

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

State of New Mexico
 Energy, Minerals and Natural Resources

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

Form C-103
 Revised August 1, 2011

WELL API NO.	30-015-47300
5. Indicate Type of Lease STATE ☐ FEE ☐	
6. State Oil & Gas Lease No. NMNM0012121	
7. Lease Name or Unit Agreement Name COTTON DRAW UNIT	
8. Well Number #602H	
9. OGRID Number 6137	
10. Pool name or Wildcat PADUCA; BONE SPRING ; COTTON DRAW, BONE SPRING, SOUTH	

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

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐	
2. Name of Operator Devon Energy Production Company, L.P.	
3. Address of Operator 333 West Sheridan, Oklahoma City, OK 73102	
4. Well Location Unit Letter <u>D</u> : <u>385</u> feet from the <u>North</u> line and <u>1160</u> feet from the <u>West</u> line Section <u>26</u> Township <u>24S</u> Range <u>31E</u> NMPM County <u>EDDY</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GL: 3536	

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

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

OTHER: ☐

OTHER: ☐

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

PLEASE SEE ATTACHED BLM APPROVAL. Procedure Description: 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: NWNW, 26-24S-31E, 385 FNL, 1160 FWL Proposed SHL: NWNW, 26-24S-31E, 385 FNL, 1165 FWL Permitted

BHL: SWNW, 35-24S-31E; 2314 FNL, 450 FWL Proposed BHL: SWNW, 35-24S-31E; 2620 FNL, 450 FWL

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

SIGNATURE Jenny Harms TITLE Regulatory Specialist DATE 2/22/2021

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

APPROVED BY: John Garcia TITLE Petroleum Specialist DATE 3/9/2021
 Conditions of Approval (if any):

District I
1625 N. French Dr., Hobbs, NM 88240
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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 30-015-47300	² Pool Code 96546 96641	³ Pool Name COTTON DRAW, BONE SPRING, SOUTH PADUCA; BONE SPRING
⁴ Property Code 300635	⁵ Property Name COTTON DRAW UNIT	⁶ Well Number 602H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3536.2

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
D	26	24 S	31 E		385	NORTH	1165	WEST	EDDY

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
E	35	24 S	31 E		2620	NORTH	450	WEST	EDDY
¹² Dedicated Acres 240	¹³ Joint or Infill	¹⁴ Consolidation 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.

N89°40'18"E 2642.53 FT N89°40'12"E 2643.19 FT NW CORNER SEC. 26 LAT. = 32.1955957°N LONG. = 103.7571294°W NMSP EAST (FT) N = 435369.65 E = 719574.94 W/4 CORNER SEC. 26 LAT. = 32.1883253°N LONG. = 103.7571206°W NMSP EAST (FT) N = 432724.75 E = 719591.82 SW CORNER SEC. 26 LAT. = 32.1810772°N LONG. = 103.7571150°W NMSP EAST (FT) N = 430086.02 E = 719607.71 W/4 CORNER SEC. 35 LAT. = 32.1738064°N LONG. = 103.7571418°W NMSP EAST (FT) N = 427442.95 E = 719613.55 SW CORNER SEC. 35 LAT. = 32.1667474°N LONG. = 103.7571765°W NMSP EAST (FT) N = 424874.92 E = 719616.56 N00°21'57"W 2645.53 FT N00°21'57"W 2639.36 FT N00°20'41"W 2643.65 FT N00°07'36"W 2643.65 FT N00°04'01"W 2568.60 FT FTP 1165' 385' SHL COTTON DRAW UNIT 602H ELEV. = 3536.2' LAT. = 32.1945388°N (NAD83) LONG. = 103.7533629°W NMSP EAST (FT) N = 434991.41 E = 720742.1 FIRST TAKE POINT 100' FNL, 450' FWL LAT. = 32.1953214°N LONG. = 103.7556746°W NMSP EAST (FT) N = 435272.25 E = 720025.47 S/4 CORNER SEC. 26 LAT. = 32.1810772°N LONG. = 103.7485766°W NMSP EAST (FT) N = 430102.29 E = 722249.33 LAST TAKE POINT 2520' FNL, 450' FWL LAT. = 32.1741470°N LONG. = 103.7556864°W NMSP EAST (FT) N = 427569.29 E = 720063.19 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. S89°38'50"W 2642.25 FT S89°37'57"W 2642.19 FT 2620' 450' LTP BHL BOTTOM OF HOLE LAT. = 32.1738722°N LONG. = 103.7556875°W NMSP EAST (FT) N = 427469.32 E = 720063.41 S/4 CORNER SEC. 35 LAT. = 32.1667033°N LONG. = 103.7486249°W NMSP EAST (FT) N = 424873.17 E = 722262.79 N89°57'44"W 2646.81 FT N89°58'34"W 2643.08 FT		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. <i>Jenny Harms</i> 1-15-2021 Signature Date 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. OCTOBER 20, 2020 Date of Survey <i>William F. Jaramillo</i> Signature and Seal of Professional Surveyor Certificate Number: 12797 SURVEY NO. 7991B
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Intent ☒ As Drilled ☐

