

Form 3160-5
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010**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. **BHL: NMLC0061863A**

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

TRIONYX 6 7 FEDERAL COM 520H

2. Name of Operator

Devon Energy Production Company, L.P.

9. API Well No.

30-025-47981

3a. Address

333 West Sheridan, Oklahoma City, OK 73102

3b. Phone No. (include area code)

405-228-4248

10. Field and Pool or Exploratory Area

; WC-025 G-06 S253206M; BONE SPRING

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

600' FNL & 1515' FWL Unit C, Sec 6, T25S, R32E

11. Country or Parish, State

LEA, NM**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____	
	<input checked="" 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.)

PLEASE SEE ATTACHED BLM APPROVAL. 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: SESW, 20 FSL, 2250 FWL, 7-25-32E Proposed BHL: SWSE, 20 FSL, 2310 FEL, 7-25S-32E

14. I hereby certify that the foregoing is true and correct.
Name (Printed/Typed)**Jenny Harms**Title **Regulatory Specialist**Date **2/9/2021****THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

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

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

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 30-025-47981		² Pool Code 97899]		³ Pool Name WC-025 G-06 S253206M; BONE SPRING	
⁴ Property Code 329785		⁵ Property Name TRIONYX 6-7 FED COM			⁶ Well Number 520H
⁷ OGRID No. 6137		⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.			⁹ Elevation 3476.6

¹⁰ Surface Location

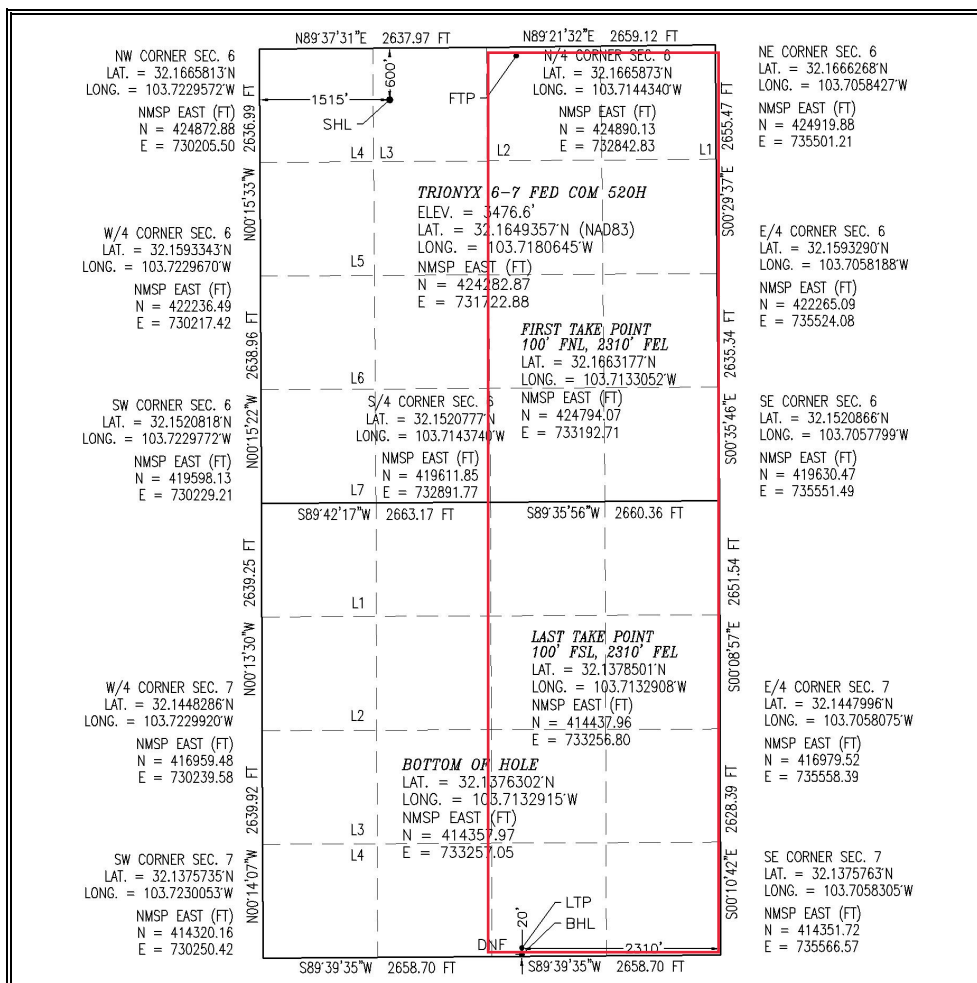
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
3	6	25 S	32 E		600	NORTH	1515	WEST	LEA

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
O	7	25 S	32 E		20	SOUTH	2310	EAST	LEA

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
640.84			

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.



¹⁷ OPERATOR CERTIFICATION

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.

Signature: Denny Harris Date: 1-14-2021

JENNY HARMS

Printed Name _____

JENNY.HARMS@DVN.COM

E-mail Address

18 SURVEYOR CERTIFICATION

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.

JANUARY 7, 2021

Date of Survey

Signature and Seal of Professional Surveyor

Certificate Number: FILMONT, JARAMILLO, PLS 12797

SURVEY NO. 7999A

Intent ☒ As Drilled ☐

API #

Operator Name:	Property Name:	Well Number
DEVON ENERGY PRODUCTION CO., L.P.	TRIONYX 6-7 FED COM	520H

Kick Off Point (KOP)

UL	Section 6	Township 25S	Range 32E	Lot	Feet 48 FNL	From N/S	Feet 2310 FEL	From E/W	County LEA
Latitude 32.16636078					Longitude -103.71329912			NAD 83	

First Take Point (FTP)

UL	Section 6	Township 25S	Range 32E	Lot 2	Feet 100	From N/S NORTH	Feet 2310	From E/W EAST	County LEA
Latitude 32.1663177					Longitude 103.7133052			NAD 83	

Last Take Point (LTP)

UL O	Section 7	Township 25S	Range 32E	Lot	Feet 100	From N/S SOUTH	Feet 2310	From E/W EAST	County LEA
Latitude 32.1378501					Longitude 103.7132908			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

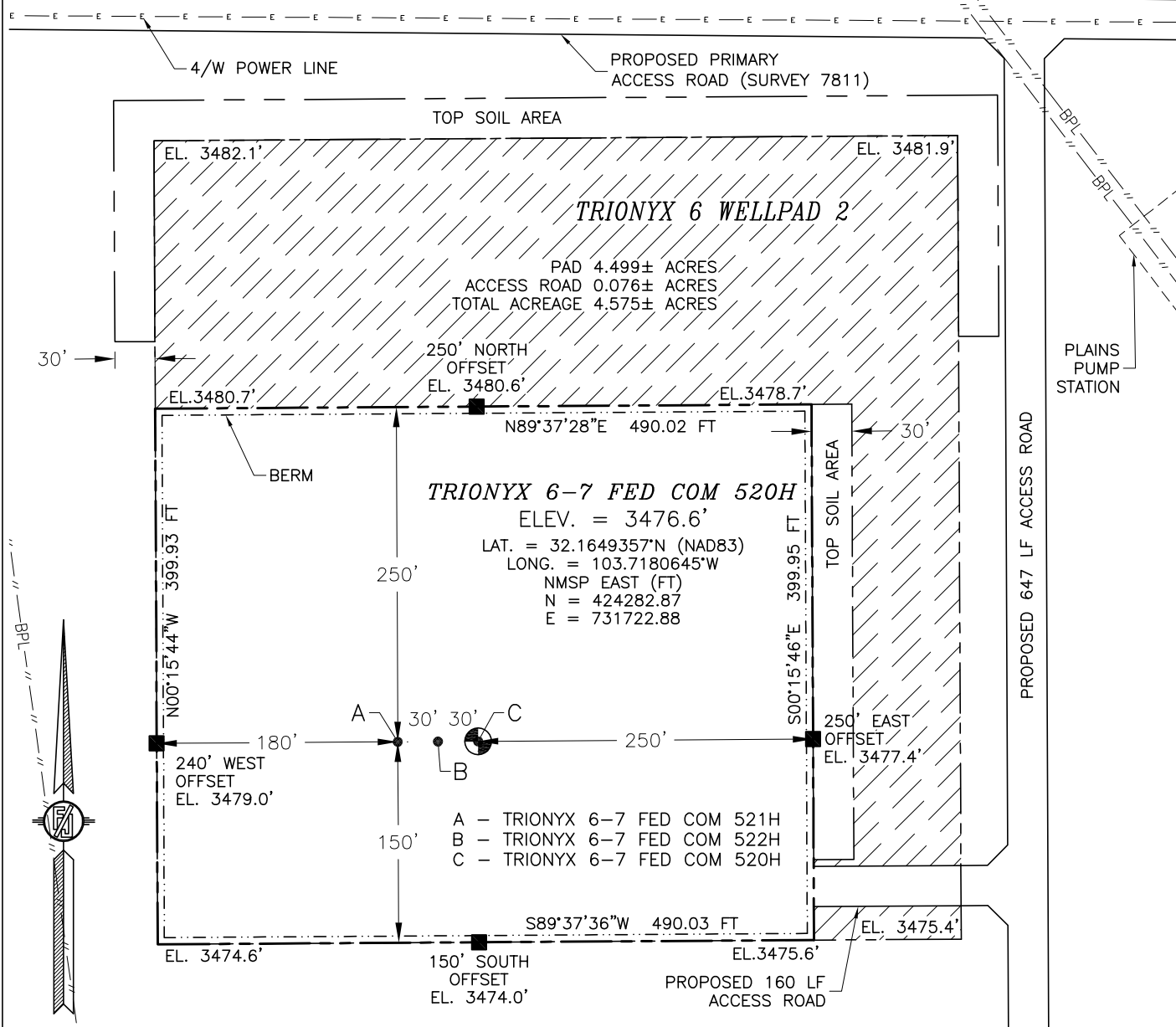
KZ 06/29/2018

SECTION 6, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

SITE MAP

SEC. 31
SEC. 6

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 HIGHWAY) GO SOUTH ON CR. 1 FOR APPROX. 2.3 MILES, GO WEST ON 20' CALICHE LEASE ROAD FOR APPROX. 1.0 MILE, GO SOUTH ON 20' CALICHE LEASE ROAD FOR APPROX. 0.50 OF A MILE, CONTINUE WEST ON 20' CALICHE LEASE ROAD FOR APPROX. 0.55 OF A MILE CONTINUE SOUTH ON 20' CALICHE LEASE ROAD FOR APPROX. 0.41 OF A MILE, CONTINUE WEST ON 15' CALICHE LEASE ROAD FOR APPROX. 0.98 OF A MILE TO BEGIN ROAD SURVEY, GO SOUTH-WEST 80° TO SOUTHEAST PAD CORNER FOR THIS LOCATION.

I, FILIMON F. JARAMILLO, NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I HAVE PREPARED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND THAT I HAVE COMPLIED WITH THE MINIMUM STANDARDS FOR SURVEYS IN NEW MEXICO.

FILIMON F. JARAMILLO, REG. NO. 12797

MADONIA SURVEYING, INC.

