

Submit 1 Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-103
 Revised August 1, 2011

WELL API NO.	30-025-46476
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	CHINCOTEAGUE 8 32 FEDERAL STATE COM
8. Well Number	#524H
9. OGRID Number	6137
10. Pool name or Wildcat	; WC-025 G-06 S253206M; BONE SPRING

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator	Devon Energy Production Company, L.P.
3. Address of Operator	333 West Sheridan, Oklahoma City, OK 73102
4. Well Location	
Unit Letter <u>H</u> ; <u>2313</u> feet from the <u>North</u> line and <u>725</u> feet from the <u>East</u> line	
Section <u>8</u> Township <u>25S</u> Range <u>32E</u> NMPM County <u>LEA</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	GL: 3438

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☒
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

PLEASE SEE ATTACHED BLM APPROVAL. Procedure Description: BHL CHANGE Devon Energy Production Co., L.P. (Devon) respectfully requests to move the BHL on the subject well. Please see attached revised C102, Drill plan, directional plan.

Permitted BHL: A(NENE), 20 FNL, 1040 FEL, 32-24S-32E

Proposed BHL: B(NWNE), 20 FNL, 2090 FEL, 32-24S-32E

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Jenny Harms TITLE Regulatory Specialist DATE 3/2/2021

Type or print name Jenny Harms E-mail address: jenny.harms@dvn.com PHONE: 405-552-6560
For State Use Only

APPROVED BY: P Kautz TITLE _____ DATE 03/11/2021
 Conditions of Approval (if any): _____

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1,
2011
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-46476	² Pool Code 97899	³ Pool Name WC-025 G-06 S253206M; BONE SPRING
⁴ Property Code 326213	⁵ Property Name CHINCOTEAGUE 8-32 FED STATE COM	⁶ Well Number 524H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3438.0

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	8	25 S	32 E		2313	NORTH	725	EAST	LEA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	32	24 S	32 E		20	NORTH	2090	EAST	LEA

¹² Dedicated Acres 800.84	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

	<p>¹⁷ OPERATOR CERTIFICATION</p> <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 division.</p> <p><i>Jenny Harms</i> 1-24-2021 Signature Date</p> <p>JENNY HARMS Printed Name</p> <p>JENNY.HARMS@DVN.COM E-mail Address</p> <p>¹⁸ 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 the same is true and correct to the best of my belief.</p> <p>DECEMBER 16, 2020 Date of Survey</p> <p><i>William F. Jaramila</i> Signature and Seal of Professional Surveyor</p> <p>Certificate Number: 12797 Surveyor No. 7009A</p>
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Intent ☒ As Drilled ☐

API #		
Operator Name: DEVON ENERGY PRODUCTION CO., L.P.	Property Name: CHINCOTEAGUE 8-32 FED STATE COM	Well Number 524H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
	8	25S	32E		2608 FNL		2090 FEL		LEA
Latitude 32.14485065					Longitude -103.69536000				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
H	8	25S	32E		2543	NORTH	2090	EAST	LEA
Latitude 32.1451326					Longitude 103.6953600				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
B	32	24S	32E		100	NORTH	2090	EAST	LEA
Latitude 32.1809040					Longitude 103.6949054				NAD 83

Is this well the defining well for the Horizontal Spacing Unit?

☐ NO

Is this well an infill well?

☐ YES

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

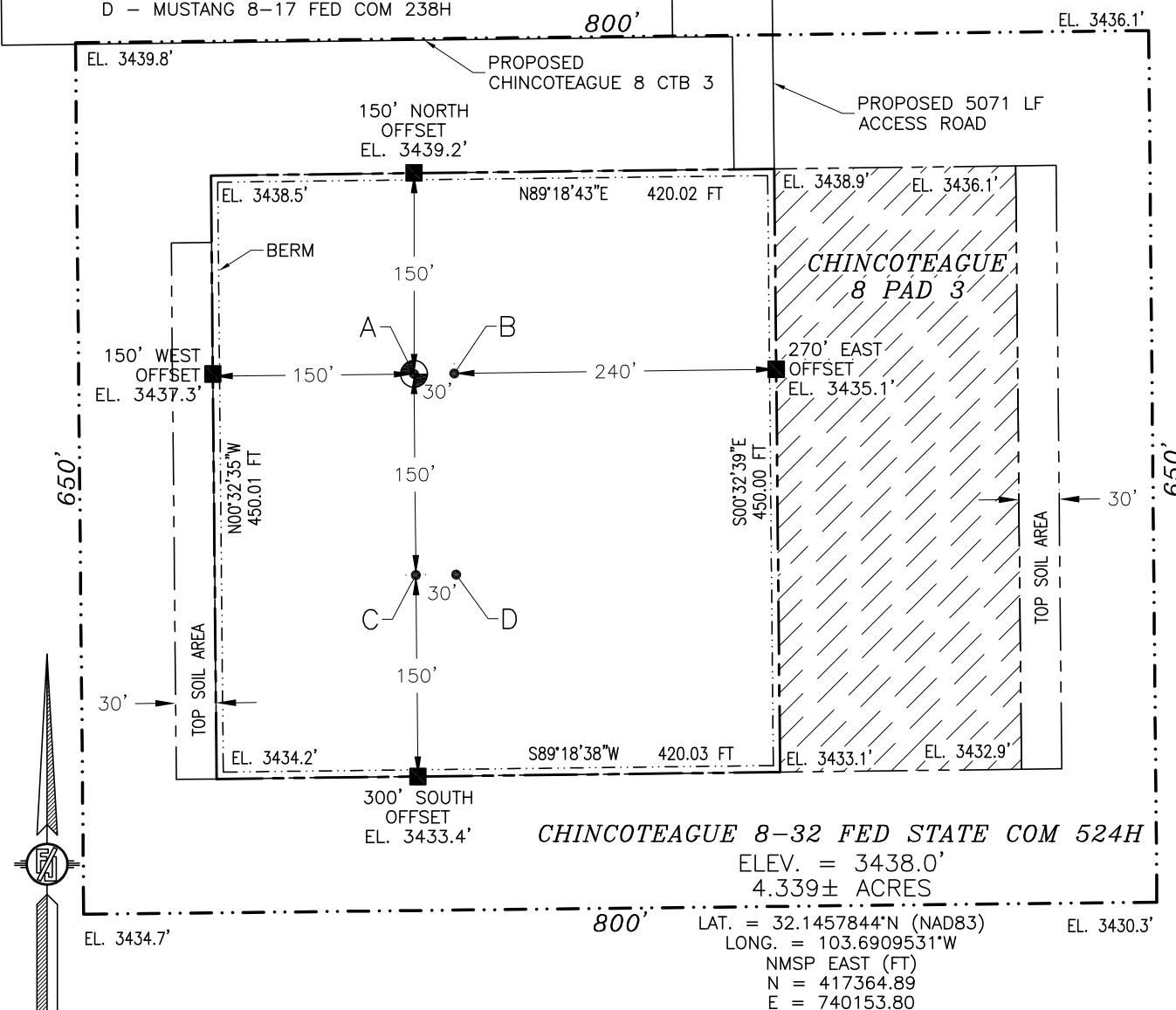
KZ 06/29/2018

SECTION 8, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

SITE MAP

- A - CHINCOTEAGUE 8-32 FED STATE COM 524H
- B - CHINCOTEAGUE 8-32 FED STATE COM 534H
- C - MUSTANG 8-17 FED COM 237H
- D - MUSTANG 8-17 FED COM 238H

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83) LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE. VERTICAL DATUM NAVD88.



012 60 120 240
SCALE 1" = 120'

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF STATE HIGHWAY 128 & CR 1 (ORLA) GO SOUTH ON CR 1 6.1 MILES TO MONSANTO ROAD, TURN RIGHT (WEST) GO 2.1 MILES, TURN RIGHT (NORTH) GO 1.0 MILE, NORTH ROAD TURNS LEFT (WEST) GO 200' TO A LEASE ROAD ON RIGHT (NORTH) TURN NORTH GO 0.7 OF A MILE TO ROAD LATHS ON RIGHT (EAST) GO 4422', TURN RIGHT GO SOUTH 649' TO NORTH EDGE OF PAD FOR THIS LOCATION.

I, FILMON F. JARAMILLO, NEW MEXICO PROFESSIONAL SURVEYOR, CERTIFY THAT I DIRECTED AND SUPERVISED FOR THIS SURVEY, THAT THIS SURVEY WAS CONDUCTED TO THE BEST OF MY KNOWLEDGE AND BELIEF AND THAT THE SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

FILMON F. JARAMILLO, 197

MADRONA SURVEYING, INC.

301 SOUTH CANAL
(575) 234-3341

CARLSBAD, NEW MEXICO

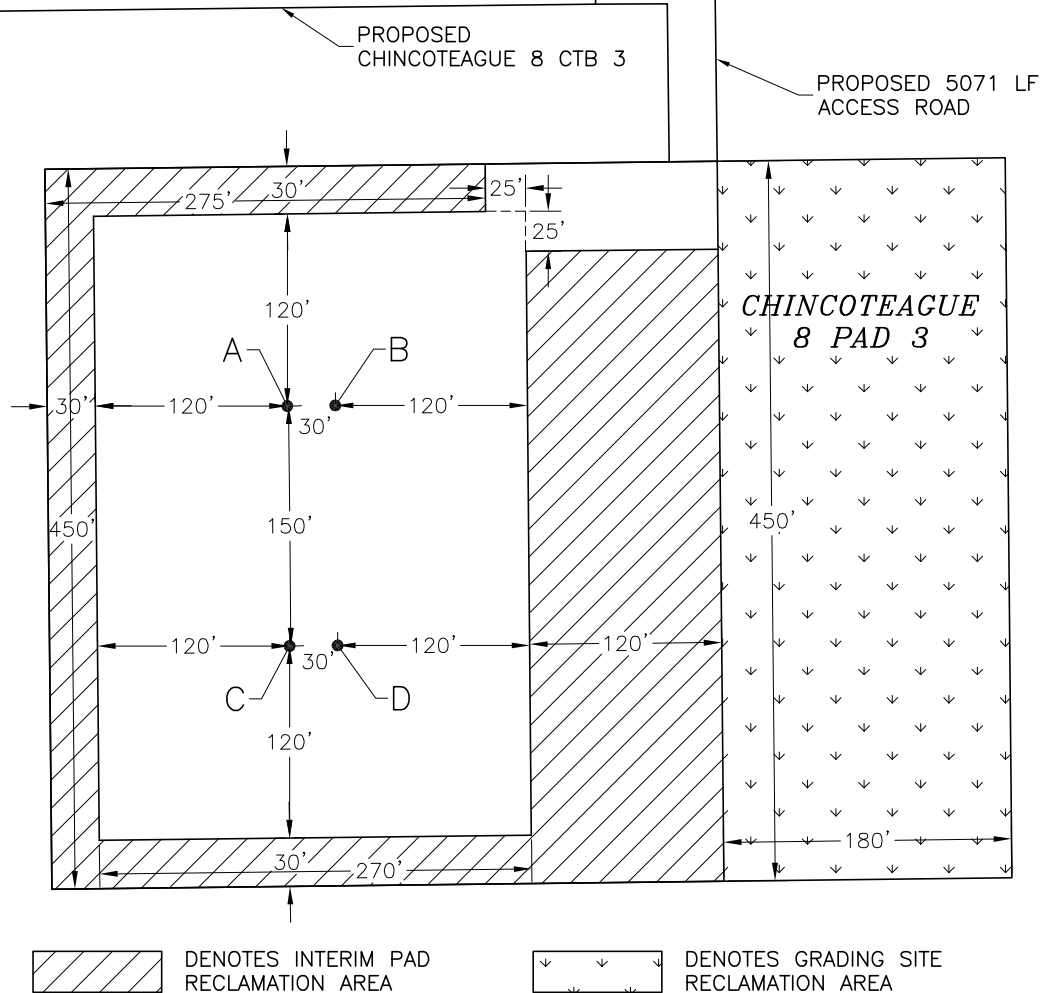
DEVON ENERGY PRODUCTION COMPANY, L.P.
CHINCOTEAGUE 8-32 FED STATE COM 524H
LOCATED 2313 FT. FROM THE NORTH LINE
AND 725 FT. FROM THE EAST LINE OF
SECTION 8, TOWNSHIP 25 SOUTH,
RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
LAND STATUS: BLM

DECEMBER 16, 2020

SURVEY NO. 7009A

SECTION 8, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
INTERIM SITE BUILD PLAN

- A - CHINCOTEAGUE 8-32 FED STATE COM 524H
B - CHINCOTEAGUE 8-32 FED STATE COM 534H
C - MUSTANG 8-17 FED COM 237H
D - MUSTANG 8-17 FED COM 238H



012 60 120 240
SCALE 1" = 120'

1.753± ACRES INTERIM PAD RECLAMATION AREA
1.859± ACRES GRADING SITE RECLAMATION AREA
2.586± ACRES NON-RECLAIMED AREA
6.198± ACRES CHINCOTEAGUE 8 PAD 3

DEVON ENERGY PRODUCTION COMPANY, L.P.
CHINCOTEAGUE 8-32 FED STATE COM 524H
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AND 725 FT. FROM THE EAST LINE OF
SECTION 8, TOWNSHIP 25 SOUTH,
RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
LAND STATUS: BLM