API #		
Operator Name: DEVON ENERGY PRODUCTION CO., L.P.	Property Name: COTTON DRAW UNIT	Well Number 602H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
	26	24S	31E		46 FNL		450 FWL		EDDY
Latitude 32.19537593					Longitude -103.75567460				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
D	26	24S	31E		100	NORTH	450	WEST	EDDY
Latitude 32.1953214					Longitude 103.7556746				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
E	35	24S	31E		2520	NORTH	450	WEST	EDDY
Latitude 32.1741470					Longitude 103.7556864				NAD 83

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

☒ YES

Is this well an infill well?

☐ NO

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

COTTON DRAW UNIT 602H

1. Geologic Formations

TVD of target	11635	Pilot hole depth	N/A
MD at TD:	19338	Deepest expected fresh water	

Basin

Formation	Depth (TVD) from KB	Water/Mineral Bearing/Target Zone?	Hazards*
Rustler	660		
Salt	1010		
Base of Salt	4400		
Cherry Canyon	5360		
Brushy Canyon	6680		
1st Bone Spring Lime	8290		
Bone Spring 1st	9300		
Bone Spring 2nd	9920		
3rd Bone Spring Lime	10440		
Bone Spring 3rd	11215		

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

COTTON DRAW UNIT 602H

2. Casing Program (Primary Design)

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	STC	0	685	0	685
9 7/8	8 5/8	32	P110	TLW	0	9945	0	9945
7 7/8	5 1/2	17	P110	BTC	0	19338	0	11635

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

3. Cementing Program (Primary Design)

Casing	# Skis	TOC	Wt. ppg	Yld (ft3/sack)	Slurry Description
Surface	534	Surf	13.2	1.44	Lead: Class C Cement + additives
Int 1	539	Surf	9	3.27	Lead: Class C Cement + additives
	67	4000' above	13.2	1.44	Tail: Class H / C + additives
Int 1 Intermediate Squeeze	As Needed	Surf	13.2	1.44	Squeeze Lead: Class C Cement + additives
	539	Surf	9	3.27	Lead: Class C Cement + additives
	67	4000' above	13.2	1.44	Tail: Class H / C + additives
Production	100	9445	9	3.27	Lead: Class H / C + additives
	1083	11154	13.2	1.44	Tail: Class H / C + additives

Casing String	% Excess
Surface	50%
Intermediate 1	30%
Intermediate 1 (Two Stage)	25%
Prod	10%

COTTON DRAW UNIT 602H

4. Pressure Control Equipment (Three String Design)

BOP installed and tested before drilling which hole?		Size?	Min. Required WP	Type	✓	Tested to:	
Int 1		13-5/8"	5M	Annular		X	50% of rated working pressure
				Blind Ram		X	5M
				Pipe Ram			
				Double Ram		X	
				Other*			
Production		13-5/8"	5M	Annular (5M)		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*			
N	A variance is requested for the use of a diverter on the surface casing. See attached for schematic.						
Y	A variance is requested to run a 5 M annular on a 10M system						

COTTON DRAW UNIT 602H

5. Mud Program (Three String Design)

Section	Type	Weight (ppg)
Surface	FW Gel	8.5-9
Intermediate	DBE / Cut Brine	10-10.5
Production	OBM	8.5-9

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

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

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

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

7. Drilling Conditions

Condition	Specify what type and where?
BH pressure at deepest TVD	5445
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.

