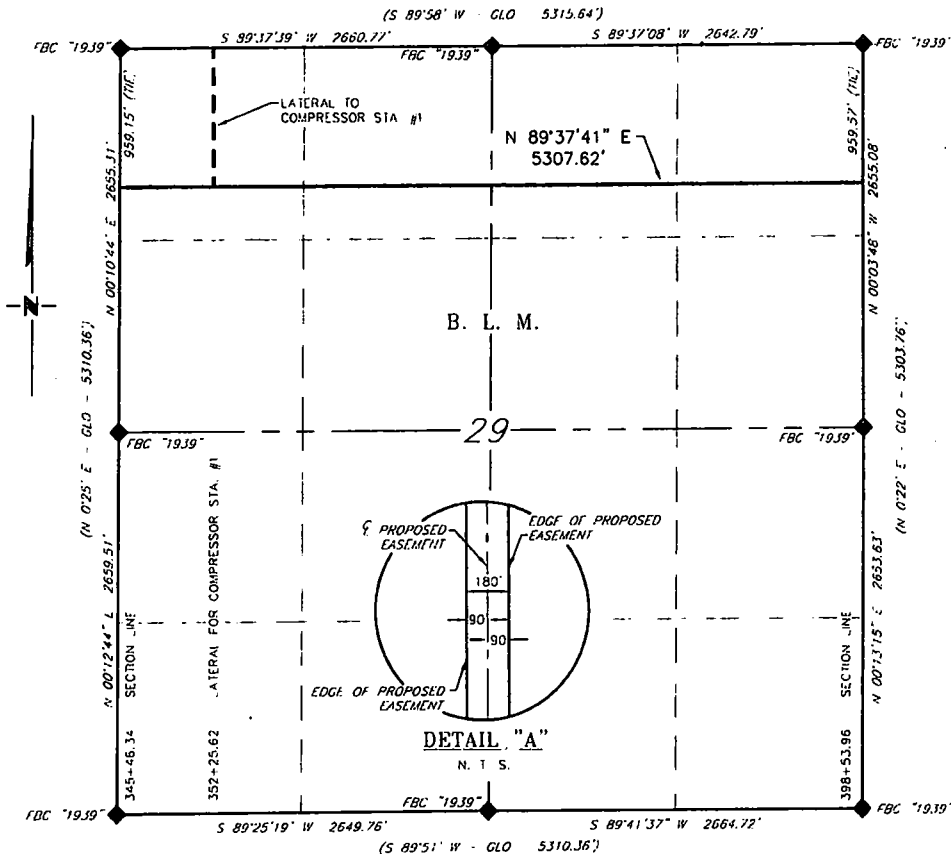
NO.	REVISION	DATE
JOB NO.:	LS1711773A	
DWG. NO.:	2-1711773A	

RRC

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

SCALE: 1" = 1000'
DATE: 12/8/2017
SURVEYED BY: JM/JC
DRAWN BY: CMJ
APPROVED BY: RMH
SHEET: 2 OF 2

XTO ENERGY, INC.
PROPOSED POKER LAKE ROW 5 PIPELINE
SECTION 29, T25S, R31E,
N. M. P. M., EDDY CO., NEW MEXICO



DESCRIPTION

A strip of land 180 feet wide, being 5,307.62 feet or 321.674 rods in length, lying in Section 29, Township 25 South, Range 31 East, N. M. P. M., Eddy County, New Mexico, being 90 feet left and 90 feet right of the following described survey of a centerline across B. L. M. land:

BEGINNING at Engr. Sta. 345+46.34, a point on the West line of Section 29, which bears, S 00°10'44" W, 959.15 feet from a brass cap, stamped "1940", found for the Northwest corner of Section 29;

Thence N 89°37'41" E, 5,307.62 feet, to Engr. Sta. 398+53.96, a point on the East line of Section 29, which bears, S 00°03'48" E, 959.57 feet from a brass cap, stamped "1940", found for the Northeast corner of Section 29.

Said strip of land contains 21.932 acres, more or less, and is allocated by forties as follows:

NW/4 NW/4	80.560 Rods	5.493 Acres
NE/4 NW/4	80.560 Rods	5.493 Acres
NW/4 NE/4	80.277 Rods	5.473 Acres
NE/4 NE/4	80.277 Rods	5.473 Acres

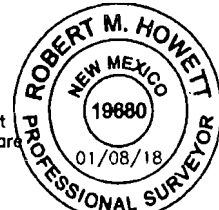
SCALE: 1" = 1000'
0 500' 1000'

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

LEGEND
() RECORD DATA GLO
◆ FOUND MONUMENT AS NOTED
— PROPOSED PIPELINE

I, R. M. Howett, 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.

Robert M. Howett
Robert M. Howett NM PS 19680



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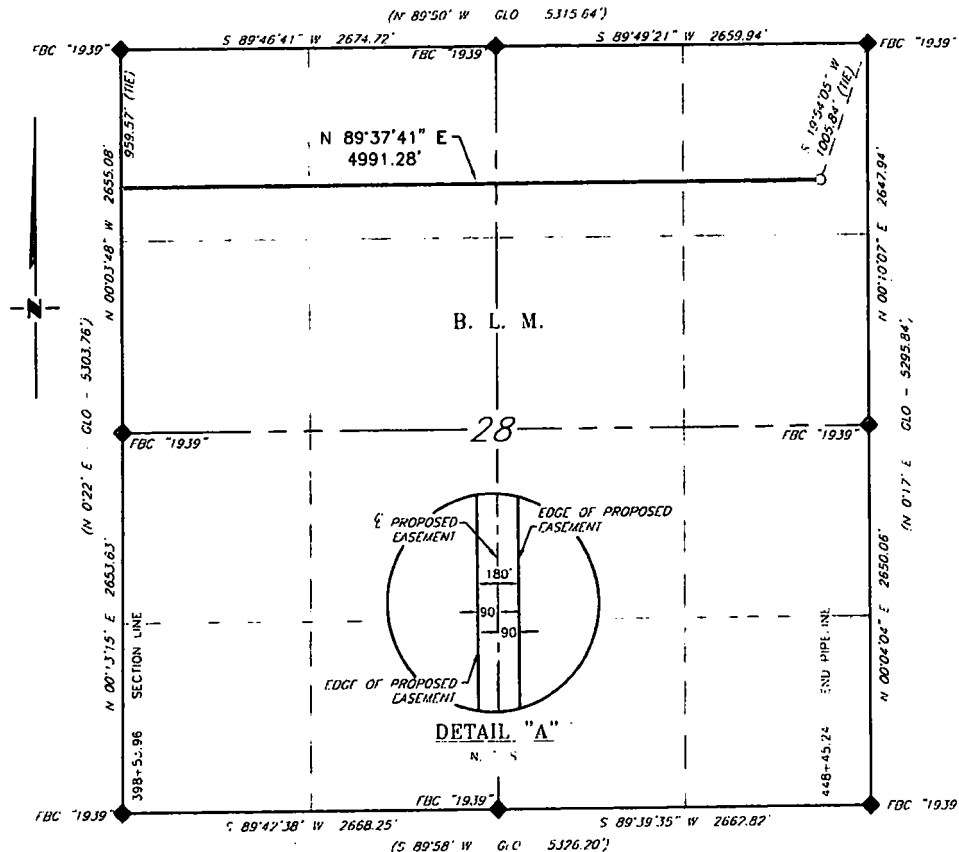
NO.	REVISION	DATE
JOB NO.:	LS1706367A	
DWG. NO.:	1706367A-9	

RRC

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

SCALE: 1" = 1000'
DATE: 7/5/17
SURVEYED BY: JM/EF
DRAWN BY: LA
APPROVED BY: RMH
SHEET: 9 OF 14

XTO ENERGY, INC.
PROPOSED POKER LAKE ROW 5 PIPELINE
SECTION 28, T25S, R31E,
N. M. P. M., EDDY CO., NEW MEXICO



DESCRIPTION

A strip of land 180 feet wide, being 4,991.28 feet or 302.502 rods in length, lying in Section 28, Township 25 South, Range 31 East, N. M. P. M., Eddy County, New Mexico, being 90 feet left and 90 feet right of the following described survey of a centerline across B. L. M. land:

BEGINNING at Engr. Sta. 398+53.96, a point on the West line of Section 28, which bears, S 00°03'48" E, 959.57 feet from a brass cap, stamped "1940", found for the Northwest corner of Section 28;

Thence N 89°37'41" E, 4,991.28 feet, to Engr. Sta. 448+45.24, the End of Survey, a point in the Northeast quarter of Section 28, which bears, S 19°54'05" W, 1,005.84 feet from a brass cap, stamped "1939", found for the Northeast corner of Section 28.

