

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.
NMNM16348

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
LUSITANO 27-15 FED COM 234H

9. API Well No.

10. Field and Pool or Exploratory Area
JENNINGS; BONE SPRING, W11. County or Parish, State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

DEVON ENERGY PRODUCTION COMPANY

Contact: LINDA GOOD

Email: linda.good@devn.com

3a. Address

333 WEST SHERIDAN AVE.
OKLAHOMA CITY, OK 73102

3b. Phone No. (include area code)

Ph: 405-552-6558

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

Sec 27 T25S R31E Mer NMP NENE 235FNL 295FEL

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 checked="" type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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.

ATTENTION CODY LAYTON: Per conversation with Ryan Delong.

Accepted for record - NMOCD

Devon Energy Production Co., LP respectfully requests permission to build a pad in the approved Cotton Draw 1 Master Development Plan prior to APD approval. Since we will be drilling so many wells (and have submitted as many APD's), we will be constructing the entire MDP pad instead of the staged sub-pad.

NM OIL CONSERVATION
ARTESIA DISTRICT

We need the first Spudder rig to start no later than August 15, 2017, finishing the surface holes on the pad in 35 days. 7 surface holes to drill/case taking an average of 5 day/each.

JUL 17 2017

Justification on why we need to build large pad:

1. Larger pad to accommodate higher well count; drilling 2 pods of wells for a total of 7 well pad.

RECEIVED

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #380860 verified by the BLM Well Information System For DEVON ENERGY PRODUCTION COMPANY, sent to the Carlsbad	
Name (Printed/Typed) LINDA GOOD	Title REGULATORY SPECIALIST
Signature (Electronic Submission)	Date 07/10/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>Cody Layton</i>	Title <i>APM - Linda Good</i>	Date <i>07/13/17</i>
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 <i>CFO</i>

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)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #380860 that would not fit on the form

32. Additional remarks, continued

2. Multiple pods to facilitate drilling and completing wells simultaneously.
3. Larger pad to accommodate drilling and completion equipment footprints.

Below are the submitted APD's:

Lusitano 27-15 Fed Com 234H - APD submitted 6/21/17. Approval by 8/4/17

Lusitano 27-34 Fed Com 336H - APD submitted 6/27/17. Approval by 8/12/17

Lusitano 27-34 Fed Com 718H - APD submitted 6/27/17. Approval by 8/12/17

Lusitano 27-34 Fed Com 626H - APD submitted 6/28/17. Approval by 8/12/17

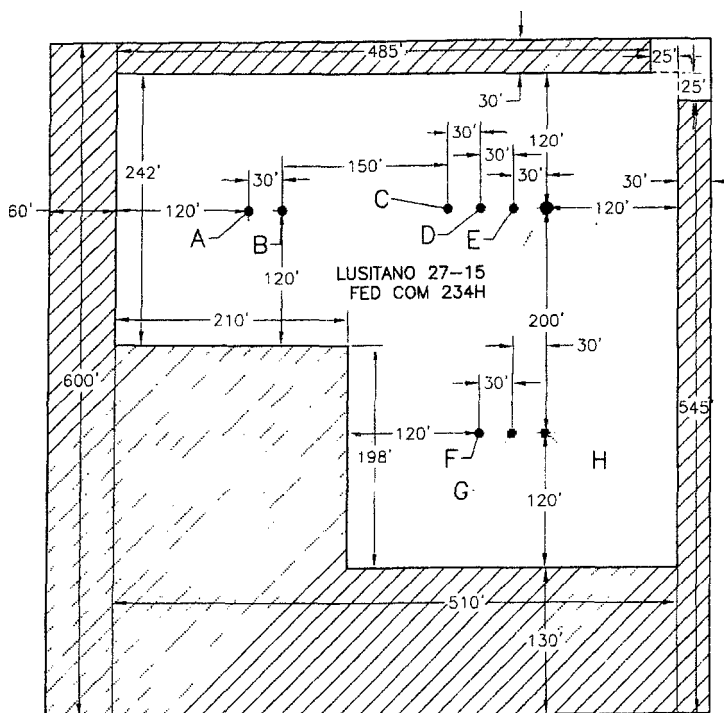
Lusitano 27-34 Fed Com 235H - APD submitted 6/28/17. Approval by 8/12/17

Lusitano 27-34 Fed Com 536H - APD submitted 6/28/17. Approval by 8/12/17

Lusitano 27-34 Fed Com 528H - APD submitted 6/28/17. Approval by 8/12/17

Attachment: Plats

SEC. 22
SEC. 27



SEC. 27
SEC. 26



- | | | | | | |
|---|----------|-------|-----|-----|------|
| A | LUSITANO | 27-34 | FED | COM | 216H |
| B | LUSITANO | 27-34 | FED | COM | 758H |
| C | LUSITANO | 27-34 | FED | COM | 626H |
| D | LUSITANO | 27-34 | FED | COM | 718H |
| E | LUSITANO | 27-34 | FED | COM | 336H |
| F | LUSITANO | 27-34 | FED | COM | 528H |
| G | LUSITANO | 27-34 | FED | COM | 536H |
| H | LUSITANO | 27-34 | FED | COM | 235H |

 DENOTES INTERIM PAD
RECLAMATION AREA

0 75 150 300
SCALE 1" = 150'

4.013± ACRES INTERIM PAD RECLAMATION AREA
4.251± ACRES NON-RECLAIMED AREA
8.264± ACRES COTTON DRAW UNIT 27-27 PAD 6

DEVON ENERGY PRODUCTION COMPANY, L.P.
LUSITANO 27-15 FED COM 234H
LOCATED 235 FT. FROM THE NORTH LINE
AND 295 FT. FROM THE EAST LINE OF
SECTION 27, TOWNSHIP 25 SOUTH,
RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