301 SOUTH CANAL
(575) 234-3341

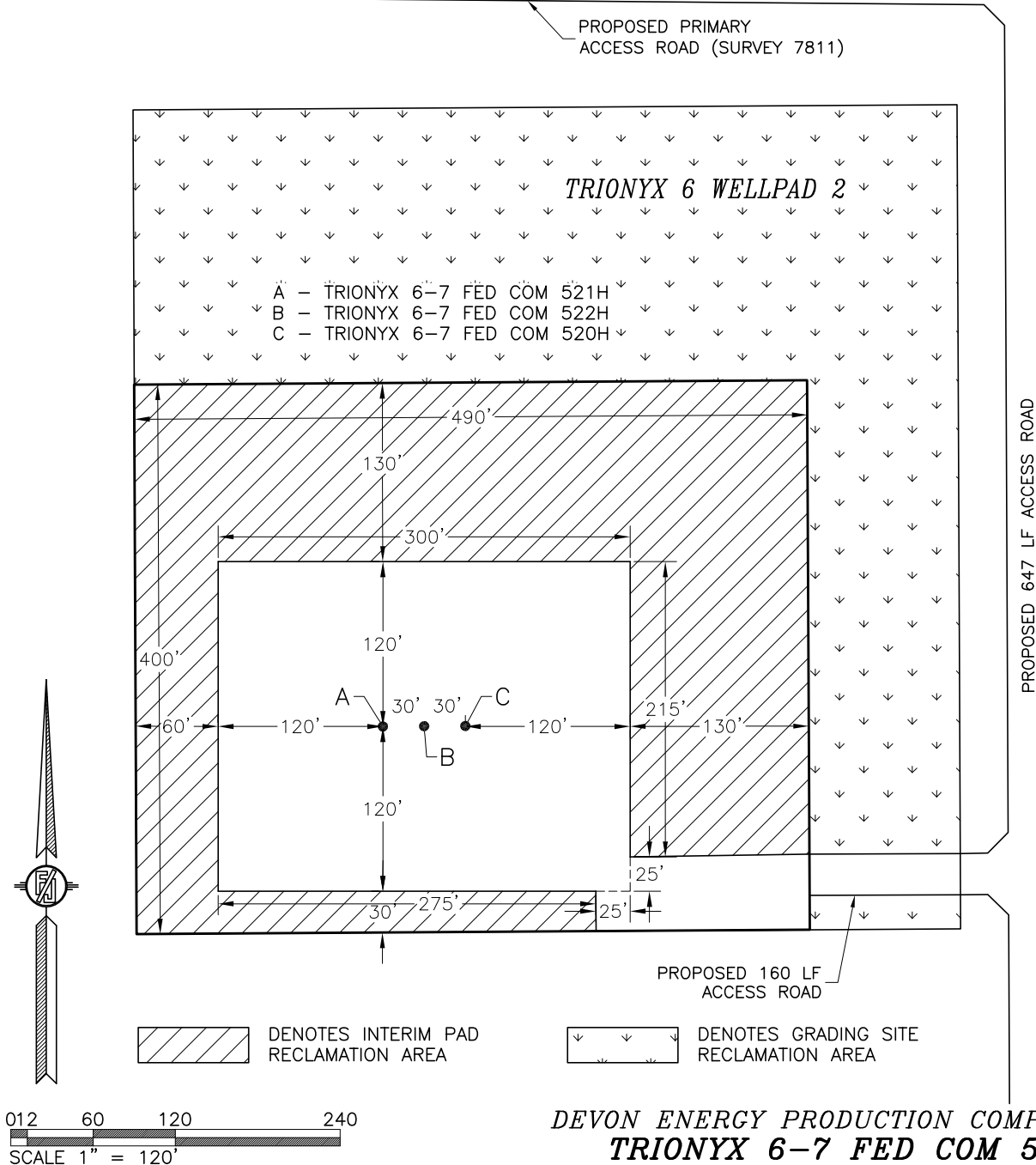
DEVON ENERGY PRODUCTION COMPANY, L.P.
TRIONYX 6-7 FED COM 520H
LOCATED 600 FT. FROM THE NORTH LINE
AND 1515 FT. FROM THE WEST LINE OF
SECTION 6, TOWNSHIP 25 SOUTH,
RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
LAND STATUS: BLM

JANUARY 7, 2021

SURVEY NO. 7999A

CARLSBAD, NEW MEXICO

SECTION 6, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
INTERIM SITE BUILD PLAN



2.666± ACRES INTERIM PAD RECLAMATION AREA
3.689± ACRES GRADING SITE RECLAMATION AREA
1.909± ACRES NON-RECLAIMED AREA
8.264± ACRES TRIONYX 6 WELLPAD 2

DEVON ENERGY PRODUCTION COMPANY, L.P.
TRIONYX 6-7 FED COM 520H
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AND 1515 FT. FROM THE WEST LINE OF
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RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
LAND STATUS: BLM

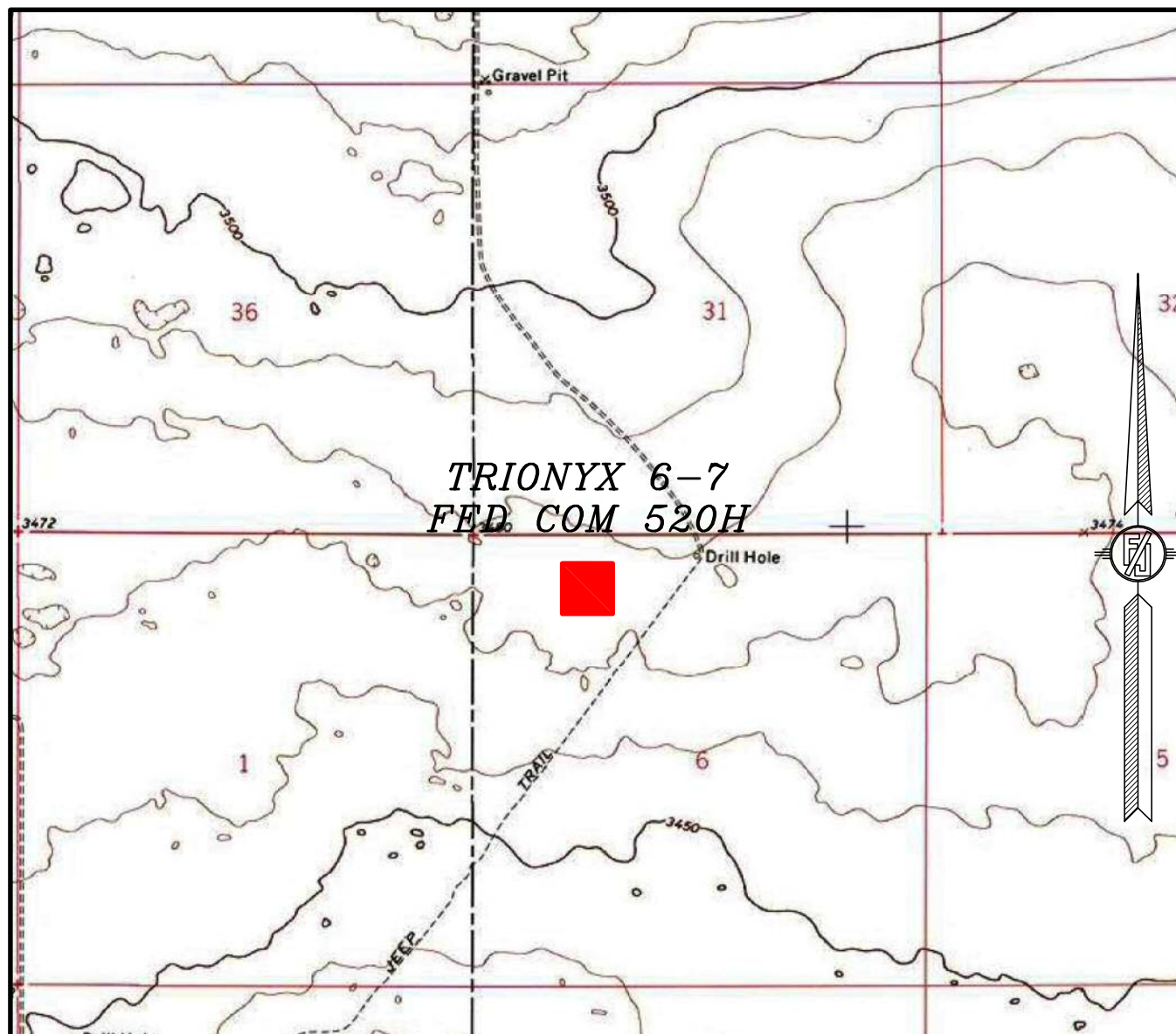
JANUARY 7, 2021

SURVEY NO. 7999A

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

CARLSBAD, NEW MEXICO

SECTION 6, 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.
TRIONYX 6-7 FED COM 520H
LOCATED 600 FT. FROM THE NORTH LINE
AND 1515 FT. FROM THE WEST LINE OF
SECTION 6, TOWNSHIP 25 SOUTH,
RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
LAND STATUS: BLM

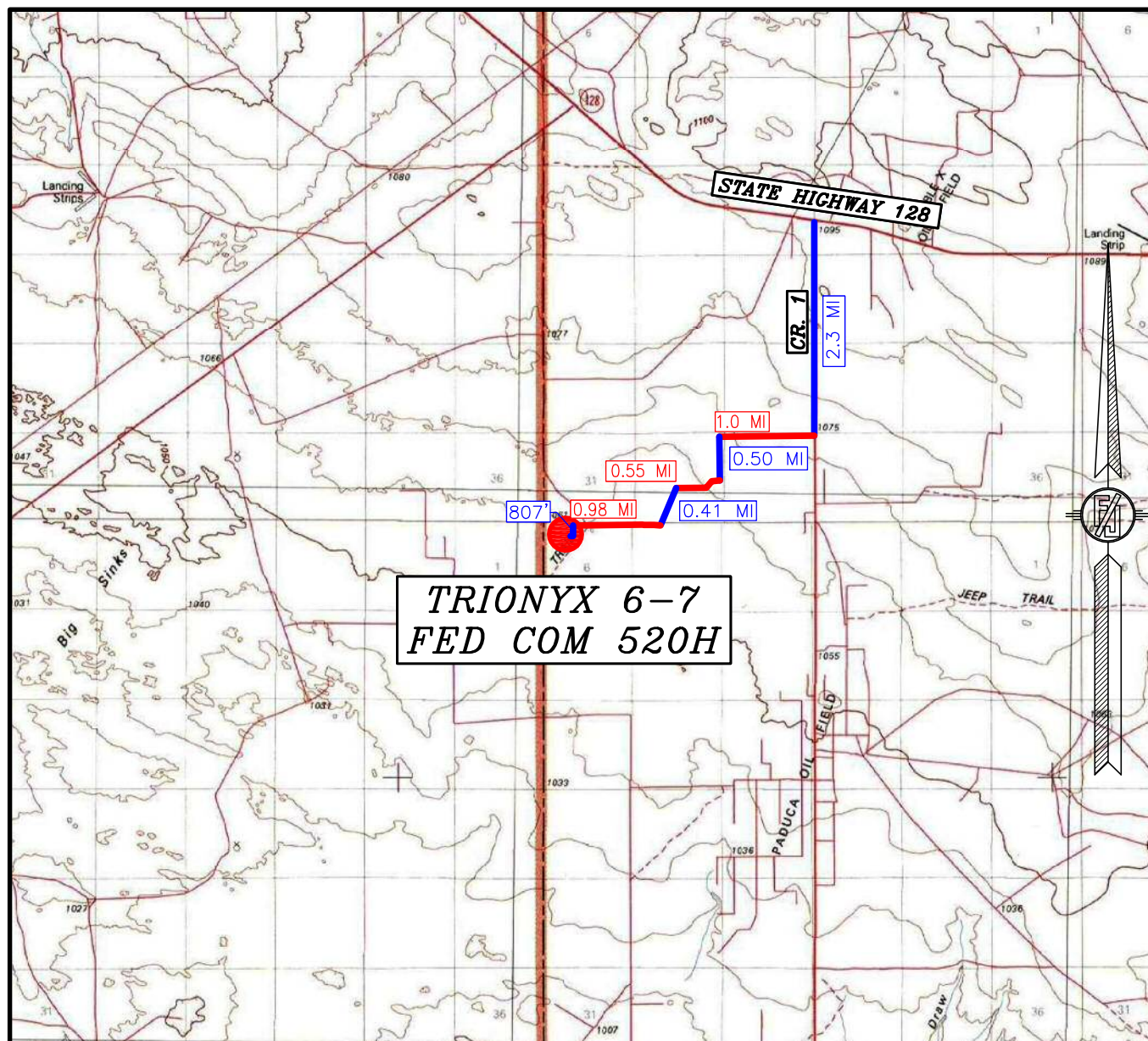
JANUARY 7, 2021

MADRON SURVEYING, INC.