Said strip of land contains 20.625 acres, more or less, and is allocated by forties as follows:

NW/4 NW/4	80.946 Rods	5.519 Acres
NE/4 NW/4	80.946 Rods	5.519 Acres
NW/4 NE/4	80.596 Rods	5.495 Acres
NE/4 NE/4	60.014 Rods	4.092 Acres

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

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

LEGEND
() SECOND DATA GLO
◆ FOUND MONUMENT
AS NOTED
— PROPOSED PIPELINE

I, R. M. Howett, 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.

Robert M. Howett
Robert M. Howett NM PS 19680



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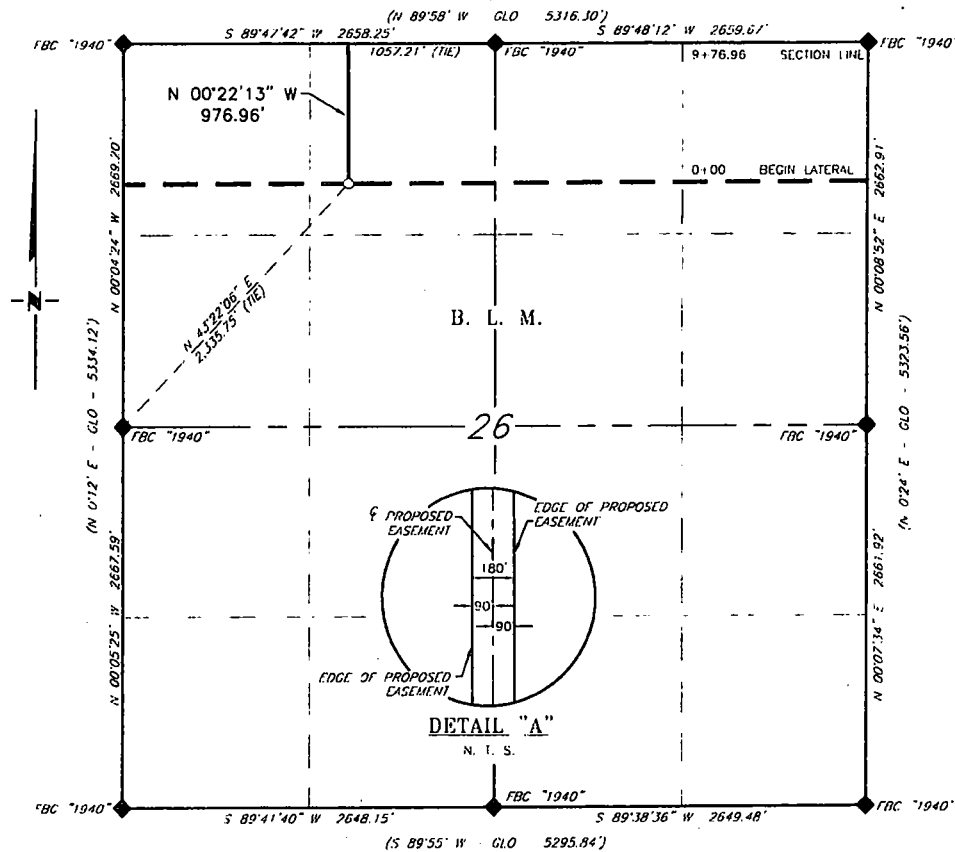
NO.	REVISION	DATE
JOB NO.:	LS1706367A	
DWG. NO.:	1706367A-10	

RRC

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

SCALE: 1" = 1000'
DATE: 7/5/17
SURVEYED BY: JM/EF
DRAWN BY: LA
APPROVED BY: RMH
SHEET: 10 OF 14

XTO ENERGY, INC.
LATERAL FOR THE POKER LAKE ROW 5 COMPRESSOR STATION #3
SECTION 26, T25S, R30E,
N. M. P. M., EDDY CO., NEW MEXICO



DESCRIPTION

A strip of land 180 feet wide, being 976.96 feet or 59.210 rods in length, lying in Section 26, Township 25 South, Range 30 East, N. M. P. M., Eddy County, New Mexico, being 90 feet left and 90 feet right of the following described survey of a centerline across B. L. M. land:

BEGINNING at Engr. Sta. 0+00, a point in the Northwest quarter of Section 26, which bears, N 43°22'06\" E, 2,335.75 feet from a brass cap, stamped "1940", found for the West quarter corner of Section 26;

Thence N 00°22'13\" W, 976.96 feet, to Engr. Sta. 9+76.96, a point on the North line of Section 26, which bears, S 89°47'42\" W, 1,057.21 feet from a brass cap, stamped "1940", found for the North quarter corner of Section 26.

Said strip of land contains 4.037 acres, more or less, and is allocated by forties as follows:

NE/4 NW/4 59.210 Rods 4.037 Acres

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

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

LEGEND
() RECORD DATA GLO
◆ FOUND MONUMENT AS NOTED
— PROPOSED PIPELINE

I, R. M. Howett, 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.

Robert M. Howett
Robert M. Howett NM PS 19680



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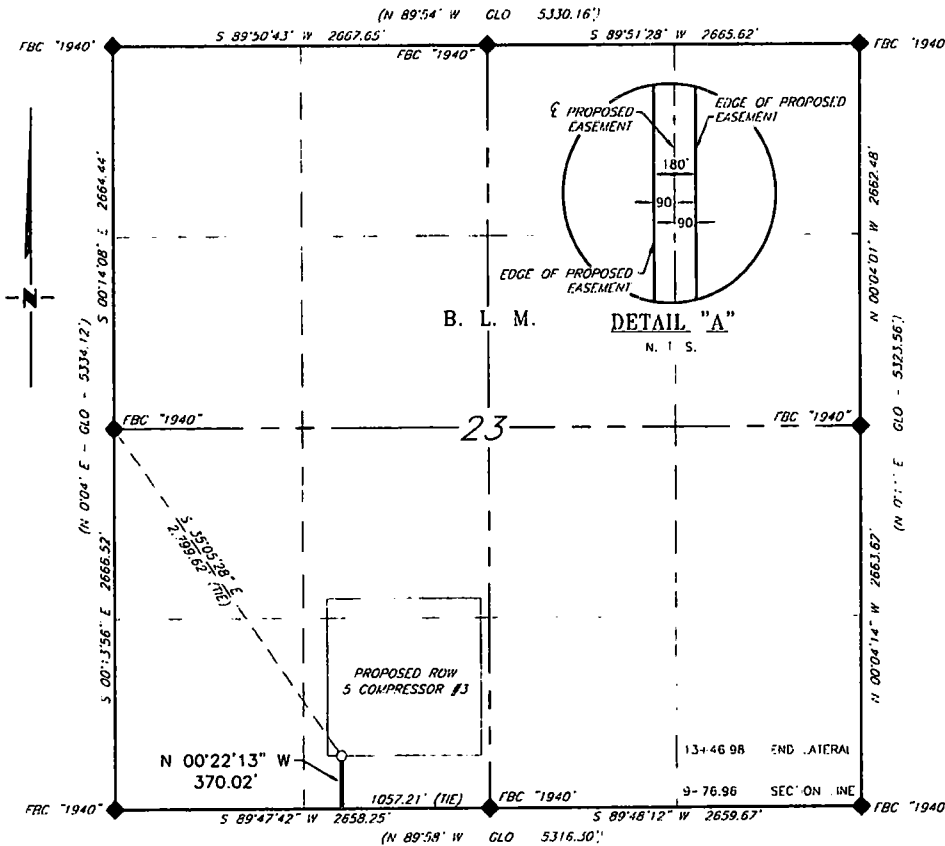
NO.	REVISION	DATE
JOB NO.:	LS1706367A	
DWG. NO.:	1706367A-1	

