DEVON ENERGY

2002/014

			rTGW
2- DATE IN	7-11	SUSPENS	
	· <u> </u>		ABOVE THIS LINE FOR DIVISION USE ONLY
		1	ABOVE THIS LINE FOR DIVISION USE ONLY NEW MEXICO OIL CONSERVATION DIVISION - Engineering Bureau - 1220 South St. Francis Drive, Santa Fe, NM 87505 - Engineering Bureau -
			ADMINISTRATIVE APPLICATION CHECKLIST
тн	IIS CHECK	LIST IS MA	NDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE
Applic	[DH	ion-Star IC-Dowr [PC-Po	N Idard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication] Inole Commingling} [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] Of Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] ified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]
[1]	ТҮРЕ	OF AP [A]	PLICATION - Check Those Which Apply for [A] Location - Spacing Unit - Simultaneous Dedication NSL NSP SD
		Check [B]	One Only for [B] or [C] Commingling - Storage - Measurement DHC CTB PLC PC OLS OLM
		[C]	Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
		[D]	Other: Specify
[2]	NOTI	FICATI [A]	Other: Specify
		[B]	
		[C]	Application is One Which Requires Published Legal Notice
		[D]	Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
		[E]	For all of the above, Proof of Notification or Publication is Attached, and/or,
		[F]	Waivers are Attached
[3]			CURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE TION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Landman 2/7/2011 Title Date Samo McCurdy @ dup.com e-mail Address Print or Type Name Signature 1/My urdy

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	RECEIVE 2011 FEB - 7		Devon Energy Corporation 20 North Broadway Oklahoma City, Oklahoma 73102-826 Fax: 405-552-8113
FAX		· 1· 4D	
To: David Brooks	From:	Sam McCur Office: 405	2
Fax: 505-476-3462	Date:	February 7,	2011
Phone:	Pages:	14 (includin	ng cover page)
Re: Cotton Draw Unit #1	22H CC:		
🗌 Urgent 🛛 For Review	🗋 Please Comment	🗇 Please Reply	7 🗌 Please Recycle

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• Comments:



Devon Energy Corporation 20 North Broadway Oklahoma City, Oklahoma 73102-8260 Phone 405-228-2406 Fax 405-552-8113

February 7, 2011

Sam McCurdy

Landman

New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, NM 87505 Attn: David Brooks

RE: Cotton Draw Unit #122H SHL: 160' FNL, 1345' FWL BHL: 330' FSL, 1650' FWL Section 35-T24S-R31E Eddy County, New Mexico

Gentlemen:

Devon Energy Production Company, L.P. ("Devon"), as Operator, intends to drill the referenced horizontal Wolfcamp formation well to a total vertical depth of approximately 13,600' with a total measured depth of approximately 18,134'. Devon will penetrate the target formation at a standard location but drill the bottom hole location closer than 660' to the outer boundary of the project area in an effort to maximize the productive length of the wellbore. As reflected on the attached C-102, the well has been permitted at a surface location of 160' FNL and 1,345' FWL with a permitted bottom hole location of 330' FSL and 1650' FWL of Section 35, Township 24 South, Range 31 East. Devon will penetrate the top of the Wolfcamp formation with the vertical portion the well bore at a legal location as shown on the C-102 and continue drilling through the Wolfcamp formation with the horizontal portion of the well bore. According to Division rules, the above mentioned BHL would be classified as a non-standard location.

Although the target formation will be penetrated at a legal location the BHL for the referenced well is proposed to continue until 330' FSL with perforations to occur closer than 660'. Devon respectfully requests that the Commission administratively approve this application for a non-standard location in accordance with Division Rule 104(F) (3). This non-standard BHL affects the leasehold owner in Unit letters C and D of Section 2-T25S-R31E. Devon is the owner of 50% of the operating rights to State of New Mexico lease K-4562 which covers Unit letters C & D among other lands. The owner of the other 50% interest for same lease is the same as the 50% owner of the operating rights in the proposed well. Therefore, no additional notification of this application should be required as this non-standard location will only affect working interest parties to the referenced well. Additionally, Devon requests Commission approval to designate a 160 acre project area consisting of four standard oil spacing units comprised of the E/2 W/2 Section 35 (Unit letters C, F, K & N).