301 SOUTH CANAL
(575) 234-3341

SURVEY NO. 7999A
CARLSBAD, NEW MEXICO

SECTION 6, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
VICINITY MAP



DISTANCES IN MILES

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF STATE HIGHWAY 128 & CR. 1 (ORLA HIGHWAY)
GO SOUTH ON CR. 1 FOR APPROX. 2.3 MILES, GO WEST ON 20' CALICHE
LEASE ROAD FOR APPROX. 1.0 MILE, GO SOUTH ON 20' CALICHE LEASE ROAD
FOR APPROX. 0.50 OF A MILE, CONTINUE WEST ON 20' CALICHE LEASE ROAD
FOR APPROX. 0.55 OF A MILE CONTINUE SOUTH ON 20' CALICHE LEASE ROAD
FOR APPROX. 0.41 OF A MILE, CONTINUE WEST ON 15' CALICHE LEASE ROAD
FOR APPROX. 0.98 OF A MILE TO BEGIN ROAD SURVEY, GO SOUTH-WEST 807'
TO SOUTHEAST PAD CORNER FOR THIS LOCATION.

NOT TO SCALE
DEVON ENERGY PRODUCTION COMPANY, L.P.

TRIONYX 6-7 FED COM 520H

LOCATED 600 FT. FROM THE NORTH LINE
AND 1515 FT. FROM THE WEST LINE OF
SECTION 6, TOWNSHIP 25 SOUTH,
RANGE 32 EAST, N.M.P.M.

LEA COUNTY, STATE OF NEW MEXICO
LAND STATUS: BLM

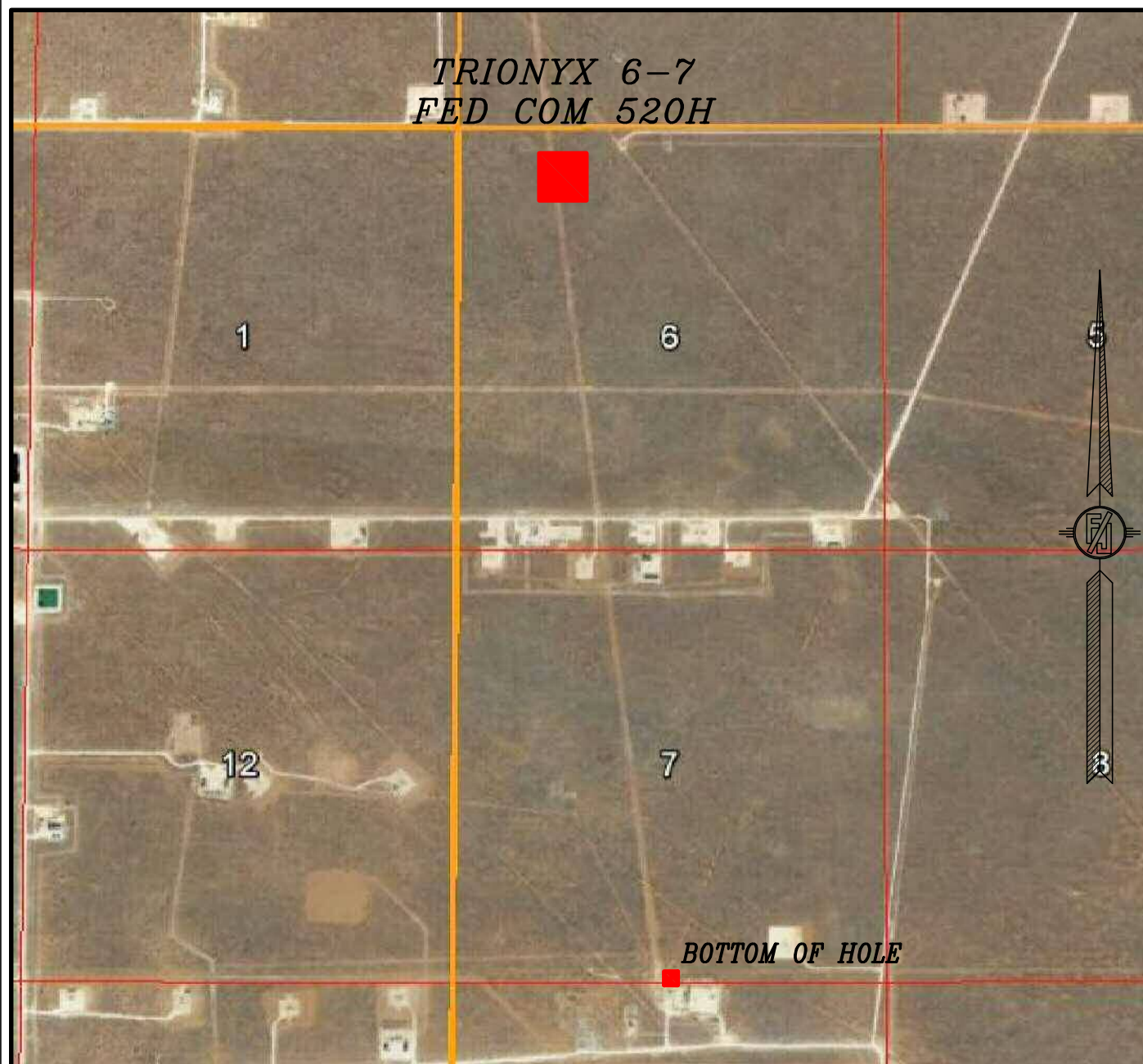
JANUARY 7, 2021

MADRON SURVEYING, INC.

301 SOUTH CANAL
(575) 234-3341

SURVEY NO. 7999A
CARLSBAD, NEW MEXICO

SECTION 6, 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
FEBRUARY 2019

DEVON ENERGY PRODUCTION COMPANY, L.P.

TRIONYX 6-7 FED COM 520H

LOCATED 600 FT. FROM THE NORTH LINE
AND 1515 FT. FROM THE WEST LINE OF
SECTION 6, TOWNSHIP 25 SOUTH,
RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
LAND STATUS: BLM

JANUARY 7, 2021

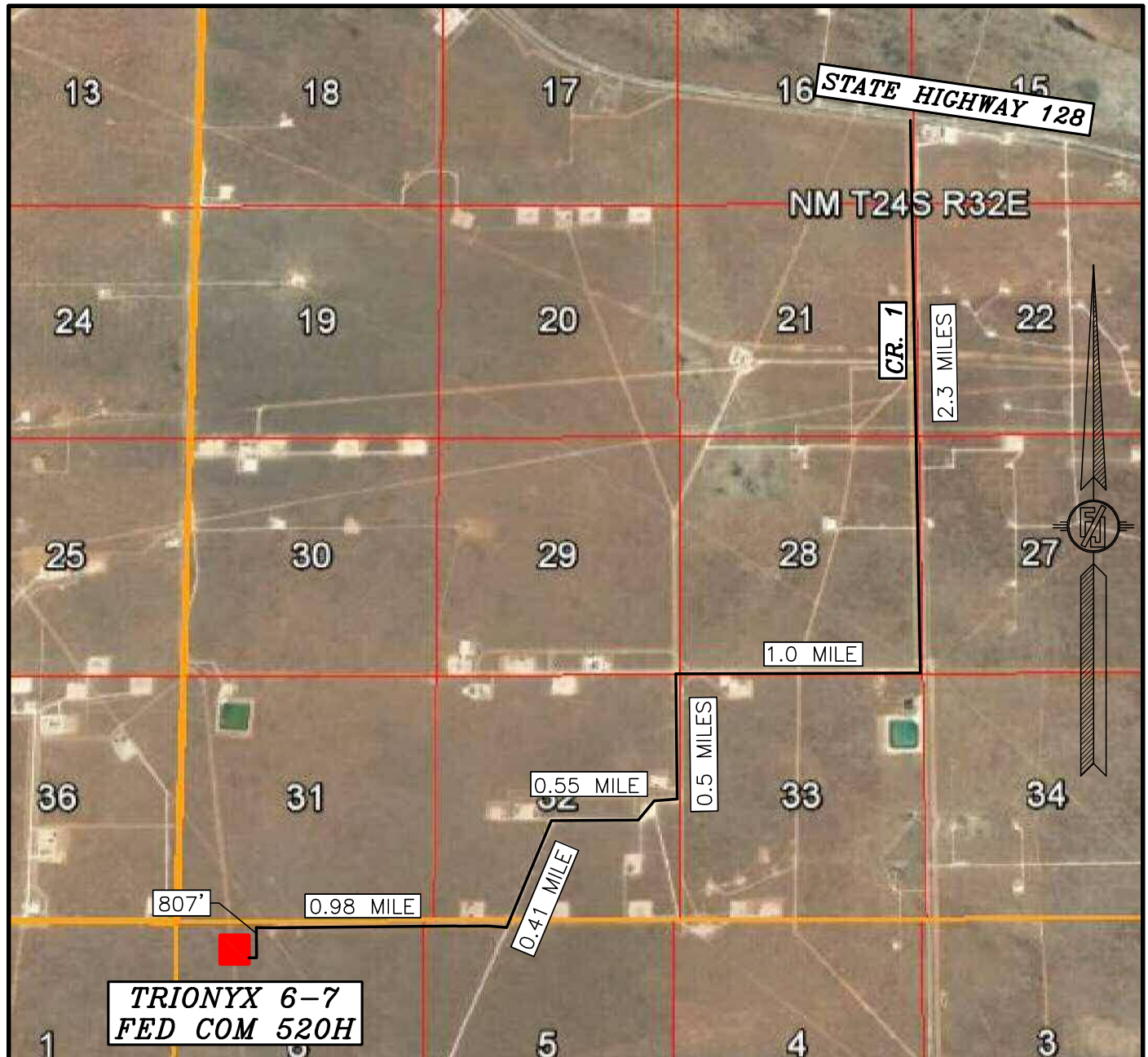
SURVEY NO. 7999A

MADRON SURVEYING, INC.

301 SOUTH CANAL
(575) 234-3341

CARLSBAD, NEW MEXICO

SECTION 6, 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
FEBRUARY 2019

DEVON ENERGY PRODUCTION COMPANY, L.P.