RRC

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

SCALE:	1" = 1000'
DATE:	7/5/17
SURVEYED BY:	JM/EF
DRAWN BY:	LA
APPROVED BY:	RMH
SHEET:	11 OF 14

XTO ENERGY, INC.
LATERAL FOR THE POKER LAKE ROW 5 COMPRESSOR STATION #3
SECTION 23, T25S, R30E,
N. M. P. M., EDDY CO., NEW MEXICO



DESCRIPTION

A strip of land 180 feet wide, being 370.02 feet or 22.425 rods in length, lying in Section 23, Township 25 South, Range 30 East, N. M. P. M., Eddy County, New Mexico, being 90 feet left and 90 feet right of the following described survey of a centerline across B. L. M. land:

BEGINNING at Engr. Sta. 9+76.96 a point on the South line of Section 23, which bears, S 89°47'42" W, 1,057.21 feet from a brass cap, stamped "1940", found for the South quarter of Section 23;

Thence N 00°22'13" W, 370.02 feet, to Engr. Sta. 13+46.98, the End of Survey, a point in the Southwest quarter of Section 23, which bears, S 35°05'28" E, 2,799.62 feet from a brass cap, stamped "1940", found for the West quarter corner of Section 23.

Said strip of land contains 1.529 acres, more or less, and is allocated by forties as follows:

SE/4 SW/4 22.425 Rods 1.529 Acres

SCALE: 1" = 1000'

0 500' 1000'

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

LEGEND

() RECORD DATA GLO

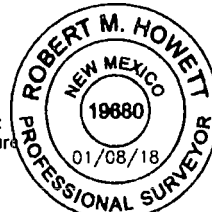
FOUND MONUMENT
 AS NOTED

PROPOSED PIPELINE

I, R. M. Howett, 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.

Robert M. Howett

Robert M. Howett NM PS 19680



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NO.	REVISION	DATE
JOB NO.:	LS1706367A	
DWG. NO.:	1706367A-12	

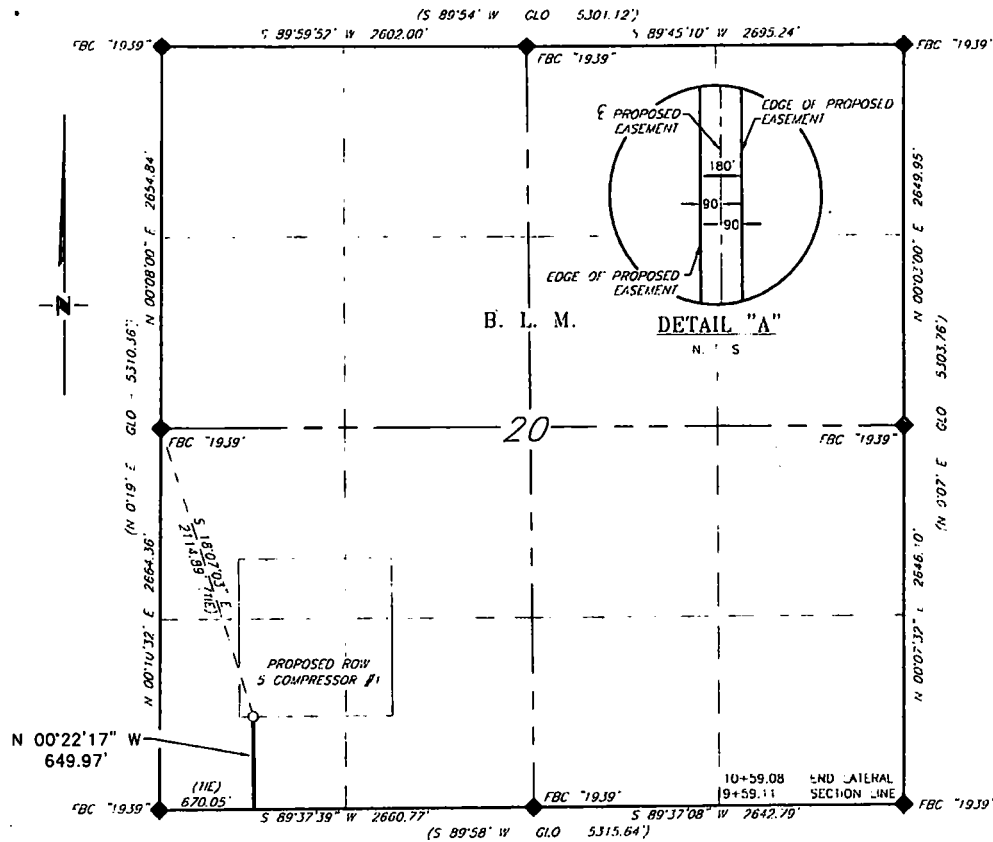
RRC

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

SCALE: 1" = 1000'
DATE: 7/5/17
SURVEYED BY: JM/EF
DRAWN BY: LA
APPROVED BY: RMH
SHEET: 12 OF 14

SCALE: 1" = 1000'
DATE: 7/5/17
SURVEYED BY: JM/EF
DRAWN BY: LA
APPROVED BY: RMH
SHEET: 13 OF 14

XTO ENERGY, INC.
LATERAL FOR THE POKER LAKE ROW 5 COMPRESSOR STATION #1
SECTION 20, T25S, R31E,
N. M. P. M., EDDY CO., NEW MEXICO



DESCRIPTION

A strip of land 180 feet wide, being 649.97 feet or 39.392 rods in length, lying in Section 20, Township 25 South, Range 31 East, N. M. P. M., Eddy County, New Mexico, being 90 feet left and 90 feet right of the following described survey of a centerline across B. L. M. land:

BEGINNING at Engr. Sta. 9+59.11 a point on the South line of Section 20, which bears, N 89°37'39" E, 670.06 feet from a brass cap, stamped "1940", found for the Southwest quarter corner of Section 20;

Thence N 00°22'17" W, 649.97 feet, to Engr. Sta. 16+09.08, the End of Survey, a point in the Southwest quarter of Section 20, which bears, S 18°07'03" E, 2,114.89 feet from a brass cap, stamped "1939", found for the West quarter corner of Section 20.

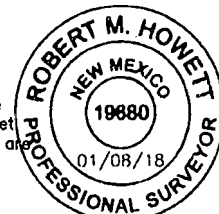
Said strip of land contains 2.686 acres, more or less, and is allocated by forties as follows:

SW/4 SW/4 39.392 Rods 2.686 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 PIPELINE

I, R. M. Howett, 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.