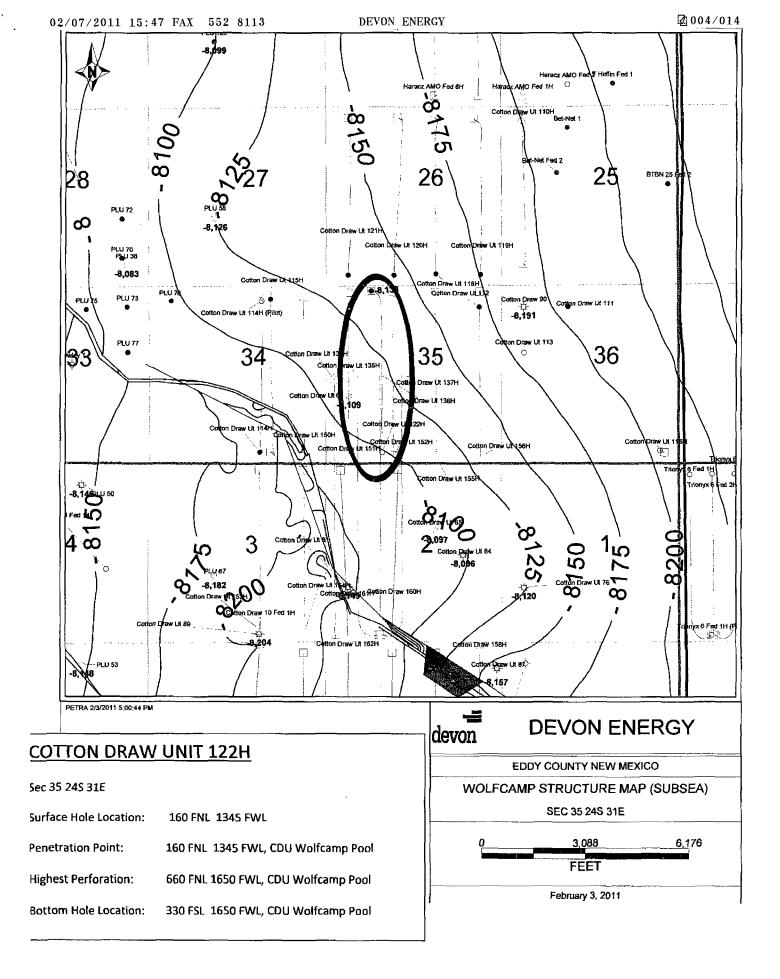
Attached for your review you will find a structure map on top of the Wolfcamp formation, Devon's directional drilling plan, a land plat reflecting the affected parties and a State of New Mexico form C-102.

Feel free to contact the undersigned at (405) 228-2406 if there are any concerns or questions regarding this application.

Yours very truly,

DEVON ENERGY PRODUCTION COMPANY, L.P.

Sam McCurdy Landman



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Devon Energy

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Eddy Co., New Mexico (Nad 83) Cotton Draw Unit #122 Cotton Draw Unit #122

Lateral #1

Plan: Design #1

Standard Survey Report

17 September, 2010



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Project Eddy Co., New Maxico (had 83) Well: Coron Draw Unit #122 Well: Coron Draw Unit #122 Well: Coron Draw Unit #122 Well: Coron Draw Unit #122 Dealign: Doegin #1	BECTION DETAUR	TVD +We +U-M Tring Tring Visa Theyat C24-912 CL03 C00 C00	Provide International Internat	WELLBOHE TVACET DETAULS (MAP CO-CRUIMITES AND LATICHES) VICE - FEUV 1. PLACHES AND LATICHES VICE - EEUV 1. PLACHES - CO-CRUIMITES AND LATICHES VICE - EEUV 1. PLACHES - 4721,74 - 213,10 - 4-5515,45 - 721,772,17 - 321,92 H - 100 - 456,533 W	WELL DETALLE CERD DERVLIM FIZZ Count Level Welting Sciences Welting Estimate Count Sciences Counts 10 Padding of Sciences Counts 10 Padding of Sciences	Are Fitzhurkeniet) Dee B43. Bepartmerit 2010 Dean	
devon		Bao MC Inc Ac 1 0.00 0.00 0.00 2 123400 0.00 0.00 3 1173/15 2244 0.04 4 12175/15 2244 0.04 5 12960210 0.02 1.05 6 12190210 0.02 1.02 7 121602420 2.05 1.0204 7 1613(55 80.00 1.05	Recharge and an an and an	WEI Name Pointer Pointer Per Columpor	1145 1145 1145 1145 1145 1145 1145 1145	Plart Datign 11 (octon Draw Unit #12).Latitia161) Cuastication (Charles Brutton) Oran B.4.3. Begium Charalact Oran Draw Aspruart Oran	1005) Majed leadhev euir