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

COTTON DRAW UNIT 602H

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 pa.
- 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. A 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

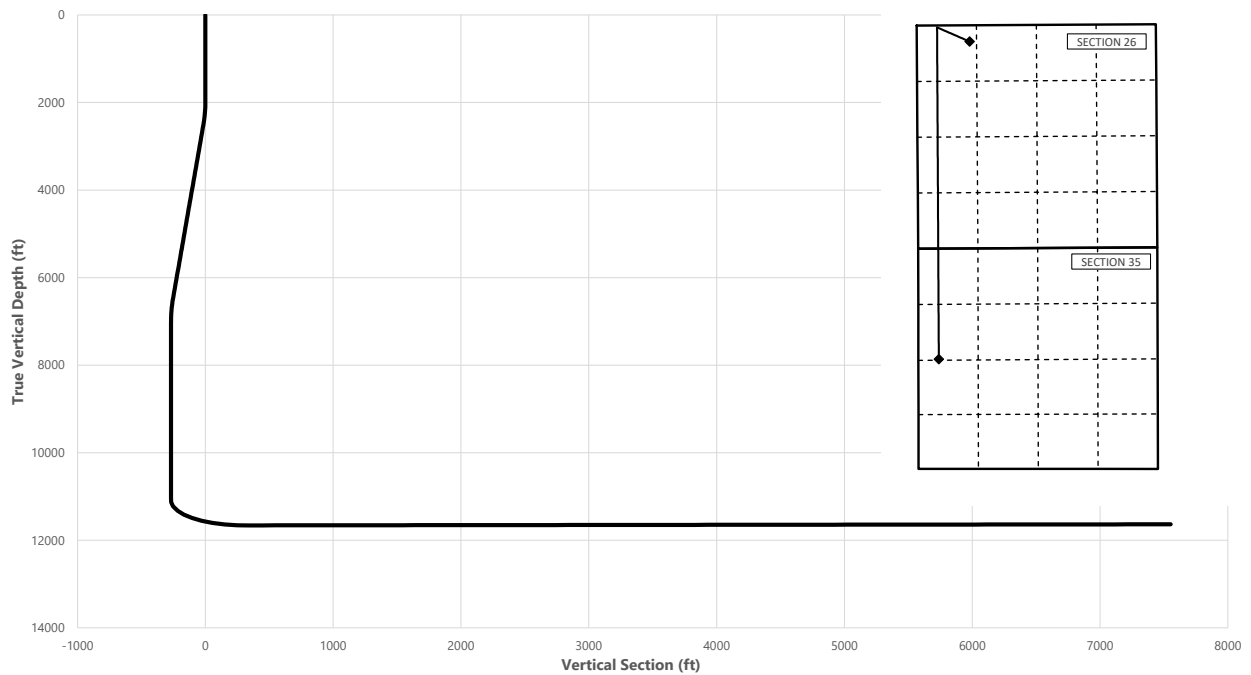
COTTON DRAW UNIT 602H



Well: COTTON DRAW UNIT 602H
 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 (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	295.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2500.00	10.00	295.00	2497.47	18.39	-39.44	-14.77	1.00	Hold Tangent
6559.65	10.00	295.00	6495.44	316.32	-678.35	-254.08	0.00	Drop to Vertical
7059.65	0.00	295.00	6992.90	334.71	-717.79	-268.85	2.00	Hold Vertical
11153.79	0.00	179.72	11087.05	334.71	-717.79	-268.85	0.00	KOP
12055.76	90.20	179.72	11660.00	-240.21	-714.93	303.48	10.00	Landing Point
19337.77	90.20	179.72	11635.00	-7522.09	-678.71	7552.65	0.00	BHL



Key Depths	MD (ft)	TVD (ft)
Rustler	0.00	0.00
Salt	1010.00	1010.00
Base of Salt	4431.88	4400.00
Cherry Canyon	5406.69	5360.00
Brushy Canyon	6746.12	6680.00
1st Bone Spring Lime	8356.74	8290.00
Bone Spring 1st	9366.74	9300.00
Bone Spring 2nd	9986.74	9920.00
3rd Bone Spring Lime	10506.74	10440.00
Bone Spring 3rd / Point of Penetration	11282.83	11215.00
EXIT	19257.77	11635.28

SHL
 KOP
 Point of Penetration
 Exit
 BHL

MD (ft)	TVD (ft)	Lat (°)	Long (°)	Section Footages
0.00	0.00	32.1944	-103.7534	385' FNL, 1165' FWL of Sec 26 in T24S, R31E
11153.79	11087.05	32.1954	-103.7558	46' FNL, 450' FWL of Sec 26 in T24S, R31E
11282.83	11215.00	32.1953	-103.7557	100' FNL, 450' FWL of Sec 26 in T24S, R31E
19257.77	11635.28	32.1741	-103.7557	2520' FNL, 450' FWL of Sec 35 in T24S, R31E
19337.77	11635.00	32.1738	-103.7558	2620' FNL, 450' FWL of Sec 35 in T24S, R31E