Robert M. Howett
 Robert M. Howett NM PS 19680



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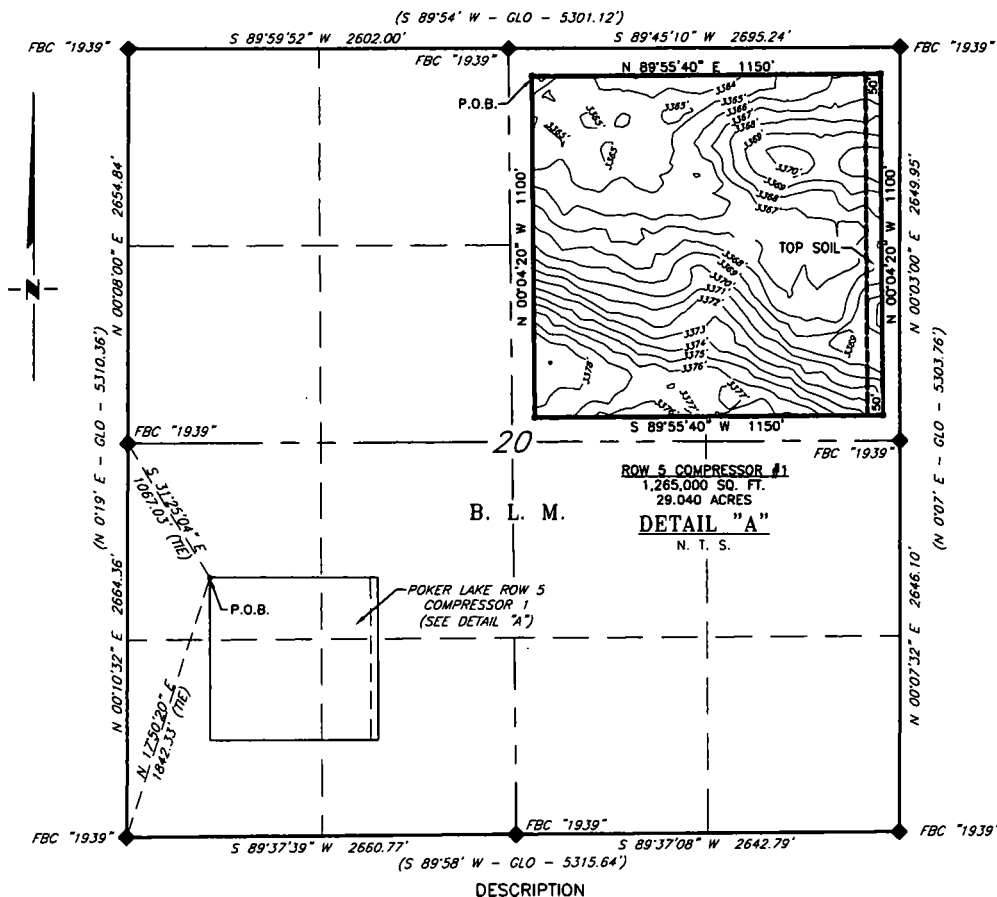
NO.	REVISION	DATE

RRC

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

SCALE: 1" = 1000'
DATE: 7/5/17
SURVEYED BY: JM/EF
DRAWN BY: LA
APPROVED BY: RMH
SHEET: 14 OF 14

XTO ENERGY, INC.
PROPOSED POKER LAKE ROW 5 COMPRESSOR 1
SECTION 20, T25S, R31E,
N. M. P. M., EDDY CO., NEW MEXICO



A tract of land situated within the Southwest quarter of Section 20, Township 25 South, Range 31 East, N. M. P. M., Eddy County, New Mexico, across B. L. M. land and and being more particularly described by metes and bounds as follows:

BEGINNING at a point, which bears N 17°50'20" E, 1,842.33 feet, from a brass cap, stamped "1939", found for the Southwest corner of Section 20 and being S 31°25'04" E, 1,067.03 feet, from a brass cap, stamped "1939", found for the West quarter corner of Section 20;

Thence N 89°55'40" E, 1,150.00 feet to a point;
 Thence S 00°04'20" E, 1,100.00 feet to a point;
 Thence S 89°55'40" W, 1,150.00 feet to a point;
 Thence N 00°04'20" W, 1,100.00 feet, to the Point Of Beginning.

Said tract of land contains 1,265,000 square feet or 29.040 acres, more or less and is allocated by forties as follows:

NW 1/4	SW 1/4	318,381 Sq. Ft.	7.309 Acres
NE 1/4	SW 1/4	160,967 Sq. Ft.	3.695 Acres
SW 1/4	SW 1/4	520,947 Sq. Ft.	11.959 Acres
SE 1/4	SW 1/4	264,705 Sq. Ft.	6.077 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
 P.O.B. POINT OF BEGINNING

I, R. M. Howett, 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.

Robert M. Howett
 Robert M. Howett NM PS 19680



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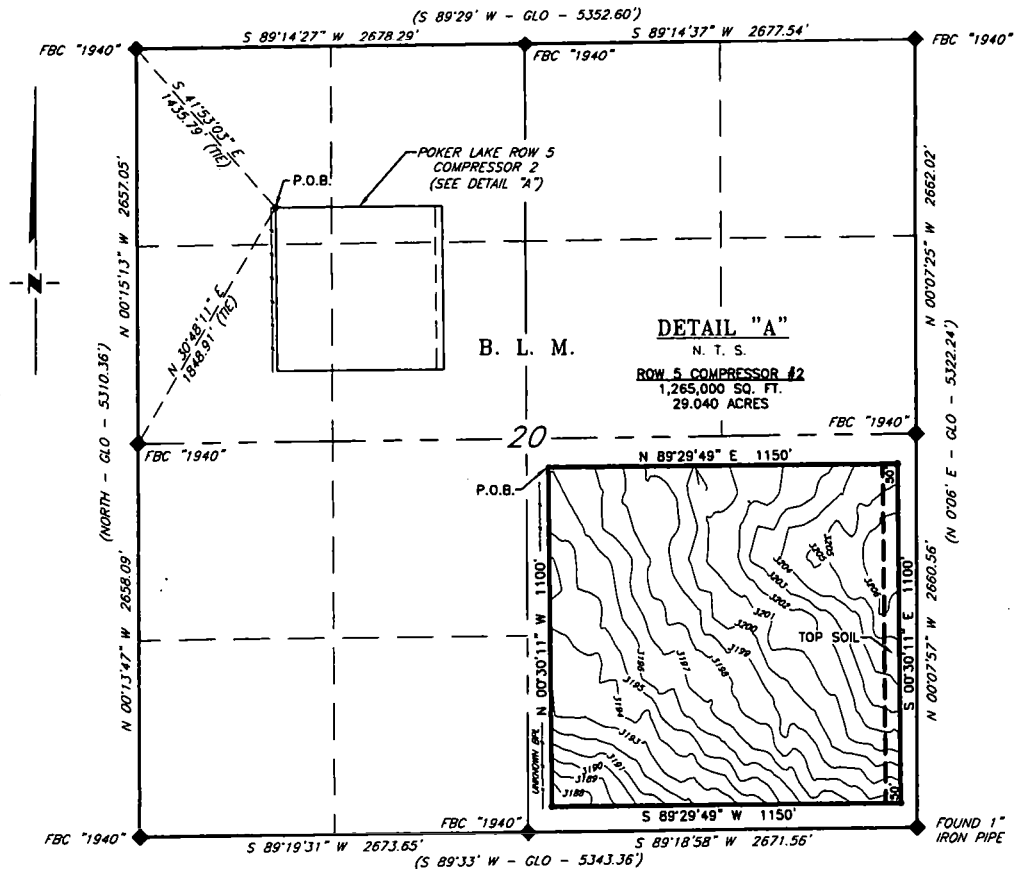
NO.	REVISION	DATE
JOB NO.:	LS1708488	
DWG. NO.:	1708488-1	

