Office	ate of New Mexico inerals and Natural Resources	Form C-103 Revised August 1, 2011
District I – (575) 393-6161 Energy, M 1625 N. French Dr., Hobbs, NM 88240 District II – (575) 748-1283	morais and ivadual resources	WELL API NO. 30-015-47304
811 S. First St., Artesia, NM 88210 OIL CON	ISERVATION DIVISION	5. Indicate Type of Lease
1000 Rio Brazos Rd., Aztec, NM 87410	South St. Francis Dr. anta Fe, NM 87505	STATE FEE 6. State Oil & Gas Lease No.
1220 S. St. Francis Dr., Santa Fe, NM	inta 1 <b>c</b> , 1411 07303	o. State Off & Gas Lease No.
SUNDRY NOTICES AND REPO (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR	TO DEEPEN OR PLUG BACK TO A	7. Lease Name or Unit Agreement Name
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIPROPOSALS.)		8. Well Number #608H
2 ) (0 )	ther	Well Number #608H     OGRID Number
2 Devoit Energy Froduction	n Company, L.P.	6137
3. Address of Operator 333 West Sheridan, Okla	homa City, OK 73102	10. Pool name or Wildcat ; PURPLE SAGE; WOLFCAMP (GAS)
4. Well Location Unit Letter C: 385 feet fr	om the North line and	2615 feet from the West line
Section 26 Town	inc and	NMPM County EDDY
	Show whether DR, RKB, RT, GR, etc.,	
	GL: 3539	
12. Check Appropriate Bo	x to Indicate Nature of Notice,	Report or Other Data
NOTICE OF INTENTION TO PERFORM REMEDIAL WORK   PLUG AND AB, TEMPORARILY ABANDON   CHANGE PLAN PULL OR ALTER CASING   MULTIPLE COI	ANDON REMEDIAL WOR COMMENCE DRI	LLING OPNS. P AND A
DOWNHOLE COMMINGLE		_
OTHER:  13. Describe proposed or completed operations. of starting any proposed work). SEE RULE proposed completion or recompletion.		
PLEASE SEE ATTACHED BLM APPROVAL. Procedure Descrequests to move the SHL/BHL and on the subject well Permitted SHL: NENW, 26-24S-31E, 385 FNL, 2615 FWI Permitted BHL: SENW, 35-24S-31E; 2310 FNL, 2200 FEI	. Please see attached revised C102, Dri . Proposed SHL: NENW, 26-24S-31E, 38	ll plan, directional plan. 5 FNL, 2620 FWL
I hereby certify that the information above is true and	-	
SIGNATURE	TITLE Regulatory Specialist	DATE3/2/2021
SIGNATURE Jenny Harms  Type or print name For State Use Only  Accepted for Record - See attached	E-mail address: jenny.harms@d	vn.com PHONE: 405-552-6560
Accepted for Record - See attached	ed BLM Approval packet	
APPROVED BY:  Conditions of Approval (if any):	TITLE	DATE

Released to Imaging: 3/11/2021 4:34:08 PM

Will require an NSL

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

District III

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

1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505

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

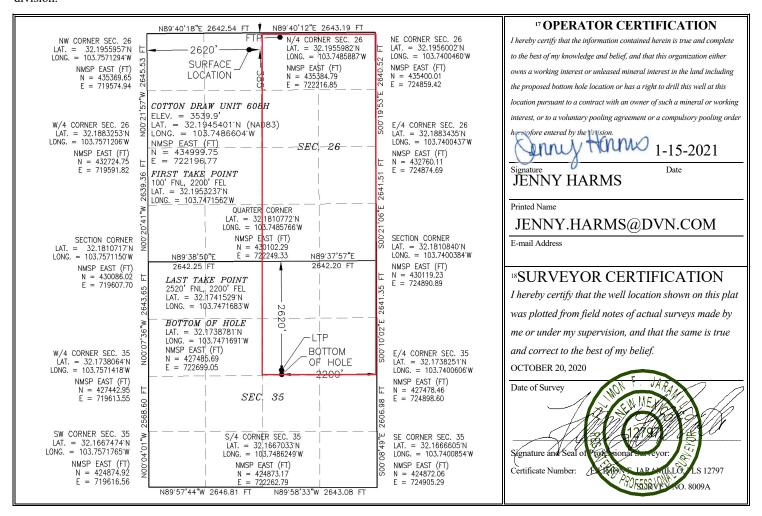
#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number	<sup>2</sup> Pool Code 98220	PURPLE SAGE; WOLFCAMP (GAS	3)
30-015-47304	70220	3)	
<sup>4</sup> Property Code	<sup>5</sup> Pr	<sup>6</sup> Well Number	
300635	COTTO	608H	
<sup>7</sup> OGRID No.	8 O <sub>l</sub>	perator Name	<sup>9</sup> Elevation
6137	DEVON ENERGY PRO	ODUCTION COMPANY, L.P.	3539.9

#### <sup>10</sup> Surface Location

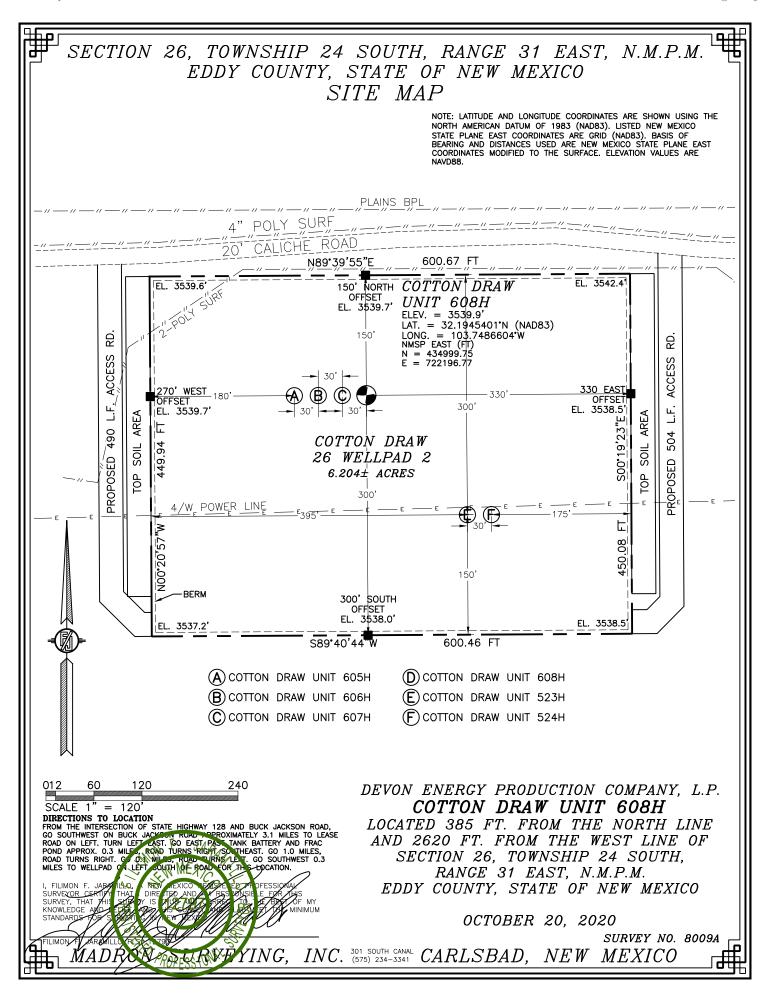
					Bullue	c Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
C	26	24 S	31 E		385	NORTH	2620	WEST	EDDY	
			п	Bottom H	Iole Location	If Different Fr	om Surface			
UL or lot no.	Section			Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
$\mathbf{G}$	35				2620	NORTH	2200	EAST	EDDY	
12 Dedicated Acre 480	s 13 Joint	or Infill 14	Consolidation	ation Code 15 Order No.						

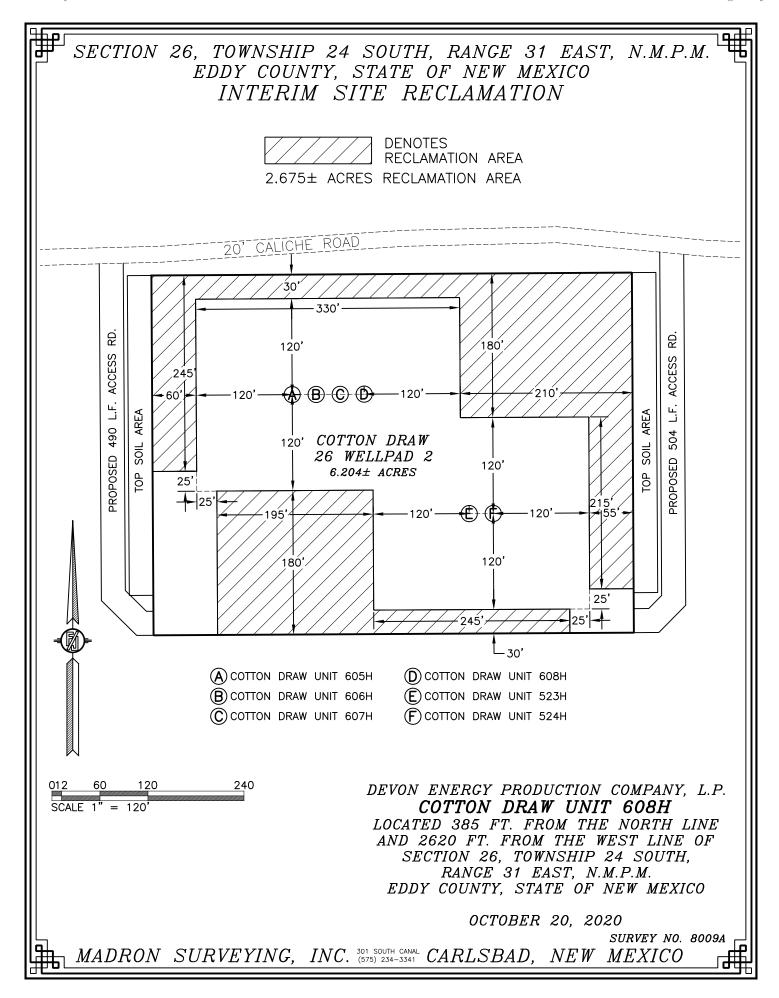
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