COTTON DRAW UNIT 602H



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MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL
100.00	0.00	295.00	100.00	0.00	0.00	0.00	0.00	
200.00	0.00	295.00	200.00	0.00	0.00	0.00	0.00	
300.00	0.00	295.00	300.00	0.00	0.00	0.00	0.00	
400.00	0.00	295.00	400.00	0.00	0.00	0.00	0.00	
500.00	0.00	295.00	500.00	0.00	0.00	0.00	0.00	
600.00	0.00	295.00	600.00	0.00	0.00	0.00	0.00	
660.00	0.00	295.00	660.00	0.00	0.00	0.00	0.00	Rustler
700.00	0.00	295.00	700.00	0.00	0.00	0.00	0.00	
800.00	0.00	295.00	800.00	0.00	0.00	0.00	0.00	
900.00	0.00	295.00	900.00	0.00	0.00	0.00	0.00	
1000.00	0.00	295.00	1000.00	0.00	0.00	0.00	0.00	
1010.00	0.00	295.00	1010.00	0.00	0.00	0.00	0.00	Salt
1100.00	0.00	295.00	1100.00	0.00	0.00	0.00	0.00	
1200.00	0.00	295.00	1200.00	0.00	0.00	0.00	0.00	
1300.00	0.00	295.00	1300.00	0.00	0.00	0.00	0.00	
1400.00	0.00	295.00	1400.00	0.00	0.00	0.00	0.00	
1500.00	0.00	295.00	1500.00	0.00	0.00	0.00	0.00	
1600.00	0.00	295.00	1600.00	0.00	0.00	0.00	0.00	
1700.00	0.00	295.00	1700.00	0.00	0.00	0.00	0.00	
1800.00	0.00	295.00	1800.00	0.00	0.00	0.00	0.00	
1900.00	0.00	295.00	1900.00	0.00	0.00	0.00	0.00	
2000.00	0.00	295.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2100.00	2.00	295.00	2099.98	0.74	-1.58	-0.59	2.00	
2200.00	4.00	295.00	2199.84	2.95	-6.32	-2.37	2.00	
2300.00	6.00	295.00	2299.45	6.63	-14.22	-5.33	2.00	
2400.00	8.00	295.00	2398.70	11.78	-25.27	-9.46	2.00	
2500.00	10.00	295.00	2497.47	18.39	-39.44	-14.77	1.00	Hold Tangent
2600.00	10.00	295.00	2595.95	25.73	-55.18	-20.67	0.00	
2700.00	10.00	295.00	2694.43	33.07	-70.92	-26.56	0.00	
2800.00	10.00	295.00	2792.91	40.41	-86.66	-32.46	0.00	
2900.00	10.00	295.00	2891.39	47.75	-102.40	-38.35	0.00	
3000.00	10.00	295.00	2989.87	55.09	-118.13	-44.25	0.00	
3100.00	10.00	295.00	3088.35	62.43	-133.87	-50.14	0.00	
3200.00	10.00	295.00	3186.83	69.76	-149.61	-56.04	0.00	
3300.00	10.00	295.00	3285.31	77.10	-165.35	-61.93	0.00	
3400.00	10.00	295.00	3383.79	84.44	-181.09	-67.83	0.00	
3500.00	10.00	295.00	3482.27	91.78	-196.82	-73.72	0.00	
3600.00	10.00	295.00	3580.75	99.12	-212.56	-79.62	0.00	
3700.00	10.00	295.00	3679.23	106.46	-228.30	-85.51	0.00	
3800.00	10.00	295.00	3777.72	113.80	-244.04	-91.40	0.00	
3900.00	10.00	295.00	3876.20	121.13	-259.78	-97.30	0.00	
4000.00	10.00	295.00	3974.68	128.47	-275.51	-103.19	0.00	
4100.00	10.00	295.00	4073.16	135.81	-291.25	-109.09	0.00	
4200.00	10.00	295.00	4171.64	143.15	-306.99	-114.98	0.00	
4300.00	10.00	295.00	4270.12	150.49	-322.73	-120.88	0.00	
4400.00	10.00	295.00	4368.60	157.83	-338.46	-126.77	0.00	
4431.88	10.00	295.00	4400.00	160.17	-343.48	-128.65	0.00	Base of Salt
4500.00	10.00	295.00	4467.08	165.17	-354.20	-132.67	0.00	
4600.00	10.00	295.00	4565.56	172.50	-369.94	-138.56	0.00	
4700.00	10.00	295.00	4664.04	179.84	-385.68	-144.46	0.00	
4800.00	10.00	295.00	4762.52	187.18	-401.42	-150.35	0.00	
4900.00	10.00	295.00	4861.00	194.52	-417.15	-156.25	0.00	
5000.00	10.00	295.00	4959.48	201.86	-432.89	-162.14	0.00	
5100.00	10.00	295.00	5057.97	209.20	-448.63	-168.03	0.00	
5200.00	10.00	295.00	5156.45	216.54	-464.37	-173.93	0.00	
5300.00	10.00	295.00	5254.93	223.87	-480.11	-179.82	0.00	
5400.00	10.00	295.00	5353.41	231.21	-495.84	-185.72	0.00	
5406.69	10.00	295.00	5360.00	231.70	-496.90	-186.11	0.00	Cherry Canyon
5500.00	10.00	295.00	5451.89	238.55	-511.58	-191.61	0.00	
5600.00	10.00	295.00	5550.37	245.89	-527.32	-197.51	0.00	
5700.00	10.00	295.00	5648.85	253.23	-543.06	-203.40	0.00	
5800.00	10.00	295.00	5747.33	260.57	-558.80	-209.30	0.00	
5900.00	10.00	295.00	5845.81	267.91	-574.53	-215.19	0.00	
6000.00	10.00	295.00	5944.29	275.24	-590.27	-221.09	0.00	
6100.00	10.00	295.00	6042.77	282.58	-606.01	-226.98	0.00	
6200.00	10.00	295.00	6141.25	289.92	-621.75	-232.88	0.00	
6300.00	10.00	295.00	6239.73	297.26	-637.48	-238.77	0.00	
6400.00	10.00	295.00	6338.22	304.60	-653.22	-244.67	0.00	
6500.00	10.00	295.00	6436.70	311.94	-668.96	-250.56	0.00	