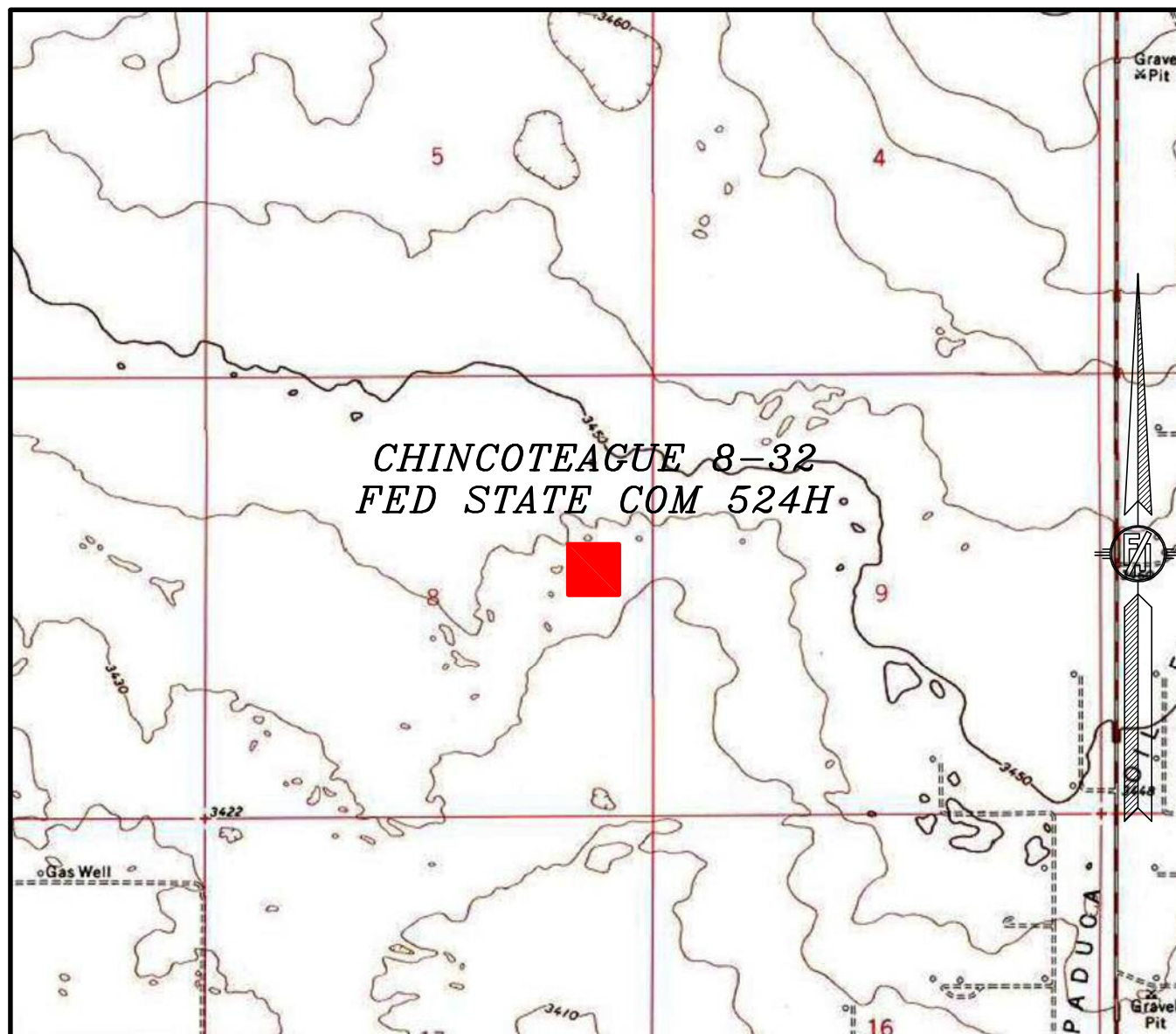
DECEMBER 16, 2020

SURVEY NO. 7009A

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

CARLSBAD, NEW MEXICO

SECTION 8, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
LOCATION VERIFICATION MAP



USGS QUAD MAP:
PADUCA BREAKS NW

NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.
CHINCOTEAGUE 8-32 FED STATE COM 524H

LOCATED 2313 FT. FROM THE NORTH LINE
AND 725 FT. FROM THE EAST LINE OF
SECTION 8, TOWNSHIP 25 SOUTH,
RANGE 32 EAST, N.M.P.M.

LEA COUNTY, STATE OF NEW MEXICO
LAND STATUS: BLM

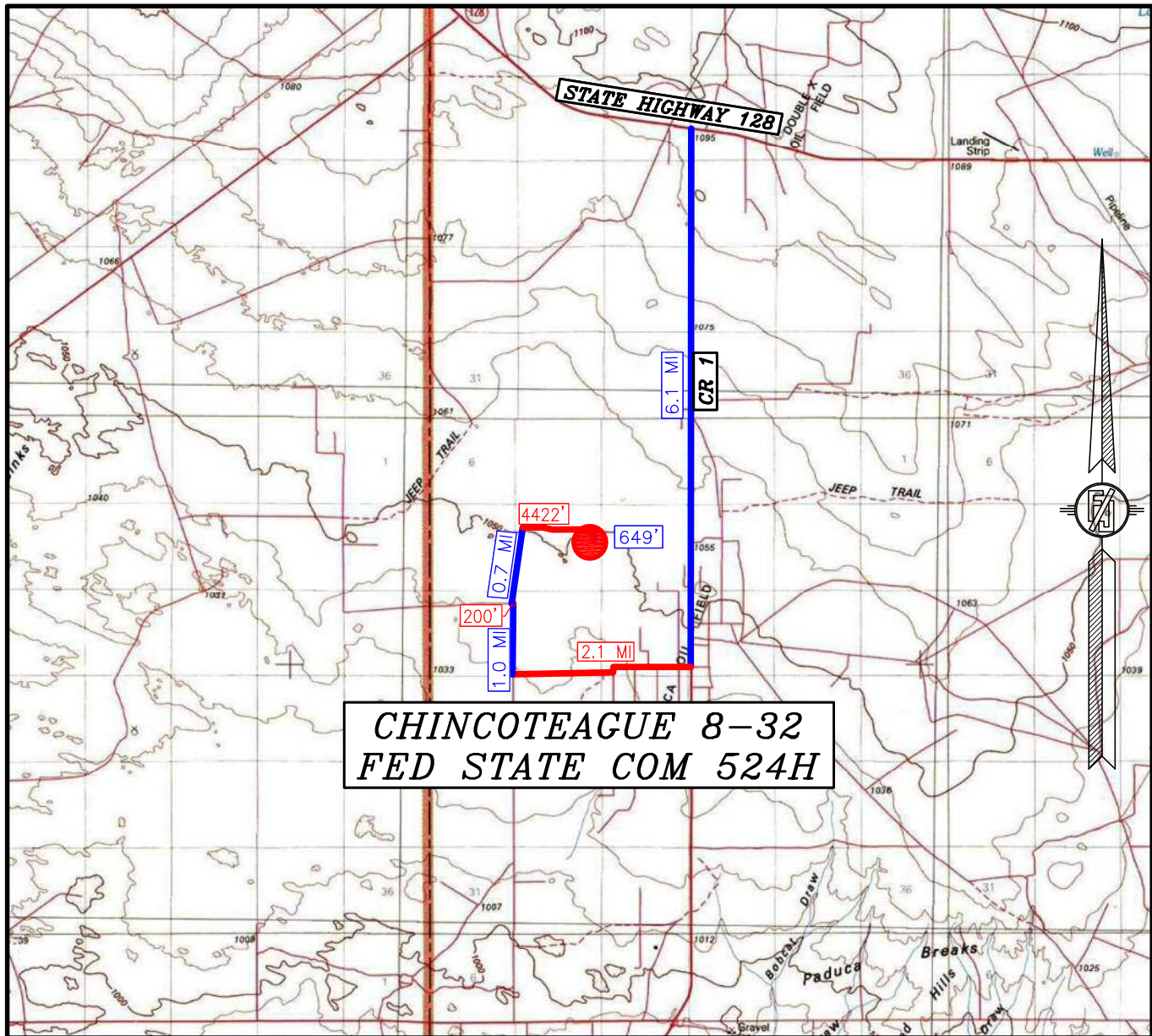
DECEMBER 16, 2020

MADRON SURVEYING, INC.

301 SOUTH CANAL
(575) 234-3341

SURVEY NO. 7009A
CARLSBAD, NEW MEXICO

SECTION 8, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.
CHINCOTEAGUE 8-32 FED STATE COM 524H

LOCATED 2313 FT. FROM THE NORTH LINE

AND 725 FT. FROM THE EAST LINE OF

SECTION 8, TOWNSHIP 25 SOUTH,

RANGE 32 EAST, N.M.P.M.

LEA COUNTY, STATE OF NEW MEXICO

LAND STATUS: BLM

DECEMBER 16, 2020

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF STATE HIGHWAY 128 & CR 1 (ORLA) GO SOUTH ON CR 1 6.1 MILES TO MONSANTO ROAD, TURN RIGHT (WEST) GO 2.1 MILES, TURN RIGHT (NORTH) GO 1.0 MILE, NORTH ROAD TURNS LEFT (WEST) GO 200' TO A LEASE ROAD ON RIGHT (NORTH) TURN NORTH GO 0.7 OF A MILE TO ROAD LATHS ON RIGHT (EAST) GO 4422', TURN RIGHT GO SOUTH 649' TO NORTH EDGE OF PAD FOR THIS LOCATION.

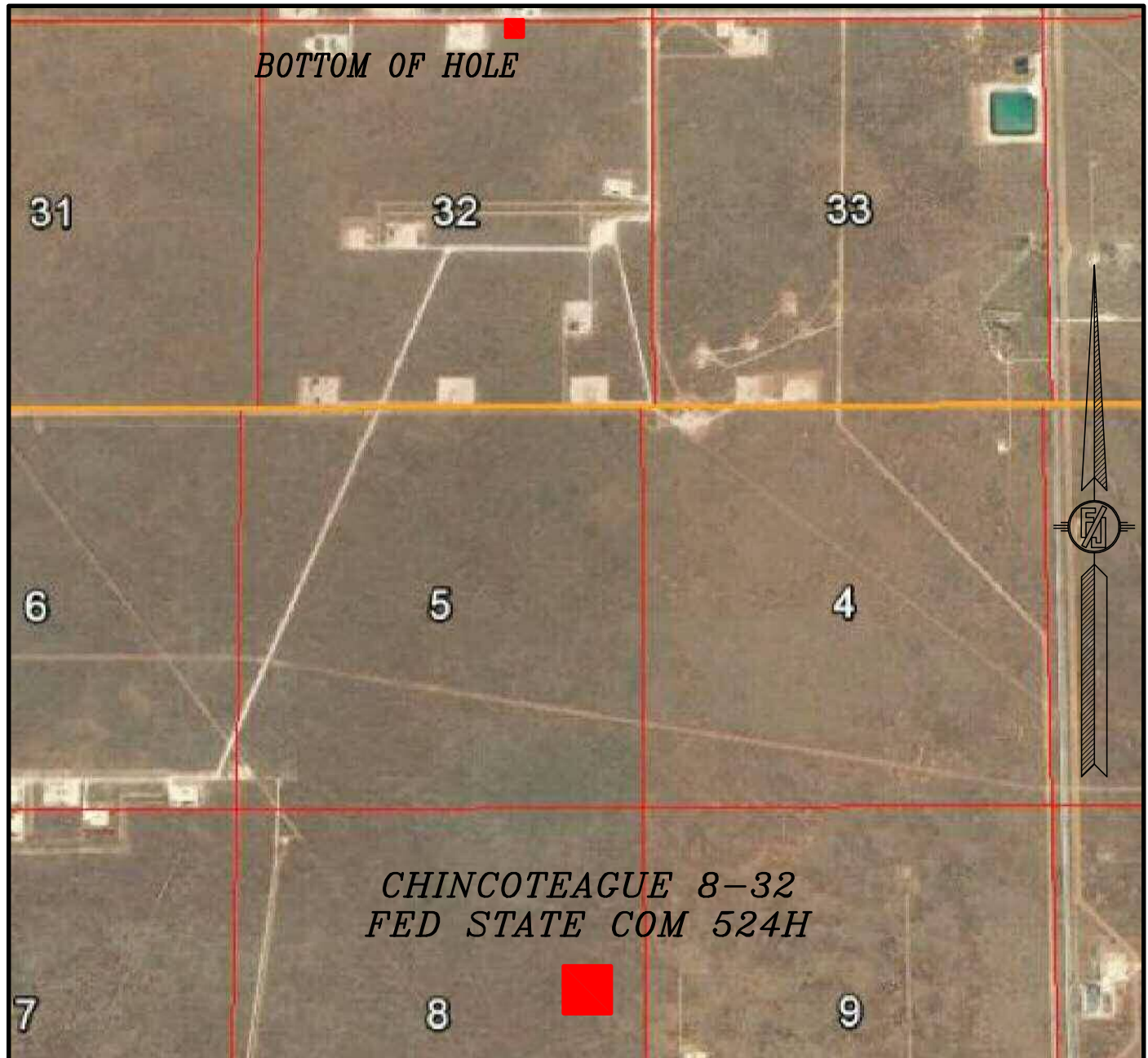
SURVEY NO. 7009A

MADRON SURVEYING, INC. 301 SOUTH CANAL

(575) 234-3341

CARLSBAD, NEW MEXICO

SECTION 8, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
AERIAL PHOTO



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
NOVEMBER 2017

DEVON ENERGY PRODUCTION COMPANY, L.P.
CHINCOTEAGUE 8-32 FED STATE COM 524H

LOCATED 2313 FT. FROM THE NORTH LINE
AND 725 FT. FROM THE EAST LINE OF
SECTION 8, TOWNSHIP 25 SOUTH,
RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
LAND STATUS: BLM