TRIONYX 6-7 FED COM 520H

LOCATED 600 FT. FROM THE NORTH LINE
AND 1515 FT. FROM THE WEST LINE OF
SECTION 6, TOWNSHIP 25 SOUTH,
RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
LAND STATUS: BLM

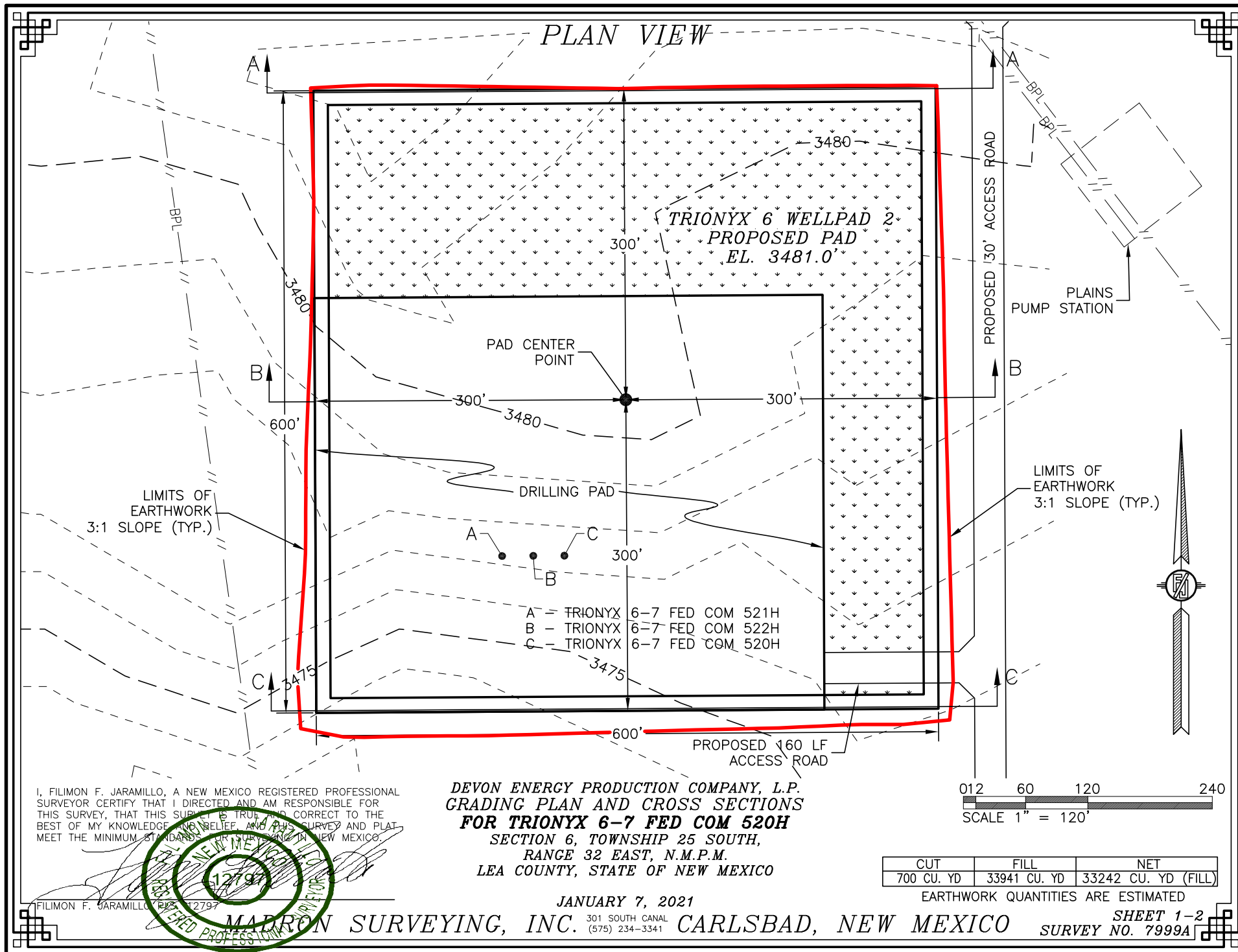
JANUARY 7, 2021

SURVEY NO. 7999A

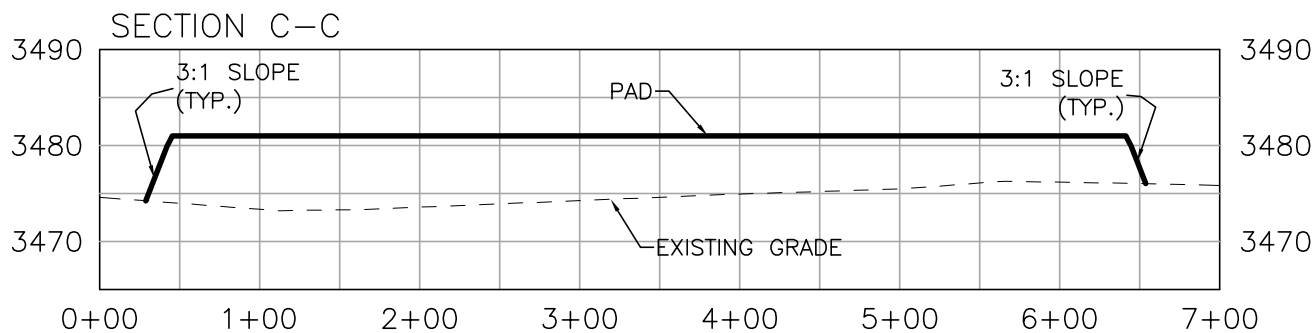
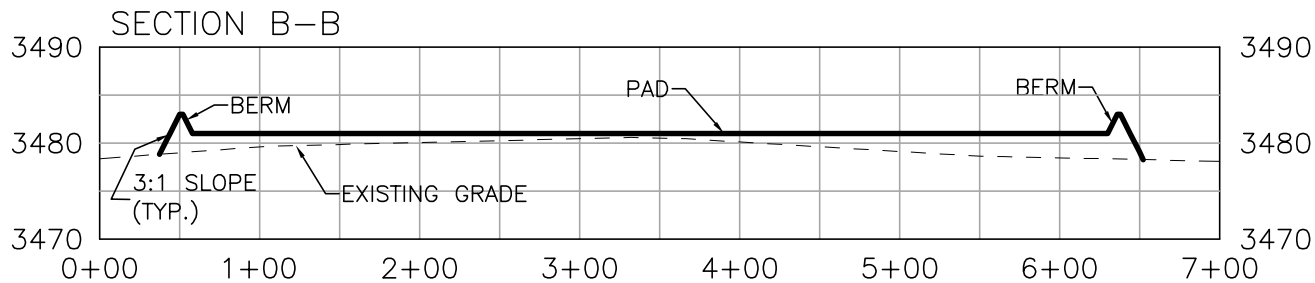
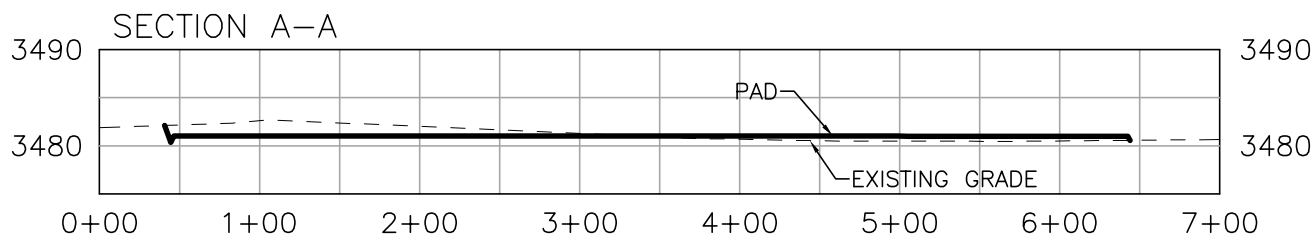
MADRON SURVEYING, INC.

301 SOUTH CANAL
(575) 234-3341

CARLSBAD, NEW MEXICO



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 THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

FILIMON F. JARAMILLO, P.E. 12797

DEVON ENERGY PRODUCTION COMPANY, L.P.
GRADING PLAN AND CROSS SECTIONS
FOR TRIONYX 6-7 FED COM 520H
SECTION 6, TOWNSHIP 25 SOUTH,
RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

JANUARY 7, 2021

301 SOUTH CANAL
(575) 234-3341

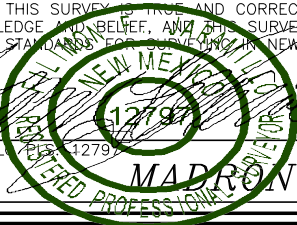
CARLSBAD, NEW MEXICO

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

CUT	FILL	NET
700 CU. YD	33941 CU. YD	33242 CU. YD (FILL)

EARTHWORK QUANTITIES ARE ESTIMATED

SHEET 2-2
SURVEY NO. 7999A





ACCESS ROAD PLAT (7600359R)

ACCESS ROAD TO THE TRIONYX 6 WELLPAD 2 (TRIONYX 6-7 FED COM 521H, 522H, 520H)

**DEVON ENERGY PRODUCTION COMPANY, L.P.
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
SECTION 6, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
JANUARY 7, 2021**

DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING BUREAU OF LAND MANAGEMENT LAND IN SECTION 6, 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 LOT 3 OF SAID SECTION 6, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M., WHENCE THE NORTH QUARTER CORNER OF SAID SECTION 6, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M. BEARS N84°34'59"E, A DISTANCE OF 715.86 FEET;

THENCE S00°15'15"E A DISTANCE OF 647.10 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S89°38'34"W A DISTANCE OF 159.85 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTHWEST CORNER OF SAID SECTION 6, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M. BEARS N68°26'51"W, A DISTANCE OF 1901.20 FEET;

SAID STRIP OF LAND BEING 806.95 FEET OR 48.91 RODS IN LENGTH, CONTAINING 0.556 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

LOT 3 806.95 L.F. 48.91 RODS 0.556 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 08 DAY OF JANUARY 2021.

(Signature of Filimon F. Jaramillo)
FILIMON F. JARAMILLO PLS. 12797

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

SURVEY NO. 7999A

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. CARLSBAD, NEW MEXICO

301 SOUTH CANAL
(575) 234-3341

TRIONYX 6-7 FED COM 520H

1. Geologic Formations

TVD of target	8895	Pilot hole depth	N/A
MD at TD:	19407	Deepest expected fresh water	

Basin

Formation	Depth (TVD) from KB	Water/Mineral Bearing/Target Zone?	Hazards*
Rustler	710		
Salt	1075		
Base of Salt	4250		
Lamar	4445		
Delaware	4500		
Cherry Canyon	4345		
Brushy Canyon	6745		
1st Bone Spring Lime	8375		
Leonard	8475		

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

TRIONYX 6-7 FED COM 520H

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	735	0	735
12 1/4	9 5/8	40	J-55	BTC	0	4350	0	4350
8 3/4	5 1/2	17	P110	BTC	0	19407	0	8895

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

TRIONYX 6-7 FED COM 520H

3. Cementing Program (3-String Primary Design)

Casing	# Sks	TOC	Wt. (lb/gal)	Yld (ft ³ /sack)	Slurry Description
Surface	570	Surf	13.2	1.4	Lead: Class C Cement + additives
Int 1	472	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
	472	Surf	9.0	3.3	Lead: Class C Cement + additives
	154	500' above shoe	13.2	1.4	Tail: Class H / C + additives
Production	404	500' tieback	9.0	3.3	Lead: Class H / C + additives
	2087	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%

TRIONYX 6-7 FED COM 520H

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*		

TRIONYX 6-7 FED COM 520H

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
---	-----------------------------

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	4163
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.