COTTON DRAW UNIT 602H



Well: COTTON DRAW UNIT 602H

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 (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
6559.65	10.00	295.00	6495.44	316.32	-678.35	-254.08	0.00	Drop to Vertical
6600.00	9.19	295.00	6535.23	319.16	-684.44	-256.36	2.00	
6700.00	7.19	295.00	6634.20	325.18	-697.36	-261.20	2.00	
6746.12	6.27	295.00	6680.00	327.47	-702.26	-263.03	2.00	Brushy Canyon
6800.00	5.19	295.00	6733.61	329.74	-707.13	-264.86	2.00	
6900.00	3.19	295.00	6833.34	332.83	-713.76	-267.34	2.00	
7000.00	1.19	295.00	6933.26	334.45	-717.23	-268.64	2.00	
7059.65	0.00	295.00	6992.90	334.71	-717.79	-268.85	2.00	Hold Vertical
7100.00	0.00	179.72	7033.26	334.71	-717.79	-268.85	0.00	
7200.00	0.00	179.72	7133.26	334.71	-717.79	-268.85	0.00	
7300.00	0.00	179.72	7233.26	334.71	-717.79	-268.85	0.00	
7400.00	0.00	179.72	7333.26	334.71	-717.79	-268.85	0.00	
7500.00	0.00	179.72	7433.26	334.71	-717.79	-268.85	0.00	
7600.00	0.00	179.72	7533.26	334.71	-717.79	-268.85	0.00	
7700.00	0.00	179.72	7633.26	334.71	-717.79	-268.85	0.00	
7800.00	0.00	179.72	7733.26	334.71	-717.79	-268.85	0.00	
7900.00	0.00	179.72	7833.26	334.71	-717.79	-268.85	0.00	
8000.00	0.00	179.72	7933.26	334.71	-717.79	-268.85	0.00	
8100.00	0.00	179.72	8033.26	334.71	-717.79	-268.85	0.00	
8200.00	0.00	179.72	8133.26	334.71	-717.79	-268.85	0.00	
8300.00	0.00	179.72	8233.26	334.71	-717.79	-268.85	0.00	
8356.74	0.00	179.72	8290.00	334.71	-717.79	-268.85	0.00	1st Bone Spring Lime
8400.00	0.00	179.72	8333.26	334.71	-717.79	-268.85	0.00	
8500.00	0.00	179.72	8433.26	334.71	-717.79	-268.85	0.00	
8600.00	0.00	179.72	8533.26	334.71	-717.79	-268.85	0.00	
8700.00	0.00	179.72	8633.26	334.71	-717.79	-268.85	0.00	
8800.00	0.00	179.72	8733.26	334.71	-717.79	-268.85	0.00	
8900.00	0.00	179.72	8833.26	334.71	-717.79	-268.85	0.00	
9000.00	0.00	179.72	8933.26	334.71	-717.79	-268.85	0.00	
9100.00	0.00	179.72	9033.26	334.71	-717.79	-268.85	0.00	
9200.00	0.00	179.72	9133.26	334.71	-717.79	-268.85	0.00	
9300.00	0.00	179.72	9233.26	334.71	-717.79	-268.85	0.00	
9366.74	0.00	179.72	9300.00	334.71	-717.79	-268.85	0.00	Bone Spring 1st
9400.00	0.00	179.72	9333.26	334.71	-717.79	-268.85	0.00	
9500.00	0.00	179.72	9433.26	334.71	-717.79	-268.85	0.00	
9600.00	0.00	179.72	9533.26	334.71	-717.79	-268.85	0.00	
9700.00	0.00	179.72	9633.26	334.71	-717.79	-268.85	0.00	
9800.00	0.00	179.72	9733.26	334.71	-717.79	-268.85	0.00	
9900.00	0.00	179.72	9833.26	334.71	-717.79	-268.85	0.00	
9986.74	0.00	179.72	9920.00	334.71	-717.79	-268.85	0.00	Bone Spring 2nd
10000.00	0.00	179.72	9933.26	334.71	-717.79	-268.85	0.00	
10100.00	0.00	179.72	10033.26	334.71	-717.79	-268.85	0.00	
10200.00	0.00	179.72	10133.26	334.71	-717.79	-268.85	0.00	
10300.00	0.00	179.72	10233.26	334.71	-717.79	-268.85	0.00	
10400.00	0.00	179.72	10333.26	334.71	-717.79	-268.85	0.00	
10500.00	0.00	179.72	10433.26	334.71	-717.79	-268.85	0.00	
10506.74	0.00	179.72	10440.00	334.71	-717.79	-268.85	0.00	3rd Bone Spring Lime
10600.00	0.00	179.72	10533.26	334.71	-717.79	-268.85	0.00	
10700.00	0.00	179.72	10633.26	334.71	-717.79	-268.85	0.00	
10800.00	0.00	179.72	10733.26	334.71	-717.79	-268.85	0.00	
10900.00	0.00	179.72	10833.26	334.71	-717.79	-268.85	0.00	
11000.00	0.00	179.72	10933.26	334.71	-717.79	-268.85	0.00	
11100.00	0.00	179.72	11033.26	334.71	-717.79	-268.85	0.00	
11153.79	0.00	179.72	11087.05	334.71	-717.79	-268.85	0.00	KOP
11200.00	4.62	179.72	11133.21	332.85	-717.78	-267.00	10.00	
11282.83	12.90	179.72	11215.00	320.24	-717.72	-254.45	10.00	Bone Spring 3rd / Point of Penetration
11300.00	14.62	179.72	11231.67	316.16	-717.70	-250.38	10.00	
11400.00	24.62	179.72	11325.75	282.62	-717.53	-217.00	10.00	
11500.00	34.62	179.72	11412.57	233.26	-717.29	-167.86	10.00	
11600.00	44.62	179.72	11489.50	169.57	-716.97	-104.45	10.00	
11700.00	54.62	179.72	11554.20	93.49	-716.59	-28.71	10.00	
11800.00	64.62	179.72	11604.71	7.33	-716.16	57.06	10.00	
11900.00	74.62	179.72	11639.49	-86.29	-715.70	150.26	10.00	
12000.00	84.62	179.72	11657.48	-184.53	-715.21	248.05	10.00	
12055.76	90.20	179.72	11660.00	-240.21	-714.93	303.48	10.00	Landing Point
12100.00	90.20	179.72	11659.85	-284.45	-714.71	347.53	0.00	
12200.00	90.20	179.72	11659.50	-384.45	-714.21	447.07	0.00	
12300.00	90.20	179.72	11659.16	-484.45	-713.72	546.62	0.00	
12400.00	90.20	179.72	11658.82	-584.44	-713.22	646.17	0.00	
12500.00	90.20	179.72	11658.48	-684.44	-712.72	745.72	0.00	