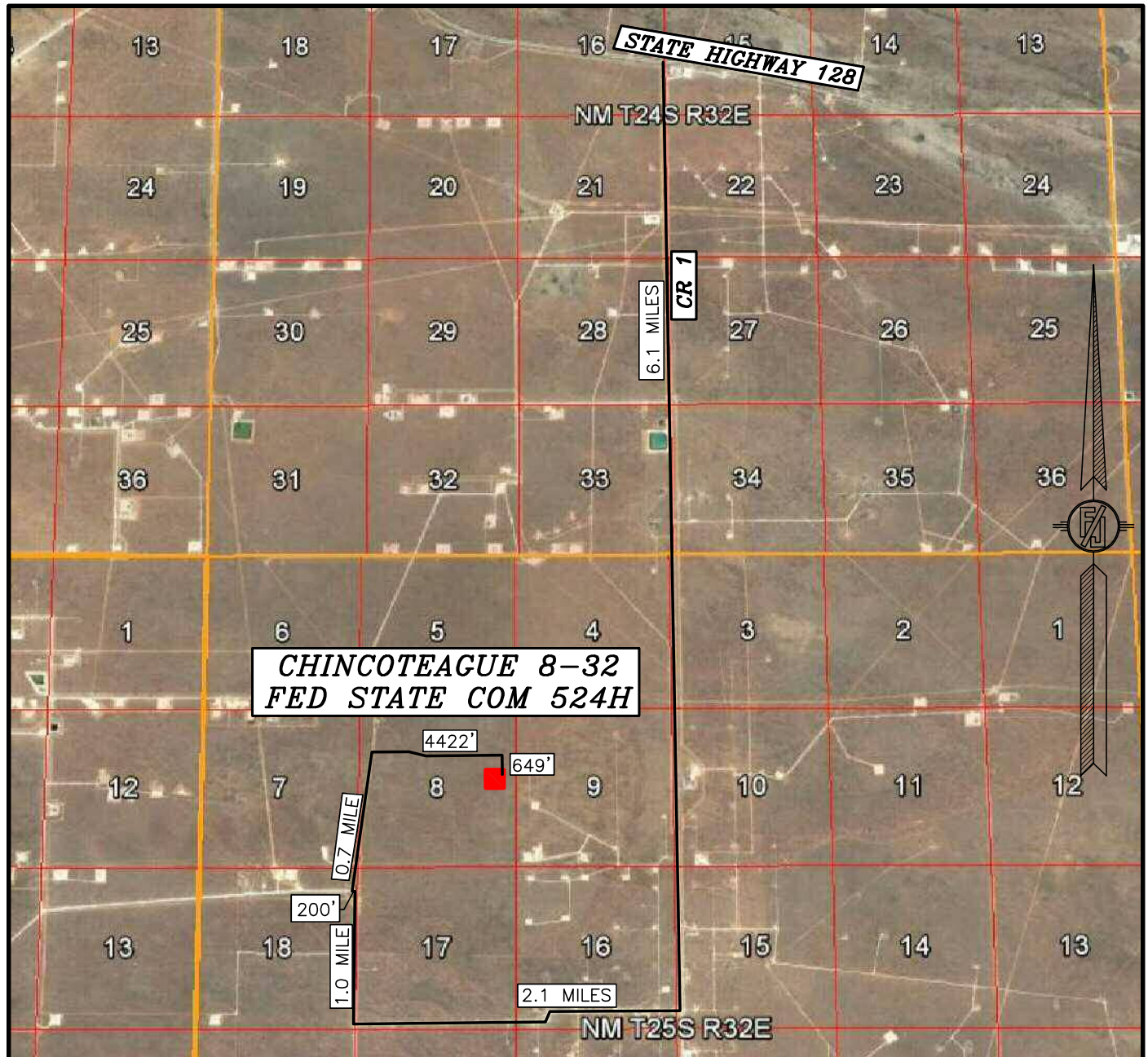
DECEMBER 16, 2020

SURVEY NO. 7009A

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

CARLSBAD, NEW MEXICO

SECTION 8, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
ACCESS AERIAL ROUTE MAP



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
NOVEMBER 2017

DEVON ENERGY PRODUCTION COMPANY, L.P.
CHINCOTEAGUE 8-32 FED STATE COM 524H
LOCATED 2313 FT. FROM THE NORTH LINE
AND 725 FT. FROM THE EAST LINE OF
SECTION 8, TOWNSHIP 25 SOUTH,
RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
LAND STATUS: BLM

DECEMBER 16, 2020

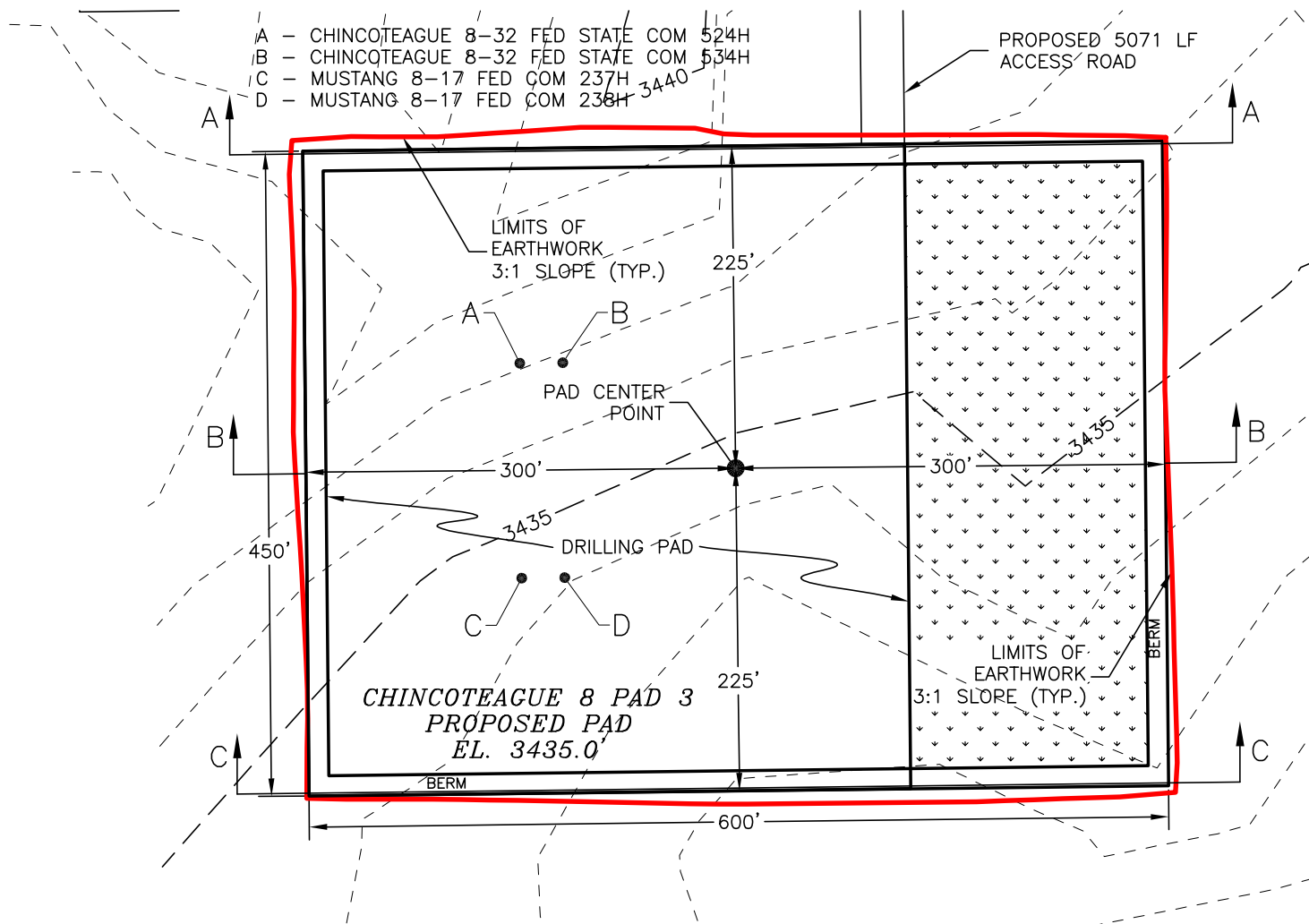
SURVEY NO. 7009A

MADRON SURVEYING, INC.

301 SOUTH CANAL
(575) 234-3341

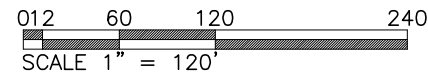
CARLSBAD, NEW MEXICO

PLAN VIEW



I, FILIMON F. JARAMILLO, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THE SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

DEVON ENERGY PRODUCTION COMPANY, L.P.
 GRADING PLAN AND CROSS SECTIONS
 FOR CHINCOTEAGUE 8-32 FED STATE COM 524H
 SECTION 8, TOWNSHIP 25 SOUTH,
 RANGE 32 EAST, N.M.P.M.
 LEA COUNTY, STATE OF NEW MEXICO



CUT	FILL	NET
8988 CU. YD	7308 CU. YD	1680 CU. YD (CUT)

EARTHWORK QUANTITIES ARE ESTIMATED

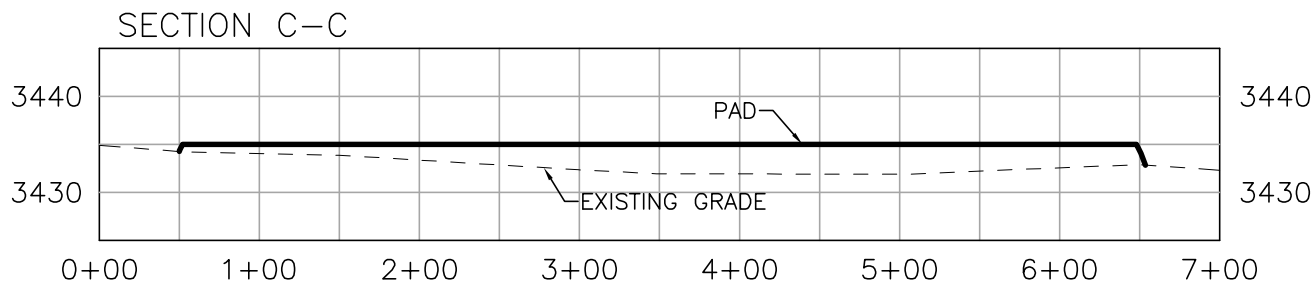
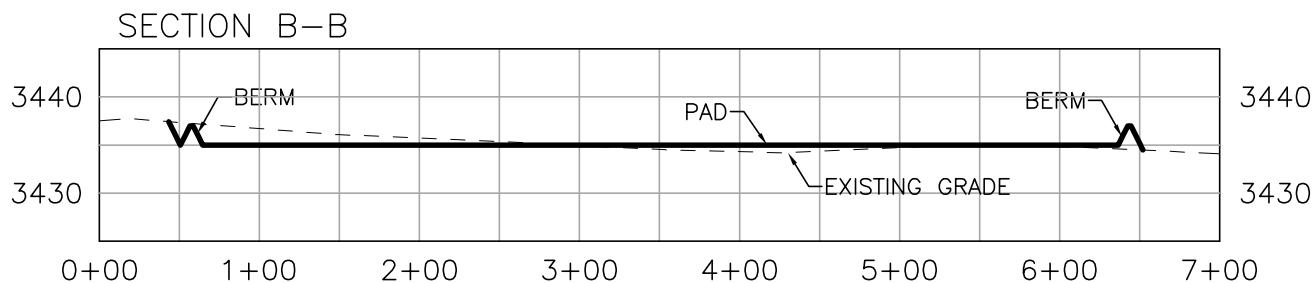
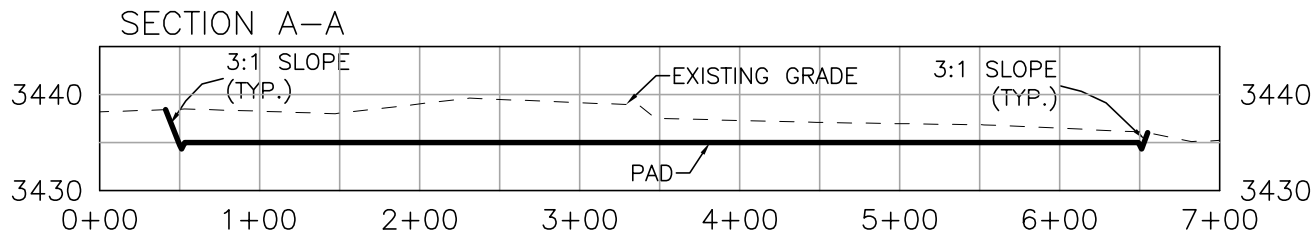
FILIMON F. JARAMILLO, DECEMBER 16, 2020

DECEMBER 16, 2020

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO

SHEET 1-2
 SURVEY NO. 7009A

CROSS SECTIONS



I, FILIMON F. JARAMILLO, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THE SURVEY AND PLAN MEET THE MINIMUM STANDARD FOR SURVEYING IN NEW MEXICO.

FILIMON F. JARAMILLO, DEC 2797

DEVON ENERGY PRODUCTION COMPANY, L.P.
GRADING PLAN AND CROSS SECTIONS
FOR CHINCOTEAGUE 8-32 FED STATE COM 524H
SECTION 8, TOWNSHIP 25 SOUTH,
RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

DECEMBER 16, 2020

301 SOUTH CANAL
(575) 234-3341

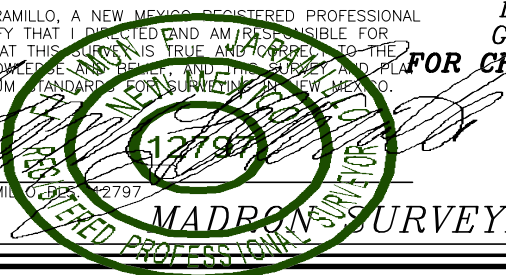
CARLSBAD, NEW MEXICO

012 60 120 240
SCALE 1" = 120' - 1" = 20' VER

CUT	FILL	NET
8988 CU. YD	7308 CU. YD	1680 CU. YD (CUT)