RRC

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

SCALE: 1" = 1000'
DATE: 8/11/2017
SURVEYED BY: JM/AS
DRAWN BY: LPS
APPROVED BY: RMH
SHEET: 1 OF 1

XTO ENERGY, INC.
PROPOSED POKER LAKE ROW 5 COMPRESSOR 2
SECTION 20, T25S, R30E,
N. M. P. M., EDDY CO., NEW MEXICO



DESCRIPTION

A tract of land situated within the Northwest quarter of Section 20, Township 25 South, Range 30 East, N. M. P. M., Eddy County, New Mexico, across B. L. M. land and and being more particularly described by metes and bounds as follows:

BEGINNING at a point, which bears S 41°53'03" E, 1,435.79 feet, from a brass cap, stamped "1940", found for the Northwest corner of Section 20 and being N 30°48'11" E, 1,848.91 feet, from a brass cap, stamped "1940", found for the West quarter corner of Section 20;

Thence N 89°29'49" E, 1,150.00 feet to a point;
 Thence S 00°30'11" E, 1,100.00 feet to a point;
 Thence S 89°29'49" W, 1,150.00 feet to a point;
 Thence N 00°30'11" W, 1,100.00 feet, to the Point Of Beginning.

Said tract of land contains 1,265,000 square feet or 29.040 acres, more or less and is allocated by forties as follows:

NW 1/4	NW 1/4	94,717 Sq. Ft.	2.174 Acres
NE 1/4	NW 1/4	187,089 Sq. Ft.	4.295 Acres
SW 1/4	NW 1/4	325,510 Sq. Ft.	7.473 Acres
SE 1/4	NW 1/4	657,684 Sq. Ft.	15.098 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
 P.O.B. POINT OF BEGINNING

I, R. M. Howett, a N. M. Professional Surveyor, hereby certify that I prepared this plot from an actual survey made on the ground under my direct supervision, said survey and plot 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.

Robert M. Howett
 Robert M. Howett NM PS 19680



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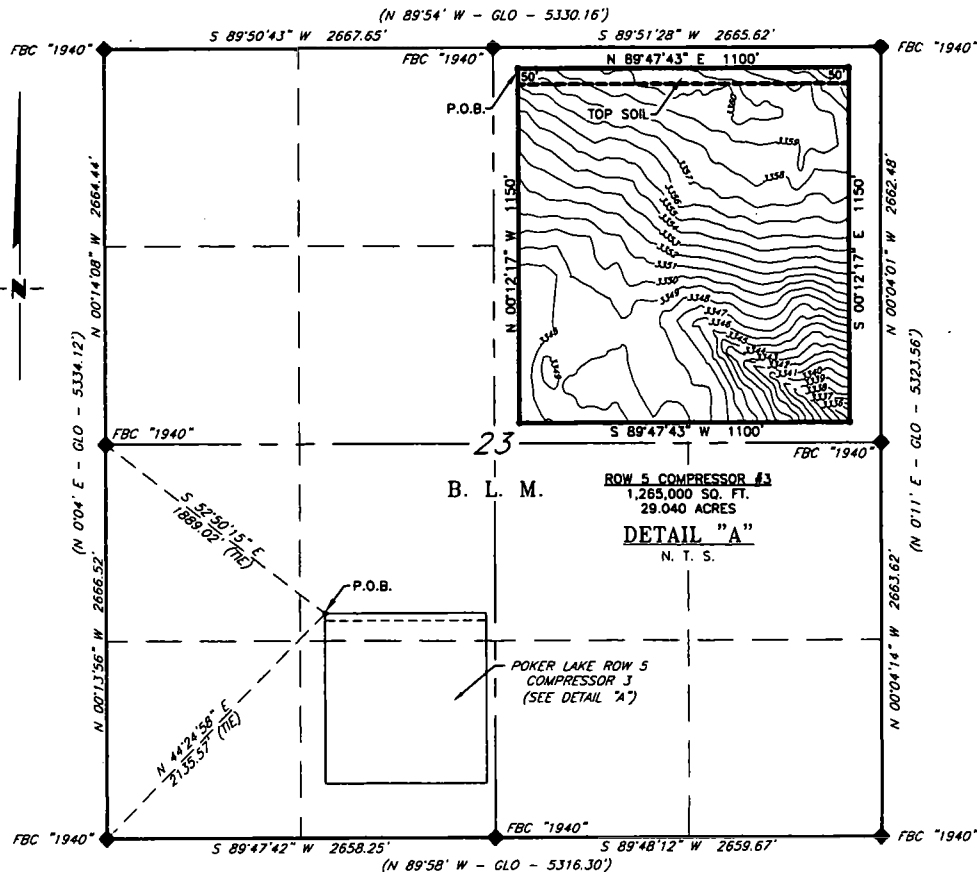
NO.	REVISION	DATE
JOB NO.:	LS1708489	
DWG. NO.:	1708489-1	

RRC

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

SCALE: 1" = 1000'
DATE: 8/10/2017
SURVEYED BY: JM/AS
DRAWN BY: LPS
APPROVED BY: RMH
SHEET: 1 OF 1

XTO ENERGY, INC.
PROPOSED POKER LAKE ROW 5 COMPRESSOR 3
SECTION 23, T25S, R30E,
N. M. P. M., EDDY CO., NEW MEXICO



DESCRIPTION

A tract of land situated within the Southwest quarter of Section 23, Township 25 South, Range 30 East, N. M. P. M., Eddy County, New Mexico, across B. L. M. land and and being more particularly described by metes and bounds as follows:

BEGINNING at a point, which bears S 52°50'15" E, 1,889.02 feet, from a brass cap, stamped "1940", found for the West quarter corner of Section 23 and being N 44°24'58" E, 2,135.57 feet, from a brass cap, stamped "1940", found for the Southwest quarter corner of Section 23;

Thence N 89°47'43" E, 1,100.00 feet to a point;
 Thence S 00°12'17" E, 1,150.00 feet to a point;
 Thence S 89°47'43" W, 1,100.00 feet to a point;
 Thence N 00°12'17" W, 1,150.00 feet, to the Point Of Beginning.

Said tract of land contains 1,265,000 square feet or 29.040 acres, more or less and is allocated by forties as follows:

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

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

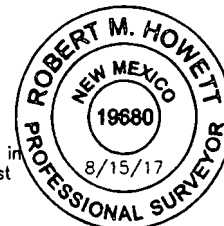
LEGEND

() RECORD DATA - GLO
 FOUND MONUMENT
 AS NOTED
 P.O.B. POINT OF BEGINNING

NE 1/4 NW 1/4 206,137 Sq. Ft. 4.732 Acres
 SE 1/4 NW 1/4 1,058,863 Sq. Ft. 24.308 Acres

I, R. M. Howett, 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.