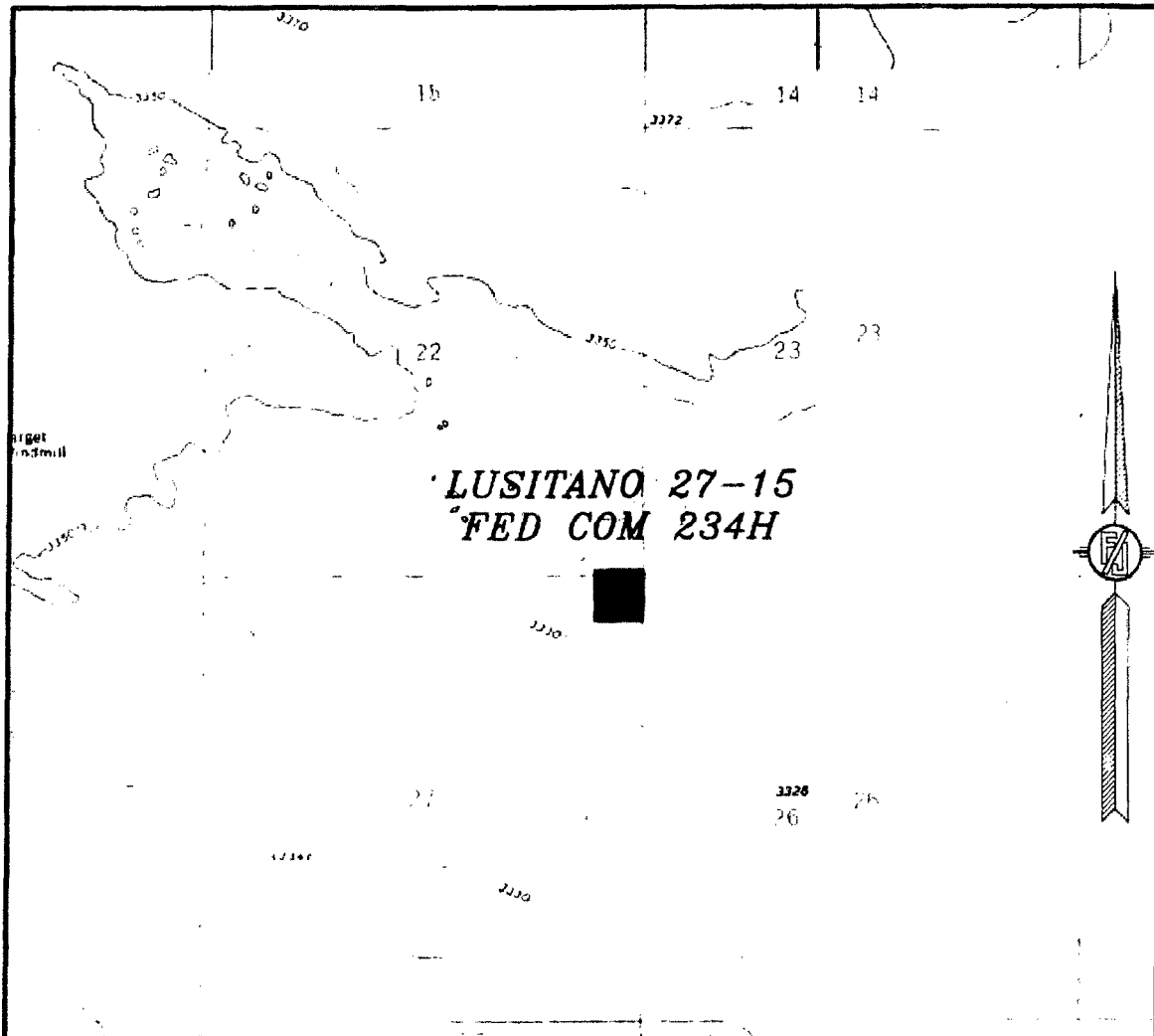
JUNE 19, 2017

SURVEY NO. 5274A

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO
(575) 234-3341

301 SOUTH CANAL
(575) 234-3341

SECTION 27, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
LOCATION VERIFICATION MAP



USGS QUAD MAP:
PHANTOM BANKS

NOT TO SCALE

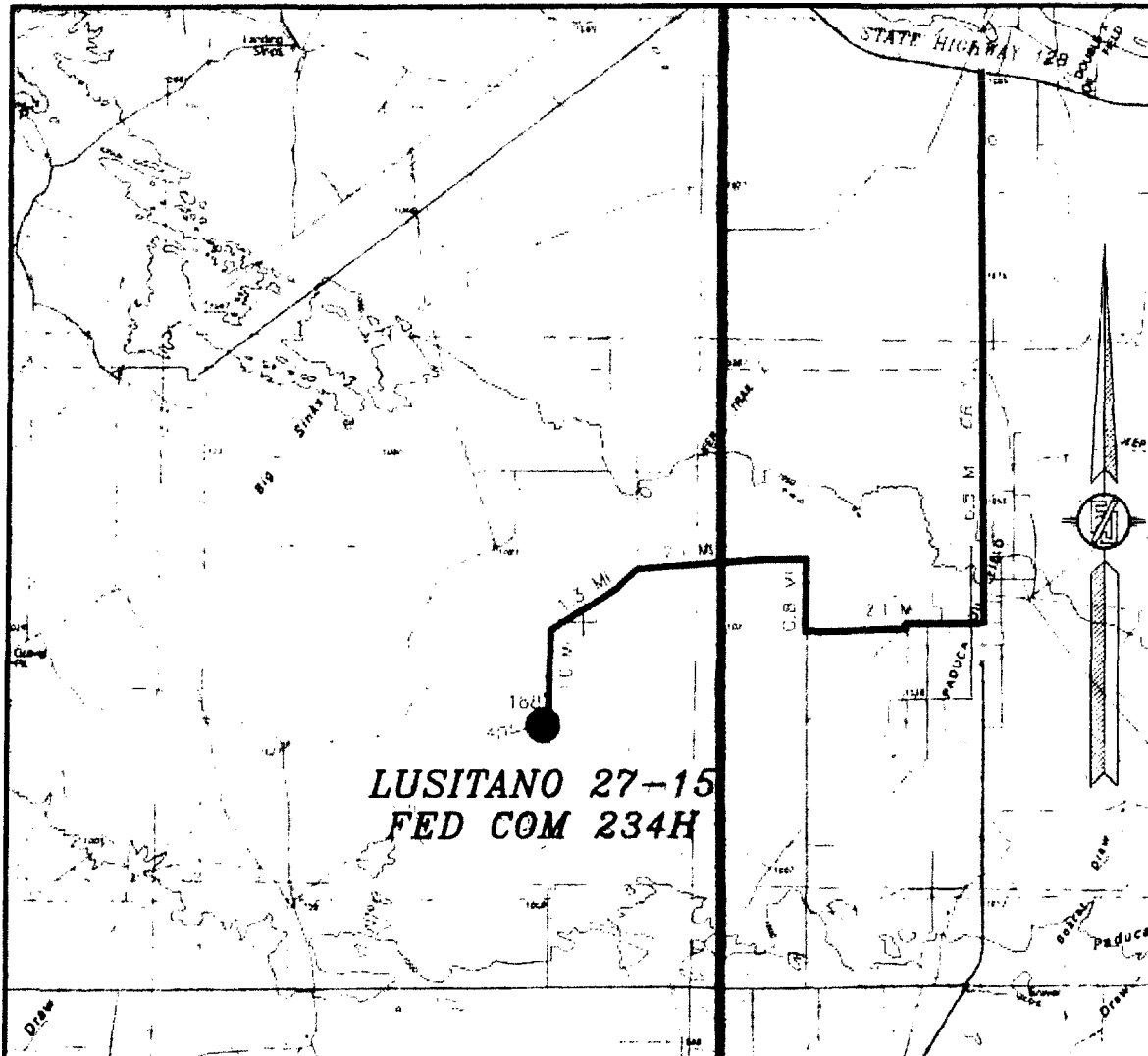
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RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

JUNE 19, 2017

SURVEY NO. 5274A

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SECTION 27, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.