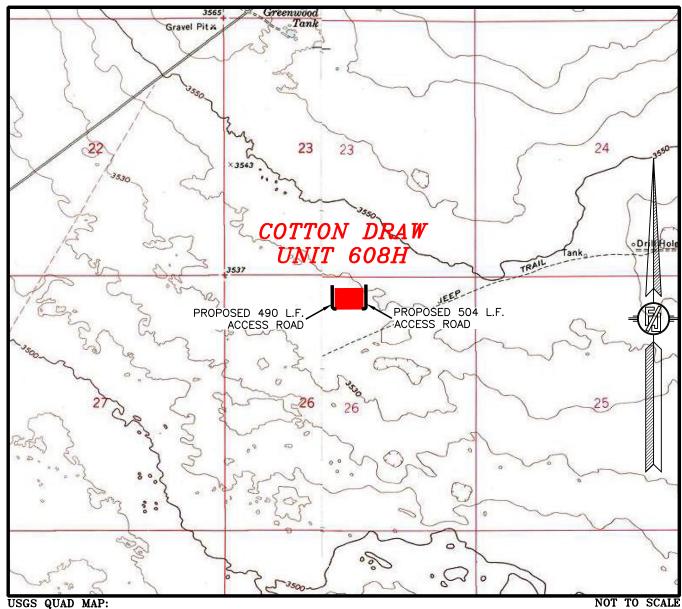
Intent	t X	As Drill	led											
API#														
Ope	rator Nar	me:	1			Prop	oerty N	ame:	:					Well Number
Kick (	Off Point	(KOP)												
UL	Section 26	Township 24S	Range 31E	Lot	Feet 39 FNL		From N	I/S	Feet <b>220</b> 0	) FEL	From	n E/W	County EDDY	
Latitu	ıde 1953975	58		1	Longitud -103.7	de 7471!	5624		1	1			NAD 83	
	Гаке Poin				_									
UL	Section	Township	Range	Lot	Feet		From N	I/S	Feet		From	n E/W	County	
Latitu	ıde	]		<u>l                                     </u>	Longitud	de			<u> </u>				NAD	
Last T	āke Poin													
UL	Section	Township	Range	Lot	Feet	Fror	m N/S	Feet		From E	E/W	Count		
Latitu	ide				Longitud	de		<u>,                                    </u>				NAD		
Is this	s well the	e defining w	vell for th	e Hori:	zontal Sp	pacinę	g Unit?		YES	]				
Is this	well an	infill well?		NO	]									
	ll is yes p ng Unit.	lease provi	ide API if	availak	ole, Oper	ator I	Name	and v	vell nu	ımber	for [	Definin	ng well fo	r Horizontal
API#														
Ope	rator Nar	me:	1			Prop	perty N	ame:	:					Well Number

KZ 06/29/2018





# SECTION 26, TOWNSHIP 24 SOUTH, RANGE 31 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO LOCATION VERIFICATION MAP



PADUCA BREAKS NW BIG SINKS

DEVON ENERGY PRODUCTION COMPANY, L.P. COTTON DRAW UNIT 608H

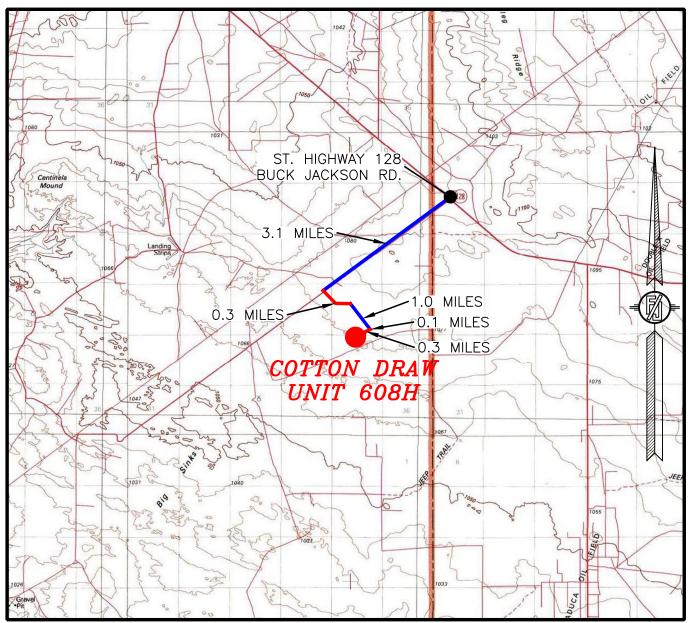
LOCATED 385 FT. FROM THE NORTH LINE AND 2620 FT. FROM THE WEST LINE OF SECTION 26, TOWNSHIP 24 SOUTH, RANGE 31 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO

OCTOBER 20, 2020

SURVEY NO. 8009A

 $MADRON \quad SURVEYING, \quad INC. \quad {\tiny 5055} \quad {\tiny 234-3341} \quad CARLSBAD, \quad NEW \quad MEXICO$ 

# SECTION 26, TOWNSHIP 24 SOUTH, RANGE 31 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

#### DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF STATE HIGHWAY 128 AND BUCK JACKSON ROAD, GO SOUTHWEST ON BUCK JACKSON ROAD APPROXIMATELY 3.1 MILES TO LEASE ROAD ON LEFT. TURN LEFT EAST. GO EAST PAST TANK BATTERY AND FRAC POND APPROX. 0.3 MILES, ROAD TURNS RIGHT SOUTHEAST. GO 1.0 MILES, ROAD TURNS RIGHT. GO 0.1 MILES, ROAD TURNS LEFT. GO SOUTHWEST 0.3 MILES TO WELLPAD ON LEFT SOUTH OF ROAD FOR THIS LOCATION.

DEVON ENERGY PRODUCTION COMPANY, L.P.

COTTON DRAW UNIT 608H

LOCATED 385 FT FROM THE NORTH LINE

LOCATED 385 FT. FROM THE NORTH LINE AND 2620 FT. FROM THE WEST LINE OF SECTION 26, TOWNSHIP 24 SOUTH, RANGE 31 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO

OCTOBER 20, 2020

SURVEY NO. 8009A

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

# SECTION 26, TOWNSHIP 24 SOUTH, RANGE 31 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO AERIAL PHOTO



NOT TO SCALE AERIAL PHOTO: GOOGLE EARTH NOV. 2017

DEVON ENERGY PRODUCTION COMPANY, L.P. COTTON DRAW UNIT 608H

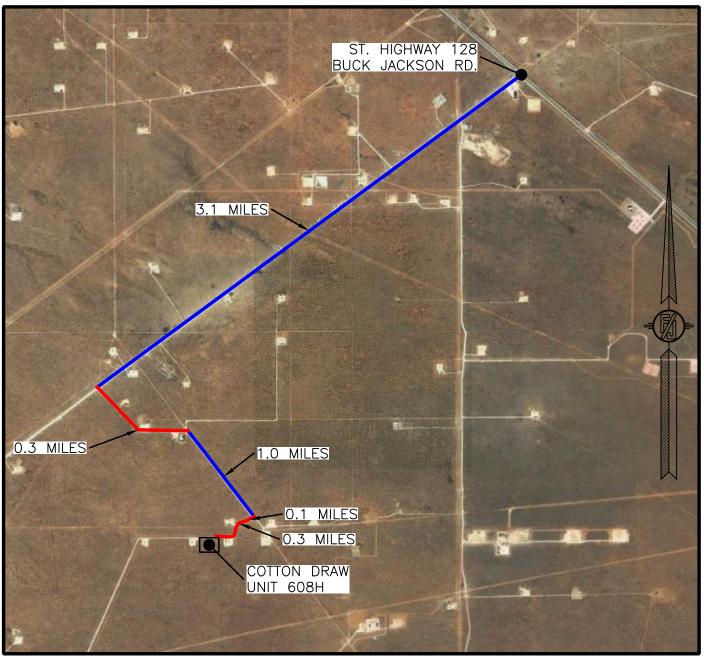
LOCATED 385 FT. FROM THE NORTH LINE AND 2620 FT. FROM THE WEST LINE OF SECTION 26, TOWNSHIP 24 SOUTH, RANGE 31 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO

OCTOBER 20, 2020

SURVEY NO. 8009A

 $MADRON \quad SURVEYING, \quad INC. \quad {\tiny 5075} \quad {\tiny 234-3341} \quad CARLSBAD, \quad NEW \quad MEXICO$ 