COTTON DRAW UNIT 602H



Well: COTTON DRAW UNIT 602H
 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	Comment
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	
12600.00	90.20	179.72	11658.13	-784.44	-712.22	845.27	0.00	
12700.00	90.20	179.72	11657.79	-884.44	-711.73	944.82	0.00	
12800.00	90.20	179.72	11657.45	-984.44	-711.23	1044.37	0.00	
12900.00	90.20	179.72	11657.10	-1084.43	-710.73	1143.92	0.00	
13000.00	90.20	179.72	11656.76	-1184.43	-710.23	1243.47	0.00	
13100.00	90.20	179.72	11656.42	-1284.43	-709.73	1343.01	0.00	
13200.00	90.20	179.72	11656.07	-1384.43	-709.24	1442.56	0.00	
13300.00	90.20	179.72	11655.73	-1484.43	-708.74	1542.11	0.00	
13400.00	90.20	179.72	11655.39	-1584.43	-708.24	1641.66	0.00	
13500.00	90.20	179.72	11655.04	-1684.42	-707.74	1741.21	0.00	
13600.00	90.20	179.72	11654.70	-1784.42	-707.25	1840.76	0.00	
13700.00	90.20	179.72	11654.36	-1884.42	-706.75	1940.31	0.00	
13800.00	90.20	179.72	11654.01	-1984.42	-706.25	2039.86	0.00	
13900.00	90.20	179.72	11653.67	-2084.42	-705.75	2139.40	0.00	
14000.00	90.20	179.72	11653.33	-2184.41	-705.26	2238.95	0.00	
14100.00	90.20	179.72	11652.98	-2284.41	-704.76	2338.50	0.00	
14200.00	90.20	179.72	11652.64	-2384.41	-704.26	2438.05	0.00	
14300.00	90.20	179.72	11652.30	-2484.41	-703.76	2537.60	0.00	
14400.00	90.20	179.72	11651.95	-2584.41	-703.26	2637.15	0.00	
14500.00	90.20	179.72	11651.61	-2684.40	-702.77	2736.70	0.00	
14600.00	90.20	179.72	11651.27	-2784.40	-702.27	2836.25	0.00	
14700.00	90.20	179.72	11650.93	-2884.40	-701.77	2935.80	0.00	
14800.00	90.20	179.72	11650.58	-2984.40	-701.27	3035.34	0.00	
14900.00	90.20	179.72	11650.24	-3084.40	-700.78	3134.89	0.00	
15000.00	90.20	179.72	11649.90	-3184.40	-700.28	3234.44	0.00	
15100.00	90.20	179.72	11649.55	-3284.39	-699.78	3333.99	0.00	
15200.00	90.20	179.72	11649.21	-3384.39	-699.28	3433.54	0.00	
15300.00	90.20	179.72	11648.87	-3484.39	-698.79	3533.09	0.00	
15400.00	90.20	179.72	11648.52	-3584.39	-698.29	3632.64	0.00	
15500.00	90.20	179.72	11648.18	-3684.39	-697.79	3732.19	0.00	
15600.00	90.20	179.72	11647.84	-3784.38	-697.29	3831.74	0.00	
15700.00	90.20	179.72	11647.49	-3884.38	-696.80	3931.28	0.00	
15800.00	90.20	179.72	11647.15	-3984.38	-696.30	4030.83	0.00	
15900.00	90.20	179.72	11646.81	-4084.38	-695.80	4130.38	0.00	