LUSITANO 27-15 FED COM 234H

LOCATED 235 FT. FROM THE NORTH LINE

AND 295 FT. FROM THE EAST LINE OF

SECTION 27, TOWNSHIP 25 SOUTH,

RANGE 31 EAST, N.M.P.M.

EDDY COUNTY, STATE OF NEW MEXICO

DIRECTIONS TO LOCATION

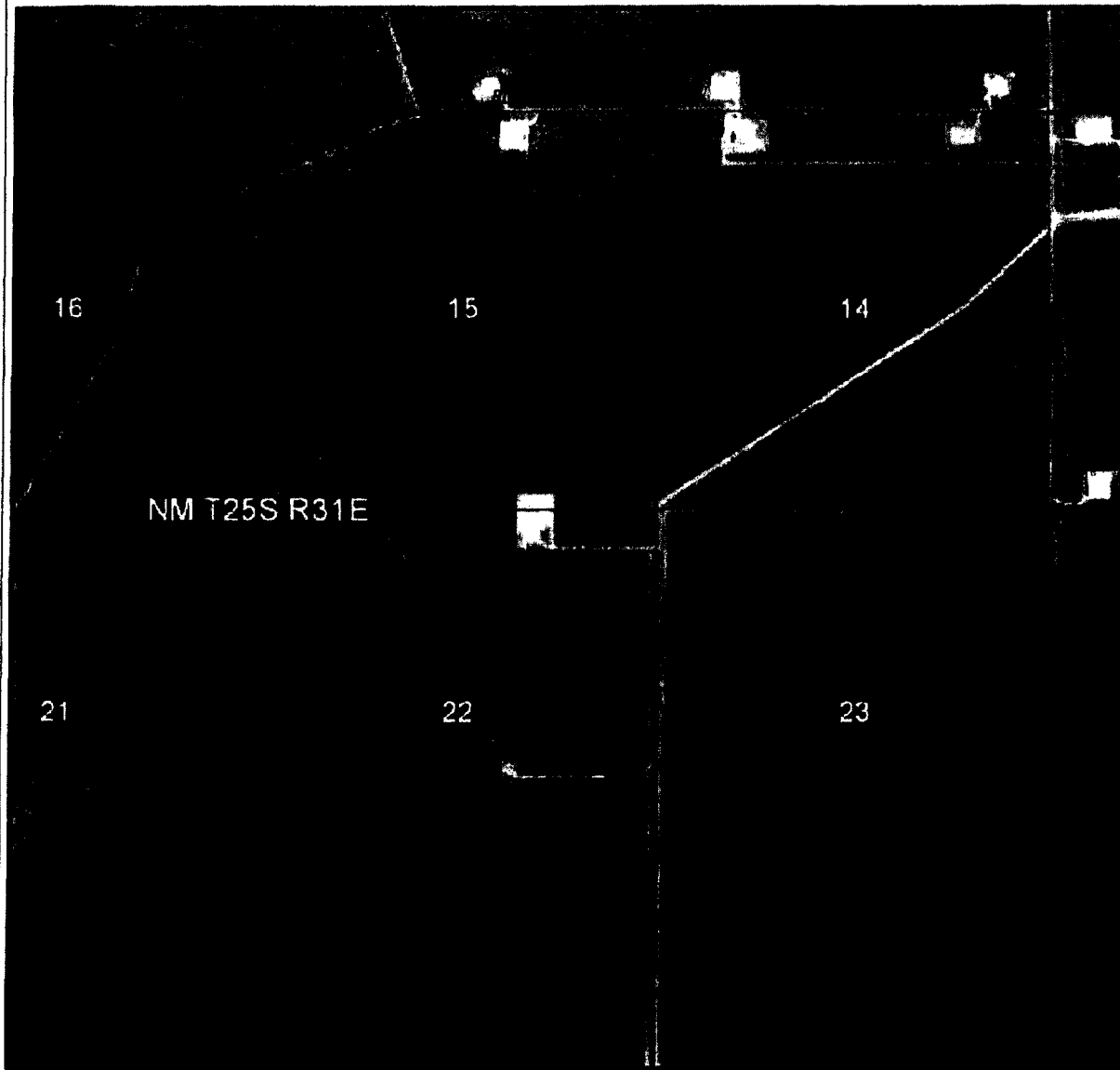
FROM STATE HIGHWAY 128 AND CR 1 (ORLA HIGHWAY) GO SOUTH ON CR 1 6.5 MILES TO MONSANTO ROAD, TURN RIGHT GO WEST 2.1 MILES, TURN RIGHT GO NORTH 0.8 OF A MILE, TURN LEFT GO WEST 2.1 MILES, BEND LEFT GO SOUTHWEST 1.3 MILES, TURN LEFT GO SOUTH 1.0 MILE TO BEGIN ROAD SURVEY, GO WEST 188', GO SOUTH 40' TO THE NORTHEAST CORNER FOR THIS LOCATION.

JUNE 19, 2017

SURVEY NO. 5274A

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SECTION 27, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
AERIAL PHOTO