# SECTION 26, TOWNSHIP 24 SOUTH, RANGE 31 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO AERIAL ACCESS ROUTE MAP



NOT TO SCALE AERIAL PHOTO: GOOGLE EARTH NOV. 2017

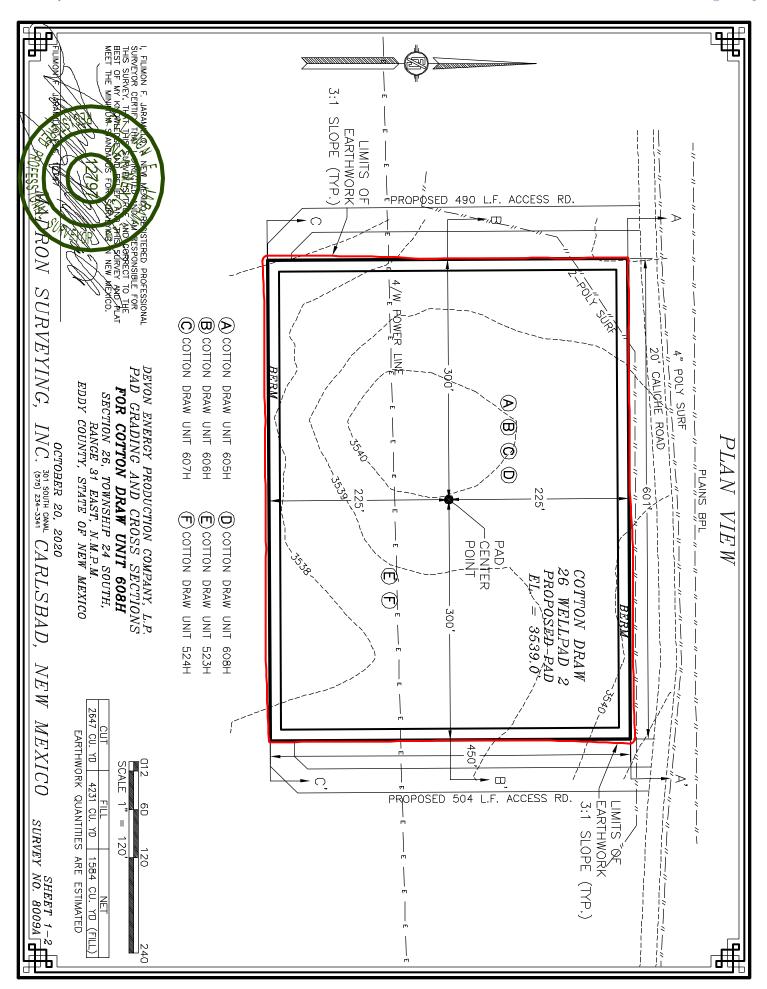
DEVON ENERGY PRODUCTION COMPANY, L.P. COTTON DRAW UNIT 608H

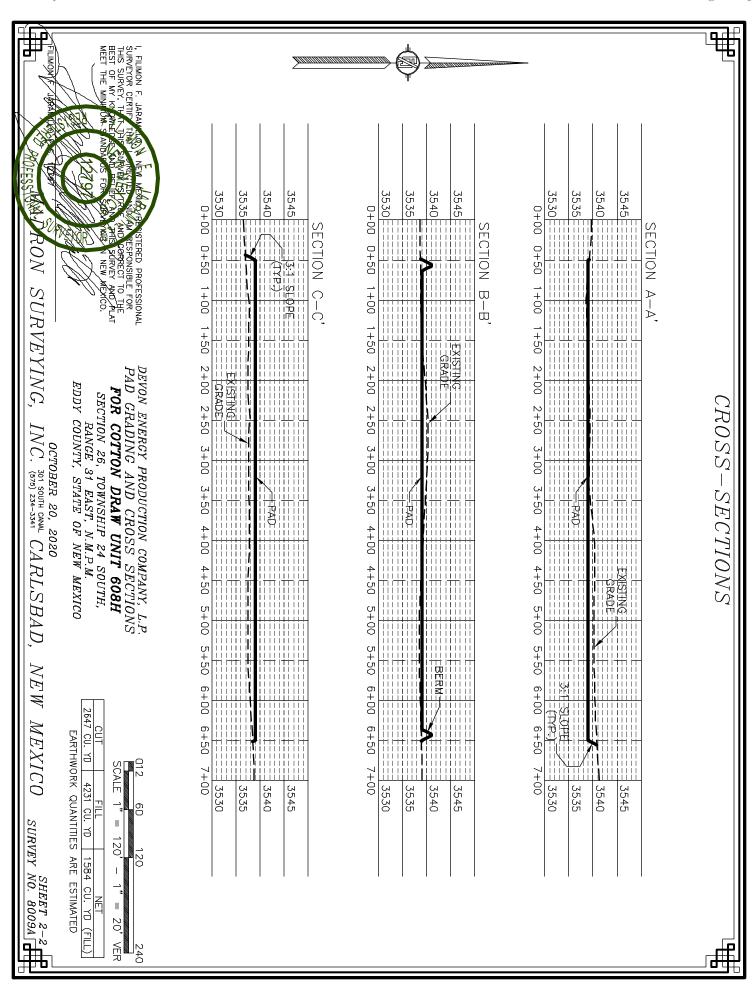
LOCATED 385 FT. FROM THE NORTH LINE AND 2620 FT. FROM THE WEST LINE OF SECTION 26, TOWNSHIP 24 SOUTH, RANGE 31 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO

OCTOBER 20, 2020

SURVEY NO. 8009A

 $MADRON \quad SURVEYING, \quad INC. \quad {\tiny 5055} \quad {\tiny 234-3341} \quad CARLSBAD, \quad NEW \quad MEXICO$ 

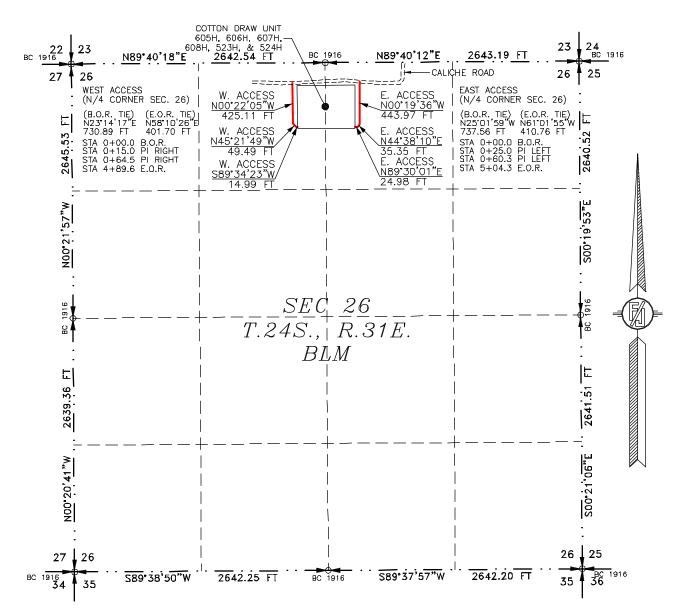




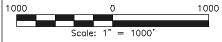
## ACCESS ROAD PLAT (7600352R)

ACCESS ROAD FOR COTTON DRAW UNIT 605H, 606H, 607H, 608H, 523H, & 524H

DEVON ENERGY PRODUCTION COMPANY, L.P. CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING SECTION 26, TOWNSHIP 24 SOUTH, RANGE 31 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO OCTOBER 20, 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*L

#### 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 NEW MEXICO. SURVEYING IN

CERTIFICATE IS EXECUTED AT CARLSBAD, NEW M

MADRON SURVEYING, INC. 7301 SOUTH CANAL CARLSBAD, NEW MEXICO 88220 Phone (575) 234-3341

SURVEY NO. 8009A *NEW MEXICO* 

Released to Imaging: 3/11/2021 4:34:08 PM

#### ACCESS ROAD PLAT (7600352R)

ACCESS ROAD FOR COTTON DRAW UNIT 605H, 606H, 607H, 608H, 523H, & 524H

DEVON ENERGY PRODUCTION COMPANY, L.P.

CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
SECTION 26, TOWNSHIP 24 SOUTH, RANGE 31 EAST, N.M.P.M.

EDDY COUNTY, STATE OF NEW MEXICO

OCTOBER 20, 2020

#### DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING BUREAU OF LAND MANAGEMENT LAND IN SECTION 26, TOWNSHIP 24 SOUTH, RANGE 31 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

#### WEST ACCESS

BEGINNING AT A POINT WITHIN THE NE/4 NW/4 OF SAID SECTION 26, TOWNSHIP 24 SOUTH, RANGE 31 EAST, N.M.P.M., WHENCE THE NORTH QUARTER CORNER OF SAID SECTION 26, TOWNSHIP 24 SOUTH, RANGE 31 EAST, N.M.P.M. BEARS N23\*14'17"E, A DISTANCE OF 730.89 FEET;

THENCE \$89'34'23"W A DISTANCE OF 14.99 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE N45'21'49"W A DISTANCE OF 49.49 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE N00'22'05"W A DISTANCE OF 425.11 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTH QUARTER CORNER OF SAID SECTION 26, TOWNSHIP 24 SOUTH, RANGE 31 EAST, N.M.P.M. BEARS N58'10'26"E, A DISTANCE OF 401.70 FEET;

SAID STRIP OF LAND BEING 489.59 FEET OR 29.67 RODS IN LENGTH, CONTAINING 0.337 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NE/4 NW/4 489.59 L.F. 29.67 RODS 0.337 ACRES

#### EAST ACCESS

BEGINNING AT A POINT WITHIN THE NW/4 NE/4 OF SAID SECTION 26, TOWNSHIP 24 SOUTH, RANGE 31 EAST, N.M.P.M., WHENCE THE NORTH QUARTER CORNER OF SAID SECTION 26, TOWNSHIP 24 SOUTH, RANGE 31 EAST, N.M.P.M. BEARS N25'01'59"W, A DISTANCE OF 737.56 FEET;

THENCE N89°30'01"E A DISTANCE OF 24.98 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE N44°38'10"E A DISTANCE OF 35.35 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE N00°19'36"W A DISTANCE OF 443.97 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTH QUARTER CORNER OF SAID SECTION 26, TOWNSHIP 24 SOUTH, RANGE 31 EAST, N.M.P.M. BEARS N61°01'55"W, A DISTANCE OF 410.76 FEET;

SAID STRIP OF LAND BEING 504.30 FEET OR 30.56 RODS IN LENGTH, CONTAINING 0.347 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NW/4 NE/4 504.30 L.F. 30.56 RODS 0.347 ACRES

#### SURVEYOR CERTIFICATE

#### 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

NEW MIXICO, LEEN 1/04 OF OVEMBER 2020

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

NEW MEXICO.