EARTHWORK QUANTITIES ARE ESTIMATED

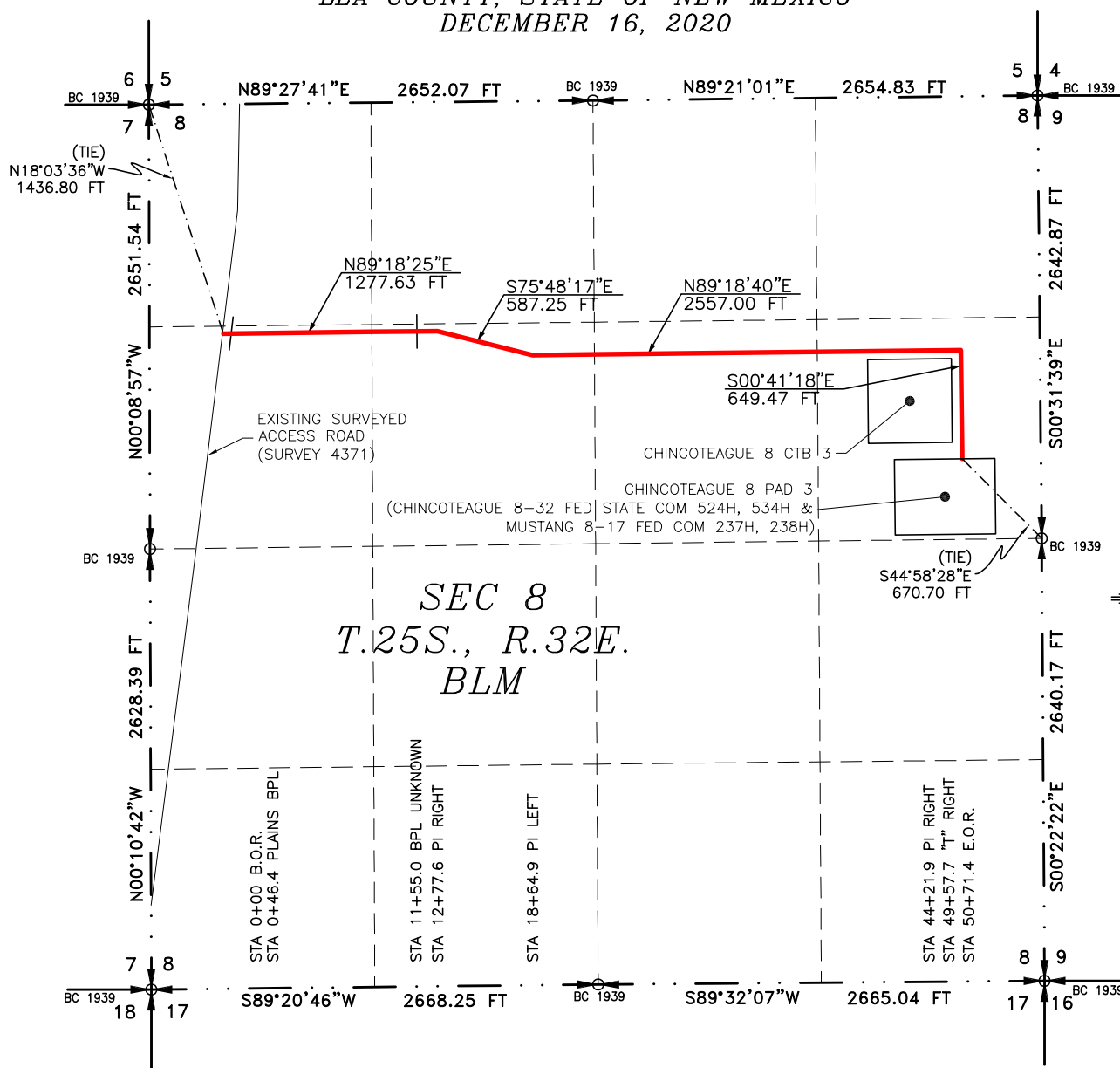
SHEET 2-2
SURVEY NO. 7009A



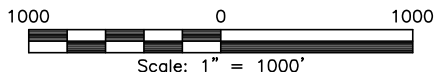
ACCESS ROAD PLAT (AA000213614)

ACCESS ROAD TO THE CHINCOTEAGUE 8 PAD 3 (CHINCOTEAGUE 8-32 FED STATE COM 524H, 534H & MUSTANG 8-17 FED COM 237H, 238H)

DEVON ENERGY PRODUCTION COMPANY, L.P.
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
SECTION 8, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
DECEMBER 16, 2020



SEE NEXT SHEET (2-2) 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: 1-2

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

SURVEYOR CERTIFICATE

I, FILIMON 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 17 DAY OF DECEMBER 2020

FILIMON F. JARAMILLO PLS. 12797

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

SURVEY NO. 7009A

ACCESS ROAD PLAT (AA000213614)

ACCESS ROAD TO THE CHINCOTEAGUE 8 PAD 3 (CHINCOTEAGUE 8-32 FED STATE COM 524H, 534H & MUSTANG 8-17 FED COM 237H, 238H)

**DEVON ENERGY PRODUCTION COMPANY, L.P.
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
SECTION 8, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
DECEMBER 16, 2020**

DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING BUREAU OF LAND MANAGEMENT LAND IN SECTION 8, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M., LEA COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN THE SW/4 NW/4 OF SAID SECTION 8, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M., WHENCE THE NORTHWEST CORNER OF SAID SECTION 8, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M. BEARS N18°03'36"W, A DISTANCE OF 1436.80 FEET;
THENCE N89°18'25"E A DISTANCE OF 1277.63 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE S75°48'17"E A DISTANCE OF 587.25 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N89°18'40"E A DISTANCE OF 2557.00 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE S00°41'18"E A DISTANCE OF 649.47 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE EAST QUARTER CORNER OF SAID SECTION 8, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M. BEARS S44°58'28"E, A DISTANCE OF 670.70 FEET;

SAID STRIP OF LAND BEING 5071.35 FEET OR 307.35 RODS IN LENGTH, CONTAINING 3.492 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SW/4 NW/4	886.44 L.F.	53.72 RODS	0.610 ACRES
SE/4 NW/4	1347.10 L.F.	81.64 RODS	0.928 ACRES
SW/4 NE/4	1329.91 L.F.	80.60 RODS	0.916 ACRES
SE/4 NE/4	1507.90 L.F.	91.39 RODS	1.038 ACRES

SURVEYOR CERTIFICATE

I, FILIMON 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 17 DAY OF DECEMBER 2020

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: 2-2

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

SURVEY NO. 7009A

Chincoteague 8-32 Fed State Com 524H

1. Geologic Formations

TVD of target	9073	Pilot hole depth	N/A
MD at TD:	22161	Deepest expected fresh water	

Basin

Formation	Depth (TVD) from KB	Water/Mineral Bearing/Target Zone?	Hazards*
Rustler	770		
Salado	1050		
Top of Salt	1075		
Base of Salt	4420		
Lamar	4650		
Bell Canyon	4690		
Cherry Canyon	5570		
Brushy Canyon	6980		
Bone Spring Lime	8530		
Leonard	8620		

*H2S, water flows, loss of circulation, abnormal pressures, etc.

Chincoteague 8-32 Fed State Com 524H

2. Casing Program

Hole Size	Csg. Size	Wt (PPF)	Grade	Conn	Casing Interval		Casing Interval	
					From (MD)	To (MD)	From (TVD)	To (TVD)
17 1/2	13 3/8	48	H40	BTC	0	795	0	795
12 1/4	9 5/8	40	J-55	BTC	0	4520	0	4520
8 3/4	5 1/2	17	P110	BTC	0	22161	0	9073

- All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 IILB.1.h Must have table for contingency casing.

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3. Cementing Program (3-String Primary Design)

Casing	# Sks	TOC	Wt. (lb/gal)	Yld (ft ³ /sack)	Slurry Description
Surface	614	Surf	13.2	1.4	Lead: Class C Cement + additives
Int 1	493	Surf	9.0	3.3	Lead: Class C Cement + additives
	154	500' above shoe	13.2	1.4	Tail: Class H / C + additives
Int 1 Intermediate Squeeze	As Needed	Surf	9.0	3.3	Squeeze Lead: Class C Cement + additives
	493	Surf	9.0	3.3	Lead: Class C Cement + additives
	154	500' above shoe	13.2	1.4	Tail: Class H / C + additives
Production	397	500' tieback	9.0	3.3	Lead: Class H / C + additives
	2603	KOP	13.2	1.4	Tail: Class H / C + additives

If a DV tool is ran the depth(s) will be adjusted based on hole conditions and cement volumes will be adjusted proportionally. Slurry weights will be adjusted based on estimated fracture gradient of the formation. DV tool will be set a minimum of 50 feet below previous casing and a minimum of 200 feet above current shoe. If cement is not returned to surface during the primary cement job on the surface casing string, a planned top job will be conducted immediately after completion of the primary job.

Casing String	% Excess
Surface	50%
Intermediate	30%
Production	10%

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4. Pressure Control Equipment (Three String Design)

BOP installed and tested before drilling which hole?	Size?	Min. Required WP	Type	✓	Tested to:
Int 1	13-58"	5M	Annular	X	50% of rated working pressure
			Blind Ram	X	5M
			Pipe Ram		
			Double Ram	X	
			Other*		
Production	13-5/8"	5M	Annular	X	50% of rated working pressure
			Blind Ram	X	5M
			Pipe Ram		
			Double Ram	X	
			Other*		
			Annular (5M)		
			Blind Ram		
			Pipe Ram		
			Double Ram		
			Other*		

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5. Mud Program (Three String Design)

Section	Type	Weight (ppg)
Surface	FW Gel	8.5-9
Intermediate	Brine	10-10.5
Production	WBM	8.5-9

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times.

What will be used to monitor the loss or gain of fluid?	PVT/Pason/Visual Monitoring
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6. Logging and Testing Procedures

Logging, Coring and Testing	
X	Will run GR/CNL from TD to surface (horizontal well - vertical portion of hole). Stated logs run will be in the Completion Report and submitted to the BLM.
	No logs are planned based on well control or offset log information.
	Drill stem test? If yes, explain.
	Coring? If yes, explain.

Additional logs planned		Interval
	Resistivity	
	Density	
X	CBL	Production casing
X	Mud log	KOP to TD
	PEX	

7. Drilling Conditions

Condition	Specify what type and where?
BH pressure at deepest TVD	4246
Abnormal temperature	No

Mitigation measure for abnormal conditions. Describe. Lost circulation material/sweeps/mud scavengers.

Hydrogen Sulfide (H₂S) monitors will be installed prior to drilling out the surface shoe. If H₂S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of Onshore Oil and Gas Order #6. If Hydrogen Sulfide is encountered measured values and formations will be provided to the BLM.

N	H ₂ S is present
Y	H ₂ S plan attached.

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8. Other facets of operation

Is this a walking operation? Potentially

- 1 If operator elects, drilling rig will batch drill the surface holes and run/cement surface casing; walking the rig to next wells on the pad.
- 2 The drilling rig will then batch drill the intermediate sections and run/cement intermediate casing; the wellbore will be isolated with a blind flange and pressure gauge installed for monitoring the well before walking to the next well.
- 3 The drilling rig will then batch drill the production hole sections on the wells with OBM, run/cement production casing, and install TA caps or tubing heads for completions.

NOTE: During batch operations the drilling rig will be moved from well to well however, it will not be removed from the pad until all wells have production casing run/cemented.

Will be pre-setting casing? Potentially

- 1 Spudder rig will move in and batch drill surface hole.
 - a. Rig will utilize fresh water based mud to drill surface hole to TD. Solids control will be handled entirely on a closed loop basis.
- 2 After drilling the surface hole section, the spudder rig will run casing and cement following all of the applicable rules and regulations (OnShore Order 2, all COAs and NMOCD regulations).
- 3 The wellhead will be installed and tested once the surface casing is cut off and the WOC time has been reached.
- 4 A blind flange with the same pressure rating as the wellhead will be installed to seal the wellbore. Pressure will be monitored with a pressure gauge installed on the wellhead.
- 5 Spudder rig operations is expected to take 4-5 days per well on a multi-well pad.
- 6 The NMOCD will be contacted and notified 24 hours prior to commencing spudder rig operations.
- 7 Drilling operations will be performed with drilling rig. At that time an approved BOP stack will be nipped up and tested on the wellhead before drilling operations commences on each well.
 - a. The NMOCD will be contacted / notified 24 hours before the drilling rig moves back on to the pad with the pre-set surface casing.

Attachments

X Directional Plan
 Other, describe

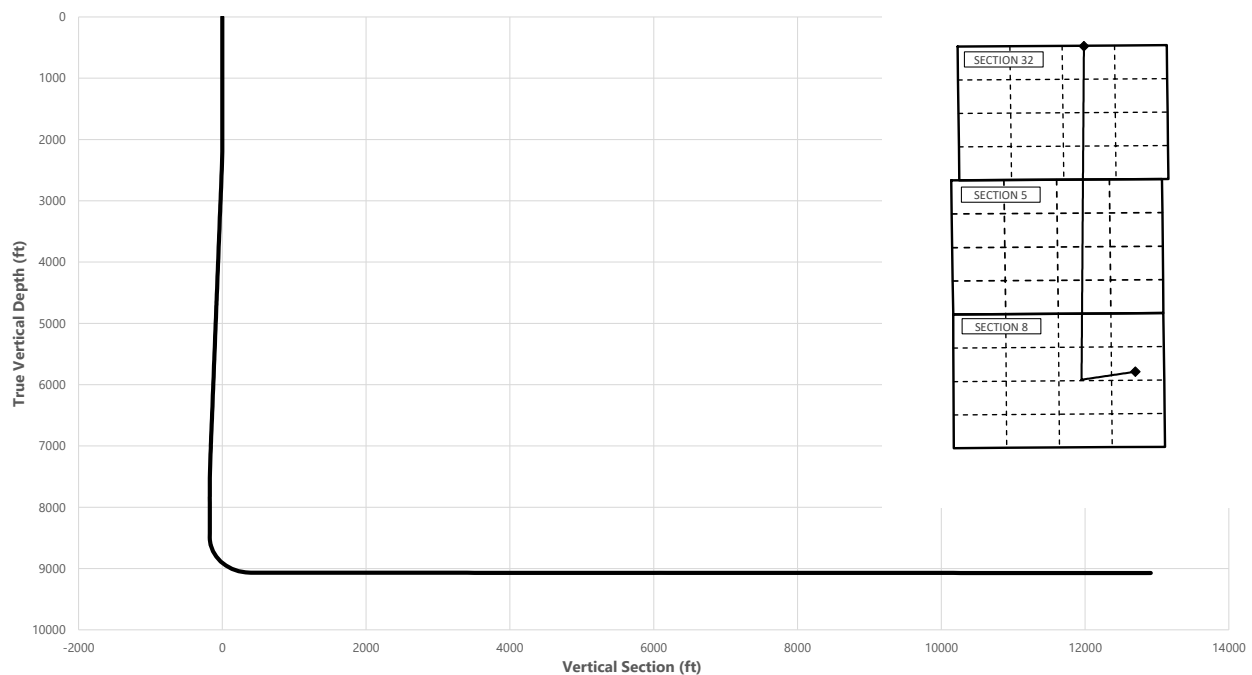
Chincoteague 8-32 Fed State Com 524H



Well: Chincoteague 8-32 Fed State Com 524H
County: Lea
Wellbore: Permit Plan
Design: Permit Plan #1

Geodetic System: US State Plane 1983
Datum: North American Datum 1927
Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL
2000.00	0.00	257.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2500.00	15.00	257.00	2494.31	-14.64	-63.41	-8.18	1.00	Hold Tangent
7260.81	15.00	257.00	7092.90	-291.82	-1264.02	-163.14	0.00	Drop to Vertical
8010.81	0.00	257.00	7834.36	-313.78	-1359.13	-175.42	2.00	Hold Vertical
8671.49	0.00	0.26	8495.04	-313.78	-1359.13	-175.42	0.00	KOP
9571.27	89.98	0.26	9068.00	258.94	-1356.54	394.14	10.00	Landing Point
22161.23	89.98	0.26	9073.00	12848.78	-1299.63	12914.34	0.00	BHL