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
NOVEMBER 2015

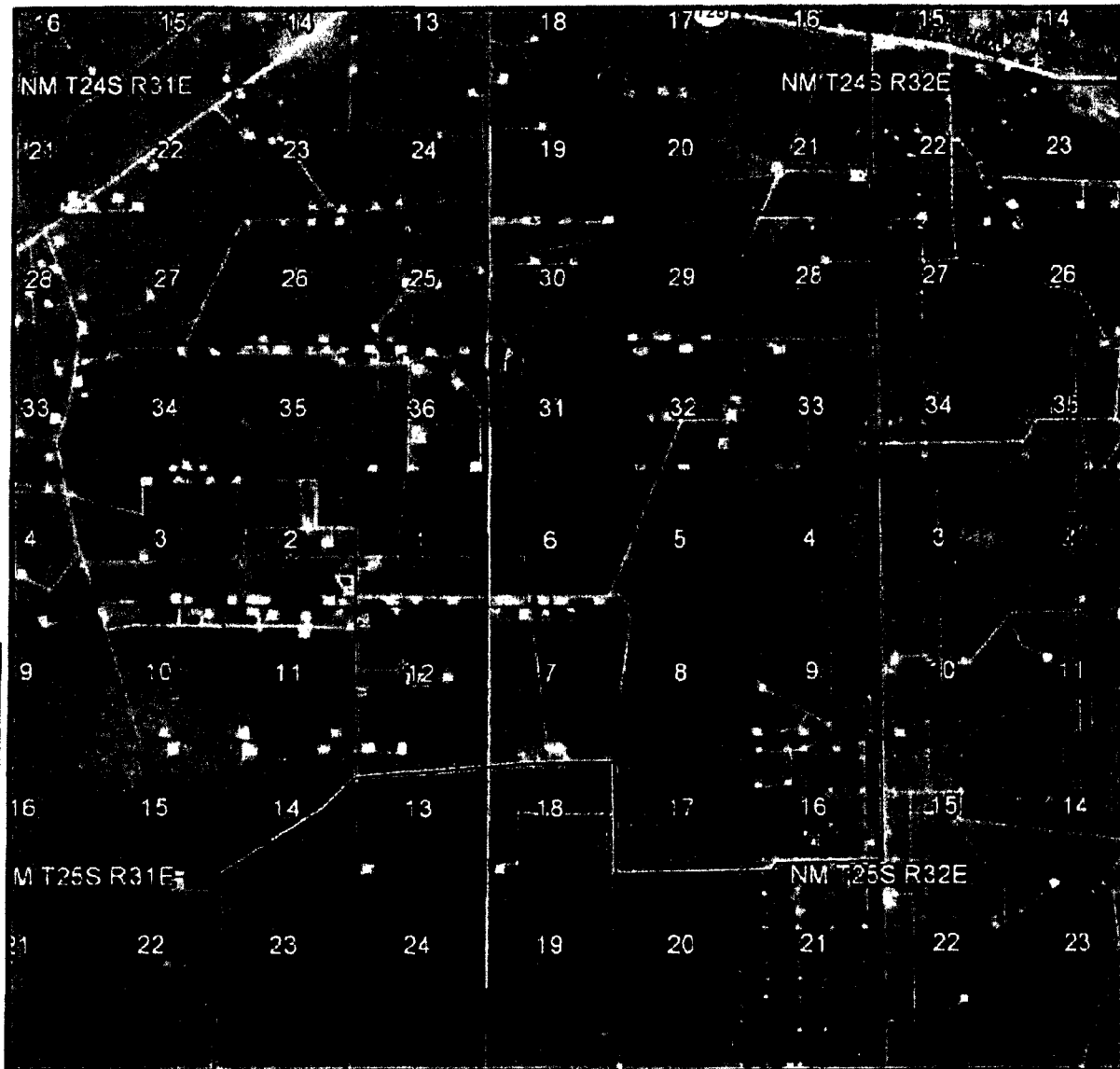
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SECTION 27, TOWNSHIP 25 SOUTH,
RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO*

JUNE 19, 2017

SURVEY NO. 5274A

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SECTION 27, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M.
 EDDY COUNTY, STATE OF NEW MEXICO
 ACCESS AERIAL ROUTE MAP



NOT TO SCALE
 AERIAL PHOTO:
 GOOGLE EARTH
 NOVEMBER 2015

DEVON ENERGY PRODUCTION COMPANY, L.P.
 LUSITANO 27-15 FED COM 234H
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 AND 295 FT. FROM THE EAST LINE OF
 SECTION 27, TOWNSHIP 25 SOUTH,
 RANGE 31 EAST, N.M.P.M.
 EDDY COUNTY, STATE OF NEW MEXICO

JUNE 19, 2017

SURVEY NO. 5274A

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SITE MAP

SEC. 22
SEC. 27

EL 3334.0' B/W FENCE 800' EL 3333.3'

30' ACCESS ROAD 150' NORTH OFFSET

EL 3334.7' EL 3334.6' EL 3334.4'

PROPOSED TEMP ROAD

180' WEST OFFSET EL 3335.6'

599.98 FT

150' 30' 150' 30' 200'

A B C D E

30' 30' 30' 30'

180' 30' 150' 30' 150'

TOPSOIL AREA N00°00'56"E 599.99 FT

CENTER POINT COTTON DRAW UNIT 27-27 PAD 6

PAD 7.067± ACRES
ACCESS ROAD 1.187± ACRES
TOTAL ACREAGE 8.264± ACRES

30' FACILITY ROAD

30' FACILITY ROAD

589°38'36"W 599.96 FT

300' SOUTH OFFSET EL 3337.3' EL 3336.7'

PROPOSED TEMP ROAD

PROPOSED COTTON DRAW UNIT 27-27 CTB 6

500°01'04"W 599.99 FT

1200'

1200'

800'

EL 3327.4' EL 3328.9'

PLAINS BPL

EXISTING 30' FAULTH ROAD

SEC. 27
SEC. 26

A	LUSITANO	27-34	FED	COM	216H
B	LUSITANO	27-34	FED	COM	758H
C	LUSITANO	27-34	FED	COM	626H
D	LUSITANO	27-34	FED	COM	718H
E	LUSITANO	27-34	FED	COM	336H
F	LUSITANO	27-34	FED	COM	528H
G	LUSITANO	27-34	FED	COM	536H
H	LUSITANO	27-34	FED	COM	235H

MADRON SURVEYING, INC. 301 SOUTH CANAL
(575) 234-3341

CARLSBAD, NEW MEXICO

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
	97860	Jennings; Bone Springs, West
Property Code	Property Name	
	LUSITANO 27-15 FED COM	
OGRID No.	Operator Name	
6137	DEVON ENERGY PRODUCTION COMPANY, L.P.	
		Elevation
		3336.3
		Well Number
		234H

¹⁰ Surface Location

UL or lot no.	A	Section	27	Township	25 S	Range	31 E	Lot Idn	235	Feet from the	NORTH	Feet from the	295	EAST	County	EDDY
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Bottom Hole Location If Different From Surface

UL or lot no.	A	Section	15	Township	25 S	Range	31 E	Lot Ida		Feet from the	330	North/South line		Feet from the	330	East/West line		County	EDDY
¹² Dedicated Acres		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.													
320																			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the Division.