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY,

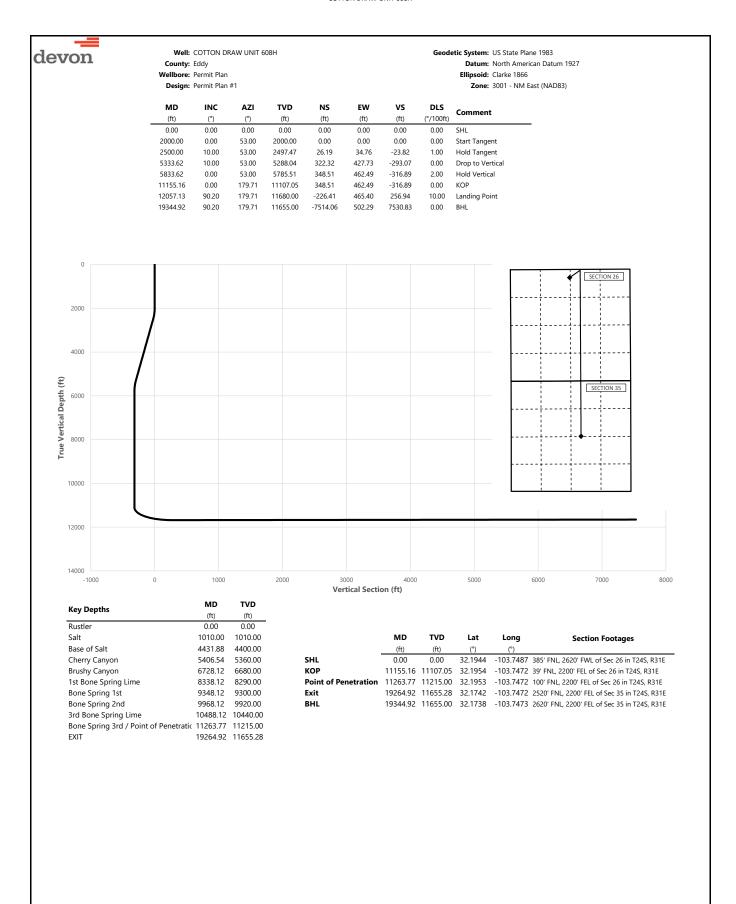
CERTIFICATE IS EXECUTED AT CARLSBAD,

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

SURVEY NO. 8009A

MADRON SURVEYING, INC. 301 SOURCE BAD, NEW MEXICO

SURVEYING IN





Well: COTTON DRAW UNIT 608H

County: Eddy
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)

	Design:	Permit Plan	n #1					<b>Zone:</b> 3001 - NM East (NAD83)
MD	INC	AZI	TVD	NS	EW	vs	DLS	
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL
100.00	0.00	53.00	100.00	0.00	0.00	0.00	0.00	
200.00	0.00	53.00	200.00	0.00	0.00	0.00	0.00	
300.00	0.00	53.00	300.00	0.00	0.00	0.00	0.00	
400.00	0.00	53.00	400.00	0.00	0.00	0.00	0.00	
500.00 600.00	0.00	53.00 53.00	500.00 600.00	0.00	0.00	0.00	0.00	
660.00	0.00	53.00	660.00	0.00	0.00	0.00	0.00	Rustler
700.00	0.00	53.00	700.00	0.00	0.00	0.00	0.00	Tidostici.
800.00	0.00	53.00	800.00	0.00	0.00	0.00	0.00	
900.00	0.00	53.00	900.00	0.00	0.00	0.00	0.00	
1000.00	0.00	53.00	1000.00	0.00	0.00	0.00	0.00	
1010.00	0.00	53.00	1010.00	0.00	0.00	0.00	0.00	Salt
1100.00	0.00	53.00	1100.00	0.00	0.00	0.00	0.00	
1200.00 1300.00	0.00	53.00	1200.00 1300.00	0.00	0.00	0.00	0.00	
1400.00	0.00	53.00 53.00	1400.00	0.00	0.00	0.00 0.00	0.00	
1500.00	0.00	53.00	1500.00	0.00	0.00	0.00	0.00	
1600.00	0.00	53.00	1600.00	0.00	0.00	0.00	0.00	
1700.00	0.00	53.00	1700.00	0.00	0.00	0.00	0.00	
1800.00	0.00	53.00	1800.00	0.00	0.00	0.00	0.00	
1900.00	0.00	53.00	1900.00	0.00	0.00	0.00	0.00	
2000.00	0.00	53.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2100.00	2.00	53.00	2099.98	1.05	1.39	-0.95	2.00	
2200.00 2300.00	4.00	53.00	2199.84 2299.45	4.20	5.57	-3.82	2.00	
2400.00	6.00 8.00	53.00 53.00	2398.70	9.44 16.78	12.53 22.27	-8.59 -15.26	2.00 2.00	
2500.00	10.00	53.00	2497.47	26.19	34.76	-23.82	1.00	Hold Tangent
2600.00	10.00	53.00	2595.95	36.64	48.63	-33.32	0.00	Tiola rangent
2700.00	10.00	53.00	2694.43	47.09	62.49	-42.82	0.00	
2800.00	10.00	53.00	2792.91	57.54	76.36	-52.32	0.00	
2900.00	10.00	53.00	2891.39	67.99	90.23	-61.82	0.00	
3000.00	10.00	53.00	2989.87	78.44	104.10	-71.33	0.00	
3100.00	10.00	53.00	3088.35	88.90	117.97	-80.83	0.00	
3200.00 3300.00	10.00	53.00	3186.83	99.35	131.84	-90.33	0.00	
3400.00	10.00 10.00	53.00 53.00	3285.31 3383.79	109.80 120.25	145.70 159.57	-99.83 -109.34	0.00	
3500.00	10.00	53.00	3482.27	130.70	173.44	-103.34	0.00	
3600.00	10.00	53.00	3580.75	141.15	187.31	-128.34	0.00	
3700.00	10.00	53.00	3679.23	151.60	201.18	-137.84	0.00	
3800.00	10.00	53.00	3777.72	162.05	215.04	-147.34	0.00	
3900.00	10.00	53.00	3876.20	172.50	228.91	-156.85	0.00	
4000.00	10.00	53.00	3974.68	182.95	242.78	-166.35	0.00	
4100.00	10.00	53.00	4073.16	193.40	256.65	-175.85	0.00	
4200.00 4300.00	10.00 10.00	53.00 53.00	4171.64 4270.12	203.85 214.30	270.52 284.39	-185.35 -194.85	0.00	
4400.00	10.00	53.00	4368.60	224.75	298.25	-204.36	0.00	
4431.88	10.00	53.00	4400.00	228.08	302.68	-207.39	0.00	Base of Salt
4500.00	10.00	53.00	4467.08	235.20	312.12	-213.86	0.00	
4600.00	10.00	53.00	4565.56	245.65	325.99	-223.36	0.00	
4700.00	10.00	53.00	4664.04	256.10	339.86	-232.86	0.00	
4800.00	10.00	53.00	4762.52	266.55	353.73	-242.37	0.00	
4900.00	10.00	53.00	4861.00	277.00	367.59	-251.87	0.00	
5000.00 5100.00	10.00	53.00	4959.48 5057.97	287.45 297.90	381.46 395.33	-261.37 -270.87	0.00	
5200.00	10.00 10.00	53.00 53.00	5156.45	308.35	409.20	-270.87 -280.37	0.00	
5300.00	10.00	53.00	5254.93	318.80	423.07	-289.88	0.00	
5333.62	10.00	53.00	5288.04	322.32	427.73	-293.07	0.00	Drop to Vertical
5400.00	8.67	53.00	5353.54	328.80	436.33	-298.96	2.00	·
5406.54	8.54	53.00	5360.00	329.39	437.11	-299.50	2.00	Cherry Canyon
5500.00	6.67	53.00	5452.64	336.83	446.99	-306.27	2.00	
5600.00	4.67	53.00	5552.14	342.78	454.89	-311.68	2.00	
5700.00	2.67	53.00	5651.93	346.64	460.00	-315.18	2.00	
5800.00 5833.62	0.67	53.00	5751.88 5785 51	348.39	462.33	-316.78	2.00 2.00	Hold Vortical
5900.00	0.00	53.00 179.71	5785.51 5851.88	348.51 348.51	462.49 462.49	-316.89 -316.89	0.00	Hold Vertical
6000.00	0.00	179.71	5951.88	348.51	462.49	-316.89	0.00	
6100.00	0.00	179.71	6051.88	348.51	462.49	-316.89	0.00	
6200.00	0.00	179.71	6151.88	348.51	462.49	-316.89	0.00	
6300.00	0.00	179.71	6251.88	348.51	462.49	-316.89	0.00	