Robert M. Howett
 Robert M. Howett NM PS 19680



Firm No.: TX 10193838 NM 4655451

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NO.	REVISION	DATE
JOB NO.:	LS1708490	
DWG. NO.:	1708490-1	

RRC

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

SCALE: 1" = 1000'
DATE: 8/10/2017
SURVEYED BY: JM/AS
DRAWN BY: LPS
APPROVED BY: RMH
SHEET: 1 OF 1

Poker Lake Unit Row 5 Pipeline Corridor and Compressor Stations
XTO Energy, Inc. / BOPCO, L.P.
Sections 19, 20, 22, 23, 25, 26, 27, 30 & 31-255-30E (Bureau of Land Management)
Sections 20, 28, 29 & 30 255-31E (Bureau of Land Management)
21-255-30E (Fee)
Eddy County, New Mexico

Section

Row 5 Far West (Benchy Draw) 1.50' with 30' temporary easement Sections 20, 22, 23, 25, 26, 27, 30 & 31-255-30E			
Type	MAWP	Material	
o Oil: 10"	1440	Steel	
o Low Pressure Gas 1: 20"	285	Steel	
o Low Pressure Gas 2: 16"	285	Steel	
o Gas Lift: 8"	1440	Steel	
o Fuel Gas: 6"	1440	Steel	
o Frac Water: 22"	250	Poly	
o Produced Water: 22"	250	Poly	
o Production Transfer Water: 16"	250	Poly	
o Production Transfer Oil: 8"	250	Poly	
o Road: 30'	N/A	N/A	

Row 5 West Sections 20, 22, 23, 25, 26, 27, 30 & 31-255-30E			
Type	MAWP	Material	
o Oil: 10"	1440	Steel	
o Low Pressure Gas 1: 20"	285	Steel	
o Low Pressure Gas 2: 16"	285	Steel	
o High Pressure Gas: 16"	1440	Steel	
o Gas Lift: 8"	1440	Steel	
o Fuel Gas: 6"	1440	Steel	
o Condensate: 4"	1440	Steel	
o Frac Water: 22"	250	Poly	
o Produced Water: 22"	250	Poly	
o Production Transfer Water: 16"	250	Poly	
o Production Transfer Oil: 8"	250	Poly	
o Road: 30'	N/A	N/A	

Row 5 Central Sections 20, 22, 23, 25, 26, 27, 30 & 31-255-30E, Sec 30 T2N 28S R10E			
Type	MAWP	Material	
o Oil: 10"	1440	Steel	10649.07
o Low Pressure Gas 1: 20"	285	Steel	10649.07
o Low Pressure Gas 2: 16"	285	Steel	10649.07
o High Pressure Gas: 16"	1440	Steel	10649.07
o Gas Lift: 8"	1440	Steel	10649.07
o Fuel Gas: 6"	1440	Steel	10649.07
o Condensate 4"	1440	Steel	10649.07
o Frac Water: 22"	250	Poly	10649.07
o Produced Water: 22"	250	Poly	10649.07
o Recycle Water: 22"	250	Poly	10649.07
o Fresh Water: 22"	250	Poly	10649.07
o Production Transfer Water: 16"	250	Poly	10649.07
o Production Transfer Oil: 8"	250	Poly	10649.07
o Road: 30'	N/A	N/A	10649.07

Row 5 East Sections 20 & 22 T2N 28S R10E			
Type	MAWP	Material	
o Oil: 8"	1440	Steel	
o Low Pressure Gas 1: 20"	285	Steel	
o Low Pressure Gas 2: 16"	285	Steel	
o High Pressure Gas: 12"	1440	Steel	
o Gas Lift: 8"	1440	Steel	
o Fuel Gas: 6"	1440	Steel	
o Condensate 4"	1440	Steel	
o Frac Water: 22"	250	Poly	
o Produced Water: 22"	250	Poly	
o Production Transfer Water: 16"	250	Poly	
o Production Transfer Oil: 8"	250	Poly	
o Road: 30'	N/A	N/A	

Row 5 Far East Sections 20 & 22 T2N 28S R10E			
Type	MAWP	Material	
o Oil: 8"	1440	Steel	
o Low Pressure Gas 1: 20"	285	Steel	
o Low Pressure Gas 2: 16"	285	Steel	
o Fuel Gas: 6"	1440	Steel	
o Gas Lift: 8"	1440	Steel	
o Frac Water: 22"	250	Poly	
o Produced Water: 22"	250	Poly	
o Production Transfer Water: 16"	250	Poly	
o Production Transfer Oil: 8"	250	Poly	
o Road: 30'	250	Poly	

Compressor Stations			
		Dimensions	Approx. disturbance
o Row 5 East Compressor #1		1150 x 1100	29.040 ac
o Row 5 Far West Compressor #2		1150 x 1100	29.040 ac
o Row 5 Central Compressor #3		1150 x 1100	29.040 ac

Row 5 East Compressor #1 Station 20 to 30 TWIN 200 RWD 200			
Type	MAWP	Material	
o Oil: 4"	1440	Steel	
o Low Pressure Gas 1: 20"	285	Steel	
o Low Pressure Gas 2: 16"	285	Steel	
o Low Pressure Gas 3: 20"	285	Steel	
o Low Pressure Gas 4: 16"	285	Steel	
o High Pressure Gas: 12"	1440	Steel	
o Gas Lift 1: 8"	1440	Steel	
o Gas Lift 2: 8"	1440	Steel	
o Fuel Gas: 4"	1440	Steel	
o Condensate: 4"	1440	Steel	
o Produced Water: 4"	250	Poly	
o Road: 30'	N/A	N/A	

Row 3 Far West Compressor #3 Station 31 TWIN 200 RWD 200			
Type	MAWP	Material	
o Oil: 4"	1440	Steel	
o Low Pressure Gas 1: 20"	285	Steel	
o Low Pressure Gas 2: 16"	285	Steel	
o Low Pressure Gas 3: 20"	285	Steel	
o Low Pressure Gas 4: 16"	285	Steel	
o High Pressure Gas: 16"	1440	Steel	
o Gas Lift 1: 8"	1440	Steel	
o Gas Lift 2: 8"	1440	Steel	
o Fuel Gas: 4"	1440	Steel	
o Condensate: 4"	1440	Steel	
o Produced Water: 4"	250	Poly	
o Road: 30'	N/A	N/A	

Row 4 Central Compressor #2 Station 22 to 30 TWIN 200 RWD 200			
Type	MAWP	Material	
o Oil: 4"	1440	Steel	
o Low Pressure Gas 1: 20"	285	Steel	
o Low Pressure Gas 2: 16"	285	Steel	
o Low Pressure Gas 3: 20"	285	Steel	
o Low Pressure Gas 4: 16"	285	Steel	
o High Pressure Gas: 12"	1440	Steel	
o Gas Lift 1: 8"	1440	Steel	
o Gas Lift 2: 8"	1440	Steel	
o Fuel Gas: 4"	1440	Steel	
o Condensate: 4"	1440	Steel	
o Produced Water: 4"	250	Poly	
o Road: 30'	N/A	N/A	

Company Reference: Bopco, LP

WELL NO. & NAME: Poker Lake Unit CVX JV BS 24H

PROJECT: Poker Lake Unit Row 5 Infrastructure

STANDARD STIPULATIONS FOR OIL AND GAS RELATED SITES

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

The holder agrees to comply with the following stipulations to the satisfaction of the Authorized Officer, BLM.

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 and for all response costs, penalties, damages, claims, and other costs arising from the provisions of the Resource Conservation and Recovery Act (RCRA), 42 U.S.C. Chap. 82, Section 6901 et. seq., from the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), 42 U.S.C. Chap. 109, Section 9601 et. seq., and from other applicable environmental statutes.
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 U.S.C. 2601, et. seq.) with regard to any toxic substances that are used, generated by or stored on the right-of-way or on facilities authorized by this 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). 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 site or related pipeline(s), any oil or other pollutant should be discharged from site facilities, the pipeline(s) or from containers or vehicles impacting Federal lands, the control and total removal, disposal, and cleanup of such oil or other pollutant, wherever found, shall be the responsibility of

the holder, regardless of fault. Upon failure of the holder to control, dispose of, or clean up such discharge on or affecting Federal lands, or to repair all damages to Federal lands resulting therefrom, the Authorized Officer may take such measures as deemed necessary to control and cleanup 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 the holder of any liability or responsibility.