Key Depths	MD (ft)	TVD (ft)
Rustler	0.00	0.00
Salado	1050.00	1050.00
Top of Salt	1075.00	1075.00
Base of Salt	4493.62	4420.00
Lamar	4731.74	4650.00
Bell Canyon	4773.15	4690.00
Cherry Canyon	5684.19	5570.00
Brushy Canyon	7143.93	6980.00
Bone Spring Lime	8706.47	8530.00
Leonard / Point of Penetration	8797.46	8620.00
Exit	22081.23	9072.99

SHL
KOP
Point of Penetration
Exit
BHL

MD (ft)	TVD (ft)	Lat (°)	Long (°)	Section Footages
0.00	0.00	32.1457	-103.6910	2313' FNL, 725' FEL of Sec 8 in T25S, R32E
8671.49	8495.04	32.1449	-103.6954	2608' FNL, 2090' FEL of Sec 8 in T25S, R32E
8797.46	8620.00	32.1451	-103.6954	2543' FNL, 2090' FEL of Sec 8 in T25S, R32E
22081.23	9072.99	32.1809	-103.6949	100' FNL, 2090' FEL of Sec 32 in T24S, R32E
22161.23	9073.00	32.1810	-103.6950	20' FNL, 2090' FEL of Sec 32 in T24S, R32E

Chincoteague 8-32 Fed State Com 524H



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Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL
100.00	0.00	257.00	100.00	0.00	0.00	0.00	0.00	
200.00	0.00	257.00	200.00	0.00	0.00	0.00	0.00	
300.00	0.00	257.00	300.00	0.00	0.00	0.00	0.00	
400.00	0.00	257.00	400.00	0.00	0.00	0.00	0.00	
500.00	0.00	257.00	500.00	0.00	0.00	0.00	0.00	
600.00	0.00	257.00	600.00	0.00	0.00	0.00	0.00	
700.00	0.00	257.00	700.00	0.00	0.00	0.00	0.00	
770.00	0.00	257.00	770.00	0.00	0.00	0.00	0.00	Rustler
800.00	0.00	257.00	800.00	0.00	0.00	0.00	0.00	
900.00	0.00	257.00	900.00	0.00	0.00	0.00	0.00	
1000.00	0.00	257.00	1000.00	0.00	0.00	0.00	0.00	
1050.00	0.00	257.00	1050.00	0.00	0.00	0.00	0.00	Salado
1075.00	0.00	257.00	1075.00	0.00	0.00	0.00	0.00	Top of Salt
1100.00	0.00	257.00	1100.00	0.00	0.00	0.00	0.00	
1200.00	0.00	257.00	1200.00	0.00	0.00	0.00	0.00	
1300.00	0.00	257.00	1300.00	0.00	0.00	0.00	0.00	
1400.00	0.00	257.00	1400.00	0.00	0.00	0.00	0.00	
1500.00	0.00	257.00	1500.00	0.00	0.00	0.00	0.00	
1600.00	0.00	257.00	1600.00	0.00	0.00	0.00	0.00	
1700.00	0.00	257.00	1700.00	0.00	0.00	0.00	0.00	
1800.00	0.00	257.00	1800.00	0.00	0.00	0.00	0.00	
1900.00	0.00	257.00	1900.00	0.00	0.00	0.00	0.00	
2000.00	0.00	257.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2100.00	3.00	257.00	2099.95	-0.59	-2.55	-0.33	3.00	
2200.00	6.00	257.00	2199.63	-2.35	-10.19	-1.32	3.00	
2300.00	9.00	257.00	2298.77	-5.29	-22.91	-2.96	3.00	
2400.00	12.00	257.00	2397.08	-9.39	-40.67	-5.25	3.00	
2500.00	15.00	257.00	2494.31	-14.64	-63.41	-8.18	1.00	Hold Tangent
2600.00	15.00	257.00	2590.90	-20.46	-88.63	-11.44	0.00	
2700.00	15.00	257.00	2687.49	-26.28	-113.85	-14.69	0.00	
2800.00	15.00	257.00	2784.09	-32.11	-139.06	-17.95	0.00	
2900.00	15.00	257.00	2880.68	-37.93	-164.28	-21.20	0.00	
3000.00	15.00	257.00	2977.27	-43.75	-189.50	-24.46	0.00	
3100.00	15.00	257.00	3073.86	-49.57	-214.72	-27.71	0.00	
3200.00	15.00	257.00	3170.46	-55.39	-239.94	-30.97	0.00	
3300.00	15.00	257.00	3267.05	-61.22	-265.16	-34.22	0.00	
3400.00	15.00	257.00	3363.64	-67.04	-290.38	-37.48	0.00	
3500.00	15.00	257.00	3460.23	-72.86	-315.59	-40.73	0.00	
3600.00	15.00	257.00	3556.83	-78.68	-340.81	-43.99	0.00	
3700.00	15.00	257.00	3653.42	-84.51	-366.03	-47.24	0.00	
3800.00	15.00	257.00	3750.01	-90.33	-391.25	-50.50	0.00	
3900.00	15.00	257.00	3846.60	-96.15	-416.47	-53.75	0.00	
4000.00	15.00	257.00	3943.20	-101.97	-441.69	-57.01	0.00	
4100.00	15.00	257.00	4039.79	-107.80	-466.91	-60.26	0.00	
4200.00	15.00	257.00	4136.38	-113.62	-492.12	-63.52	0.00	
4300.00	15.00	257.00	4232.97	-119.44	-517.34	-66.77	0.00	
4400.00	15.00	257.00	4329.57	-125.26	-542.56	-70.02	0.00	
4493.62	15.00	257.00	4420.00	-130.71	-566.17	-73.07	0.00	Base of Salt
4500.00	15.00	257.00	4426.16	-131.08	-567.78	-73.28	0.00	
4600.00	15.00	257.00	4522.75	-136.91	-593.00	-76.53	0.00	
4700.00	15.00	257.00	4619.34	-142.73	-618.22	-79.79	0.00	
4731.74	15.00	257.00	4650.00	-144.58	-626.22	-80.82	0.00	Lamar
4773.15	15.00	257.00	4690.00	-146.99	-636.66	-82.17	0.00	Bell Canyon
4800.00	15.00	257.00	4715.94	-148.55	-643.43	-83.04	0.00	
4900.00	15.00	257.00	4812.53	-154.37	-668.65	-86.30	0.00	
5000.00	15.00	257.00	4909.12	-160.20	-693.87	-89.55	0.00	
5100.00	15.00	257.00	5005.72	-166.02	-719.09	-92.81	0.00	
5200.00	15.00	257.00	5102.31	-171.84	-744.31	-96.06	0.00	
5300.00	15.00	257.00	5198.90	-177.66	-769.53	-99.32	0.00	
5400.00	15.00	257.00	5295.49	-183.48	-794.75	-102.57	0.00	
5500.00	15.00	257.00	5392.09	-189.31	-819.96	-105.83	0.00	
5600.00	15.00	257.00	5488.68	-195.13	-845.18	-109.08	0.00	
5684.19	15.00	257.00	5570.00	-200.03	-866.41	-111.82	0.00	Cherry Canyon
5700.00	15.00	257.00	5585.27	-200.95	-870.40	-112.34	0.00	
5800.00	15.00	257.00	5681.86	-206.77	-895.62	-115.59	0.00	
5900.00	15.00	257.00	5778.46	-212.60	-920.84	-118.85	0.00	
6000.00	15.00	257.00	5875.05	-218.42	-946.06	-122.10	0.00	
6100.00	15.00	257.00	5971.64	-224.24	-971.28	-125.36	0.00	
6200.00	15.00	257.00	6068.23	-230.06	-996.49	-128.61	0.00	

Chincoteague 8-32 Fed State Com 524H



Well: Chincoteague 8-32 Fed State Com 524H
County: Lea
Wellbore: Permit Plan
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Geodetic System: US State Plane 1983
Datum: North American Datum 1927
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Zone: 3001 - NM East (NAD83)

MD (ft)	INC (")	AZI (")	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
6300.00	15.00	257.00	6164.83	-235.88	-1021.71	-131.87	0.00	
6400.00	15.00	257.00	6261.42	-241.71	-1046.93	-135.12	0.00	
6500.00	15.00	257.00	6358.01	-247.53	-1072.15	-138.38	0.00	
6600.00	15.00	257.00	6454.60	-253.35	-1097.37	-141.63	0.00	
6700.00	15.00	257.00	6551.20	-259.17	-1122.59	-144.89	0.00	
6800.00	15.00	257.00	6647.79	-265.00	-1147.80	-148.14	0.00	
6900.00	15.00	257.00	6744.38	-270.82	-1173.02	-151.40	0.00	
7000.00	15.00	257.00	6840.97	-276.64	-1198.24	-154.65	0.00	
7100.00	15.00	257.00	6937.57	-282.46	-1223.46	-157.90	0.00	
7143.93	15.00	257.00	6980.00	-285.02	-1234.54	-159.33	0.00	Brushy Canyon
7200.00	15.00	257.00	7034.16	-288.28	-1248.68	-161.16	0.00	
7260.81	15.00	257.00	7092.90	-291.82	-1264.02	-163.14	0.00	Drop to Vertical
7300.00	14.22	257.00	7130.82	-294.04	-1273.65	-164.38	2.00	
7400.00	12.22	257.00	7228.17	-299.19	-1295.92	-167.25	2.00	
7500.00	10.22	257.00	7326.25	-303.56	-1314.87	-169.70	2.00	
7600.00	8.22	257.00	7424.96	-307.17	-1330.48	-171.71	2.00	
7700.00	6.22	257.00	7524.16	-309.99	-1342.72	-173.29	2.00	
7800.00	4.22	257.00	7623.74	-312.04	-1351.58	-174.44	2.00	
7900.00	2.22	257.00	7723.58	-313.30	-1357.04	-175.14	2.00	
8000.00	0.22	257.00	7823.55	-313.78	-1359.11	-175.41	2.00	
8010.81	0.00	257.00	7834.36	-313.78	-1359.13	-175.42	2.00	Hold Vertical
8100.00	0.00	0.26	7923.55	-313.78	-1359.13	-175.41	0.00	
8200.00	0.00	0.26	8023.55	-313.78	-1359.13	-175.41	0.00	
8300.00	0.00	0.26	8123.55	-313.78	-1359.13	-175.41	0.00	
8400.00	0.00	0.26	8223.55	-313.78	-1359.13	-175.41	0.00	
8500.00	0.00	0.26	8323.55	-313.78	-1359.13	-175.41	0.00	
8600.00	0.00	0.26	8423.55	-313.78	-1359.13	-175.41	0.00	
8671.49	0.00	0.26	8495.04	-313.78	-1359.13	-175.42	0.00	KOP
8700.00	2.85	0.26	8523.54	-313.07	-1359.13	-174.70	10.00	
8706.47	3.50	0.26	8530.00	-312.71	-1359.13	-174.35	10.00	Bone Spring Lime
8797.46	12.60	0.26	8620.00	-299.99	-1359.07	-161.69	10.00	Leonard / Point of Penetration
8800.00	12.85	0.26	8622.47	-299.43	-1359.07	-161.14	10.00	
8900.00	22.85	0.26	8717.54	-268.81	-1358.93	-130.69	10.00	
9000.00	32.85	0.26	8805.84	-222.16	-1358.72	-84.29	10.00	
9100.00	42.85	0.26	8884.71	-160.88	-1358.44	-23.35	10.00	
9200.00	52.85	0.26	8951.73	-86.83	-1358.10	50.28	10.00	
9300.00	62.85	0.26	9004.87	-2.27	-1357.72	134.37	10.00	
9400.00	72.85	0.26	9042.53	90.23	-1357.30	226.36	10.00	
9500.00	82.85	0.26	9063.55	187.86	-1356.86	323.46	10.00	
9571.27	89.98	0.26	9068.00	258.94	-1356.54	394.14	10.00	Landing Point
9600.00	89.98	0.26	9068.01	287.68	-1356.41	422.72	0.00	
9700.00	89.98	0.26	9068.05	387.68	-1355.96	522.17	0.00	
9800.00	89.98	0.26	9068.09	487.68	-1355.51	621.61	0.00	
9900.00	89.98	0.26	9068.13	587.68	-1355.06	721.06	0.00	
10000.00	89.98	0.26	9068.17	687.67	-1354.60	820.51	0.00	
10100.00	89.98	0.26	9068.21	787.67	-1354.15	919.95	0.00	
10200.00	89.98	0.26	9068.25	887.67	-1353.70	1019.40	0.00	
10300.00	89.98	0.26	9068.29	987.67	-1353.25	1118.84	0.00	
10400.00	89.98	0.26	9068.33	1087.67	-1352.80	1218.29	0.00	
10500.00	89.98	0.26	9068.37	1187.67	-1352.34	1317.73	0.00	
10600.00	89.98	0.26	9068.41	1287.67	-1351.89	1417.18	0.00	
10700.00	89.98	0.26	9068.45	1387.67	-1351.44	1516.63	0.00	
10800.00	89.98	0.26	9068.49	1487.67	-1350.99	1616.07	0.00	
10900.00	89.98	0.26	9068.53	1587.67	-1350.54	1715.52	0.00	
11000.00	89.98	0.26	9068.57	1687.66	-1350.08	1814.96	0.00	
11100.00	89.98	0.26	9068.61	1787.66	-1349.63	1914.41	0.00	
11200.00	89.98	0.26	9068.65	1887.66	-1349.18	2013.85	0.00	
11300.00	89.98	0.26	9068.69	1987.66	-1348.73	2113.30	0.00	
11400.00	89.98	0.26	9068.73	2087.66	-1348.27	2212.75	0.00	
11500.00	89.98	0.26	9068.77	2187.66	-1347.82	2312.19	0.00	
11600.00	89.98	0.26	9068.81	2287.66	-1347.37	2411.64	0.00	
11700.00	89.98	0.26	9068.85	2387.66	-1346.92	2511.08	0.00	
11800.00	89.98	0.26	9068.89	2487.66	-1346.47	2610.53	0.00	
11900.00	89.98	0.26	9068.93	2587.65	-1346.01	2709.98	0.00	
12000.00	89.98	0.26	9068.97	2687.65	-1345.56	2809.42	0.00	
12100.00	89.98	0.26	9069.01	2787.65	-1345.11	2908.87	0.00	
12200.00	89.98	0.26	9069.05	2887.65	-1344.66	3008.31	0.00	
12300.00	89.98	0.26	9069.09	2987.65	-1344.21	3107.76	0.00	
12400.00	89.98	0.26	9069.13	3087.65	-1343.75	3207.20	0.00	
12500.00	89.98	0.26	9069.17	3187.65	-1343.30	3306.65	0.00	