Well: COTTON DRAW UNIT 608H

County: Eddy
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	
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	Comment
6400.00	0.00	179.71	6351.88	348.51	462.49	-316.89	0.00	
6500.00	0.00	179.71	6451.88	348.51	462.49	-316.89	0.00	
6600.00	0.00	179.71	6551.88	348.51	462.49	-316.89	0.00	
6700.00	0.00	179.71	6651.88	348.51	462.49	-316.89	0.00	
6728.12	0.00	179.71	6680.00	348.51	462.49	-316.89	0.00	Brushy Canyon
							0.00	brushy Canyon
6800.00	0.00	179.71	6751.88	348.51	462.49	-316.89		
6900.00	0.00	179.71	6851.88	348.51	462.49	-316.89	0.00	
7000.00	0.00	179.71	6951.88	348.51	462.49	-316.89	0.00	
7100.00	0.00	179.71	7051.88	348.51	462.49	-316.89	0.00	
7200.00	0.00	179.71	7151.88	348.51	462.49	-316.89	0.00	
7300.00	0.00	179.71	7251.88	348.51	462.49	-316.89	0.00	
7400.00	0.00	179.71	7351.88	348.51	462.49	-316.89	0.00	
7500.00	0.00	179.71	7451.88	348.51	462.49	-316.89	0.00	
7600.00	0.00	179.71	7551.88	348.51	462.49	-316.89	0.00	
7700.00	0.00	179.71	7651.88	348.51	462.49	-316.89	0.00	
7800.00	0.00	179.71	7751.88	348.51	462.49	-316.89	0.00	
7900.00	0.00	179.71	7851.88	348.51	462.49	-316.89	0.00	
8000.00	0.00	179.71	7951.88	348.51	462.49	-316.89	0.00	
8100.00	0.00	179.71	8051.88	348.51	462.49	-316.89	0.00	
8200.00	0.00	179.71	8151.88	348.51	462.49	-316.89	0.00	
8300.00	0.00	179.71	8251.88	348.51	462.49	-316.89	0.00	
8338.12	0.00	179.71	8290.00	348.51	462.49	-316.89	0.00	1st Bone Spring Lime
8400.00	0.00	179.71	8351.88	348.51	462.49	-316.89	0.00	ist some spring time
8500.00	0.00	179.71	8451.88	348.51	462.49	-316.89	0.00	
8600.00	0.00	179.71	8551.88	348.51	462.49	-316.89	0.00	
8700.00	0.00	179.71	8651.88	348.51	462.49	-316.89	0.00	
8800.00	0.00	179.71	8751.88	348.51	462.49	-316.89	0.00	
8900.00	0.00	179.71	8851.88	348.51	462.49	-316.89	0.00	
9000.00	0.00	179.71	8951.88	348.51	462.49	-316.89	0.00	
9100.00	0.00	179.71	9051.88	348.51	462.49	-316.89	0.00	
9200.00	0.00	179.71	9151.88	348.51	462.49	-316.89	0.00	
9300.00	0.00	179.71	9251.88	348.51	462.49	-316.89	0.00	
9348.12	0.00	179.71	9300.00	348.51	462.49	-316.89	0.00	Bone Spring 1st
9400.00	0.00	179.71	9351.88	348.51	462.49	-316.89	0.00	
9500.00	0.00	179.71	9451.88	348.51	462.49	-316.89	0.00	
9600.00	0.00	179.71	9551.88	348.51	462.49	-316.89	0.00	
9700.00	0.00	179.71	9651.88	348.51	462.49	-316.89	0.00	
9800.00	0.00	179.71	9751.88	348.51	462.49	-316.89	0.00	
9900.00	0.00	179.71	9851.88	348.51	462.49	-316.89	0.00	
9968.12	0.00	179.71	9920.00	348.51	462.49	-316.89	0.00	Bone Spring 2nd
10000.00	0.00	179.71	9951.88	348.51	462.49	-316.89	0.00	Some Spring End
10100.00	0.00	179.71	10051.88	348.51	462.49	-316.89	0.00	
10200.00	0.00	179.71	10151.88	348.51	462.49	-316.89	0.00	
10300.00	0.00	179.71	10251.88	348.51	462.49	-316.89	0.00	
10400.00	0.00	179.71	10351.88	348.51	462.49	-316.89	0.00	2nd Barra Carina Linna
10488.12	0.00	179.71	10440.00	348.51	462.49	-316.89	0.00	3rd Bone Spring Lime
10500.00	0.00	179.71	10451.88	348.51	462.49	-316.89	0.00	
10600.00	0.00	179.71	10551.88	348.51	462.49	-316.89	0.00	
10700.00	0.00	179.71	10651.88	348.51	462.49	-316.89	0.00	
10800.00	0.00	179.71	10751.88	348.51	462.49	-316.89	0.00	
10900.00	0.00	179.71	10851.88	348.51	462.49	-316.89	0.00	
11000.00	0.00	179.71	10951.88	348.51	462.49	-316.89	0.00	
11100.00	0.00	179.71	11051.88	348.51	462.49	-316.89	0.00	
11155.16	0.00	179.71	11107.05	348.51	462.49	-316.89	0.00	KOP
11200.00	4.48	179.71	11151.84	346.76	462.50	-315.14	10.00	
11263.77	10.86	179.71	11215.00	338.25	462.54	-306.64	10.00	Bone Spring 3rd / Point of Penetration
11300.00	14.48	179.71	11250.34	330.30	462.58	-298.71	10.00	
11400.00	24.48	179.71	11344.50	296.99	462.75	-265.46	10.00	
11500.00	34.48	179.71	11431.44	247.84	463.00	-216.40	10.00	
11600.00	44.48	179.71	11508.52	184.33	463.32	-153.02	10.00	
11700.00	54.48	179.71	11573.40	104.33	463.70	-77.24	10.00	
11800.00						8.64		
	64.48	179.71	11624.12	22.37	464.14		10.00	
11900.00	74.48	179.71	11659.12	-71.17	464.61	102.00	10.00	
12000.00	84.48	179.71	11677.35	-169.36	465.11	200.01	10.00	
12057.13	90.20	179.71	11680.00	-226.41	465.40	256.94	10.00	Landing Point
12100.00	90.20	179.71	11679.85	-269.28	465.62	299.73	0.00	
	90.20	179.71	11679.51	-369.27	466.12	399.54	0.00	
12200.00				400 27	466.63	499.35	0.00	
12200.00 12300.00	90.20	179.71	11679.17	-469.27				
12200.00		179.71 179.71 179.71	11679.17 11678.82 11678.48	-469.27 -569.27 -669.27	467.14 467.64	599.16 698.97	0.00	



Well: COTTON DRAW UNIT 608H

County: Eddy
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)

	Design:	Permit Plan	1 # 1					<b>Zone:</b> 3001 - NM East (NAD83)
MD	INC	AZI	TVD	NS	EW	vs	DLS	_
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	Comment
12600.00	90.20	179.71	11678.14	-769.27	468.15	798.78	0.00	
12700.00	90.20	179.71	11677.80	-869.26	468.65	898.59	0.00	
12800.00	90.20	179.71	11677.45	-969.26	469.16	998.40	0.00	
12900.00	90.20	179.71	11677.11	-1069.26	469.67	1098.21	0.00	
13000.00	90.20	179.71	11676.77	-1169.26	470.17	1198.02	0.00	
13100.00	90.20	179.71	11676.42	-1269.26	470.68	1297.82	0.00	
13200.00	90.20	179.71	11676.08	-1369.26	471.19	1397.63	0.00	
13300.00	90.20	179.71	11675.74	-1469.25	471.69	1497.44	0.00	
13400.00	90.20	179.71	11675.40	-1569.25	472.20	1597.25	0.00	
13500.00	90.20	179.71	11675.05	-1669.25	472.71	1697.06	0.00	
13600.00	90.20	179.71	11674.71	-1769.25	473.21	1796.87	0.00	
13700.00	90.20	179.71	11674.37	-1869.25	473.72	1896.68	0.00	
13800.00	90.20	179.71	11674.02	-1969.24	474.22	1996.49	0.00	
13900.00	90.20	179.71	11673.68	-2069.24	474.73	2096.30	0.00	
14000.00	90.20	179.71	11673.34	-2169.24	475.24	2196.11	0.00	
14100.00	90.20	179.71	11672.99	-2269.24	475.74	2295.92	0.00	
14200.00	90.20	179.71	11672.65	-2369.24	476.25	2395.73	0.00	
14300.00	90.20	179.71	11672.31	-2469.23	476.76	2495.54	0.00	
14400.00	90.20	179.71	11671.97	-2569.23	477.26	2595.34	0.00	
14500.00	90.20	179.71	11671.62	-2669.23	477.77	2695.15	0.00	
14600.00	90.20	179.71	11671.28	-2769.23	478.28	2794.96	0.00	
14700.00	90.20	179.71	11670.94	-2869.23	478.78	2894.77	0.00	
14800.00	90.20	179.71	11670.59	-2969.23	479.29	2994.58	0.00	
14900.00	90.20	179.71	11670.25	-3069.22	479.80	3094.39	0.00	
15000.00	90.20	179.71	11669.91	-3169.22	480.30	3194.20	0.00	
15100.00	90.20	179.71	11669.57	-3269.22	480.81	3294.01	0.00	
15200.00	90.20	179.71	11669.22	-3369.22	481.31	3393.82	0.00	
15300.00	90.20	179.71	11668.88	-3469.22	481.82	3493.63	0.00	
15400.00	90.20	179.71	11668.54	-3569.21	482.33	3593.44	0.00	
15500.00	90.20	179.71	11668.19	-3669.21	482.83	3693.25	0.00	
15600.00	90.20	179.71	11667.85	-3769.21	483.34	3793.06	0.00	
15700.00	90.20	179.71	11667.51	-3869.21	483.85	3892.86	0.00	
15800.00	90.20	179.71	11667.17	-3969.21	484.35	3992.67	0.00	
15900.00	90.20	179.71	11666.82	-4069.20	484.86	4092.48	0.00	
16000.00	90.20	179.71	11666.48	-4169.20	485.37	4192.29	0.00	
16100.00	90.20	179.71	11666.14	-4269.20	485.87	4292.10	0.00	
16200.00	90.20	179.71	11665.79	-4369.20	486.38	4391.91	0.00	
16300.00	90.20	179.71	11665.45	-4469.20	486.88	4491.72	0.00	
16400.00	90.20	179.71	11665.11	-4569.20	487.39	4591.53	0.00	
16500.00	90.20	179.71	11664.77	-4669.19	487.90	4691.34	0.00	
16600.00	90.20		11664.42	-4769.19	488.40	4791.15		
		179.71	11664.42				0.00	
16700.00	90.20	179.71		-4869.19	488.91	4890.96	0.00	
16800.00	90.20	179.71	11663.74	-4969.19	489.42	4990.77	0.00	
16900.00	90.20	179.71	11663.39	-5069.19	489.92	5090.57	0.00	
17000.00	90.20	179.71	11663.05	-5169.18	490.43	5190.38	0.00	
17100.00	90.20	179.71	11662.71	-5269.18	490.94	5290.19	0.00	
17200.00	90.20	179.71	11662.36	-5369.18	491.44	5390.00	0.00	
17300.00	90.20	179.71	11662.02	-5469.18	491.95	5489.81	0.00	
17400.00	90.20	179.71	11661.68	-5569.18	492.46	5589.62	0.00	
17500.00	90.20	179.71	11661.34	-5669.17	492.96	5689.43	0.00	
17600.00	90.20	179.71	11660.99	-5769.17	493.47	5789.24	0.00	
17700.00	90.20	179.71	11660.65	-5869.17	493.97	5889.05	0.00	
17800.00	90.20	179.71	11660.31	-5969.17	494.48	5988.86	0.00	
17900.00	90.20	179.71	11659.96	-6069.17	494.99	6088.67	0.00	
18000.00	90.20	179.71	11659.62	-6169.17	495.49	6188.48	0.00	
18100.00	90.20	179.71	11659.28	-6269.16	496.00	6288.29	0.00	
18200.00	90.20	179.71	11658.94	-6369.16	496.51	6388.09	0.00	
18300.00	90.20	179.71	11658.59	-6469.16	497.01	6487.90	0.00	
18400.00	90.20	179.71	11658.25	-6569.16	497.52	6587.71	0.00	
18500.00	90.20	179.71	11657.91	-6669.16	498.03	6687.52	0.00	
18600.00	90.20	179.71	11657.56	-6769.15	498.53	6787.33	0.00	
18700.00	90.20	179.71	11657.22	-6869.15	499.04	6887.14	0.00	
18800.00	90.20	179.71	11656.88	-6969.15	499.55	6986.95	0.00	
18900.00	90.20	179.71	11656.54	-7069.15	500.05	7086.76	0.00	
19000.00	90.20	179.71	11656.19	-7069.15	500.05	7186.57	0.00	
19100.00	90.20	179.71 179.71	11655.85	-7269.14 7269.14	501.06 501.57	7286.38	0.00	
19200.00	90.20		11655.51	-7369.14	501.57	7386.19	0.00	EVIT
19264.92	90.20	179.71	11655.28	-7434.06	501.90	7450.98	0.00	EXIT
	90.20	179.71	11655.16	-7469.14	502.08	7486.00	0.00	
19300.00 19344.92	90.20	179.71	11655.00	-7514.06	502.29	7530.83	0.00	BHL