Operator Certification	Surveyor Certification	Well Location
<p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the well owner.</p> <p>Date: <u>10/10/2017</u></p> <p>Signature: <u>Linda Good</u></p> <p>Printed Name: Linda Good</p> <p>E-mail Address: linda.good@dyn.com</p>	<p>I SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that such same are true and correct to the best of my knowledge.</p> <p>Date of Survey: <u>JUNE 11, 2017</u></p> <p>Certificate Number: <u>HI 1100 F. JARAPILLO, PLS 12797</u></p>	<p>NE CORNER SEC. 15 LAT. = 32.1370627N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>E CORNER SEC. 15 LAT. = 32.1370627N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>SE CORNER SEC. 15 LAT. = 32.1370627N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>SW CORNER SEC. 15 LAT. = 32.1370627N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>NE CORNER SEC. 22 LAT. = 32.1370627N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>E CORNER SEC. 22 LAT. = 32.1370627N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>SE CORNER SEC. 22 LAT. = 32.1370627N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>SW CORNER SEC. 22 LAT. = 32.1370627N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>NE CORNER SEC. 27 LAT. = 32.1082587N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>E CORNER SEC. 27 LAT. = 32.1082587N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>SE CORNER SEC. 27 LAT. = 32.1082587N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>SW CORNER SEC. 27 LAT. = 32.1082587N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>NE CORNER SEC. 27 LAT. = 32.1082587N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>E CORNER SEC. 27 LAT. = 32.1082587N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>SE CORNER SEC. 27 LAT. = 32.1082587N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>SW CORNER SEC. 27 LAT. = 32.1082587N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>NE CORNER SEC. 27 LAT. = 32.1082587N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>E CORNER SEC. 27 LAT. = 32.1082587N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>SE CORNER SEC. 27 LAT. = 32.1082587N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>SW CORNER SEC. 27 LAT. = 32.1082587N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>NE CORNER SEC. 27 LAT. = 32.1082587N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>E CORNER SEC. 27 LAT. = 32.1082587N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>SE CORNER SEC. 27 LAT. = 32.1082587N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>SW CORNER SEC. 27 LAT. = 32.1082587N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>NE CORNER SEC. 27 LAT. = 32.1082587N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>E CORNER SEC. 27 LAT. = 32.1082587N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>SE CORNER SEC. 27 LAT. = 32.1082587N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>SW CORNER SEC. 27 LAT. = 32.1082587N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>NE CORNER SEC. 27 LAT. = 32.1082587N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>E CORNER SEC. 27 LAT. = 32.1082587N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>SE CORNER SEC. 27 LAT. = 32.1082587N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>SW CORNER SEC. 27 LAT. = 32.1082587N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>NE CORNER SEC. 27 LAT. = 32.1082587N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>E CORNER SEC. 27 LAT. = 32.1082587N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>SE CORNER SEC. 27 LAT. = 32.1082587N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>SW CORNER SEC. 27 LAT. = 32.1082587N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>NE CORNER SEC. 27 LAT. = 32.1082587N LONG. = 103.7572047W N = 414352.1 E = 719654.53 MNSP EAST (FT) = 103.7572047W</p> <p>E CORNER SEC. 27 LAT. = 32.1082587</p>

PLAN VIEW

30' ACCESS ROAD

PROPOSED
TEMP. ROAD

LIMITS OF
EARTHWORK
3:1 SLOPE (TYP.)

A B

LUSITANO 27-15
FED COM 234H

C D E

CENTER POINT
COTTON DRAW UNIT
27-27 PAD 6

300'

300'

300'

F G H

COTTON DRAW UNIT
27-27 PAD 6
E.L. = 3336.0'

LIMITS OF
EARTHWORK
3:1 SLOPE (TYP.)

A LUSITANO 27-34/FED COM 216H
B LUSITANO 27-34/FED COM 758H
C LUSITANO 27-34/FED COM 626H
D LUSITANO 27-34/FED COM 718H
E LUSITANO 27-34/FED COM 336H
F LUSITANO 27-34/FED COM 528H
G LUSITANO 27-34/FED COM 536H
H LUSITANO 27-34/FED COM 235H

PLAINS BPL

EXISTING 20' CALICHE ROAD



DEVON ENERGY PRODUCTION COMPANY, L.P.
GRADING PLAN AND CROSS SECTIONS
LUSITANO 27-15 FED COM 234H
SECTION 27, TOWNSHIP 25 SOUTH,
RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

JUNE 19, 2017
301 SOUTH CANAL
(575) 234-3341
MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

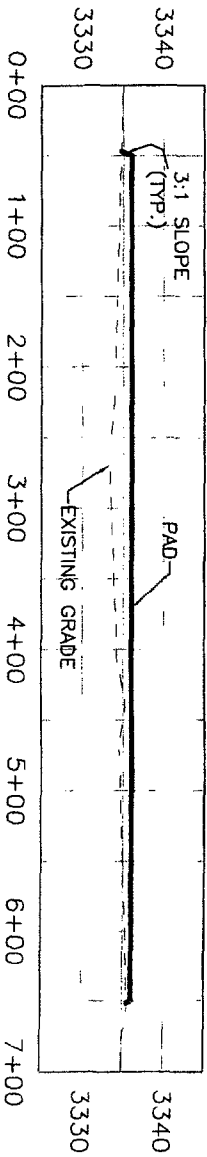
CUT	FILL	NET
1099 CU. YD.	8300 CU. YD.	8200 CU. YD. (FILL)

EARTHWORK QUANTITIES ARE ESTIMATED

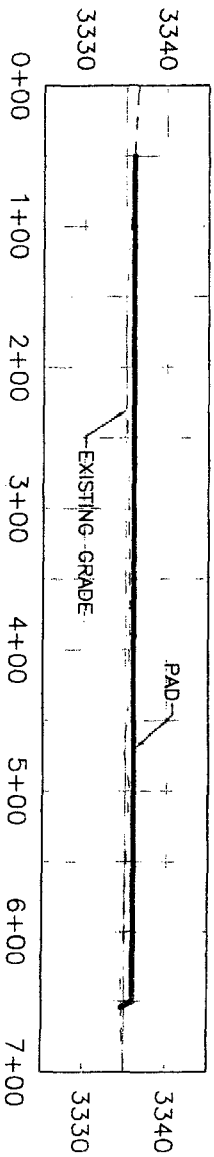
SHEET 1-2
SURVEY NO. 527441

CROSS SECTIONS

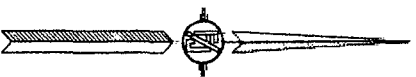
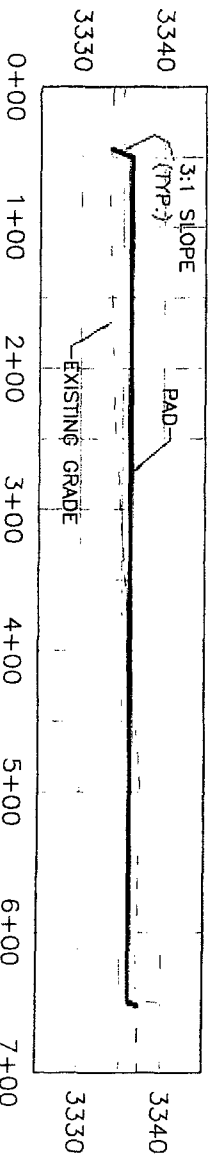
SECTION A-A