16000.00	90.20	179.72	11646.46	-4184.38	-695.30	4229.93	0.00	
16100.00	90.20	179.72	11646.12	-4284.38	-694.80	4329.48	0.00	
16200.00	90.20	179.72	11645.78	-4384.37	-694.31	4429.03	0.00	
16300.00	90.20	179.72	11645.43	-4484.37	-693.81	4528.58	0.00	
16400.00	90.20	179.72	11645.09	-4584.37	-693.31	4628.13	0.00	
16500.00	90.20	179.72	11644.75	-4684.37	-692.81	4727.67	0.00	
16600.00	90.20	179.72	11644.40	-4784.37	-692.32	4827.22	0.00	
16700.00	90.20	179.72	11644.06	-4884.36	-691.82	4926.77	0.00	
16800.00	90.20	179.72	11643.72	-4984.36	-691.32	5026.32	0.00	
16900.00	90.20	179.72	11643.38	-5084.36	-690.82	5125.87	0.00	
17000.00	90.20	179.72	11643.03	-5184.36	-690.33	5225.42	0.00	
17100.00	90.20	179.72	11642.69	-5284.36	-689.83	5324.97	0.00	
17200.00	90.20	179.72	11642.35	-5384.36	-689.33	5424.52	0.00	
17300.00	90.20	179.72	11642.00	-5484.35	-688.83	5524.07	0.00	
17400.00	90.20	179.72	11641.66	-5584.35	-688.33	5623.61	0.00	
17500.00	90.20	179.72	11641.32	-5684.35	-687.84	5723.16	0.00	
17600.00	90.20	179.72	11640.97	-5784.35	-687.34	5822.71	0.00	
17700.00	90.20	179.72	11640.63	-5884.35	-686.84	5922.26	0.00	
17800.00	90.20	179.72	11640.29	-5984.34	-686.34	6021.81	0.00	
17900.00	90.20	179.72	11639.94	-6084.34	-685.85	6121.36	0.00	
18000.00	90.20	179.72	11639.60	-6184.34	-685.35	6220.91	0.00	
18100.00	90.20	179.72	11639.26	-6284.34	-684.85	6320.46	0.00	
18200.00	90.20	179.72	11638.91	-6384.34	-684.35	6420.01	0.00	
18300.00	90.20	179.72	11638.57	-6484.34	-683.86	6519.55	0.00	
18400.00	90.20	179.72	11638.23	-6584.33	-683.36	6619.10	0.00	
18500.00	90.20	179.72	11637.88	-6684.33	-682.86	6718.65	0.00	
18600.00	90.20	179.72	11637.54	-6784.33	-682.36	6818.20	0.00	
18700.00	90.20	179.72	11637.20	-6884.33	-681.86	6917.75	0.00	
18800.00	90.20	179.72	11636.86	-6984.33	-681.37	7017.30	0.00	
18900.00	90.20	179.72	11636.51	-7084.32	-680.87	7116.85	0.00	
19000.00	90.20	179.72	11636.17	-7184.32	-680.37	7216.40	0.00	
19100.00	90.20	179.72	11635.83	-7284.32	-679.87	7315.95	0.00	
19200.00	90.20	179.72	11635.48	-7384.32	-679.38	7415.49	0.00	
19257.77	90.20	179.72	11635.28	-7442.09	-679.09	7473.01	0.00	EXIT
19300.00	90.20	179.72	11635.14	-7484.32	-678.88	7515.04	0.00	
19337.77	90.20	179.72	11635.00	-7522.09	-678.71	7552.65	0.00	BHL