devon

Well: COTTON DRAW UNIT 608H

County: Eddy
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)

INC TVD MD AZI NS EW ٧S DLS Comment (ft) (°) (°) (ft) (ft) (ft) (ft) (°/100ft)



U.S. Department of the Interior BUREAU OF LAND MANAGEMENT



Well Name: COTTON DRAW UNIT Well Location: T24S / R31E / SEC 26 / County or Parish/State: EDDY /

NENW / 32.1945402 / -103.7486763

Well Number: 608H Type of Well: OIL WELL Allottee or Tribe Name:

Lease Number: NMNM0012121, Unit or CA Name: COTTON DRAW, Unit or CA Number:

NMNM012121 COTTON DRAW UNIT NMNM070928X, NMNM70928X

US Well Number: 3001547304 Well Status: Approved Application for Operator: DEVON ENERGY

Permit to Drill PRODUCTION COMPANY LP

#### **Notice of Intent**

Type of Submission: Notice of Intent

Type of Action APD Change

Date Sundry Submitted: 01/15/2021 Time Sundry Submitted: 01:16

Date proposed operation will begin: 01/14/2021

**Procedure Description:** SHL/BHL/ CHANGE: Devon Energy Production Co., L.P. (Devon) respectfully requests to move the SHL/BHL and on the subject well. Please see attached revised C102, Drill plan, directional plan. Permitted SHL: NENW, 26-24S-31E, 385 FNL, 2615 FWL Proposed SHL: NENW, 26-24S-31E, 385 FNL, 2620 FWL Permitted BHL: SENW, 35-24S-31E; 2310 FNL, 2200 FEL Proposed BHL: SWNE; 35-24S-31E; 2620 FNL, 2200 FEL

## Application

ed by OCD: 3/2/2021 8:08:40 AM ell Name: COTTON DRAW UNIT County or Parish/State: Page 20 of Well Location: T24S / R31E / SEC 26 /

NENW / 32.1945402 / -103.7486763

Well Number: 608H Type of Well: OIL WELL Allottee or Tribe Name:

Lease Number: NMNM0012121, Unit or CA Name: COTTON DRAW, **Unit or CA Number:** 

**COTTON DRAW UNIT** NMNM012121

NMNM070928X, NMNM70928X

**US Well Number: 3001547304** Well Status: Approved Application for Operator: DEVON ENERGY Permit to Drill PRODUCTION COMPANY LP

**Section 1 - General** 

APD ID: 10400056193 Tie to previous NOS? N Submission Date: 04/16/2020

**BLM Office: CARLSBAD** User: Jenny Harms Title: Regulatory Compliance

Professional Is the first lease penetrated for production Federal or Indian? FED

**Zip:** 73102

Lease number: NMNM0012121 **Lease Acres:** 

Allotted? Surface access agreement in place? Reservation:

Agreement in place? YES Federal or Indian agreement: FEDERAL

Agreement number: NMNM070928X Agreement name: COTTON DRAW Keep application confidential? Y

APD Operator: DEVON ENERGY PRODUCTION COMPANY LP **Permitting Agent? NO** 

Operator letter of designation:

Federal/Indian APD: FED

**Operator Info** 

Operator Organization Name: DEVON ENERGY PRODUCTION COMPANY LP

Operator Address: 333 WEST SHERIDAN AVE

**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: COTTON DRAW UNIT Well Number: 608H Well API Number: 3001547304

Field/Pool or Exploratory? Field and Pool Field Name: PURPLE SAGE; Pool Name: WOLFCAMP

WOLFCAMP (GAS)

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:** Number: 2

**COTTON DRAW 26 WELLPAD** Well Class: HORIZONTAL

Number of Legs: 1

Well Work Type: Drill Well Type: OIL WELL

Page 2 of 23

ceived by OCD: 3/2/2021 8:08:40 AM
Well Name: COTTON DRAW UNIT

Well Location: T24S / R31E / SEC 26 /

NENW / 32.1945402 / -103.7486763

County or Parish/State: Page 21 of

M

Well Number: 608H

NMNM012121

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM0012121,

NMNM0012121, Unit of

Unit or CA Name: COTTON DRAW,

**COTTON DRAW UNIT** 

Unit or CA Number: NMNM070928X, NMNM70928X

**US Well Number:** 3001547304

Well Status: Approved Application for

Permit to Drill

**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: 323 FT

Distance to lease line: 385 FT

Reservoir well spacing assigned acres Measurement: 240 Acres

Well plat: WA018041302\_COTTON\_DRAW\_UNIT\_608H\_WL\_P\_R1\_20210115130519.pdf

Well work start Date: 03/31/2021 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	385	FNL	262	FW	24S	31E		Aliquot	32.19454		EDD			F	NMNM	354	0	0	Υ
Leg			0	L				NENW	01	103.7486 604	Υ	MEXI CO	CO		001212	0			
#1										604		CO	CO		1				
KOP	50	FNL	220	FEL	24S	31E	26	Aliquot	32.19545		EDD		NEW	F	NMNM	-	111	111	Υ
Leg			0					NWNE	4	103.7471	Υ	MEXI			001212	756	27	07	
#1										48		CO	CO		1	7			
PPP	330	FNL	220	FEL	24S	31E	26	Aliquot	32.19469	-	EDD	NEW	NEW	F	NMNM	-	117	115	Υ
Leg			0					NWNE	16	103.7471	Υ	MEXI	MEXI		001212	805	19	99	
#1-1										56		CO	CO		1	9			
EXIT	231	FNL	220	FEL	24S	31E	35	Aliquot	32.17473	-	EDD	NEW	NEW	F	NMNM	-	189	116	Υ
Leg	0		0					SWNE		103.7471	Υ	MEXI	MEXI		001212	814	93	80	
#1										666		СО	СО		1	0			

eceived by OCD: 3/2/2021 8:08:40 AM Well Name: COTTON DRAW UNIT

Well Location: T24S / R31E / SEC 26 /

NENW / 32.1945402 / -103.7486763

County or Parish/State: EDDY/

Well Number: 608H

Type of Well: OIL WELL

**Allottee or Tribe Name:** 

Lease Number: NMNM0012121,

NMNM012121

Unit or CA Name: COTTON DRAW,

**COTTON DRAW UNIT** 

**Unit or CA Number:** NMNM070928X, NMNM70928X

**US Well Number: 3001547304** 

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	262	FNL	220	FEL	24S	31E	35	Aliquot	32.17387	-	EDD	NEW	NEW	F	MMMM	-	189	116	Υ
Leg	0		0					SWNE	81	103.7471	Υ	MEXI	MEXI		001212	814	93	80	
#1										69		CO	CO		1	0			

# **Drilling Plan**

# **Section 1 - Geologic Formations**

Formation			True Vertical				Producing
ID	Formation Name	Elevation	Depth	Depth	Lithologies	Mineral Resources	Formation
1385233	UNKNOWN	3536	0	0	OTHER : SURFACE	NONE	N
1385234	RUSTLER	2876	660	660	SANDSTONE	NONE	N
1385235	SALADO	2526	1010	1010	SALT	NONE	N
1385237	BELL CANYON	-864	4400	4400	SANDSTONE	NATURAL GAS, OIL	N
1385236	BASE OF SALT	-864	4400	4400	ANHYDRITE	NATURAL GAS, OIL	N
1385238	CHERRY CANYON	-1824	5360	5360	SANDSTONE	NATURAL GAS, OIL	N
1385239	BRUSHY CANYON	-3144	6680	6680	SANDSTONE	NATURAL GAS, OIL	N
1385246	BONE SPRING LIME	-4754	8290	8290	LIMESTONE	NATURAL GAS, OIL	N
1385240	BONE SPRING	-5764	9300	9300	SANDSTONE	NATURAL GAS, OIL	N
1385242	BONE SPRING 2ND	-6384	9920	9920	SANDSTONE	NATURAL GAS, OIL	N
1385247	BONE SPRING LIME	-6904	10440	10440	LIMESTONE	NATURAL GAS, OIL	N
1385243	BONE SPRING 3RD	-7679	11215	11215	SANDSTONE	NATURAL GAS, OIL	Y
1385244	WOLFCAMP	-8164	11700	11700	SHALE	NATURAL GAS, OIL	N
1385245	STRAWN	-10164	13700	13700	LIMESTONE	NATURAL GAS, OIL	N