SECTION B-B



SECTION C-C



0 12 60 120 240
SCALE 1" = 120' - 1" = 20' VER

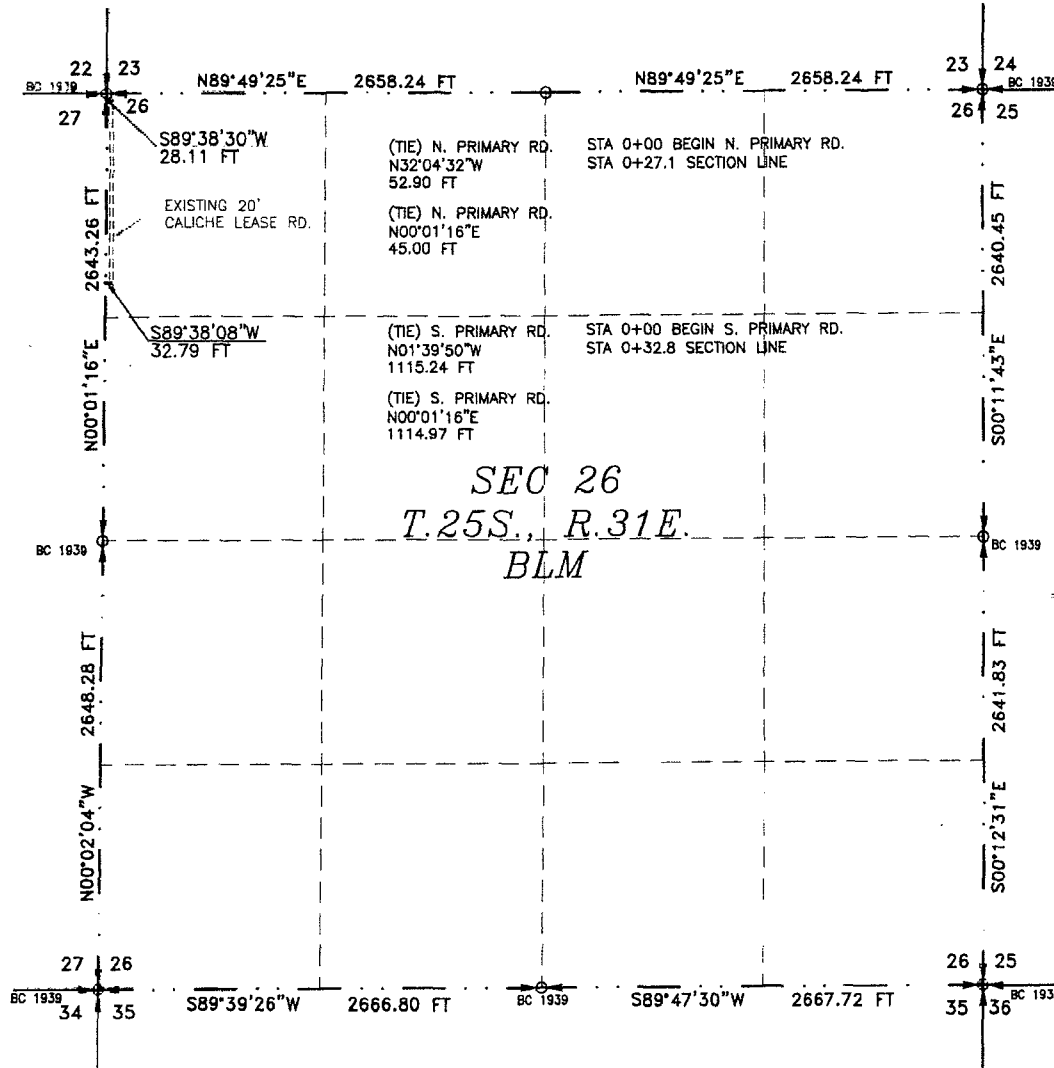
DEVON ENERGY PRODUCTION COMPANY L.P.
GRADING PLAN AND CROSS SECTIONS
LUSITANO 27-15 PED COM 284H
SECTION 27, TOWNSHIP 26 SOUTH,
RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

JUNE 19, 2017
MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

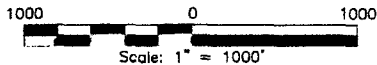
SHEET 2-2
SURVEY NO. 62744

ACCESS ROAD PLAT
ACCESS ROAD TO THE LUSITANO 27-15 FED COM 234H

DEVON ENERGY PRODUCTION COMPANY, L.P.
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
SECTION 26, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
JUNE 19, 2017



SEE NEXT SHEET (2-4) FOR DESCRIPTION



GENERAL NOTES

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 1-4

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 **CARLSBAD, NEW MEXICO**

SURVEYOR CERTIFICATE

I, FILMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 20 DAY OF JUNE 2017

FILMON F. JARAMILLO, P.S. 12797
MADRON SURVEYING, INC.
301 SOUTH CANAL
CARLSBAD, NEW MEXICO 88220
Phone (575) 234-3341

SURVEY NO. 5274A

ACCESS ROAD PLAT
ACCESS ROAD TO THE LUSITANO 27-15 FED COM 234H

DEVON ENERGY PRODUCTION COMPANY, L.P.
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
SECTION 26, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
JUNE 19, 2017

DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING BUREAU OF LAND MANAGEMENT LAND IN SECTION 26, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

NORTH PRIMARY ROAD

BEGINNING AT A POINT WITHIN THE NW/4 NW/4 OF SAID SECTION 26, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M., WHENCE THE NORTHWEST CORNER OF SAID SECTION 26, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M. BEARS N32°04'32"W, A DISTANCE OF 52.90 FEET;

THENCE S89°38'30"W A DISTANCE OF 28.11 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTHWEST CORNER OF SAID SECTION 26, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M. BEARS N00°01'16"E, A DISTANCE OF 45.00 FEET;

SAID STRIP OF LAND BEING 28.11 FEET OR 1.70 RODS IN LENGTH, CONTAINING 0.019 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NW/4 NW/4 28.11 L.F. 1.70 RODS 0.019 ACRES

SOUTH PRIMARY ROAD

BEGINNING AT A POINT WITHIN THE NW/4 NW/4 OF SAID SECTION 26, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M., WHENCE THE NORTHWEST CORNER OF SAID SECTION 26, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M. BEARS N01°39'50"W, A DISTANCE OF 1115.24 FEET;

THENCE S89°38'08"W A DISTANCE OF 32.79 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTHWEST CORNER OF SAID SECTION 26, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M. BEARS N00°01'16"E, A DISTANCE OF 1114.97 FEET;

SAID STRIP OF LAND BEING 32.79 FEET OR 1.99 RODS IN LENGTH, CONTAINING 0.023 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NW/4 NW/4 32.79 L.F. 1.99 RODS 0.023 ACRES

SURVEYOR CERTIFICATE

I, FILMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 20 DAY OF JUNE, 2017