COTTON DRAW UNIT 602H



Well: COTTON DRAW UNIT 602H

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	Comment
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	

Well Name: COTTON DRAW UNIT	Well Location: T24S / R31E / SEC 26 / NWNW / 32.1945389 / -103.7533788	County or Parish/State: EDDY / NM
Well Number: 602H	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: 3001547300	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: 01/15/2021	Time Sundry Submitted: 08:02
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: NWNW, 26-24S-31E, 385 FNL, 1160 FWL Proposed SHL: NWNW, 26-24S-31E, 385 FNL, 1165 FWL Permitted BHL: SWNW, 35-24S-31E; 2314 FNL, 450 FWL Proposed BHL: SWNW, 35-24S-31E; 2620 FNL, 450 FWL

Application

Well Name: COTTON DRAW UNIT	Well Location: T24S / R31E / SEC 26 / NWNW / 32.1945389 / -103.7533788	County or Parish/State: EDDY / NM
Well Number: 602H	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: 3001547300	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 15, 2021 07:56 AM
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: 02/19/2021
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

COMMENTS

Action 18382

COMMENTS

Operator:	DEVON ENERGY PRODUCTION COMPAN	333 West Sheridan Ave.	Oklahoma City, OK73102	OGRID:	6137	Action Number:	18382	Action Type:	C-103A
Created By	Comment			Comment Date					
kpickford	KP GEO Review 2/23/2021			02/23/2021					

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 18382

CONDITIONS OF APPROVAL

Operator: DEVON ENERGY PRODUCTION COMPAN			333 West Sheridan Ave.	Oklahoma City, OK73102	OGRID: 6137	Action Number: 18382	Action Type: C-103A
OCD Reviewer					Condition		
jagarcia					None		