# **Section 2 - Blowout Prevention**

ceived by OCD: 3/2/2021 8:08:40 AM
Well Name: COTTON DRAW UNIT

Well Location: T24S / R31E / SEC 26 /

NENW / 32.1945402 / -103.7486763

County or Parish/State: Page 23 of

NM

Well Number: 608H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM0012121,

NMNM012121

Unit or CA Name: COTTON DRAW,

**COTTON DRAW UNIT** 

Unit or CA Number: NMNM070928X, NMNM70928X

**US Well Number:** 3001547304

Well Status: Approved Application for

Permit to Drill

**Operator:** DEVON ENERGY PRODUCTION COMPANY LP

Pressure Rating (PSI): 5M Rating Depth: 11655

**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\_20200416074229.pdf

5M\_BOPE\_\_CK\_20200416074229.pdf

MB\_Wellhd\_10M\_13.375\_8.625\_5.5\_20200416074230.PDF

#### **BOP Diagram Attachment:**

5M\_BOPE\_\_CK\_20200416074249.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	10 1
1	SURFACE	17.5	13.375	NEW	API	N	0	685	0	685	3540	2855	685	H-40	48	OTHER - STC	1.12 5	1	BUOY	1.6	BUOY	1.
2	INTERMED IATE	9.87 5	8.625	NEW	API	N	0	9945	0	9945	3576	-6405	9945	P- 110	32	OTHER - TLW	1.12 5	1	BUOY	1.6	BUOY	1.
3	PRODUCTI ON	7.87 5	5.5	NEW	API	N	0	19345	0	11655	3576	-8115	19345	P- 110		OTHER - BTC	1.12 5	1	BUOY	1.6	BUOY	1.

## **Casing Attachments**

eived by OCD: 3/2/2021 8:08:40 AM Well Name: COTTON DRAW UNIT County or Parish/State: EDDY / Well Location: T24S / R31E / SEC 26 / NENW / 32.1945402 / -103.7486763 Well Number: 608H Type of Well: OIL WELL Allottee or Tribe Name: Lease Number: NMNM0012121, Unit or CA Name: COTTON DRAW, **Unit or CA Number:** NMNM012121 **COTTON DRAW UNIT** NMNM070928X, NMNM70928X **US Well Number: 3001547304** Well Status: Approved Application for Operator: DEVON ENERGY PRODUCTION COMPANY LP Permit to Drill **Casing Attachments** Casing ID: 1 String Type: SURFACE **Inspection Document: Spec Document: Tapered String Spec:** Casing Design Assumptions and Worksheet(s): Surf\_Csg\_Ass\_20190730113310.pdf Casing ID: 2 String Type: INTERMEDIATE **Inspection Document: Spec Document: Tapered String Spec:** Casing Design Assumptions and Worksheet(s): Int\_Csg\_Ass\_20190730113522.pdf Casing ID: 3 String Type: PRODUCTION **Inspection Document: Spec Document: Tapered String Spec:** Casing Design Assumptions and Worksheet(s): Prod\_Csg\_Ass\_20190730113701.pdf

Section 4	4 - C	emen	t								
String Type	Lead/Tail	Stage Tool Depth	Тор МD	Bottom MD	Quantity(sx)	Yield	Density	Cu Ft	Excess%	Cement type	Additives

eived by OCD: 3/2/2021 8:08:40 AM Well Name: COTTON DRAW UNIT

Well Location: T24S / R31E / SEC 26 / NENW / 32.1945402 / -103.7486763

County or Parish/State: Page 25 of

Well Number: 608H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM0012121,

Unit or CA Name: COTTON DRAW,

**Unit or CA Number:** 

NMNM012121

**COTTON DRAW UNIT** 

NMNM070928X, NMNM70928X

**US Well Number: 3001547304** 

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	685	534	1.44	13.2	769.3	50	С	Class C + adds

INTERMEDIATE	Lead		0	9445	539	3.27	9	1762. 4	30	С	Class C Cement + additives
INTERMEDIATE	Tail	9	9445	9445	66.8	1.44	13.2	96.2	30	С	Class H / C + additives
PRODUCTION	Lead	(	9445	1115 5	100	3.27	9	325.9	10	TUNED	Class H /C + additives
PRODUCTION	Tail	1	1115 5	1934 5	1084	1.44	13.2	1560. 8	10	Н	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)	ЬН	Viscosity (CP)	Salinity (ppm)	Filtration (cc)	Additional Characteristics
0	685	OTHER : FW Gel	8.5	9				2			
685	9945	OTHER : DBE / Cut Brine	10	10.5				2			
9945	1168 0	OIL-BASED MUD	8.5	9							

ed by OCD: 3/2/2021 8:08:40 AM ell Name: COTTON DRAW UNIT County or Parish/State: Page 26 of Well Location: T24S / R31E / SEC 26 /

NENW / 32.1945402 / -103.7486763

Well Number: 608H Type of Well: OIL WELL Allottee or Tribe Name:

Lease Number: NMNM0012121, Unit or CA Name: COTTON DRAW, **Unit or CA Number:** 

NMNM012121 **COTTON DRAW UNIT** NMNM070928X, NMNM70928X

**US Well Number: 3001547304** Well Status: Approved Application for **Operator:** DEVON ENERGY Permit to Drill 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 Surface Pressure: 2896 Anticipated Bottom Hole Pressure: 5466** 

Anticipated Bottom Hole Temperature(F): 164

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:

Cotton\_Draw\_Unit\_608H\_H2S\_20200416074718.pdf

## **Section 8 - Other Information**

#### Proposed horizontal/directional/multi-lateral plan submission:

COTTON\_DRAW\_UNIT\_608H\_20210115131613.pdf COTTON\_DRAW\_UNIT\_608H\_Directional\_Plan\_12\_15\_20\_20210115131615.pdf

Other proposed operations facets description:

#### Other proposed operations facets attachment:

Clsd\_Loop\_20190730115304.pdf Spudder\_Rig\_Info\_20190730115304.pdf

GasCapturePlan COTTON DRAW 26 CTB 2 20200414133916.pdf

### Other Variance attachment:

Co\_flex\_20190730115411.pdf

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Well Location: T24S / R31E / SEC 26 /

NENW / 32.1945402 / -103.7486763

County or Parish/State: Page 27 of

Well Number: 608H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM0012121,

NMNM012121

Unit or CA Name: COTTON DRAW,

**COTTON DRAW UNIT** 

**Unit or CA Number:** NMNM070928X, NMNM70928X

**US Well Number: 3001547304** 

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 20200416074823.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\_20200416074841.pdf

New road type: COLLECTOR, RESOURCE

**Length: 1594** 

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

Access onsite topsoil source depth: 6

Page 9 of 23

ed by OCD: 3/2/2021 8:08:40 AM ell Name: COTTON DRAW UNIT County or Parish/State: Page 28 of Well Location: T24S / R31E / SEC 26 /

NENW / 32.1945402 / -103.7486763

Well Number: 608H Type of Well: OIL WELL Allottee or Tribe Name:

Lease Number: NMNM0012121, Unit or CA Name: COTTON DRAW, **Unit or CA Number:** 

NMNM012121 **COTTON DRAW UNIT** NMNM070928X, NMNM70928X

**US Well Number: 3001547304** Well Status: Approved Application for **Operator:** DEVON ENERGY Permit to Drill PRODUCTION COMPANY LP

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:** 

COTTON\_DRAW\_UNIT\_608H\_OneMileBuffer\_WA018041302\_20200416074929.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:** 

AA000341619\_COTTON\_DRAW\_26\_CTB\_2\_P\_20200414145327.pdf EL8541\_COTTON\_DRAW\_UNIT\_26\_CTB\_2\_EL\_P\_20200414145328.pdf 7600306F\_COTTON\_DRAW\_UNIT\_26\_WELLPAD\_2\_TO\_CTB\_2\_FL\_P\_20200414145329.pdf EL8542\_COTTON\_DRAW\_UNIT\_26\_LATERAL\_EL\_P\_20200414145330.pdf EL8539\_COTTON\_DRAW\_UNIT\_26\_WP\_2\_EL\_P\_20200414145331.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:

**OTHER** Water source permit type:

Page 10 of 23

eived by OCD: 3/2/2021 8:08:40 AM.
Well Name: COTTON DRAW UNIT
Well Location: T24S / R31E / SEC 26 / County or Parish/State: EDDY /

NENW / 32.1945402 / -103.7486763

Well Number: 608H Type of Well: OIL WELL Allottee or Tribe Name:

Lease Number: NMNM0012121, Unit or CA Name: COTTON DRAW, Unit or CA Number:

NMNM012121 COTTON DRAW UNIT NMNM070928X, NMNM70928X

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US Well Number: 3001547304 Well Status: Approved Application for Permit to Drill Operator: DEVON ENERGY PRODUCTION COMPANY LP

Water source transport method: PIPELINE

TRUCKING

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:

COTTON\_DRAW\_UNIT\_605H\_606H\_607H\_608H\_watermap\_20200414145418.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.):

Well Production type:

Casing top depth (ft.):

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:** 

CDU\_26\_Pad\_2\_Caliche\_Map\_20200414145510.pdf

Page 11 of 23

ed by OCD: 3/2/2021 8:08:40 AM ell Name: COTTON DRAW UNIT County or Parish/State: Page 30 of Well Location: T24S / R31E / SEC 26 /

NENW / 32.1945402 / -103.7486763

Well Number: 608H Type of Well: OIL WELL Allottee or Tribe Name:

Lease Number: NMNM0012121, Unit or CA Name: COTTON DRAW, **Unit or CA Number:** 

NMNM012121 **COTTON DRAW UNIT** 

NMNM070928X, NMNM70928X

**US Well Number: 3001547304** Well Status: Approved Application for **Operator: DEVON ENERGY** Permit to Drill 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 containment 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 containment 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 **Disposal location ownership: COMMERCIAL** 