TRIONYX 6-7 FED COM 520H

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

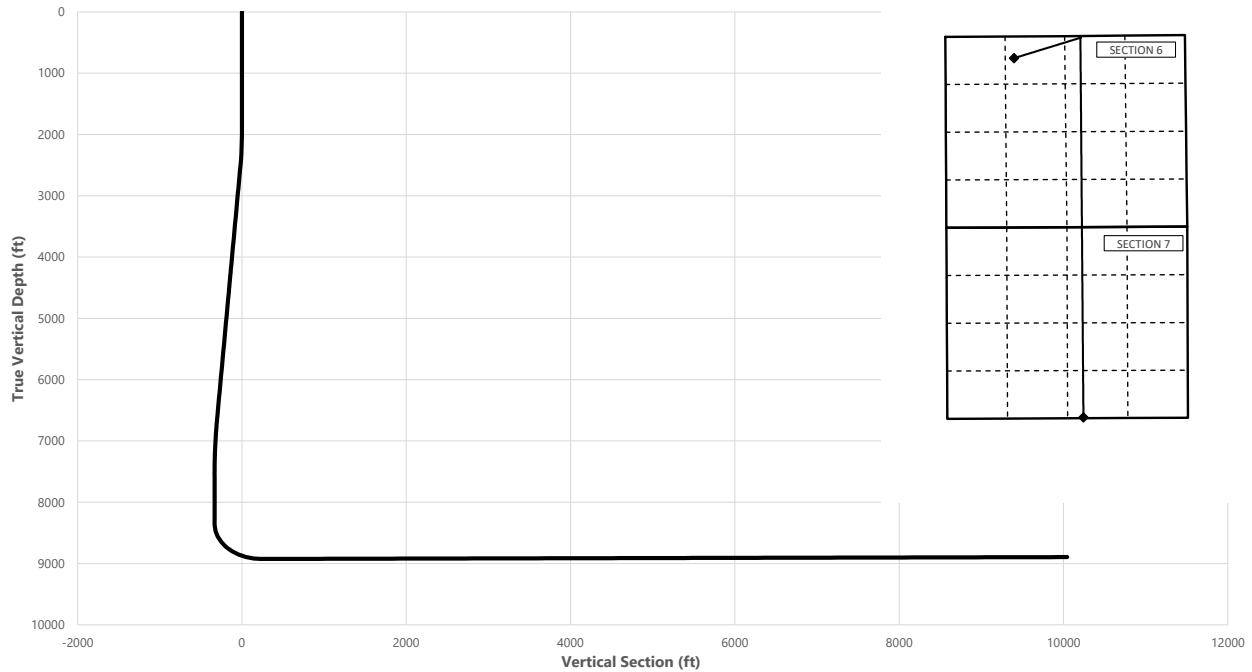
TRIONYX 6-7 FED COM 520H



Well: TRIONYX 6-7 FED COM 520H
 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	69.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2500.00	18.00	69.00	2491.82	27.92	72.72	-16.48	1.00	Hold Tangent
6881.50	18.00	69.00	6658.87	513.13	1336.75	-302.90	0.00	Drop to Vertical
7781.50	0.00	69.00	7544.14	563.38	1467.65	-332.56	2.00	Hold Vertical
8589.41	0.00	179.64	8352.04	563.38	1467.65	-332.56	0.00	KOP
9491.14	90.17	179.64	8925.00	-11.30	1471.31	235.92	10.00	Landing Point
19407.07	90.17	179.64	8895.00	-9926.99	1534.48	10044.89	0.00	BHL



Key Depths

	MD (ft)	TVD (ft)
Rustler	0.00	0.00
Salt	1075.00	1075.00
Base of Salt	4348.66	4250.00
Lamar	4553.70	4445.00
Delaware	4611.53	4500.00
Cherry Canyon	4611.53	4500.00
Brushy Canyon	6971.62	6745.00
1st Bone Spring Lime	8612.37	8375.00
Leonard / Point of Penetration	8713.32	8475.00
exit	19327.07	8895.26

SHL
 KOP
 Point of Penetration
 Exit
 BHL

MD (ft)	TVD (ft)	Lat (°)	Long (°)	Section Footages
0.00	0.00	32.1648	-103.7181	600' FNL, 1515' FWL of Sec 6 in T25S, R32E
8589.41	8352.04	32.1664	-103.7134	48' FNL, 2310' FEL of Sec 6 in T25S, R32E
8713.32	8475.00	32.1663	-103.7133	100' FNL, 2310' FEL of Sec 6 in T25S, R32E
19327.07	8895.26	32.1378	-103.7133	100' FSL, 2310' FEL of Sec 7 in T25S, R32E
19407.07	8895.00	32.1375	-103.7134	20' FSL, 2310' FEL of Sec 7 in T25S, R32E

TRIONYX 6-7 FED COM 520H



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

MD	INC	AZI	TVD	NS	EW	VS	DLS	Comment
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL
100.00	0.00	69.00	100.00	0.00	0.00	0.00	0.00	
200.00	0.00	69.00	200.00	0.00	0.00	0.00	0.00	
300.00	0.00	69.00	300.00	0.00	0.00	0.00	0.00	
400.00	0.00	69.00	400.00	0.00	0.00	0.00	0.00	
500.00	0.00	69.00	500.00	0.00	0.00	0.00	0.00	
600.00	0.00	69.00	600.00	0.00	0.00	0.00	0.00	
700.00	0.00	69.00	700.00	0.00	0.00	0.00	0.00	
710.00	0.00	69.00	710.00	0.00	0.00	0.00	0.00	Rustler
800.00	0.00	69.00	800.00	0.00	0.00	0.00	0.00	
900.00	0.00	69.00	900.00	0.00	0.00	0.00	0.00	
1000.00	0.00	69.00	1000.00	0.00	0.00	0.00	0.00	
1075.00	0.00	69.00	1075.00	0.00	0.00	0.00	0.00	Salt
1100.00	0.00	69.00	1100.00	0.00	0.00	0.00	0.00	
1200.00	0.00	69.00	1200.00	0.00	0.00	0.00	0.00	
1300.00	0.00	69.00	1300.00	0.00	0.00	0.00	0.00	
1400.00	0.00	69.00	1400.00	0.00	0.00	0.00	0.00	
1500.00	0.00	69.00	1500.00	0.00	0.00	0.00	0.00	
1600.00	0.00	69.00	1600.00	0.00	0.00	0.00	0.00	
1700.00	0.00	69.00	1700.00	0.00	0.00	0.00	0.00	
1800.00	0.00	69.00	1800.00	0.00	0.00	0.00	0.00	
1900.00	0.00	69.00	1900.00	0.00	0.00	0.00	0.00	
2000.00	0.00	69.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2100.00	3.60	69.00	2099.93	1.13	2.93	-0.66	3.60	
2200.00	7.20	69.00	2199.47	4.50	11.72	-2.65	3.60	
2300.00	10.80	69.00	2298.23	10.10	26.32	-5.96	3.60	
2400.00	14.40	69.00	2395.80	17.92	46.68	-10.58	3.60	
2500.00	18.00	69.00	2491.82	27.92	72.72	-16.48	1.00	Hold Tangent
2600.00	18.00	69.00	2586.92	38.99	101.57	-23.02	0.00	
2700.00	18.00	69.00	2682.03	50.06	130.42	-29.55	0.00	
2800.00	18.00	69.00	2777.13	61.14	159.27	-36.09	0.00	
2900.00	18.00	69.00	2872.24	72.21	188.12	-42.63	0.00	
3000.00	18.00	69.00	2967.34	83.29	216.97	-49.16	0.00	
3100.00	18.00	69.00	3062.45	94.36	245.82	-55.70	0.00	
3200.00	18.00	69.00	3157.56	105.43	274.67	-62.24	0.00	
3300.00	18.00	69.00	3252.66	116.51	303.52	-68.78	0.00	
3400.00	18.00	69.00	3347.77	127.58	332.36	-75.31	0.00	
3500.00	18.00	69.00	3442.87	138.66	361.21	-81.85	0.00	
3600.00	18.00	69.00	3537.98	149.73	390.06	-88.39	0.00	
3700.00	18.00	69.00	3633.08	160.81	418.91	-94.92	0.00	
3800.00	18.00	69.00	3728.19	171.88	447.76	-101.46	0.00	
3900.00	18.00	69.00	3823.30	182.95	476.61	-108.00	0.00	
4000.00	18.00	69.00	3918.40	194.03	505.46	-114.54	0.00	
4100.00	18.00	69.00	4013.51	205.10	534.31	-121.07	0.00	
4200.00	18.00	69.00	4108.61	216.18	563.16	-127.61	0.00	
4300.00	18.00	69.00	4203.72	227.25	592.01	-134.15	0.00	
4348.66	18.00	69.00	4250.00	232.64	606.05	-137.33	0.00	Base of Salt
4400.00	18.00	69.00	4298.82	238.33	620.86	-140.68	0.00	
4500.00	18.00	69.00	4393.93	249.40	649.71	-147.22	0.00	
4553.70	18.00	69.00	4445.00	255.35	665.20	-150.73	0.00	Lamar
4600.00	18.00	69.00	4489.03	260.47	678.56	-153.76	0.00	
4611.53	18.00	69.00	4500.00	261.75	681.88	-154.51	0.00	Delaware, Cherry Canyon ,
4700.00	18.00	69.00	4584.14	271.55	707.40	-160.30	0.00	
4800.00	18.00	69.00	4679.25	282.62	736.25	-166.83	0.00	
4900.00	18.00	69.00	4774.35	293.70	765.10	-173.37	0.00	
5000.00	18.00	69.00	4869.46	304.77	793.95	-179.91	0.00	
5100.00	18.00	69.00	4964.56	315.84	822.80	-186.44	0.00	
5200.00	18.00	69.00	5059.67	326.92	851.65	-192.98	0.00	
5300.00	18.00	69.00	5154.77	337.99	880.50	-199.52	0.00	
5400.00	18.00	69.00	5249.88	349.07	909.35	-206.05	0.00	
5500.00	18.00	69.00	5344.99	360.14	938.20	-212.59	0.00	
5600.00	18.00	69.00	5440.09	371.22	967.05	-219.13	0.00	
5700.00	18.00	69.00	5535.20	382.29	995.90	-225.67	0.00	
5800.00	18.00	69.00	5630.30	393.36	1024.75	-232.20	0.00	
5900.00	18.00	69.00	5725.41	404.44	1053.59	-238.74	0.00	
6000.00	18.00	69.00	5820.51	415.51	1082.44	-245.28	0.00	
6100.00	18.00	69.00	5915.62	426.59	1111.29	-251.81	0.00	
6200.00	18.00	69.00	6010.73	437.66	1140.14	-258.35	0.00	
6300.00	18.00	69.00	6105.83	448.73	1168.99	-264.89	0.00	
6400.00	18.00	69.00	6200.94	459.81	1197.84	-271.43	0.00	