Chincoteague 8-32 Fed State Com 524H



Well: Chincoteague 8-32 Fed State Com 524H
County: Lea
Wellbore: Permit Plan
Design: Permit Plan #1

Geodetic System: US State Plane 1983
Datum: North American Datum 1927
Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD (ft)	INC (")	AZI (")	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
12600.00	89.98	0.26	9069.21	3287.65	-1342.85	3406.10	0.00	
12700.00	89.98	0.26	9069.25	3387.65	-1342.40	3505.54	0.00	
12800.00	89.98	0.26	9069.29	3487.65	-1341.95	3604.99	0.00	
12900.00	89.98	0.26	9069.33	3587.64	-1341.49	3704.43	0.00	
13000.00	89.98	0.26	9069.37	3687.64	-1341.04	3803.88	0.00	
13100.00	89.98	0.26	9069.41	3787.64	-1340.59	3903.33	0.00	
13200.00	89.98	0.26	9069.45	3887.64	-1340.14	4002.77	0.00	
13300.00	89.98	0.26	9069.49	3987.64	-1339.69	4102.22	0.00	
13400.00	89.98	0.26	9069.53	4087.64	-1339.23	4201.66	0.00	
13500.00	89.98	0.26	9069.57	4187.64	-1338.78	4301.11	0.00	
13600.00	89.98	0.26	9069.61	4287.64	-1338.33	4400.55	0.00	
13700.00	89.98	0.26	9069.65	4387.64	-1337.88	4500.00	0.00	
13800.00	89.98	0.26	9069.69	4487.64	-1337.43	4599.45	0.00	
13900.00	89.98	0.26	9069.73	4587.63	-1336.97	4698.89	0.00	
14000.00	89.98	0.26	9069.77	4687.63	-1336.52	4798.34	0.00	
14100.00	89.98	0.26	9069.80	4787.63	-1336.07	4897.78	0.00	
14200.00	89.98	0.26	9069.84	4887.63	-1335.62	4997.23	0.00	
14300.00	89.98	0.26	9069.88	4987.63	-1335.17	5096.68	0.00	
14400.00	89.98	0.26	9069.92	5087.63	-1334.71	5196.12	0.00	
14500.00	89.98	0.26	9069.96	5187.63	-1334.26	5295.57	0.00	
14600.00	89.98	0.26	9070.00	5287.63	-1333.81	5395.01	0.00	
14700.00	89.98	0.26	9070.04	5387.63	-1333.36	5494.46	0.00	
14800.00	89.98	0.26	9070.08	5487.63	-1332.91	5593.90	0.00	
14900.00	89.98	0.26	9070.12	5587.62	-1332.45	5693.35	0.00	
15000.00	89.98	0.26	9070.16	5687.62	-1332.00	5792.80	0.00	
15100.00	89.98	0.26	9070.20	5787.62	-1331.55	5892.24	0.00	
15200.00	89.98	0.26	9070.24	5887.62	-1331.10	5991.69	0.00	
15300.00	89.98	0.26	9070.28	5987.62	-1330.65	6091.13	0.00	
15400.00	89.98	0.26	9070.32	6087.62	-1330.19	6190.58	0.00	
15500.00	89.98	0.26	9070.36	6187.62	-1329.74	6290.03	0.00	
15600.00	89.98	0.26	9070.40	6287.62	-1329.29	6389.47	0.00	
15700.00	89.98	0.26	9070.44	6387.62	-1328.84	6488.92	0.00	
15800.00	89.98	0.26	9070.48	6487.61	-1328.39	6588.36	0.00	
15900.00	89.98	0.26	9070.52	6587.61	-1327.93	6687.81	0.00	
16000.00	89.98	0.26	9070.56	6687.61	-1327.48	6787.25	0.00	
16100.00	89.98	0.26	9070.60	6787.61	-1327.03	6886.70	0.00	
16200.00	89.98	0.26	9070.64	6887.61	-1326.58	6986.15	0.00	
16300.00	89.98	0.26	9070.68	6987.61	-1326.13	7085.59	0.00	
16400.00	89.98	0.26	9070.72	7087.61	-1325.67	7185.04	0.00	
16500.00	89.98	0.26	9070.76	7187.61	-1325.22	7284.48	0.00	
16600.00	89.98	0.26	9070.80	7287.61	-1324.77	7383.93	0.00	
16700.00	89.98	0.26	9070.84	7387.61	-1324.32	7483.37	0.00	
16800.00	89.98	0.26	9070.88	7487.60	-1323.86	7582.82	0.00	
16900.00	89.98	0.26	9070.92	7587.60	-1323.41	7682.27	0.00	
17000.00	89.98	0.26	9070.96	7687.60	-1322.96	7781.71	0.00	
17100.00	89.98	0.26	9071.00	7787.60	-1322.51	7881.16	0.00	
17200.00	89.98	0.26	9071.04	7887.60	-1322.06	7980.60	0.00	
17300.00	89.98	0.26	9071.08	7987.60	-1321.60	8080.05	0.00	
17400.00	89.98	0.26	9071.12	8087.60	-1321.15	8179.50	0.00	
17500.00	89.98	0.26	9071.16	8187.60	-1320.70	8278.94	0.00	
17600.00	89.98	0.26	9071.20	8287.60	-1320.25	8378.39	0.00	
17700.00	89.98	0.26	9071.24	8387.60	-1319.80	8477.83	0.00	
17800.00	89.98	0.26	9071.28	8487.59	-1319.34	8577.28	0.00	
17900.00	89.98	0.26	9071.32	8587.59	-1318.89	8676.72	0.00	
18000.00	89.98	0.26	9071.36	8687.59	-1318.44	8776.17	0.00	
18100.00	89.98	0.26	9071.40	8787.59	-1317.99	8875.62	0.00	
18200.00	89.98	0.26	9071.44	8887.59	-1317.54	8975.06	0.00	
18300.00	89.98	0.26	9071.48	8987.59	-1317.08	9074.51	0.00	
18400.00	89.98	0.26	9071.52	9087.59	-1316.63	9173.95	0.00	
18500.00	89.98	0.26	9071.56	9187.59	-1316.18	9273.40	0.00	
18600.00	89.98	0.26	9071.60	9287.59	-1315.73	9372.85	0.00	
18700.00	89.98	0.26	9071.64	9387.58	-1315.28	9472.29	0.00	
18800.00	89.98	0.26	9071.68	9487.58	-1314.82	9571.74	0.00	
18900.00	89.98	0.26	9071.72	9587.58	-1314.37	9671.18	0.00	
19000.00	89.98	0.26	9071.76	9687.58	-1313.92	9770.63	0.00	
19100.00	89.98	0.26	9071.80	9787.58	-1313.47	9870.07	0.00	
19200.00	89.98	0.26	9071.84	9887.58	-1313.02	9969.52	0.00	
19300.00	89.98	0.26	9071.88	9987.58	-1312.56	10068.97	0.00	
19400.00	89.98	0.26	9071.92	10087.58	-1312.11	10168.41	0.00	
19500.00	89.98	0.26	9071.96	10187.58	-1311.66	10267.86	0.00	

Chincoteague 8-32 Fed State Com 524H



Well: Chincoteague 8-32 Fed State Com 524H
County: Lea
Wellbore: Permit Plan
Design: Permit Plan #1

Geodetic System: US State Plane 1983
Datum: North American Datum 1927
Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD (ft)	INC (")	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
19600.00	89.98	0.26	9072.00	10287.58	-1311.21	10367.30	0.00	
19700.00	89.98	0.26	9072.04	10387.57	-1310.76	10466.75	0.00	
19800.00	89.98	0.26	9072.08	10487.57	-1310.30	10566.20	0.00	
19900.00	89.98	0.26	9072.12	10587.57	-1309.85	10665.64	0.00	
20000.00	89.98	0.26	9072.16	10687.57	-1309.40	10765.09	0.00	
20100.00	89.98	0.26	9072.20	10787.57	-1308.95	10864.53	0.00	
20200.00	89.98	0.26	9072.24	10887.57	-1308.50	10963.98	0.00	
20300.00	89.98	0.26	9072.28	10987.57	-1308.04	11063.42	0.00	
20400.00	89.98	0.26	9072.32	11087.57	-1307.59	11162.87	0.00	
20500.00	89.98	0.26	9072.36	11187.57	-1307.14	11262.32	0.00	
20600.00	89.98	0.26	9072.40	11287.57	-1306.69	11361.76	0.00	
20700.00	89.98	0.26	9072.43	11387.56	-1306.24	11461.21	0.00	
20800.00	89.98	0.26	9072.47	11487.56	-1305.78	11560.65	0.00	
20900.00	89.98	0.26	9072.51	11587.56	-1305.33	11660.10	0.00	
21000.00	89.98	0.26	9072.55	11687.56	-1304.88	11759.54	0.00	
21100.00	89.98	0.26	9072.59	11787.56	-1304.43	11858.99	0.00	
21200.00	89.98	0.26	9072.63	11887.56	-1303.98	11958.44	0.00	
21300.00	89.98	0.26	9072.67	11987.56	-1303.52	12057.88	0.00	
21400.00	89.98	0.26	9072.71	12087.56	-1303.07	12157.33	0.00	
21500.00	89.98	0.26	9072.75	12187.56	-1302.62	12256.77	0.00	
21600.00	89.98	0.26	9072.79	12287.56	-1302.17	12356.22	0.00	
21700.00	89.98	0.26	9072.83	12387.55	-1301.71	12455.67	0.00	
21800.00	89.98	0.26	9072.87	12487.55	-1301.26	12555.11	0.00	
21900.00	89.98	0.26	9072.91	12587.55	-1300.81	12654.56	0.00	
22000.00	89.98	0.26	9072.95	12687.55	-1300.36	12754.00	0.00	
22081.23	89.98	0.26	9072.99	12768.78	-1299.99	12834.78	0.00	Exit
22100.00	89.98	0.26	9072.99	12787.55	-1299.91	12853.45	0.00	
22161.23	89.98	0.26	9073.00	12848.78	-1299.63	12914.34	0.00	BHL

Well Name: CHINCOTEAGUE 8-32 FED ST COM	Well Location: T25S / R32E / SEC 8 / SENE / 32.1457844 / -103.6909531	County or Parish/State: LEA / NM
Well Number: 524H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0061873B, NMLC061873B	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002546476	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Notice of Intent

Type of Submission: Notice of Intent	Type of Action APD Change
Date Sundry Submitted: 01/27/2021	Time Sundry Submitted: 12:07
Date proposed operation will begin: 01/23/2021	

Procedure Description: BHL CHANGE Devon Energy Production Co., L.P. (Devon) respectfully requests to move the BHL on the subject well. Please see attached revised C102, Drill plan, directional plan. Permitted BHL: A(NENE), 20 FNL, 1040 FEL, 32-24S-32E Proposed BHL: B(NWNE), 20 FNL, 2090 FEL, 32-24S-32E

Application

Well Name: CHINCOTEAGUE 8-32 FED ST COM	Well Location: T25S / R32E / SEC 8 / SENE / 32.1457844 / -103.6909531	County or Parish/State: LEA / NM
Well Number: 524H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0061873B, NMLC061873B	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002546476	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Section 1 - General

APD ID: 10400040700	Tie to previous NOS?	Submission Date: 04/10/2019
BLM Office: CARLSBAD	User: Jenny Harms	Title: Regulatory Compliance Professional
Federal/Indian APD: FED	Is the first lease penetrated for production Federal or Indian? FED	
Lease number: NMLC0061873B	Lease Acres:	
Surface access agreement in place?	Allotted?	Reservation:
Agreement in place? NO	Federal or Indian agreement:	
Agreement number:		
Agreement name:		
Keep application confidential? Y		
Permitting Agent? NO	APD Operator: DEVON ENERGY PRODUCTION COMPANY LP	
Operator letter of designation:		

Operator Info

Operator Organization Name: DEVON ENERGY PRODUCTION COMPANY LP	
Operator Address: 333 WEST SHERIDAN AVE	Zip: 73102
Operator PO Box:	
Operator City: OKLAHOMA CITY	State: OK
Operator Phone: (405)235-3611	
Operator Internet Address:	

Section 2 - Well Information

Well in Master Development Plan? NO	Master Development Plan name:	
Well in Master SUPO? NO	Master SUPO name:	
Well in Master Drilling Plan? NO	Master Drilling Plan name:	
Well Name: CHINCOTEAGUE 8-32 FED ST COM	Well Number: 524H	Well API Number: 3002546476
Field/Pool or Exploratory? Field and Pool	Field Name: WC-025 G-06 S253206M; BONE SPRING	Pool Name: BONE SPRING
Is the proposed well in an area containing other mineral resources? NATURAL GAS,OIL,POTASH		
Is the proposed well in a Helium production area? N	Use Existing Well Pad? N	New surface disturbance?
Type of Well Pad: MULTIPLE WELL	Multiple Well Pad Name: CHINCOTEAGUE 8 PAD	Number: 3
Well Class: HORIZONTAL	Number of Legs: 1	
Well Work Type: Drill		
Well Type: OIL WELL		

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Well Name: CHINCOTEAGUE 8-32
FED ST COM

Well Number: 524H

Lease Number: NMLC0061873B,
NMLC061873B

US Well Number: 3002546476

Well Location: T25S / R32E / SEC 8 /
SENE / 32.1457844 / -103.6909531

Type of Well: OIL WELL

Unit or CA Name:

Well Status: Approved Application for
Permit to Drill

County or Parish/State: LEA /
NM

Allottee or Tribe Name:

Unit or CA Number:

Operator: DEVON ENERGY
PRODUCTION COMPANY LP

Is the proposed well in an area containing other mineral resources? NATURAL GAS,OIL,POTASH

Describe Well Type:

Well sub-Type: INFILL

Describe sub-type:

Distance to town:

Distance to nearest well: 1057 FT

Distance to lease line: 725 FT

Reservoir well spacing assigned acres Measurement: 800 Acres

Well plat:

AA000213614_CHINCOTEAGUE_8_32_FSC_524H_WL_P__C102signed_20190409101258.pdf

WA017751175_CHINCOTEAGUE_8_32_FSC_524H_WL_P_R1_SIGNED_1_24_2021_20210124150953.p
df

Well work start Date: 04/06/2020

Duration: 45 DAYS

Section 3 - Well Location Table

Survey Type: RECTANGULAR

Describe Survey Type:

Datum: NAD83

Vertical Datum: NAVD88

Survey number:

Reference Datum: GROUND LEVEL

Wellbore	NS-Foot	NS Indicator	EW-Foot	EW Indicator	Twsp	Range	Section	Aliquot/Lot/Tract	Latitude	Longitude	County	State	Meridian	Lease Type	Lease Number	Elevation	MD	TVD	Will this well produce from this lease?
SHL Leg #1	2313	FNL	725	FEL	25S	32E	8	Aliquot SENE	32.1457844	-103.6909531	LEA	NEW MEXICO	NEW MEXICO	F	NMLC0061873B	3438	0	0	Y
KOP Leg #1	2608	FNL	2090	FEL	25S	32E	8	Aliquot SWNE	32.1448506	-103.6953599	LEA	NEW MEXICO	NEW MEXICO	F	NMLC0061873B	-5057	8671	8495	Y
PPP Leg #1-1	1	FSL	2090	FEL	25S	32E	5	Aliquot SWSE	32.155615	-103.69438	LEA	NEW MEXICO	NEW MEXICO	F	NMLC0061863A	-6762	12511	10200	Y

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Well Name: CHINCOTEAGUE 8-32
FED ST COM

Well Number: 524H

Lease Number: NMLC0061873B,
NMLC061873B

US Well Number: 3002546476

Well Location: T25S / R32E / SEC 8 /
SENE / 32.1457844 / -103.6909531

Type of Well: OIL WELL

Unit or CA Name:

Well Status: Approved Application for
Permit to Drill

County or Parish/State: LEA /
NM

Allottee or Tribe Name:

Unit or CA Number:

Operator: DEVON ENERGY
PRODUCTION COMPANY LP

Wellbore	NS-Foot	NS Indicator	EW-Foot	EW Indicator	Twsp	Range	Section	Aliquot/Lot/Tract	Latitude	Longitude	County	State	Meridian	Lease Type	Lease Number	Elevation	MD	TVD	Will this well produce from this lease?
PPP Leg #1-2	2543	FNL	2090	FEL	25S	32E	8	Aliquot SWNE	32.1451325	-103.6953599	LEA	NEW MEXICO	NEW MEXICO	F	NMLC0061873B	-6189	9641	9627	Y
EXIT Leg #1	100	FNL	2090	FEL	24S	32E	32	Aliquot NWNE	32.180904	-103.6940954	LEA	NEW MEXICO	NEW MEXICO	S	STATE	-5635	22081	9073	Y
BHL Leg #1	20	FNL	2090	FEL	24S	32E	32	Aliquot NWNE	32.1811239	-103.6949058	LEA	NEW MEXICO	NEW MEXICO	S	STATE	-5635	22161	9073	Y

Drilling Plan

Section 1 - Geologic Formations

Formation ID	Formation Name	Elevation	True Vertical Depth	Measured Depth	Lithologies	Mineral Resources	Producing Formation
1513187	UNKNOWN	3438	0	0	ALLUVIUM, OTHER : Surface	NONE	N
1513188	RUSTLER	2713	725	725	SANDSTONE	NONE	N
1513192	SALADO	2353	1085	1085	SALT	NONE	N
1513190	BASE OF SALT	-962	4400	4400	SALT	NONE	N
1513191	DELAWARE	-1097	4535	4535	SANDSTONE	NATURAL GAS, OIL	N
1513189	BONE SPRING	-5972	9410	9410	SANDSTONE	NATURAL GAS, OIL	N
1513186	BONE SPRING 2ND	-6562	10000	10000	SANDSTONE	NATURAL GAS, OIL	Y

Section 2 - Blowout Prevention

Pressure Rating (PSI): 5M

Rating Depth: 9073

Equipment:

BOP/BOPE will be installed per Onshore Oil & Gas Order #2 requirements prior to drilling below intermediate casing, a BOP/BOPE system with the above minimum rating will be installed on the wellhead system. BOP/BOPE will be tested by an independent service company per Onshore Oil & Gas Order #2 requirements and MASP (Maximum Anticipated Surface Pressure) calculations. If the system is upgraded, all the components installed will be functional and tested.

Requesting Variance?

YES

Variance request:

A variance is requested for the use of a flexible choke line from the BOP stack to the choke manifold. See attached for specs for hydrostatic test chart.

Testing Procedure:

A multibowl wellhead may be used. The BOP will be tested per Onshore Order #2 after installation on

Received by OCD: 3/2/2021 9:07:40 AM

Well Name: CHINCOTEAGUE 8-32
FED ST COM

Well Number: 524H

Lease Number: NMLC0061873B,
NMLC061873B

US Well Number: 3002546476

Well Location: T25S / R32E / SEC 8 /
SENE / 32.1457844 / -103.6909531

Type of Well: OIL WELL

Unit or CA Name:

Well Status: Approved Application for
Permit to Drill

County or Parish/State: LEA /
NM

Allottee or Tribe Name:

Unit or CA Number:

Operator: DEVON ENERGY
PRODUCTION COMPANY LP

the surface casing which will cover testing requirements for a maximum of 30 days. If any seal subject to test pressure is broken the system must be tested.

Choke Diagram Attachment:

- 5M_BOPE__CK_20190406162442.pdf
- MB_Verb_5M_20210124165751.pdf
- 5M_BOPE__CK_20210124165751.pdf
- MB_Wellhd_5M_13.375_9.625_5.5_20210124165751.pdf

BOP Diagram Attachment:

- 5M_BOPE__CK_20190406162458.pdf
- 5M_BOPE__CK_20210124165800.pdf

Section 3 - Casing

Casing ID	String Type	Hole Size	Csg Size	Condition	Standard	Tapered String	Top Set MD	Bottom Set MD	Top Set TVD	Bottom Set TVD	Top Set MSL	Bottom Set MSL	Calculated casing length MD	Grade	Weight	Joint Type	Collapse SF	Burst SF	Joint SF Type	Joint SF	Body SF Type
1	SURFACE	17.5	13.375	NEW	API	N	0	795	0	795	3438	2643	795	H-40	48	OTHER - BTC	1.125	1	BUOY	1.6	BUOY
2	INTERMEDIATE	12.25	9.625	NEW	API	N	0	4520	0	4520	-6965	-1082	4520	J-55	40	OTHER - BTC	1.125	1	BUOY	1.6	BUOY
3	PRODUCTION	8.75	5.5	NEW	API	N	0	22161	0	9073	-6965	-5635	22161	P-110	17	OTHER - BTC	1.125	1	BUOY	1.6	BUOY

Casing Attachments

Casing ID: 1 String Type: SURFACE

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

- Surf_Csg_Ass_20190406163130.pdf

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Well Name: CHINCOTEAGUE 8-32
FED ST COM

Well Number: 524H

Lease Number: NMLC0061873B,
NMLC061873B

US Well Number: 3002546476

Well Location: T25S / R32E / SEC 8 /
SENE / 32.1457844 / -103.6909531

Type of Well: OIL WELL

Unit or CA Name:

Well Status: Approved Application for
Permit to Drill

County or Parish/State: LEA /
NM

Allottee or Tribe Name:

Unit or CA Number:

Operator: DEVON ENERGY
PRODUCTION COMPANY LP

Casing Attachments

Casing ID: 2String Type:INTERMEDIATE

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Int_Csg_Ass_20190406163257.pdf

Casing ID: 3String Type:PRODUCTION

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Prod_Csg_Ass_20190406163405.pdf

Section 4 - Cement

String Type	Lead/Tail	Stage Tool Depth	Top MD	Bottom MD	Quantity(sx)	Yield	Density	Cu Ft	Excess%	Cement type	Additives
SURFACE	Lead		0	795	614	1.44	13.2	883.9	50	C	Class C Cement + additives
INTERMEDIATE	Lead		0	4020	493	3.27	9	1612.4	30	C	Class C Cement + additives
INTERMEDIATE	Tail		4020	4520	153.8	1.44	13.2	221.5	30	C	Class H / C + additives
PRODUCTION	Lead		4020	8671	397	3.27	9	1296.9	10	TUNED	Class H /C + additives
PRODUCTION	Tail		8671	22161	2603	1.44	13.2	3748.3	10	H	Class H / C + additives

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Well Name: CHINCOTEAGUE 8-32 FED ST COM	Well Location: T25S / R32E / SEC 8 / SENE / 32.1457844 / -103.6909531	County or Parish/State: LEA / NM
Well Number: 524H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0061873B, NMLC061873B	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002546476	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Section 5 - Circulating Medium

Mud System Type: Closed

Will an air or gas system be Used? NO

Description of the equipment for the circulating system in accordance with Onshore Order #2:

Diagram of the equipment for the circulating system in accordance with Onshore Order #2:

Describe what will be on location to control well or mitigate other conditions: Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times.

Describe the mud monitoring system utilized: PVT/Pason/Visual Monitoring

Circulating Medium Table

Top Depth	Bottom Depth	Mud Type	Min Weight (lbs/gal)	Max Weight (lbs/gal)	Density (lbs/cu ft)	Gel Strength (lbs/100 sqft)	PH	Viscosity (CP)	Salinity (ppm)	Filtration (cc)	Additional Characteristics
4520	9073	WATER-BASED MUD	8.5	9				2			
750	4520	OTHER : BRINE	10	10.5				2			
0	795	OTHER : FRESH WATER GEL	8.5	9							

Section 6 - Test, Logging, Coring

List of production tests including testing procedures, equipment and safety measures:

Will run GRMWD from TD to from KOP. Cement bond logs will be run in vertical to determine top of cement. Stated logs run will be in the completion report and submitted to the BLM.

List of open and cased hole logs run in the well:

CALIPER,CEMENT BOND LOG,DIRECTIONAL SURVEY,GAMMA RAY LOG,MUD LOG/GEOLOGIC LITHOLOGY LOG,

Coring operation description for the well:

N/A

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Section 7 - Pressure

Anticipated Bottom Hole Pressure: 4246	Anticipated Surface Pressure: 2001
Anticipated Bottom Hole Temperature(F): 127	
Anticipated abnormal pressures, temperatures, or potential geologic hazards? NO	
Describe:	
Contingency Plans geoharzards description:	
Contingency Plans geohazards attachment:	

Hydrogen Sulfide drilling operations plan required? YES

Hydrogen sulfide drilling operations plan:

Chincoteague_8_32_Fed_State_Com_524H_H2S_PLAN_20190409110010.pdf

Chincoteague_8_32_Fed_State_Com_524H_H2S_PLAN_20210124170717.pdf

Section 8 - Other Information

Proposed horizontal/directional/multi-lateral plan submission:

Chincoteague_8_32_Fed_State_Com_524H_Permit_Plan_1_20190409110109.pdf

Devon_Chincoteague_8_32_Fed_State_Com_524H_AC_Report_Permit_Plan_1_20190409110110.pdf

Devon_Chincoteague_8_32_Fed_State_Com_524H_Permit_Plan_1_20190409110111.pdf

Devon_Chincoteague_8_32_Fed_State_Com_524H_Plot_Permit_Plan_1_20190409110111.pdf

Chincoteague_8_32_Fed_State_Com_524H_20210124171026.pdf

Chincoteague_8_32_Fed_State_Com_524H_Directional_Plan_01_22_21_20210124171028.pdf

Other proposed operations facets description:

Other proposed operations facets attachment:

GasCapturePlan_CHINCO_8_CTB_3_20190409110155.pdf

MB_Verb_5M_20190314132649.pdf

MB_Wellhd_5M_20190314132650.pdf

Spudder_Rig_Info_20190314132650.pdf

Clsd_Loop_20190314132649.pdf

Other Variance attachment:

Co_flex_20190314132801.pdf

Co_flex_20210124171139.pdf

SUPO

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US Well Number: 3002546476	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Section 1 - Existing Roads

Will existing roads be used? YES

Existing Road Map:

EX_RD_20190409110227.pdf

Existing Road Purpose: ACCESS,FLUID TRANSPORT

Row(s) Exist? NO

ROW ID(s)

ID:

Do the existing roads need to be improved? NO

Existing Road Improvement Description:

Existing Road Improvement Attachment:

Section 2 - New or Reconstructed Access Roads

Will new roads be needed? YES

New Road Map:

ACCESS_RD_20190409110240.pdf

New road type: COLLECTOR,RESOURCE

Length: 5071 Feet **Width (ft.):** 30

Max slope (%): 6 **Max grade (%):** 4

Army Corp of Engineers (ACOE) permit required? NO

ACOE Permit Number(s):

New road travel width: 20

New road access erosion control: Water Drainage Ditch

New road access plan or profile prepared? NO

New road access plan attachment:

Access road engineering design? NO

Access road engineering design attachment:

Turnout? N

Access surfacing type: GRAVEL

Access topsoil source: ONSITE

Access surfacing type description:

Access onsite topsoil source depth: 6

Offsite topsoil source description:

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Onsite topsoil removal process: See attached Interim reclamation diagram.

Access other construction information:

Access miscellaneous information:

Number of access turnouts: Access turnout map:

Drainage Control

New road drainage crossing: CULVERT,OTHER

Drainage Control comments: na

Road Drainage Control Structures (DCS) description: na

Road Drainage Control Structures (DCS) attachment:

Access Additional Attachments

Section 3 - Location of Existing Wells

Existing Wells Map? YES

Attach Well map:

CHINCOTEAGUE_8_32_FED_COM_524H_OneMileBuffer_WA017751175_20190409110255.pdf

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

Submit or defer a Proposed Production Facilities plan? DEFER

Estimated Production Facilities description: Please refer to CTB plat, all flowlines will be buried. CHINCOTEAGUE 8 CTB 3

Section 5 - Location and Types of Water Supply

Water Source Table

Water source type: OTHER

Describe type: null

Water source use type: STIMULATION

Source latitude: Source longitude:

Source datum:

Water source permit type: OTHER

Water source transport method: PIPELINE

Source land ownership: FEDERAL

County or Parish/State: LEA / NM

Allottee or Tribe Name:

Unit or CA Number:

Operator: DEVON ENERGY
PRODUCTION COMPANY LP

Source volume (acre-feet): 64.44655

Source volume (gal): 21000000

Water source and transportation map:

CHINCOTEAGUE_8_32_STATE_FED_COM_524H_534H_waterxmap_20190409110330.PDF

Water source comments: The attached Water Transfer Map is a proposal only and the final route and documentation will be provided by a Devon contractor prior to installation. When available Devon will always follow existing disturbance.

New water well? NO

New Water Well Info

Well datum:

Well target aquifer:

Est thickness of aquifer:

Aquifer comments:

Aquifer documentation:

Well depth (ft):

Well casing type:

Well casing outside diameter (in.):

Well casing inside diameter (in.):

New water well casing?