[Signature of Filmon F. Jaramillo]
FILMON F. JARAMILLO, PLS 12797

MADRON SURVEYING, INC.
301 SOUTH CANAL
CARLSBAD, NEW MEXICO 88220
Phone (575) 234-3341

GENERAL NOTES

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 2-4

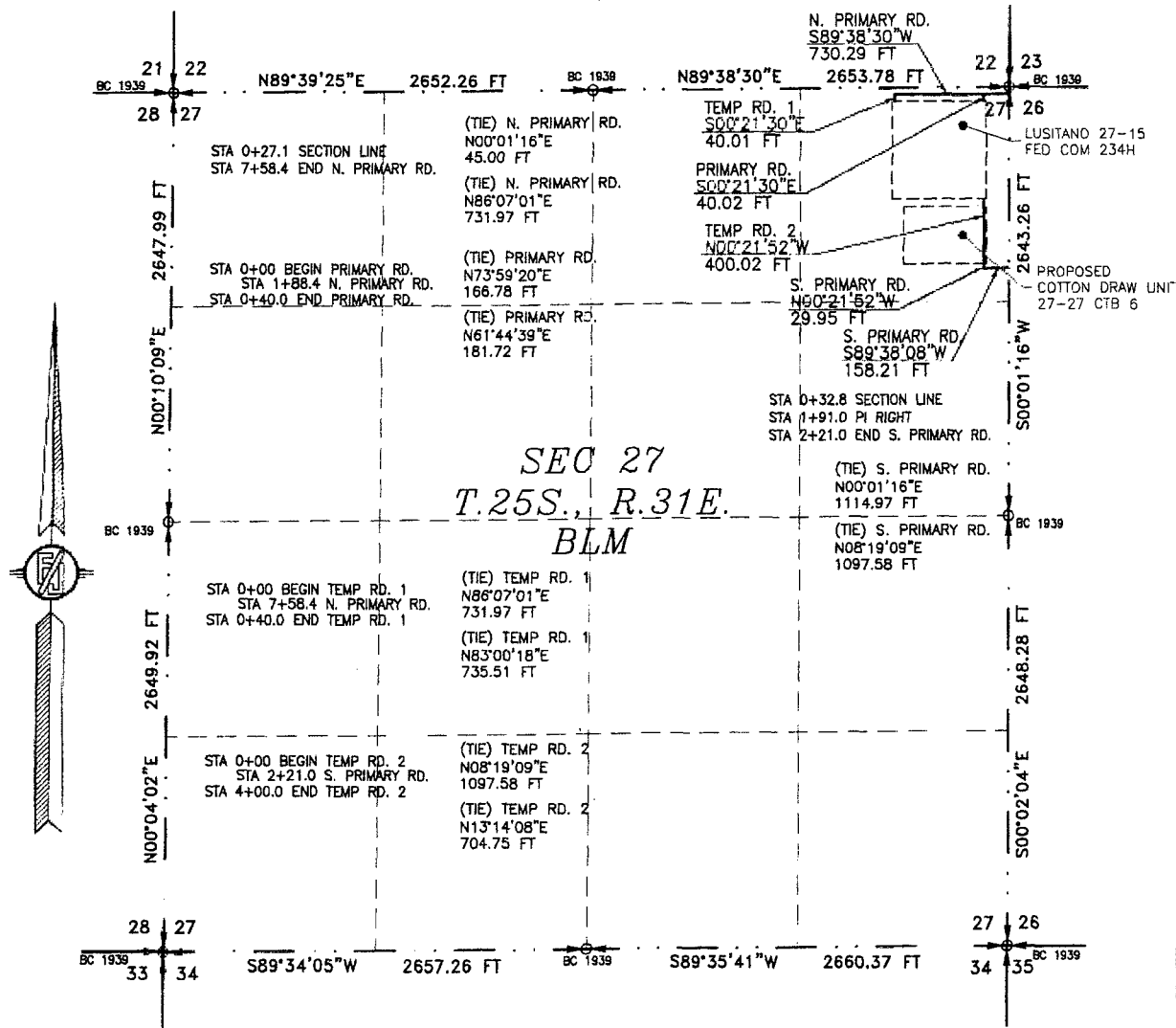
MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

SURVEY NO. 5274A

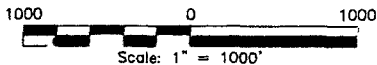
ACCESS ROAD PLAT

ACCESS ROAD TO THE LUSITANO 27-15 FED COM 234H

DEVON ENERGY PRODUCTION COMPANY, L.P.
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
SECTION 27, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
JUNE 19, 2017



SEE NEXT SHEET (4-4) FOR DESCRIPTION



GENERAL NOTES

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 3-4

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

SURVEYOR CERTIFICATE

I, FILMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,

NEW MEXICO, THIS 20 DAY OF JUNE 2017

[Signature]
FILMON F. JARAMILLO, PLS 12797

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301 SOUTH CANAL
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SURVEY NO. 5274A

ACCESS ROAD PLAT
ACCESS ROAD TO THE LUSITANO 27-15 FED COM 234H

DEVON ENERGY PRODUCTION COMPANY, L.P.
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
SECTION 27, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
JUNE 19, 2017

DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING BUREAU OF LAND MANAGEMENT LAND IN SECTION 27, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

NORTH PRIMARY ROAD

BEGINNING AT A POINT WITHIN THE NE/4 NE/4 OF SAID SECTION 27, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M., WHENCE THE NORTHEAST CORNER OF SAID SECTION 27, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M. BEARS N00°01'16"E, A DISTANCE OF 45.00 FEET; THENCE S89°38'30"W A DISTANCE OF 730.29 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTHEAST CORNER OF SAID SECTION 27, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M. BEARS N86°07'01"E, A DISTANCE OF 731.97 FEET;

SAID STRIP OF LAND BEING 730.29 FEET OR 44.26 RODS IN LENGTH, CONTAINING 0.503 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NE/4 NE/4 730.29 L.F. 44.26 RODS 0.503 ACRES

SOUTH PRIMARY ROAD

BEGINNING AT A POINT WITHIN THE NE/4 NE/4 OF SAID SECTION 27, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M., WHENCE THE NORTHEAST CORNER OF SAID SECTION 27, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M. BEARS N00°01'16"E, A DISTANCE OF 1114.97 FEET; THENCE S89°38'08"W A DISTANCE OF 158.21 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE N00°21'52"W A DISTANCE OF 29.95 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTHEAST CORNER OF SAID SECTION 27, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M. BEARS N08°19'09"E, A DISTANCE OF 1097.58 FEET;

SAID STRIP OF LAND BEING 188.16 FEET OR 11.40 RODS IN LENGTH, CONTAINING 0.130 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NE/4 NE/4 188.16 L.F. 11.40 RODS 0.130 ACRES