TRIONYX 6-7 FED COM 520H



Well: TRIONYX 6-7 FED COM 520H
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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
6500.00	18.00	69.00	6296.04	470.88	1226.69	-277.96	0.00	
6600.00	18.00	69.00	6391.15	481.96	1255.54	-284.50	0.00	
6700.00	18.00	69.00	6486.25	493.03	1284.39	-291.04	0.00	
6800.00	18.00	69.00	6581.36	504.11	1313.24	-297.57	0.00	
6881.50	18.00	69.00	6658.87	513.13	1336.75	-302.90	0.00	Drop to Vertical
6900.00	17.63	69.00	6676.48	515.16	1342.03	-304.10	2.00	
6971.62	16.20	69.00	6745.00	522.63	1361.49	-308.51	2.00	Brushy Canyon
7000.00	15.63	69.00	6772.30	525.41	1368.75	-310.15	2.00	
7100.00	13.63	69.00	6869.05	534.47	1392.33	-315.50	2.00	
7200.00	11.63	69.00	6966.62	542.30	1412.74	-320.12	2.00	
7300.00	9.63	69.00	7064.90	548.91	1429.96	-324.02	2.00	
7400.00	7.63	69.00	7163.77	554.29	1443.97	-327.20	2.00	
7500.00	5.63	69.00	7263.09	558.43	1454.75	-329.64	2.00	
7600.00	3.63	69.00	7362.76	561.32	1462.28	-331.35	2.00	
7700.00	1.63	69.00	7462.65	562.96	1466.57	-332.32	2.00	
7781.50	0.00	69.00	7544.14	563.38	1467.65	-332.56	2.00	Hold Vertical
7800.00	0.00	179.64	7562.64	563.38	1467.65	-332.56	0.00	
7900.00	0.00	179.64	7662.64	563.38	1467.65	-332.56	0.00	
8000.00	0.00	179.64	7762.64	563.38	1467.65	-332.56	0.00	
8100.00	0.00	179.64	7862.64	563.38	1467.65	-332.56	0.00	
8200.00	0.00	179.64	7962.64	563.38	1467.65	-332.56	0.00	
8300.00	0.00	179.64	8062.64	563.38	1467.65	-332.56	0.00	
8400.00	0.00	179.64	8162.64	563.38	1467.65	-332.56	0.00	
8500.00	0.00	179.64	8262.64	563.38	1467.65	-332.56	0.00	
8589.41	0.00	179.64	8352.04	563.38	1467.65	-332.56	0.00	KOP
8600.00	1.06	179.64	8362.64	563.28	1467.65	-332.47	10.00	
8612.37	2.30	179.64	8375.00	562.92	1467.65	-332.11	10.00	1st Bone Spring Lime
8700.00	11.06	179.64	8461.95	552.74	1467.72	-322.04	10.00	
8713.32	12.39	179.64	8475.00	550.03	1467.73	-319.36	10.00	Leonard / Point of Penetration
8800.00	21.06	179.64	8557.93	525.11	1467.89	-294.71	10.00	
8900.00	31.06	179.64	8647.65	481.24	1468.17	-251.30	10.00	
9000.00	41.06	179.64	8728.39	422.45	1468.55	-193.15	10.00	
9100.00	51.06	179.64	8797.69	350.54	1469.01	-122.01	10.00	
9200.00	61.06	179.64	8853.45	267.68	1469.53	-40.05	10.00	
9300.00	71.06	179.64	8893.98	176.40	1470.12	50.25	10.00	
9400.00	81.06	179.64	8918.04	79.47	1470.73	146.13	10.00	
9491.14	90.17	179.64	8925.00	-11.30	1471.31	235.92	10.00	Landing Point
9500.00	90.17	179.64	8924.97	-20.16	1471.37	244.70	0.00	
9600.00	90.17	179.64	8924.67	-120.16	1472.00	343.62	0.00	
9700.00	90.17	179.64	8924.37	-220.16	1472.64	442.54	0.00	
9800.00	90.17	179.64	8924.07	-320.15	1473.28	541.46	0.00	
9900.00	90.17	179.64	8923.76	-420.15	1473.92	640.38	0.00	
10000.00	90.17	179.64	8923.46	-520.15	1474.55	739.30	0.00	
10100.00	90.17	179.64	8923.16	-620.15	1475.19	838.22	0.00	
10200.00	90.17	179.64	8922.86	-720.14	1475.83	937.14	0.00	
10300.00	90.17	179.64	8922.55	-820.14	1476.47	1036.07	0.00	
10400.00	90.17	179.64	8922.25	-920.14	1477.10	1134.99	0.00	
10500.00	90.17	179.64	8921.95	-1020.14	1477.74	1233.91	0.00	
10600.00	90.17	179.64	8921.65	-1120.13	1478.38	1332.83	0.00	
10700.00	90.17	179.64	8921.34	-1220.13	1479.01	1431.75	0.00	
10800.00	90.17	179.64	8921.04	-1320.13	1479.65	1530.67	0.00	
10900.00	90.17	179.64	8920.74	-1420.13	1480.29	1629.59	0.00	
11000.00	90.17	179.64	8920.44	-1520.12	1480.93	1728.51	0.00	
11100.00	90.17	179.64	8920.13	-1620.12	1481.56	1827.44	0.00	
11200.00	90.17	179.64	8919.83	-1720.12	1482.20	1926.36	0.00	
11300.00	90.17	179.64	8919.53	-1820.12	1482.84	2025.28	0.00	
11400.00	90.17	179.64	8919.23	-1920.11	1483.48	2124.20	0.00	
11500.00	90.17	179.64	8918.93	-2020.11	1484.11	2223.12	0.00	
11600.00	90.17	179.64	8918.62	-2120.11	1484.75	2322.04	0.00	
11700.00	90.17	179.64	8918.32	-2220.11	1485.39	2420.96	0.00	
11800.00	90.17	179.64	8918.02	-2320.11	1486.03	2519.88	0.00	
11900.00	90.17	179.64	8917.72	-2420.10	1486.66	2618.80	0.00	
12000.00	90.17	179.64	8917.41	-2520.10	1487.30	2717.73	0.00	
12100.00	90.17	179.64	8917.11	-2620.10	1487.94	2816.65	0.00	
12200.00	90.17	179.64	8916.81	-2720.10	1488.57	2915.57	0.00	
12300.00	90.17	179.64	8916.51	-2820.09	1489.21	3014.49	0.00	
12400.00	90.17	179.64	8916.20	-2920.09	1489.85	3113.41	0.00	
12500.00	90.17	179.64	8915.90	-3020.09	1490.49	3212.33	0.00	
12600.00	90.17	179.64	8915.60	-3120.09	1491.12	3311.25	0.00	
12700.00	90.17	179.64	8915.30	-3220.08	1491.76	3410.17	0.00	

TRIONYX 6-7 FED COM 520H



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 Ellipsoid: Clarke 1866
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MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
12800.00	90.17	179.64	8914.99	-3320.08	1492.40	3509.10	0.00	
12900.00	90.17	179.64	8914.69	-3420.08	1493.04	3608.02	0.00	
13000.00	90.17	179.64	8914.39	-3520.08	1493.67	3706.94	0.00	
13100.00	90.17	179.64	8914.09	-3620.07	1494.31	3805.86	0.00	
13200.00	90.17	179.64	8913.78	-3720.07	1494.95	3904.78	0.00	
13300.00	90.17	179.64	8913.48	-3820.07	1495.58	4003.70	0.00	
13400.00	90.17	179.64	8913.18	-3920.07	1496.22	4102.62	0.00	
13500.00	90.17	179.64	8912.88	-4020.06	1496.86	4201.54	0.00	
13600.00	90.17	179.64	8912.57	-4120.06	1497.50	4300.46	0.00	
13700.00	90.17	179.64	8912.27	-4220.06	1498.13	4399.39	0.00	
13800.00	90.17	179.64	8911.97	-4320.06	1498.77	4498.31	0.00	
13900.00	90.17	179.64	8911.67	-4420.05	1499.41	4597.23	0.00	
14000.00	90.17	179.64	8911.36	-4520.05	1500.05	4696.15	0.00	
14100.00	90.17	179.64	8911.06	-4620.05	1500.68	4795.07	0.00	
14200.00	90.17	179.64	8910.76	-4720.05	1501.32	4893.99	0.00	
14300.00	90.17	179.64	8910.46	-4820.04	1501.96	4992.91	0.00	
14400.00	90.17	179.64	8910.16	-4920.04	1502.60	5091.83	0.00	
14500.00	90.17	179.64	8909.85	-5020.04	1503.23	5190.76	0.00	
14600.00	90.17	179.64	8909.55	-5120.04	1503.87	5289.68	0.00	
14700.00	90.17	179.64	8909.25	-5220.03	1504.51	5388.60	0.00	
14800.00	90.17	179.64	8908.95	-5320.03	1505.14	5487.52	0.00	
14900.00	90.17	179.64	8908.64	-5420.03	1505.78	5586.44	0.00	
15000.00	90.17	179.64	8908.34	-5520.03	1506.42	5685.36	0.00	
15100.00	90.17	179.64	8908.04	-5620.02	1507.06	5784.28	0.00	
15200.00	90.17	179.64	8907.74	-5720.02	1507.69	5883.20	0.00	
15300.00	90.17	179.64	8907.43	-5820.02	1508.33	5982.12	0.00	
15400.00	90.17	179.64	8907.13	-5920.02	1508.97	6081.05	0.00	
15500.00	90.17	179.64	8906.83	-6020.01	1509.61	6179.97	0.00	
15600.00	90.17	179.64	8906.53	-6120.01	1510.24	6278.89	0.00	
15700.00	90.17	179.64	8906.22	-6220.01	1510.88	6377.81	0.00	
15800.00	90.17	179.64	8905.92	-6320.01	1511.52	6476.73	0.00	
15900.00	90.17	179.64	8905.62	-6420.00	1512.15	6575.65	0.00	
16000.00	90.17	179.64	8905.32	-6520.00	1512.79	6674.57	0.00	
16100.00	90.17	179.64	8905.01	-6620.00	1513.43	6773.49	0.00	
16200.00	90.17	179.64	8904.71	-6720.00	1514.07	6872.42	0.00	
16300.00	90.17	179.64	8904.41	-6819.99	1514.70	6971.34	0.00	
16400.00	90.17	179.64	8904.11	-6919.99	1515.34	7070.26	0.00	
16500.00	90.17	179.64	8903.80	-7019.99	1515.98	7169.18	0.00	
16600.00	90.17	179.64	8903.50	-7119.99	1516.62	7268.10	0.00	
16700.00	90.17	179.64	8903.20	-7219.98	1517.25	7367.02	0.00	
16800.00	90.17	179.64	8902.90	-7319.98	1517.89	7465.94	0.00	
16900.00	90.17	179.64	8902.60	-7419.98	1518.53	7564.86	0.00	
17000.00	90.17	179.64	8902.29	-7519.98	1519.16	7663.78	0.00	
17100.00	90.17	179.64	8901.99	-7619.97	1519.80	7762.71	0.00	
17200.00	90.17	179.64	8901.69	-7719.97	1520.44	7861.63	0.00	
17300.00	90.17	179.64	8901.39	-7819.97	1521.08	7960.55	0.00	
17400.00	90.17	179.64	8901.08	-7919.97	1521.71	8059.47	0.00	
17500.00	90.17	179.64	8900.78	-8019.96	1522.35	8158.39	0.00	
17600.00	90.17	179.64	8900.48	-8119.96	1522.99	8257.31	0.00	
17700.00	90.17	179.64	8900.18	-8219.96	1523.63	8356.23	0.00	
17800.00	90.17	179.64	8899.87	-8319.96	1524.26	8455.15	0.00	
17900.00	90.17	179.64	8899.57	-8419.95	1524.90	8554.08	0.00	
18000.00	90.17	179.64	8899.27	-8519.95	1525.54	8653.00	0.00	
18100.00	90.17	179.64	8898.97	-8619.95	1526.18	8751.92	0.00	
18200.00	90.17	179.64	8898.66	-8719.95	1526.81	8850.84	0.00	
18300.00	90.17	179.64	8898.36	-8819.94	1527.45	8949.76	0.00	
18400.00	90.17	179.64	8898.06	-8919.94	1528.09	9048.68	0.00	
18500.00	90.17	179.64	8897.76	-9019.94	1528.72	9147.60	0.00	
18600.00	90.17	179.64	8897.45	-9119.94	1529.36	9246.52	0.00	
18700.00	90.17	179.64	8897.15	-9219.93	1530.00	9345.44	0.00	
18800.00	90.17	179.64	8896.85	-9319.93	1530.64	9444.37	0.00	
18900.00	90.17	179.64	8896.55	-9419.93	1531.27	9543.29	0.00	
19000.00	90.17	179.64	8896.24	-9519.93	1531.91	9642.21	0.00	
19100.00	90.17	179.64	8895.94	-9619.92	1532.55	9741.13	0.00	
19200.00	90.17	179.64	8895.64	-9719.92	1533.19	9840.05	0.00	
19300.00	90.17	179.64	8895.34	-9819.92	1533.82	9938.97	0.00	
19327.07	90.17	179.64	8895.26	-9846.99	1534.00	9965.75	0.00	exit
19400.00	90.17	179.64	8895.03	-9919.92	1534.46	10037.89	0.00	
19407.07	90.17	179.64	8895.00	-9926.99	1534.48	10044.89	0.00	BHL