Used casing source:

Drilling method:

Drill material:

Grout material:

Grout depth:

Casing length (ft.):

Casing top depth (ft.):

Well Production type:

Completion Method:**Water well additional information:**

State appropriation permit:

Additional information attachment:

Section 6 - Construction Materials

Using any construction materials: YES

Construction Materials description: Dirt fill and caliche will be used to construct well pad. Map attached.

Construction Materials source location attachment:

Chincoteague 8 Wellpad 3 Caliche Map 20190408123626.pdf

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Lease Number: NMLC0061873B, NMLC061873B	Unit or CA Name:	Unit or CA Number:
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Section 7 - Methods for Handling Waste

Waste type: DRILLING

Waste content description: Water Based Cuttings

Amount of waste: 2161 barrels

Waste disposal frequency : Daily

Safe containment description: N/A

Safe containmant attachment:

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

Disposal type description:

Disposal location description: All cuttings will disposed of at R360, Sundance, or equivalent.

Waste type: COMPLETIONS/STIMULATION

Waste content description: Flow back water during completion operations.

Amount of waste: 3000 barrels

Waste disposal frequency : One Time Only

Safe containment description: N/A

Safe containmant attachment:

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

Disposal type description:

Disposal location description: Various disposal locations in Lea and Eddy counties.

Waste type: FLOWBACK

Waste content description: Average produced BWPD over the flowback period (first 30 days of production).

Amount of waste: 2000 barrels

Waste disposal frequency : Daily

Safe containment description: N/A

Safe containmant attachment:

Waste disposal type: OFF-LEASE INJECTION **Disposal location ownership:** STATE

Disposal type description:

Disposal location description: Produced water during flowback will be disposed of at various disposals in Lea and Eddy County.

Waste type: PRODUCED WATER

Waste content description: Average produced BWPD over the first year of production

Amount of waste: 1000 barrels

Waste disposal frequency : Daily

Safe containment description: N/A

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Lease Number: NMLC0061873B, NMLC061873B	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002546476	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Safe containmant attachment:

Waste disposal type: OFF-LEASE INJECTION Disposal location ownership: PRIVATE

Disposal type description:

Disposal location description: Multiple methods for handling waste will be utilized. Via trucking, Dvn owned disposal system and or third party pipeline take away.

Reserve Pit

Reserve Pit being used? NO

Temporary disposal of produced water into reserve pit?

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

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

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

Reserve pit liner

Reserve pit liner specifications and installation description

Cuttings Area

Cuttings Area being used? NO

Are you storing cuttings on location? NO

Description of cuttings location

Cuttings area length (ft.) Cuttings area width (ft.)

Cuttings area depth (ft.) Cuttings area volume (cu. yd.)

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

WCuttings area liner

Cuttings area liner specifications and installation description

Section 8 - Ancillary Facilities

Are you requesting any Ancillary Facilities?: NO

Ancillary Facilities attachment:

Comments:

Section 9 - Well Site Layout

Well Site Layout Diagram:

RIG_LAY_OUT_20190409110415.pdf

Comments:

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Well Number: 524H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0061873B, NMLC061873B	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002546476	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Section 10 - Plans for Surface Reclamation

Type of disturbance: New Surface Disturbance Multiple Well Pad Name: CHINCOTEAGUE 8 PAD
Multiple Well Pad Number: 3

Recontouring attachment:
RECLAMATION_20190409110427.pdf

Drainage/Erosion control construction: N/A
Drainage/Erosion control reclamation: N/A

Well pad proposed disturbance (acres): 4.34	Well pad interim reclamation (acres): 1.753	Well pad long term disturbance (acres): 2.587
Road proposed disturbance (acres): 3.49	Road interim reclamation (acres): 0	Road long term disturbance (acres): 3.49
Powerline proposed disturbance (acres): 0.773	Powerline interim reclamation (acres): 0	Powerline long term disturbance (acres): 0.773
Pipeline proposed disturbance (acres): 3.12	Pipeline interim reclamation (acres): 0	Pipeline long term disturbance (acres): 3.12
Other proposed disturbance (acres): 5.74	Other interim reclamation (acres): 0	Other long term disturbance (acres): 5.74
Total proposed disturbance: 17.463	Total interim reclamation: 1.753	Total long term disturbance: 15.71

Disturbance Comments:

Reconstruction method: Operator will use Best Management Practices"BMP" to mechanically recontour to obtain the desired outcome.

Topsoil redistribution: Topsoils shall be replaced to their original relative positions and contoured so as to achieve erosion control, long-term stability and preservation of surface water flow patterns.

Soil treatment: Topsoils shall be replaced to their original relative positions and contoured so as to achieve erosion control, long-term stability and preservation of surface water flow patterns.

Existing Vegetation at the well pad: Shinnery, yucca, grasses and mesquite.

Existing Vegetation at the well pad attachment:

Existing Vegetation Community at the road: Shinnery, yucca, grasses and mesquite.

Existing Vegetation Community at the road attachment:

Existing Vegetation Community at the pipeline: Shinnery, yucca, grasses and mesquite.

Existing Vegetation Community at the pipeline attachment:

Existing Vegetation Community at other disturbances: Shinnery, yucca, grasses and mesquite.

Existing Vegetation Community at other disturbances attachment:

Non native seed used? NO

Non native seed description:

Seedling transplant description:

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Well Name: CHINCOTEAGUE 8-32 FED ST COM	Well Location: T25S / R32E / SEC 8 / SENE / 32.1457844 / -103.6909531	County or Parish/State: LEA / NM
Well Number: 524H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0061873B, NMLC061873B	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002546476	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Will seedlings be transplanted for this project? NO

Seedling transplant description attachment:

Will seed be harvested for use in site reclamation? NO

Seed harvest description:

Seed harvest description attachment:

Seed Management

Seed Table

Seed Summary	
Seed Type	Pounds/Acre

Total pounds/Acre:

Seed reclamation attachment:

Operator Contact/Responsible Official Contact Info

First Name:	Last Name:
Phone: (575)748-9934	Email: JACOB.OCHOA@DVN.COM

Seedbed prep:

Seed BMP:

Seed method:

Existing invasive species? NO

Existing invasive species treatment description:

Existing invasive species treatment attachment:

Weed treatment plan description: Maintain weeds on an as need basis.

Weed treatment plan attachment:

Monitoring plan description: Monitor as needed.

Monitoring plan attachment:

Success standards: N/A

Pit closure description: N/A

Pit closure attachment:

Section 11 - Surface Ownership

Well Name: CHINCOTEAGUE 8-32 FED ST COM	Well Location: T25S / R32E / SEC 8 / SENE / 32.1457844 / -103.6909531	County or Parish/State: LEA / NM
Well Number: 524H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0061873B, NMLC061873B	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002546476	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Disturbance type: PIPELINE

Describe:

Surface Owner:

Other surface owner description:

BIA Local Office:

BOR Local Office:

COE Local Office:

DOD Local Office:

NPS Local Office:

State Local Office:

Military Local Office:

USFWS Local Office:

Other Local Office:

USFS Region:

USFS Forest/Grassland:

USFS Ranger District:

Disturbance type: NEW ACCESS ROAD

Describe:

Surface Owner:

Other surface owner description:

BIA Local Office:

BOR Local Office:

COE Local Office:

DOD Local Office:

NPS Local Office:

State Local Office:

Military Local Office:

USFWS Local Office:

Other Local Office:

USFS Region:

USFS Forest/Grassland:

USFS Ranger District:

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Well Number: 524H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0061873B, NMLC061873B	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002546476	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Disturbance type: EXISTING ACCESS ROAD

Describe:

Surface Owner:

Other surface owner description:

BIA Local Office:

BOR Local Office:

COE Local Office:

DOD Local Office:

NPS Local Office:

State Local Office:

Military Local Office:

USFWS Local Office:

Other Local Office:

USFS Region:

USFS Forest/Grassland:

USFS Ranger District:

Disturbance type: WELL PAD

Describe:

Surface Owner:

Other surface owner description:

BIA Local Office:

BOR Local Office:

COE Local Office:

DOD Local Office:

NPS Local Office:

State Local Office:

Military Local Office:

USFWS Local Office:

Other Local Office:

USFS Region:

USFS Forest/Grassland:

USFS Ranger District:

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US Well Number: 3002546476	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Section 12 - Other Information

Right of Way needed? NO

Use APD as ROW?

ROW Type(s):

ROW Applications

SUPO Additional Information: ELECTRIC CTB-CHINCOTEAGUE 8 CTB 1 FLOWLINES- ALL ARE BURIED

Use a previously conducted onsite? YES

Previous Onsite information: Jul-18 Chincoteague 8 Wellpad 3

Other SUPO Attachment

EL8268_CHINCOTEAGUE_8_PAD_3_P_20190408124307.pdf

EL8263_CHINCOTEAGUE_8_CTB_1_P_20190408124306.pdf

EL8262_CHINCOTEAGUE_8_PAD_CTB_P_20190408124332.pdf

7600215F_CHINCO_8_PAD_3_TO_CHINCO_8_CTB_3_P_20190929193306.pdf

AA000213624_CHINCOTEAGUE_8_CTB_3_PAD_P_20190929193308.pdf

Pay.gov____Receipt_MUST_238H_237H_CHINCO_534h_524H_20190410140336.pdf

PWD

Section 1 - General

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

Section 2 - Lined Pits

Would you like to utilize Lined Pit PWD options? NO

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US Well Number: 3002546476	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Produced Water Disposal (PWD) Location:

PWD surface owner: PWD disturbance (acres):

Lined pit PWD on or off channel:

Lined pit PWD discharge volume (bbl/day):

Lined pit specifications:

Pit liner description:

Pit liner manufacturers information:

Precipitated solids disposal:

Decribe precipitated solids disposal:

Precipitated solids disposal permit:

Lined pit precipitated solids disposal schedule:

Lined pit precipitated solids disposal schedule attachment:

Lined pit reclamation description:

Lined pit reclamation attachment:

Leak detection system description:

Leak detection system attachment:

Lined pit Monitor description:

Lined pit Monitor attachment:

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

Is the reclamation bond a rider under the BLM bond?

Lined pit bond number:

Lined pit bond amount:

Additional bond information attachment:

Section 3 - Unlined Pits

Would you like to utilize Unlined Pit PWD options? NO

Produced Water Disposal (PWD) Location:

PWD disturbance (acres): PWD surface owner:

Unlined pit PWD on or off channel:

Unlined pit PWD discharge volume (bbl/day):

Unlined pit specifications:

Precipitated solids disposal:

Decribe precipitated solids disposal:

Precipitated solids disposal permit:

Unlined pit precipitated solids disposal schedule:

Unlined pit precipitated solids disposal schedule attachment:

Unlined pit reclamation description:

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Unlined pit reclamation attachment:

Unlined pit Monitor description:

Unlined pit Monitor attachment:

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

Beneficial use user confirmation:

Estimated depth of the shallowest aquifer (feet):

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

TDS lab results:

Geologic and hydrologic evidence:

State authorization:

Unlined Produced Water Pit Estimated percolation:

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

Is the reclamation bond a rider under the BLM bond?

Unlined pit bond number:

Unlined pit bond amount:

Additional bond information attachment:

Section 4 - Injection

Would you like to utilize Injection PWD options? NO

Produced Water Disposal (PWD) Location:

PWD surface owner: PWD disturbance (acres):

Injection PWD discharge volume (bbl/day):

Injection well mineral owner:

Injection well type:

Injection well number: Injection well name:

Assigned injection well API number? Injection well API number:

Injection well new surface disturbance (acres):

Minerals protection information:

Mineral protection attachment:

Underground Injection Control (UIC) Permit?

UIC Permit attachment:

Section 5 - Surface Discharge

Would you like to utilize Surface Discharge PWD options? NO

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Lease Number: NMLC0061873B, NMLC061873B	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002546476	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Produced Water Disposal (PWD) Location:

PWD surface owner: PWD disturbance (acres):

Surface discharge PWD discharge volume (bbl/day):

Surface Discharge NPDES Permit?

Surface Discharge NPDES Permit attachment:

Surface Discharge site facilities information:

Surface discharge site facilities map:

Section 6 - Other

Would you like to utilize Other PWD options? NO

Produced Water Disposal (PWD) Location:

PWD surface owner: PWD disturbance (acres):

Other PWD discharge volume (bbl/day):

Other PWD type description:

Other PWD type attachment:

Have other regulatory requirements been met?

Other regulatory requirements attachment:

Operator Certification

Operator Certification

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

NAME: Jenny Harms Signed on: 01/27/2021

Title: Regulatory Compliance Professional

Street Address: 333 West Sheridan Avenue

City: Oklahoma City State: OK Zip: 73102

Phone: (405)552-6560

Email address: jennifer.harms@dvn.com

Field Representative

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Well Name: CHINCOTEAGUE 8-32 FED ST COM	Well Location: T25S / R32E / SEC 8 / SENE / 32.1457844 / -103.6909531	County or Parish/State: LEA / NM
Well Number: 524H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0061873B, NMLC061873B	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002546476	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Representative Name:

Street Address:

City: State: Zip:

Phone:

Email address:

NOI Attachments

Procedure Description

- Chincoteague_8_32_Fed_State_Com_524H_Directional_Plan_01_22_21_20210124150923.pdf
- WA017751175_CHINCOTEAGUE_8_32_FSC_524H_WL_P_R1_SIGNED_1_24_2021_20210124150923.pdf
- Chincoteague_8_32_Fed_State_Com_524H_20210124150922.pdf

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US Well Number: 3002546476	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Operator Certification

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: HARMS	Signed on: JAN 27, 2021 12:07 PM
Name: DEVON ENERGY PRODUCTION COMPANY LP	
Title: Regulatory Compliance Professional	
Street Address: 333 WEST SHERIDAN AVE	
City: OKLAHOMA CITY	State: OK
Phone: (405) 235-3611	
Email address:	

Field Representative

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752342234	BLM POC Email Address: cwalls@blm.gov
Disposition: Approved	Disposition Date: 02/25/2021
Signature: Chris Walls	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 19430

CONDITIONS OF APPROVAL

Operator:	DEVON ENERGY PRODUCTION COMPAN	333 West Sheridan Ave.	Oklahoma City, OK73102	OGRID:	6137	Action Number:	19430	Action Type:	C-103A
OCD Reviewer	Condition								
pkautz	None								