5. Sites shall be maintained in an orderly, sanitary condition at all times. Waste materials, both liquid and solid, shall be disposed of promptly at an appropriate, authorized waste disposal facility in accordance with all applicable State and Federal laws. "Waste" means all discarded matter including, but not limited to, human waste, trash, garbage, refuse, petroleum products, brines, chemicals, oil drums, ashes, and equipment.

6. The operator will notify the Bureau of Land Management (BLM) authorized officer and nearest Fish and Wildlife Service (FWS) Law Enforcement office within 24 hours, if the operator discovers a dead or injured federally protected species (i.e., migratory bird species, bald or golden eagle, or species listed by the FWS as threatened or endangered) in or adjacent to a pit, trench, tank, exhaust stack, or fence. (If the operator is unable to contact the FWS Law Enforcement office, the operator must contact the nearest FWS Ecological Services office.)

7. 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 a color which simulates "Standard Environmental Colors" designated by the Rocky Mountain Five-State Interagency Committee. The color selected for this project is **Shale Green**, Munsell Soil Color Chart Number 5Y 4/2.

8. Any cultural and/or paleontological resource (historic or prehistoric site or object) discovered by the holder, or any person working on the holder's behalf, on public or Federal land shall be immediately reported to the Authorized Officer. The 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 the proper mitigation measures will be made by the Authorized Officer after consulting with the holder.

9. A sales contract for removal of mineral material (caliche, sand, gravel, fill dirt) from an authorized pit, site, or on location must be obtained from the BLM prior to commencing construction. There are several options available for purchasing mineral material: contact the BLM office (575-234-5972).

10. 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 the roads, pads, associated 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.

11. Once the site is no longer in service or use, the site must undergo final abandonment. At final abandonment, the site and access roads must undergo "final" reclamation so that the character and productivity of the land are restored. Earthwork for final reclamation must be completed within six (6) months of the abandonment of the site. All pads and facility locations and roads must be reclaimed to a satisfactory revegetated, safe, and stable condition, unless an agreement is made with the landowner or BLM to keep the road and/or pad intact. After all disturbed areas have been satisfactorily prepared, these areas need to be revegetated with the seed mixture provided. Seeding should be accomplished by drilling on the contour whenever practical or by other approved methods. Seeding may need to be repeated until revegetation is successful, as determined by the BLM.

Operators shall contact a BLM surface protection specialist prior to surface abandonment operations for site specific objectives (Jim Amos: 575-234-5909).

12. The holder shall stockpile an adequate amount of topsoil where blading occurs. The topsoil to be stripped is approximately 6 inches in depth. The topsoil will be segregated from other spoil piles. The topsoil will be used for final reclamation.

13. 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 |

14. In those areas where erosion control structures are required to stabilize soil conditions, the holder shall install such structures as are suitable for the specific soil conditions being encountered and which are in accordance with sound management practices. Any earth work will require prior approval by the Authorized Officer.

15. Open-topped Tanks - The operator will take actions necessary to prevent wildlife and livestock access, including avian wildlife, to all open-topped tanks that contain or have the potential to contain salinity sufficient to cause harm to wildlife or livestock, hydrocarbons, or Resource Conservation and Recovery Act of 1976-exempt hazardous substances. At a minimum, the operator will net, screen, or cover open-topped tanks to exclude wildlife and livestock and prevent mortality. If the operator uses netting, the operator will cover and secure the open portion of the tank to prevent wildlife entry. The operator will net, screen, or cover the tanks until the operator removes the tanks from the location or the tanks no longer contain substances that could be harmful to wildlife or livestock. Use a maximum netting mesh size of 1 ½ inches. The netting must not be in contact with fluids and must not have holes or gaps

16. The operator will prevent all hazardous, poisonous, flammable, and toxic substances from coming into contact with soil and water. At a minimum, the operator will install and maintain an

impervious secondary containment system for any tank or barrel containing hazardous, poisonous, flammable, or toxic substances sufficient to contain the contents of the tank or barrel and any drips, leaks, and anticipated precipitation. The operator will dispose of fluids within the containment system that do not meet applicable state or U. S. Environmental Protection Agency livestock water standards in accordance with state law; the operator must not drain the fluids to the soil or ground. The operator will design, construct, and maintain all secondary containment systems to prevent wildlife and livestock exposure to harmful substances. At a minimum, the operator will install effective wildlife and livestock enclosure systems such as fencing, netting, expanded metal mesh, lids, and grate covers. Use a maximum netting mesh size of 1 ½ inches.

17. Open-Vent Exhaust Stack Enclosures – The operator will construct, modify, equip, and maintain all open-vent exhaust stacks on production equipment to prevent birds and bats from entering, and to discourage perching, roosting, and nesting. (Recommended enclosure structures on open-vent exhaust stacks are in the shape of a cone.) Production equipment includes, but may not be limited to, tanks, heater-treaters, separators, dehydrators, flare stacks, in-line units, and compressor mufflers.

18. Containment Structures - Proposed production facilities such as storage tanks and other vessels will have a secondary containment structure that is constructed to hold the capacity of 1.5 times the largest tank, plus freeboard to account for precipitation, unless more stringent protective requirements are deemed necessary.

19. 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.

20. 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 permanent engines must be muffled or otherwise controlled so as not to exceed 75 db measured at 30 ft. from the source of the noise.

This authorization is subject to your Certificate of Participation and/or Certificate of Inclusion under the New Mexico Candidate Conservation Agreement. Because it involves surface disturbing activities covered under your Certificate, your Habitat Conservation Fund Account with the Center of Excellence for Hazardous Materials Management (CEHMM) will be debited according to Exhibit B Part 2 of the Certificate of Participation.

Desert Heronries

Surface disturbance will not be allowed within up to 200 meters of active heronries or by delaying activity for up to 120 days, or a combination of both.

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.

Karst Conditions of Approval

Construction:

In the advent that any underground voids are opened up during construction activities, construction activities will be halted and the BLM will be notified immediately.

No Blasting:

No blasting will be utilized for pad construction. The pad will be constructed and leveled by adding the necessary fill and caliche.

ROADS

- Roads will be routed around sinkholes and other karst features to avoid or lessen the possibility of encountering near surface voids and to minimize changes to runoff or possible leaks and spills from entering karst systems.
- The BLM, Carlsbad Field Office, will be informed immediately if any subsurface drainage channels, cave passages, or voids are penetrated during construction and no further construction will be done until clearance has been issued by the Authorized Officer.
- Turnout ditches and drainage leadoffs will not be constructed in such a manner as to increase or decrease the natural flow of water into or out of cave or karst features.
- Special restoration stipulations or realignment may be required.
- All spills or leaks will be reported to the BLM immediately for their immediate and proper treatment.