**FACILITY** 

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: 1726 **barrels** 

Waste disposal frequency: Daily

Page 12 of 23

ed by OCD: 3/2/2021 8:08:40 AM ell Name: COTTON DRAW UNIT County or Parish/State: Page 31 of Well Location: T24S / R31E / SEC 26 /

NENW / 32.1945402 / -103.7486763

Well Number: 608H Type of Well: OIL WELL Allottee or Tribe Name:

Lease Number: NMNM0012121, Unit or CA Name: COTTON DRAW, **Unit or CA Number:** 

NMNM012121 **COTTON DRAW UNIT** NMNM070928X, NMNM70928X

**US Well Number: 3001547304** Well Status: Approved Application for **Operator: DEVON ENERGY** PRODUCTION COMPANY LP

Permit to Drill

Safe containment description: N/A

Safe containmant attachment:

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

**FACILITY** 

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\_20200416075102.pdf

Page 13 of 23

eceived by OCD: 3/2/2021 8:08:40 AM Well Name: COTTON DRAW UNIT

Well Location: T24S / R31E / SEC 26 /

NENW / 32.1945402 / -103.7486763

Well Number: 608H Type of Well: OIL WELL

County or Parish/State: Page 32 of

M

Allottee or Tribe Name:

Lease Number: NMNM0012121,

NMNM012121

Unit or CA Name: COTTON DRAW,

COTTON DRAW UNIT

Unit or CA Number: NMNM070928X, NMNM70928X

**US Well Number:** 3001547304 **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: COTTON DRAW 26 WELLPAD

**Multiple Well Pad Number: 2** 

Recontouring attachment:

RECLAMATION\_20200416075229.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): 6.204

Road proposed disturbance (acres):

1.098

Powerline proposed disturbance

(acres): 3.597

Pipeline proposed disturbance

(acres): 0.069

Other proposed disturbance (acres):

5.74

Total proposed disturbance: 16.708

Well pad interim reclamation (acres):

2.675

Road interim reclamation (acres): 0

Powerline interim reclamation (acres):

Pipeline interim reclamation (acres): 0

Other interim reclamation (acres): 0

**Total interim reclamation:** 2.675

Well pad long term disturbance

(acres): 3.529

Road long term disturbance (acres):

1.098

Powerline long term disturbance

(acres): 3.597

Pipeline long term disturbance

(acres): 0.069

Other long term disturbance (acres):

5.74

Total long term disturbance:

14.033000000000001

**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?

Page 14 of 23

eived by OCD: 3/2/2021 8:08:40 AM Well Name: COTTON DRAW UNIT

Well Location: T24S / R31E / SEC 26 /

NENW / 32.1945402 / -103.7486763

County or Parish/State: Page 33 of

Well Number: 608H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM0012121,

NMNM012121

Unit or CA Name: COTTON DRAW,

**COTTON DRAW UNIT** 

**Unit or CA Number:** NMNM070928X, NMNM70928X

**US Well Number: 3001547304** 

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** 

Total pounds/Acre:

**Seed Type** 

Pounds/Acre

Seed reclamation attachment:

**Operator Contact/Responsible Official Contact Info** 

**First Name:** 

Email:

**Last Name:** 

Seedbed prep:

Seed BMP:

Phone:

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** 

Page 15 of 23

eived by OCD: 3/2/2021 8:08:40 AM Well Name: COTTON DRAW UNIT County or Parish/State: Page 34 of Well Location: T24S / R31E / SEC 26 / NENW / 32.1945402 / -103.7486763 Well Number: 608H Type of Well: OIL WELL Allottee or Tribe Name: Lease Number: NMNM0012121, Unit or CA Name: COTTON DRAW, **Unit or CA Number:** NMNM012121 **COTTON DRAW UNIT** NMNM070928X, NMNM70928X **US Well Number:** 3001547304 Well Status: Approved Application for **Operator:** DEVON ENERGY Permit to Drill PRODUCTION COMPANY LP 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: 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** Ranger District:

**USFS Forest/Grassland:** 

County or Parish/State: Page 35 of eived by OCD: 3/2/2021 8:08:40 AM Well Name: COTTON DRAW UNIT Well Location: T24S / R31E / SEC 26 / NENW / 32.1945402 / -103.7486763 Well Number: 608H Type of Well: OIL WELL Allottee or Tribe Name: Lease Number: NMNM0012121, Unit or CA Name: COTTON DRAW, **Unit or CA Number:** NMNM012121 **COTTON DRAW UNIT** NMNM070928X, NMNM70928X **US Well Number: 3001547304** Well Status: Approved Application for **Operator:** DEVON ENERGY Permit to Drill 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** Ranger District:

**USFS** Region:

**USFS Forest/Grassland:** 

ved by OCD: 3/2/2021 8:08:40 AM ell Name: COTTON DRAW UNIT

Well Location: T24S / R31E / SEC 26 /

NENW / 32.1945402 / -103.7486763

County or Parish/State: Page 36 of

Well Number: 608H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM0012121,

NMNM012121

Unit or CA Name: COTTON DRAW,

**COTTON DRAW UNIT** 

**Unit or CA Number:** NMNM070928X, NMNM70928X

**US Well Number:** 3001547304

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\_605H\_\_606H\_\_607H\_\_608H\_20200416075335.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

Page 18 of 23

eived by OCD: 3/2/2021 8:08:40 AM Well Name: COTTON DRAW UNIT

Well Location: T24S / R31E / SEC 26 /

NENW / 32.1945402 / -103.7486763

County or Parish/State: EDDY/

Well Number: 608H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM0012121,

NMNM012121

Unit or CA Name: COTTON DRAW,

**COTTON DRAW UNIT** 

**Unit or CA Number:** 

NMNM070928X, NMNM70928X

**US Well Number:** 3001547304

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:

ed by OCD: 3/2/2021 8:08:40 AM ell Name: COTTON DRAW UNIT

Well Location: T24S / R31E / SEC 26 /

NENW / 32.1945402 / -103.7486763

County or Parish/State: Page 38 of

Well Number: 608H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM0012121,

NMNM012121

Unit or CA Name: COTTON DRAW,

**COTTON DRAW UNIT** 

**Unit or CA Number:** NMNM070928X, NMNM70928X

**US Well Number: 3001547304** 

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

Page 20 of 23

ved by OCD: 3/2/2021 8:08:40 AM Jell Name: COTTON DRAW UNIT

Well Location: T24S / R31E / SEC 26 /

NENW / 32.1945402 / -103.7486763

County or Parish/State: EDDY/

Well Number: 608H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM0012121,

NMNM012121

Unit or CA Name: COTTON DRAW,

**COTTON DRAW UNIT** 

**Unit or CA Number:** 

NMNM070928X, NMNM70928X

**US Well Number: 3001547304** 

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: 01/15/2021

Title: Regulatory Compliance Professional Street Address: 333 West Sheridan Avenue

State: OK City: Oklahoma City **Zip:** 73102

Phone: (405)552-6560

Email address: jennifer.harms@dvn.com

**Field Representative** 

Page 21 of 23

eived by OCD: 3/2/2021 8:08:40 AM Well Name: COTTON DRAW UNIT

Well Location: T24S / R31E / SEC 26 / NENW / 32.1945402 / -103.7486763

County or Parish/State: EDDY/

Well Number: 608H

Type of Well: OIL WELL

**Allottee or Tribe Name:** 

Lease Number: NMNM0012121,

NMNM012121

Unit or CA Name: COTTON DRAW,

**COTTON DRAW UNIT** 

**Unit or CA Number:** 

**US Well Number: 3001547304** 

Well Status: Approved Application for

Permit to Drill

**Operator:** DEVON ENERGY PRODUCTION COMPANY LP

NMNM070928X, NMNM70928X

**Representative Name:** 

**Street Address:** 

City:

State:

Phone:

**Email address:** 

## **NOI Attachments**

### **Procedure Description**

WA018041302\_COTTON\_DRAW\_UNIT\_608H\_WL\_P\_R1\_20210115130341.pdf

COTTON\_DRAW\_UNIT\_608H\_Directional\_Plan\_12\_15\_20\_20210115130334.pdf

COTTON\_DRAW\_UNIT\_608H\_20210115130334.pdf

eived by OCD: 3/2/2021 8:08:40 AM Well Name: COTTON DRAW UNIT

Well Location: T24S / R31E / SEC 26 / NENW / 32.1945402 / -103.7486763

County or Parish/State: Page 41 of

Well Number: 608H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM0012121,

Unit or CA Name: COTTON DRAW,

**COTTON DRAW UNIT** 

**Unit or CA Number:** 

NMNM012121

Well Status: Approved Application for

Operator: DEVON ENERGY

NMNM070928X, NMNM70928X

Permit to Drill

PRODUCTION COMPANY LP

## **Operator Certification**

**US Well Number: 3001547304** 

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 15, 2021 01:08 PM

Name: DEVON ENERGY PRODUCTION COMPANY LP

Title: Regulatory Compliance Professional

Street Address: NOT ENTERED

City: NOT ENTERED State: NOT ENTERED

Phone: (800) 583-3866

**Email address: NOT ENTERED** 

# **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: 02/23/2021

Signature: Chris Walls

Page 23 of 23

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

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

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** 

COMMENTS

Action 19414

#### **COMMENTS**

Operator:			OGRID:	Action Number:	Action Type:
DEVON ENERGY PRODUCTION COMPAN	333 West Sheridan Ave.	Oklahoma City, OK73102	6137	19414	C-103A

Created By	Comment	Comment Date
kpickford	KP GEO Review 3/05/2021	03/05/2021

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

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

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 19414

#### **CONDITIONS OF APPROVAL**

Operator:			OGRID:	Action Number:	Action Type:
DEVON ENERGY PRODUCTION COMPAN	333 West Sheridan Ave.	Oklahoma City, OK73102	6137	19414	C-103A

OCD Reviewer	Condition
kpickford	NSL Will require an administrative order for non-standard location prior to placing the well on production