PRIMARY ROAD

BEGINNING AT A POINT WITHIN THE NE/4 NE/4 OF SAID SECTION 27, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M., WHENCE THE NORTHEAST CORNER OF SAID SECTION 27, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M. BEARS N73°59'20"E, A DISTANCE OF 166.78 FEET; THENCE S00°21'30"E A DISTANCE OF 40.02 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTHEAST CORNER OF SAID SECTION 27, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M. BEARS N61°44'39"E, A DISTANCE OF 181.72 FEET;

SAID STRIP OF LAND BEING 40.02 FEET OR 2.43 RODS IN LENGTH, CONTAINING 0.028 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NE/4 NE/4 40.02 L.F. 2.43 RODS 0.028 ACRES

TEMPORARY ROAD 1

BEGINNING AT A POINT WITHIN THE NE/4 NE/4 OF SAID SECTION 27, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M., WHENCE THE NORTHEAST CORNER OF SAID SECTION 27, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M. BEARS N86°07'01"E, A DISTANCE OF 731.97 FEET; THENCE S00°21'30"E A DISTANCE OF 40.01 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTHEAST CORNER OF SAID SECTION 27, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M. BEARS N83°00'18"E, A DISTANCE OF 735.51 FEET;

SAID STRIP OF LAND BEING 40.01 FEET OR 2.42 RODS IN LENGTH, CONTAINING 0.028 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NE/4 NE/4 40.01 L.F. 2.42 RODS 0.028 ACRES

TEMPORARY ROAD 2

BEGINNING AT A POINT WITHIN THE NE/4 NE/4 OF SAID SECTION 27, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M., WHENCE THE NORTHEAST CORNER OF SAID SECTION 27, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M. BEARS N08°19'09"E, A DISTANCE OF 1097.58 FEET; THENCE N00°21'52"W A DISTANCE OF 400.02 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTHEAST CORNER OF SAID SECTION 27, TOWNSHIP 25 SOUTH, RANGE 31 EAST, N.M.P.M. BEARS N13°14'08"E, A DISTANCE OF 704.75 FEET;

SAID STRIP OF LAND BEING 400.02 FEET OR 24.24 RODS IN LENGTH, CONTAINING 0.275 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NE/4 NE/4 400.02 L.F. 24.24 RODS 0.275 ACRES

SURVEYOR CERTIFICATE

I, FILMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 20 DAY OF JUNE 2017

Filmon F. Jaramillo
FILMON F. JARAMILLO, PLS., 12797
301 SOUTH CANAL
CARLSBAD, NEW MEXICO 88220
Phone (575) 234-3341

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GENERAL NOTES

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 4-4

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

SURVEY NO. 5274A

BLM Lease Number: NMNM16348

Company Reference: DEVON ENERGY PRODUCTION

Well Name & Number: LUSITANO 27-15 FED COM 234H

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. Special Stipulations:

Timing Limitation Stipulation / Condition of Approval for lesser prairie-chicken:

Oil and gas activities including 3-D geophysical exploration, and drilling 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, 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. Additionally, no new drilling will be allowed within up to 200 meters of leks known at the time of permitting. 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 feet from the source of the noise.

Below ground-level Abandoned Well Marker to avoid raptor perching: Upon the plugging and subsequent abandonment of the well, the well marker will be installed at below ground level on a plate containing the pertinent information for the plugged well. For more installation details, contact the Carlsbad Field Office at 575-234-5972.

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.

Temporary Fence Crossing Requirement

Where entry is granted across a fence line, the fence must be braced and tied off on both sides of the passageway with H-braces prior to cutting. Once the work is completed, the fence will be restored to its

prior condition, or better. The operator shall notify the private surface landowner or the grazing allotment holder prior to crossing any fences.

Cattle Guard Requirement

Where entry is granted across a fence line for an access road, the fence must be braced and tied off on both sides of the passageway with H-braces prior to cutting. Once the work is completed, the fence will be restored to its prior condition with an appropriately sized cattle guard sufficient to carry out the project. Any new or existing cattle guards on the access route shall be repaired or replaced if they are damaged or have deteriorated beyond practical use. The operator shall be responsible for the condition of the existing cattle guards that are in place and are utilized during lease operations. Once the road is abandoned, the fence would be restored to its prior condition, or better. The operator shall notify the private surface landowner or the grazing allotment holder prior to crossing any fences.

Livestock Watering Requirement

The operator must contact the allotment holder prior to construction to identify the location of the water pipelines. The operator must take measures to protect the pipelines from compression or other damages. If the water pipelines are damaged or compromised in any way near the proposed project as a result of oil and gas activity, the operator is responsible for repairing the water pipelines immediately. The operator must notify the BLM office (575-234-5972) and the private surface landowner or the grazing allotment holder if any damage occurs to structures that provide water to livestock.

During construction, the proponent shall minimize disturbance to existing fences, water lines, troughs, windmills, and other improvements on public lands. The proponent 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 grazing permittee/allottee prior to disturbing any range improvement projects. 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.

As stated above, the applicant through the CCA program contributes funds that are used for habitat restoration projects identified by USFWS and BLM. Although the CCA program may not fully mitigate for impacts to habitat at the project site, it complies with the BLM mitigation rule.

In May 2008, the Pecos District Special Status Species Resource Management Plan Amendment (RMPA) was approved and is being implemented. In addition to the standard practices that minimize impacts, as listed above, the following COA will apply:

- Timing Limitation Stipulation / Condition of Approval for lesser prairie-chicken, to minimize noise associated impacts which could disrupt breeding and nesting activities.
- Upon abandonment, a low profile abandoned well marker will be installed to prevent raptor perching.

Power lines shall be constructed and designed in accordance to standards outlined in "Suggested Practices for Avian Protection on Power lines: The State of the Art in 2006" Edison Electric Institute, APLIC, and the California Energy Commission 2006. The holder shall assume the burden and expense of proving that pole designs not shown in the above publication deter raptor perching, roosting, and nesting. Such proof shall be provided by a raptor expert approved by the Authorized Officer. The BLM reserves the right to require modification or additions to all power line structures placed on this right-of-way, should they be necessary to ensure the safety of large perching birds. The holder without liability or expense shall make such modifications and/or additions to the United States.

The presence of short-eared owls is a surprising and scientifically interesting incident. The preparation and construction of CDU 34-34 pad and CTB #1 and CDU 27-27 pad and CTB #1 should be delayed until after September to allow confirmation and documentation of the nesting status.

Construction Mitigation

In order to mitigate the impacts from construction activities on cave and karst resources, the following Conditions of Approval will apply to this APD:

- In the event that any underground voids are encountered during construction activities, construction activities will be halted and the BLM will be notified immediately.
- No Blasting to prevent geologic structure instabilities.
- Pad Berming to minimize effects of any spilled contaminants.

Seed Mixture for LPC Sand/Shinnery Sites

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

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

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

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

*Pounds of pure live seed:

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