BURIED PIPELINES

1. The BLM, Carlsbad Field Office, will be informed immediately if any subsurface drainage channels, passages, or voids are intersected by trenching, and no pipe will be laid in the trench at that point until clearance has been issued by the Authorized Officer.
2. If a void is encountered alignments may be rerouted to avoid the karst feature and lessen; the potential of subsidence or collapse of karst features, buildup of toxic or combustible gas, or other possible impacts to cave and karst resources from the buried pipeline.
3. Special restoration stipulations or realignment may be required at such intersections, if any.
4. A leak detection plan **will be submitted to the BLM Carlsbad Field Office for approval** prior to pipeline installation. The method could incorporate gauges to detect pressure drops, siting valves and lines so they can be visually inspected periodically or installing electronic sensors to alarm when a leak is present. The leak detection plan will incorporate an automatic shut off system that will be installed for proposed pipelines to minimize the effects of an undesirable event.
5. Regular monitoring is required to quickly identify leaks for their immediate and proper treatment.

POWERLINES:

- Smaller powerlines will be routed around sinkholes and other karst features to avoid or lessen the possibility of encountering near surface voids and to minimize changes to runoff or possible leaks and spills from entering karst systems. Larger powerlines will adjust their pole spacing to avoid cave and karst features.
- The BLM, Carlsbad Field Office, will be informed immediately if any subsurface drainage channels, cave passages, or voids are penetrated during construction.
- No further construction will be done until clearance has been issued by the Authorized Officer.
- Special restoration stipulations or realignment may be required.

FLOWLINES (SURFACE):

- Flowlines will be routed around sinkholes and other karst features to avoid or lessen the possibility of encountering near surface voids and to minimize the possibility of leaks and spills from entering karst systems.
- If a void is encountered alignments may be rerouted to avoid the karst feature and lessen; the potential of subsidence or collapse of karst features, buildup of toxic or combustible gas, or other possible impacts to cave and karst resources from the buried pipeline.
- Regular monitoring is required to quickly identify leaks for their immediate and proper treatment.
- All spills or leaks will be reported to the BLM immediately for their immediate and proper treatment.

Hydrology

The entire well pad will be bermed to prevent oil, salt, and other chemical contaminants from leaving the well pad. Topsoil shall not be used to construct the berm. No water flow from the uphill side(s) of the pad shall be allowed to enter the well pad. The berm shall be maintained through the life of the well and after interim reclamation has been completed. Any water erosion that may occur due to the construction of the well pad during the life of the well will be quickly corrected and proper measures will be taken to prevent future erosion.

Tank battery locations will be lined and bermed. A 20 mil permanent liner will be installed with a 4 oz. felt backing to prevent tears or punctures. Tank battery berms must be large enough to contain 1 ½ times the content of the largest tank or 24 hour production, whichever is greater. Automatic shut off, check valves, or similar systems will be installed for tanks to minimize the effects of catastrophic line failures used in production or drilling.

A leak detection plan will be submitted to the BLM Carlsbad Field Office for approval prior to pipeline installation. The method could incorporate gauges to detect pressure drops, siting values and lines so they can be visually inspected periodically or installing electronic sensors to alarm when a leak is present. The leak detection plan will incorporate an automatic shut off system that will be installed for proposed pipelines to minimize the effects of an undesirable event.

Company Reference: Bopco, LP

WELL NO. & NAME: Poker Lake Unit CVX JV BS 24H

PROJECT: Poker Lake Unit Row 5 Infrastructure

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 checked="" type="checkbox"/> seed mixture 2 | <input type="checkbox"/> seed mixture 4 |
| <input 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.

Desert Heronries

Surface disturbance will not be allowed within up to 200 meters of active heronries or by delaying activity for up to 120 days, or a combination of both.

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.

Karst Conditions of Approval for Poker Lake North South Connector

Construction:

In the advent that any underground voids are opened up during construction activities, construction activities will be halted and the BLM will be notified immediately.

No Blasting:

No blasting will be utilized for pad construction. The pad will be constructed and leveled by adding the necessary fill and caliche.

ROADS

- Roads will be routed around sinkholes and other karst features to avoid or lessen the possibility of encountering near surface voids and to minimize changes to runoff or possible leaks and spills from entering karst systems.
- The BLM, Carlsbad Field Office, will be informed immediately if any subsurface drainage channels, cave passages, or voids are penetrated during construction and no further construction will be done until clearance has been issued by the Authorized Officer.
- Turnout ditches and drainage leadoffs will not be constructed in such a manner as to increase or decrease the natural flow of water into or out of cave or karst features.
- Special restoration stipulations or realignment may be required.
- All spills or leaks will be reported to the BLM immediately for their immediate and proper treatment.

BURIED PIPELINES

1. The BLM, Carlsbad Field Office, will be informed immediately if any subsurface drainage channels, passages, or voids are intersected by trenching, and no pipe will be laid in the trench at that point until clearance has been issued by the Authorized Officer.

2. If a void is encountered alignments may be rerouted to avoid the karst feature and lessen the potential of subsidence or collapse of karst features, buildup of toxic or combustible gas, or other possible impacts to cave and karst resources from the buried pipeline.
3. Special restoration stipulations or realignment may be required at such intersections, if any.
4. A leak detection plan **will be submitted to the BLM Carlsbad Field Office for approval** prior to pipeline installation. The method could incorporate gauges to detect pressure drops, siting values and lines so they can be visually inspected periodically or installing electronic sensors to alarm when a leak is present. The leak detection plan will incorporate an automatic shut off system that will be installed for proposed pipelines to minimize the effects of an undesirable event.
5. Regular monitoring is required to quickly identify leaks for their immediate and proper treatment.

POWERLINES:

- Smaller powerlines will be routed around sinkholes and other karst features to avoid or lessen the possibility of encountering near surface voids and to minimize changes to runoff or possible leaks and spills from entering karst systems. Larger powerlines will adjust their pole spacing to avoid cave and karst features.
- The BLM, Carlsbad Field Office, will be informed immediately if any subsurface drainage channels, cave passages, or voids are penetrated during construction.
- No further construction will be done until clearance has been issued by the Authorized Officer.
- Special restoration stipulations or realignment may be required.

FLOWLINES (SURFACE):

- Flowlines will be routed around sinkholes and other karst features to avoid or lessen the possibility of encountering near surface voids and to minimize the possibility of leaks and spills from entering karst systems.
- If a void is encountered alignments may be rerouted to avoid the karst feature and lessen the potential of subsidence or collapse of karst features, buildup of toxic or combustible gas, or other possible impacts to cave and karst resources from the buried pipeline.
- Regular monitoring is required to quickly identify leaks for their immediate and proper treatment.
- All spills or leaks will be reported to the BLM immediately for their immediate and proper treatment.

Hydrology:

When crossing the ephemeral drainages the pipelines will be buried to a minimum depth of 48 inches from the top of pipe to ground level. Gabions and rock aprons will be placed on both up and downstream sides of the pipeline crossing. In addition, curled wood fiber wattles and logs will be placed on the downstream side for sediment control.

A leak detection plan will be submitted to the BLM Carlsbad Field Office for approval prior to pipeline installation. The method could incorporate gauges to detect pressure drops, siting values and lines so they can be visually inspected periodically or installing electronic sensors to alarm when a leak is present. The leak detection plan will incorporate an automatic shut off

system that will be installed for proposed pipelines to minimize the effects of an undesirable event.

Any water erosion that may occur due to the construction of the pipeline during the life of the wells will be quickly corrected and proper measures will be taken to prevent future erosion.

Stockpiling of topsoil is required. The top soil shall be stockpiled in an appropriate location to prevent loss of soil due to water or wind erosion and not used for berming or erosion control. Pipeline trenches will be compacted during backfilling and will be maintained to correct backfill settling to prevent erosion.

Pipeline corridors will be restored back to original grade as possible and will be reseeded, as well as install dirt/straw/rock water bars to help slow down water and keep the soil stabilized.

The road that is included within the corridor will not travel south in Section 27 of Township 25 South, Range 30 East due to drainages and rough terrain.