Well: TRIONYX 6-7 FED COM 520H
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	INC	AZI	TVD	NS	EW	VS	DLS	Comment
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	

Well Name: TRIONYX 6-7 FED COM	Well Location: T25S / R32E / SEC 6 / LOT 3 / 32.1649357 / -103.7180645	County or Parish/State: LEA / NM
Well Number: 520H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0061863A, NMLC061863A	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547981	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: 01/14/2021	Time Sundry Submitted: 10:05
Date proposed operation will begin: 01/13/2021	

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: SESW, 20 FSL, 2250 FWL, 7-25-32E Proposed BHL: SWSE, 20 FSL, 2310 FEL, 7-25S-32E

Application

Received by OCD: 2/9/2021 12:28:07 PM

Page 26 of 48

Well Name: TRIONYX 6-7 FED COM	Well Location: T25S / R32E / SEC 6 / LOT 3 / 32.1649357 / -103.7180645	County or Parish/State: LEA / NM
Well Number: 520H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0061863A, NMLC061863A	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547981	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Section 1 - General

APD ID: 10400055977	Tie to previous NOS? N	Submission Date: 04/08/2020
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: NMLC0061863A	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: TRIONYX 6-7 FED COM	Well Number: 520H	Well API Number: 3002547981
Field/Pool or Exploratory? Field and Pool	Field Name: WC-025 G-06 S253206M;BONE SPRING	Pool Name: BONESPRING
Is the proposed well in an area containing other mineral resources? NATURAL GAS,OIL		
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: TRIONYX 6 WELLPAD	Number: 2
Well Class: HORIZONTAL	Number of Legs: 1	
Well Work Type: Drill		
Well Type: OIL WELL		

Well Name: TRIONYX 6-7 FED COM

Well Number: 520H

Lease Number: NMLC0061863A,
NMLC061863A

US Well Number: 3002547981

Well Location: T25S / R32E / SEC 6 /
LOT 3 / 32.1649357 / -103.7180645

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

Describe Well Type:

Well sub-Type: INFILL

Describe sub-type:

Distance to town:Distance to nearest well: 164 FTDistance to lease line: 600 FT

Reservoir well spacing assigned acres Measurement: 640 Acres

Well plat: WA018036300_TRIONYX_6_7_FED_COM_520H_WL_P_R2_20210114095027.pdf

Well work start Date: 02/28/2021Duration: 45 DAYS

Section 3 - Well Location Table

Survey Type: RECTANGULAR

Describe Survey Type:

Datum: NAD83Vertical Datum: NAVD88

Survey number: 7999AReference 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	600	FNL	1515	FWL	25S	32E	6	Lot 3	32.1649357	-103.7180645	LEA	NEW MEXICO	NEW MEXICO	F	NMLC0061863A	3477	0	0	Y
KOP Leg #1	48	FNL	2310	FEL	25S	32E	6	Lot 2	32.1663607	-103.7132991	LEA	NEW MEXICO	NEW MEXICO	F	NMLC0061863A	-4875	8589	8352	Y
PPP Leg #1-1	100	FNL	2310	FEL	25S	32E	6	Lot 2	32.1663177	-103.7133051	LEA	NEW MEXICO	NEW MEXICO	F	NMLC0061863A	-4998	8713	8475	Y
EXIT Leg #1	100	FSL	2310	FEL	25S	32E	7	Aliquot SWSE	32.1378501	-103.7132908	LEA	NEW MEXICO	NEW MEXICO	F	NMLC0061873	-5418	19327	8895	Y

Received by OCD: 2/9/2021 12:28:07 PM

Well Name: TRIONYX 6-7 FED COM

Well Location: T25S / R32E / SEC 6 / LOT 3 / 32.1649357 / -103.7180645

County or Parish/State: LEA / NM

Well Number: 520H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMLC0061863A, NMLC061863A

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002547981

Well Status: Approved Application for Permit to Drill

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?
BHL Leg #1	20	FSL	2310	FEL	25S	32E	7	Aliquot SWSE	32.1376301	-103.7132915	LEA	NEW MEXICO	NEW MEXICO	F	NMLC0061873	-5418	19407	8895	Y

Drilling Plan

Section 1 - Geologic Formations

Formation ID	Formation Name	Elevation	True Vertical Depth	Measured Depth	Lithologies	Mineral Resources	Producing Formation
1380076	UNKNOWN	3477	0	0	OTHER : SURFACE	NONE	N
1380077	RUSTLER	2767	710	710	SANDSTONE	NONE	N
1380078	SALADO	2402	1075	1075	SALT	NONE	N
1380079	BASE OF SALT	-773	4250	4250	ANHYDRITE	NATURAL GAS, OIL	N
1380081	CHERRY CANYON	-868	4345	4345	SANDSTONE	NATURAL GAS, OIL	N
1380080	BELL CANYON	-1023	4500	4500	SANDSTONE	NATURAL GAS, OIL	N
1380082	BRUSHY CANYON	-3268	6745	6745	SANDSTONE	NATURAL GAS, OIL	N
1380089	BONE SPRING LIME	-4898	8375	8375	LIMESTONE	NATURAL GAS, OIL	Y
1380083	BONE SPRING	-5903	9380	9380	SANDSTONE	NATURAL GAS, OIL	N
1380085	BONE SPRING 2ND	-6453	9930	9930	SANDSTONE	NATURAL GAS, OIL	N
1380090	BONE SPRING LIME	-6988	10465	10465	LIMESTONE	NATURAL GAS, OIL	N
1380086	BONE SPRING 3RD	-7768	11245	11245	SANDSTONE	NATURAL GAS, OIL	N
1380087	WOLFCAMP	-8198	11675	11675	SHALE	NATURAL GAS, OIL	N
1380088	STRAWN	-10148	13625	13625	LIMESTONE	NATURAL GAS, OIL	N

Section 2 - Blowout Prevention

Well Name: TRIONYX 6-7 FED COM

Well Number: 520H

Lease Number: NMLC0061863A,
NMLC061863A

US Well Number: 3002547981

Well Location: T25S / R32E / SEC 6 /
LOT 3 / 32.1649357 / -103.7180645

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

Pressure Rating (PSI): 5M

Rating Depth: 8895

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 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:

- MB_Verb_5M_20200407220955.pdf
- 5M_BOPE__CK_20200407220956.pdf
- MB_Wellhd_5M_13.375_9.625_5.5_20200407220956.pdf

BOP Diagram Attachment:

5M_BOPE__CK_20200407221006.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	735	0	735	3477	2742	735	H-40	48	OTHER - BTC	1.125	1	BUOY	1.6	BUOY	1.6
2	INTERMEDIATE	12.25	9.625	NEW	API	N	0	4350	0	4350	3576	-873	4350	J-55	40	OTHER - BTC	1.125	1	BUOY	1.6	BUOY	1.6
3	PRODUCTION	8.75	5.5	NEW	API	N	0	19407	0	8895	3576	-5418	19407	P-110	17	OTHER - BTC	1.125	1	BUOY	1.6	BUOY	1.6

Casing Attachments

Received by OCD: 2/9/2021 12:28:07 PM

Page 30 of 48

Well Name: TRIONYX 6-7 FED COM	Well Location: T25S / R32E / SEC 6 / LOT 3 / 32.1649357 / -103.7180645	County or Parish/State: LEA / NM
Well Number: 520H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0061863A, NMLC061863A	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547981	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Casing Attachments

Casing ID: 1String Type: SURFACE

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Surf_Csg_Ass_20190730113310.pdf

Casing ID: 2String Type: INTERMEDIATE

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Int_Csg_Ass_20190730113522.pdf

Casing ID: 3String Type: PRODUCTION

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Prod_Csg_Ass_20190730113701.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
-------------	-----------	------------------	--------	-----------	--------------	-------	---------	-------	---------	-------------	-----------

Received by OCD: 2/9/2021 12:28:07 PM

Well Name: TRIONYX 6-7 FED COM

Well Location: T25S / R32E / SEC 6 / LOT 3 / 32.1649357 / -103.7180645

County or Parish/State: LEA / NM

Well Number: 520H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMLC0061863A, NMLC061863A

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002547981

Well Status: Approved Application for Permit to Drill

Operator: DEVON ENERGY PRODUCTION COMPANY LP

String Type	Lead/Tail	Stage Tool Depth	Top MD	Bottom MD	Quantity(sx)	Yield	Density	Cu Ft	Excess%	Cement type	Additives
SURFACE	Lead		0	735	570	1.44	13.2	821.4	50	C	Class C + adds

INTERMEDIATE	Lead		0	3850	472	3.27	9	1545	30	C	Class C Cement + additives
INTERMEDIATE	Tail		3850	4350	153.8	1.44	13.2	221.5	30	C	Class H / C + additives
PRODUCTION	Lead		3850	8589	404	3.27	9	1321.4	10	TUNED	Class H /C + additives
PRODUCTION	Tail		8589	19407	2087	1.44	13.2	3005.8	10	H	Class H /C + additives

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
0	735	WATER-BASED MUD	8.5	9				2			
735	4350	OTHER : DBE / Cut Brine	10	10.5				2			
4350	8895	WATER-BASED MUD	8.5	9							

Received by OCD: 2/9/2021 12:28:07 PM

Page 32 of 48

Well Name: TRIONYX 6-7 FED COM	Well Location: T25S / R32E / SEC 6 / LOT 3 / 32.1649357 / -103.7180645	County or Parish/State: LEA / NM
Well Number: 520H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0061863A, NMLC061863A	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547981	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

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/GEOLOGICAL LITHOLOGY LOG,

Coring operation description for the well:

N/A

Section 7 - Pressure

Anticipated Bottom Hole Pressure: 4163 Anticipated Surface Pressure: 2206

Anticipated Bottom Hole Temperature(F): 125

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:

Trionyx_6_7_Fed_Com_520H_H2S_20200407221534.pdf

Section 8 - Other Information

Proposed horizontal/directional/multi-lateral plan submission:

TRIONYX_6_7_FED_COM_520H_20210114094901.pdf

TRIONYX_6_7_FED_COM_520H_Directional_Plan_01_13_21_20210114094901.pdf

Other proposed operations facets description:

Other proposed operations facets attachment:

GAS_CAPTURE_TRIONYX_6_CTB_3_20200406131039.pdf

Clsd_Loop_20190730115304.pdf

Spudder_Rig_Info_20190730115304.pdf

Other Variance attachment:

Co_flex_20190730115411.pdf

SUPO

Received by OCD: 2/9/2021 12:28:07 PM

Page 33 of 48

Well Name: TRIONYX 6-7 FED COM	Well Location: T25S / R32E / SEC 6 / LOT 3 / 32.1649357 / -103.7180645	County or Parish/State: LEA / NM
Well Number: 520H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0061863A, NMLC061863A	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547981	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_20200407221857.pdf

7600363R_TRIONYX_6_PRIMARY_ACCESS_20200407221857.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_20200407221913.pdf

New road type: COLLECTOR,RESOURCE

Length: 8099 Feet

Width (ft.): 30

Max slope (%): 6

Max grade (%): 4

Army Corp of Engineers (ACOE) permit required? N

ACOE Permit Number(s):

New road travel width: 20

New road access erosion control: n/a

New road access plan or profile prepared? N

New road access plan attachment:

ACCESS_RD_PLAT_PG_20190816121636.pdf

Access road engineering design? N

Access road engineering design attachment:

ACCESS_RD_PLAT_PG_20190816121644.pdf

Turnout? N

Access surfacing type: OTHER

Access topsoil source: ONSITE

Access surfacing type description: caliche

Received by OCD: 2/9/2021 12:28:07 PM

Page 34 of 48

Well Name: TRIONYX 6-7 FED COM	Well Location: T25S / R32E / SEC 6 / LOT 3 / 32.1649357 / -103.7180645	County or Parish/State: LEA / NM
Well Number: 520H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0061863A, NMLC061863A	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547981	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Access onsite topsoil source depth: 6

Offsite topsoil source description:

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

Drainage Control comments: n/a

Road Drainage Control Structures (DCS) description: n/a

Road Drainage Control Structures (DCS) attachment:

Access Additional Attachments

Section 3 - Location of Existing Wells

Existing Wells Map? YES

Attach Well map:

TRIONYX_6_7_FED_COM_520H_OneMileBuffer_WA018036300_20200407221944.pdf

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

Submit or defer a Proposed Production Facilities plan? SUBMIT

Production Facilities description:

Production Facilities map:

7600356F_TRIONYX_6_WELLPAD_2_TO_CTB_3_FL_P_20200406131719.pdf

AA000354620_TRIONYX_6_CTB_3_PAD_P_20200406131717.pdf

EL8543_TRIONYX_6_WP_2_EL_P_20200406131722.pdf

EL8546_TRIONYX_6_CTB_3_EL_P_20200406131723.pdf

Section 5 - Location and Types of Water Supply

Water Source Table

Water source type: RECYCLED

Water source use type: STIMULATION

Source latitude: Source longitude:

Source datum:

Water source permit type: OTHER

Well Name: TRIONYX 6-7 FED COM	Well Location: T25S / R32E / SEC 6 / LOT 3 / 32.1649357 / -103.7180645	County or Parish/State: LEA / NM
Well Number: 520H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0061863A, NMLC061863A	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547981	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Water source transport method:	TRUCKING
	PIPELINE
Source land ownership: FEDERAL	
Source transportation land ownership: FEDERAL	
Water source volume (barrels): 320000	Source volume (acre-feet): 41.24579083
Source volume (gal): 13440000	

Water source and transportation map:
TRIONYX_6_7_FED_COM_520H_521H_522H_watermap_20200406132205.pdf

Water source comments:

New water well? N

New Water Well Info

Well latitude:	Well Longitude:	Well datum:
Well target aquifer:		
Est. depth to top of aquifer(ft):	Est thickness of aquifer:	
Aquifer comments:		
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. See attached map

Construction Materials source location attachment:
Trionyx_6_Pad_2_Caliche_Map_20200406132252.pdf

Received by OCD: 2/9/2021 12:28:07 PM

Page 36 of 48

Well Name: TRIONYX 6-7 FED COM	Well Location: T25S / R32E / SEC 6 / LOT 3 / 32.1649357 / -103.7180645	County or Parish/State: LEA / NM
Well Number: 520H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0061863A, NMLC061863A	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547981	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Section 7 - Methods for Handling Waste

- Waste type:** PRODUCED WATER

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

Amount of waste: 4100 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 will be primarily disposed of at our Rattlesnake 16 SWD. Portions of this water will be recycled and used for stimulations (recycle facility co-located with SWD). Surplus produced water will be sent to third party suppliers for disposal.
- Waste type:** FLOWBACK

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

Amount of waste: 11500 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 will be primarily disposed of at our Rattlesnake 16 SWD. Portions of this water will be recycled and used for stimulations (recycle facility co-located with SWD). Surplus produced water will be sent to third party suppliers for disposal.
- 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:** DRILLING

Waste content description: Drill Cuttings

Amount of waste: 1850 barrels

Waste disposal frequency : Daily

Well Name: TRIONYX 6-7 FED COM	Well Location: T25S / R32E / SEC 6 / LOT 3 / 32.1649357 / -103.7180645	County or Parish/State: LEA / NM
Well Number: 520H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0061863A, NMLC061863A	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547981	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

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.

Reserve Pit

Reserve Pit being used? NO

Temporary disposal of produced water into reserve pit? NO

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? N

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?: N

Ancillary Facilities attachment:

Comments:

Section 9 - Well Site Layout

Well Site Layout Diagram:

RIG_LAY_OUT_20200407222026.pdf

Received by OCD: 2/9/2021 12:28:07 PM

Page 38 of 48

Well Name: TRIONYX 6-7 FED COM	Well Location: T25S / R32E / SEC 6 / LOT 3 / 32.1649357 / -103.7180645	County or Parish/State: LEA / NM
Well Number: 520H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0061863A, NMLC061863A	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547981	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Comments:

Section 10 - Plans for Surface Reclamation

Type of disturbance: New Surface Disturbance Multiple Well Pad Name: TRIONYX 6 WELLPAD
Multiple Well Pad Number: 2

Recontouring attachment:
RECLAMATION_20200407222046.pdf

Drainage/Erosion control construction: All areas disturbed shall be reclaimed as early and as nearly as practicable to their original condition or their final land use and shall be maintained to control dust and minimize erosion to the extent practicable.
Drainage/Erosion control reclamation: Topsoils and subsoils 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. The disturbed area then shall be reseeded in the first favorable growing season.

Well pad proposed disturbance (acres): 4.499	Well pad interim reclamation (acres): 2.666	Well pad long term disturbance (acres): 1.833
Road proposed disturbance (acres): 5.578	Road interim reclamation (acres): 0	Road long term disturbance (acres): 5.578
Powerline proposed disturbance (acres): 2.35	Powerline interim reclamation (acres): 0	Powerline long term disturbance (acres): 2.35
Pipeline proposed disturbance (acres): 1.183	Pipeline interim reclamation (acres): 0	Pipeline long term disturbance (acres): 1.183
Other proposed disturbance (acres): 5.74	Other interim reclamation (acres): 0	Other long term disturbance (acres): 5.74
Total proposed disturbance: 19.35	Total interim reclamation: 2.666	Total long term disturbance: 16.684

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?

Received by OCD: 2/9/2021 12:28:07 PM

Page 39 of 48

Well Name: TRIONYX 6-7 FED COM	Well Location: T25S / R32E / SEC 6 / LOT 3 / 32.1649357 / -103.7180645	County or Parish/State: LEA / NM
Well Number: 520H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0061863A, NMLC061863A	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547981	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Non native seed description:

Seedling transplant description:

Will seedlings be transplanted for this project?

Seedling transplant description attachment:

Will seed be harvested for use in site reclamation?

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:

Email:

Seedbed prep:

Seed BMP:

Seed method:

Existing invasive species? N

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

Received by OCD: 2/9/2021 12:28:07 PM

Page 40 of 48

Well Name: TRIONYX 6-7 FED COM	Well Location: T25S / R32E / SEC 6 / LOT 3 / 32.1649357 / -103.7180645	County or Parish/State: LEA / NM
Well Number: 520H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0061863A, NMLC061863A	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547981	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Disturbance type: NEW ACCESS ROAD

Describe:

Surface Owner: BUREAU OF LAND MANAGEMENT

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: PIPELINE

Describe:

Surface Owner: BUREAU OF LAND MANAGEMENT

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:

Received by OCD: 2/9/2021 12:28:07 PM

Page 41 of 48

Well Name: TRIONYX 6-7 FED COM	Well Location: T25S / R32E / SEC 6 / LOT 3 / 32.1649357 / -103.7180645	County or Parish/State: LEA / NM
Well Number: 520H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0061863A, NMLC061863A	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547981	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Disturbance type: EXISTING ACCESS ROAD

Describe:

Surface Owner: BUREAU OF LAND MANAGEMENT

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: BUREAU OF LAND MANAGEMENT

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:

Well Name: TRIONYX 6-7 FED COM	Well Location: T25S / R32E / SEC 6 / LOT 3 / 32.1649357 / -103.7180645	County or Parish/State: LEA / NM
Well Number: 520H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0061863A, NMLC061863A	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547981	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Section 12 - Other Information

Right of Way needed? N

Use APD as ROW?

ROW Type(s):

ROW Applications

SUPO Additional Information: See Section 4 for Facility & Infrastructure Plats. See C-102 for grading plats

Use a previously conducted onsite? Y

Previous Onsite information: Field Representative: Ray Vaz Field Landman - Devon Energy Office: (405) 552-4902

Other SUPO Attachment

Pay.gov_Payment_Confirmation__521H__522H__520H__530H_20200407222110.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? N

Well Name: TRIONYX 6-7 FED COM	Well Location: T25S / R32E / SEC 6 / LOT 3 / 32.1649357 / -103.7180645	County or Parish/State: LEA / NM
Well Number: 520H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0061863A, NMLC061863A	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547981	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? N

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:

Well Name: TRIONYX 6-7 FED COM	Well Location: T25S / R32E / SEC 6 / LOT 3 / 32.1649357 / -103.7180645	County or Parish/State: LEA / NM
Well Number: 520H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0061863A, NMLC061863A	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547981	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

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? N

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? N

Received by OCD: 2/9/2021 12:28:07 PM

Page 45 of 48

Well Name: TRIONYX 6-7 FED COM	Well Location: T25S / R32E / SEC 6 / LOT 3 / 32.1649357 / -103.7180645	County or Parish/State: LEA / NM
Well Number: 520H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0061863A, NMLC061863A	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547981	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? N

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: 01/14/2021

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

Received by OCD: 2/9/2021 12:28:07 PM

Page 46 of 48

Well Name: TRIONYX 6-7 FED COM	Well Location: T25S / R32E / SEC 6 / LOT 3 / 32.1649357 / -103.7180645	County or Parish/State: LEA / NM
Well Number: 520H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0061863A, NMLC061863A	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547981	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

- WA018036300_TRIONYX_6_7_FED_COM_520H_WL_P_R2_20210114093936.pdf
- TRIONYX_6_7_FED_COM_520H_Directional_Plan_01_13_21_20210114093935.pdf
- TRIONYX_6_7_FED_COM_520H_20210114093934.pdf

Well Name: TRIONYX 6-7 FED COM	Well Location: T25S / R32E / SEC 6 / LOT 3 / 32.1649357 / -103.7180645	County or Parish/State: LEA / NM
Well Number: 520H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0061863A, NMLC061863A	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547981	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 14, 2021 09:56 AM
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: 02/09/2021
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 17573

CONDITIONS OF APPROVAL

Operator:	DEVON ENERGY PRODUCTION COMPAN	333 West Sheridan Ave.	Oklahoma City, OK73102	OGRID:	6137	Action Number:	17573	Action Type:	C-103A
OCD Reviewer	Condition								
pkautz	None								