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	and a subscription of the			_	Report	Jervice:	5		
devo	11								SERVICES
Company:	Devon Energy				-ordinate Refere		Site Cotton Drav		
Project:	-	Mexico (Nad 83)		TVD Refe			-	Oft (Original Wel	
Site: Nell:	Cotton Draw Ur Cotton Draw Ur			MD Refer	ence: lerence:		WELL @ 3524.0 Grid)0ft (Original Wel	(Elev)
Nellbore:	Lateral #1	11. #122			alculation Metho		Minimum Curvat	turə	
Design:	Design #1			Database			EDM 2003.21 S	ingle User Db	
Project	Eddy Co.,	New Mexico (Nad	83)				<u></u>		<u> </u>
Map System:	US State Pi	ane 1983		System	Datum:		Mean Sea Leve		
Geo Datum: Wap Zone:		can Datum 1983 Eastern Zone							
			5 7 040 D 040				· · · · · · · · · · · · · · · · · · ·		
Site Position:	Cotton Dra	w Unit #122, Sec :	Northing:		429,885.19 ft	Latitude:			32° 10' 49.799
From:	Мар		Easting:		720,957.67 ft	Longitude	;		103° 45' 9.919 \
Position Uncertai		0.00 ft	Slot Radius:			Grid Conv			0.31 °
Nell	Cotton Dra	w Unit #122							
Nell Position	+N/-S	0.00 ft	Northing:		429,885.1	19ft I	Latitude:		32° 10' 49.799
	+E/-W	0.00 ft	Easting:		720,957.0		Longitude:		103° 45' 9.019 \
Position Uncertai	nty	0.00 ft	Wellhead El	evation:	3,524.0	oaft e	Ground Level:		3,504.00 ft
Wellbore	Lateral #1								
Magnetics	Made	Name	Sample Date	Dec	lination	D	elenA qi	Field	Strength
			-		(°)		່ຕັ	(nT)
	IG	RF200510	09/17/10) 	7 74		60.15	·	48,677
Design	Design #1								
Audit Notes:					-			0.00	
Version:			Phase:	PLAN		ie On Depth:		0.00	
Vertical Section:			rom (TVD) (ft)	+N/-: (ft)		∙E/-W (ft)	I	Direction (°)	
		C	.00	0.00]	0.00		176.21	
Survey Tool Prog	ran	Date 09/17	/10		<u> </u>				
From (ft)	To (ft)	Survey (Wellb	огв)		Tool Name		Description		
0.	00 O.	00 Design #1 (Lat	eral #1)		NS-GYRO-MS		North sensing (gyrocompassing	m/s
12,700.	00 18,134	24 Design #1 (Lat	eral #1)		CUDD MWD		MWD - Standa		
Planned Survey									
Measure	d		Vertical			Vertical	Dogleg	Build	Tum
Depth (ft)	inclinatio (*)	n Azlmuth (°)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Section (ft)	Rate (°/100ft)	Rate (*/109ft)	Rate (%100ft)
0.		.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
606.	-	.00 0.00		0.00	0.00	0.00	0.00	0.00	0.00
Rustler						A A -			
980. Salado	0	.00 0.00	980.00	0.00	0.00	0.00	0.00	0.00	0.00
2,812. Castile	00 00	.00 0.00	2,812.00	0.00	0.00	0.00	0.00	0.00	0.00
Castle 4,107 Base of		.00 0.00	4,107.00	0.00	0.00	0.00	0.00	0.00	0.00
10 8350	ORL								

09/17/10 5:04:50PM

COMPASS 2003.21 Build 45

devon

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CUDD Drilling & Measurement Services

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Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Site Cotton Draw Unit #122
Project:	Eddy Co New Mexico (Nad 83)	TVD Reference:	WELL @ 3524.00ft (Original Well Elev)
Site;	Cotton Draw Unit #122	MD Reference:	WELL @ 3524.00ft (Original Well Elev)
Well:	Cotton Draw Unit #122	North Reference:	Grid
Wellbore:	Lateral #1	Survey Calculation Method:	Minimum Curvature
Design:	Design #1	Database:	EDM 2003.21 Single User Db

Planned Survey

Measured Depth (ft)	inclination (°)	Azimuth (°)	Verti ca l Depth (ft)	+N/-S (fl)	+Ė/-W (ft)	Vertical Section (ft)	Dogieg Rate (°/108ft)	Build Rate ("/100ft)	Turn Rate (*/100ft)
4,364.00	0.00	0.00	4,384.00	0.00	0.00	0.00	0.00	0.00	0.00
Bell Canyon									
5,355.00	0.00	0.00	5,355.00	0.00	0.00	0.00	0.00	0.00	0.00
Cherry Ceny	on								
6,628.00	0.00	0.00	6,626.00	0.00	0.00	0.00	0.00	0.00	0.00
Brushy Cany									
8,215.00	0.00	0.00	8,215.00	0.00	0.00	0,00	0.00	0.00	0.00
1st BS Lime									
9,318.00	0.00	0.00	9,318.00	0.00	0.00	0.00	0.00	0.00	0.00
1st BS Se									
9,692.00	0.00	0.00	9,692.00	0.00	0.00	0.00	0.00	0.00	0.00
2nd BS Lime									
9,916.00	0.00	0.00	9,916.00	0.00	0.00	0.00	0.00	0.00	0,00
2nd BS Ss									
10,402.00	0.00	0.00	10,402.00	0.00	0.00	0.00	0.00	0.00	0.00
3rd BS Lime									
11,118.00	Q , 00	0.00	11.118.00	0.00	0.00	0.00	0.00	0.00	0.00
3rd BS Ss									
11,618.00	0.00	0.00	11,618.00	0.00	0.00	0.00	0.00	0.00	0.00
Wolfcamp									
12,848.00	0.00	0.00	12,848.00	0.00	0.00	0.00	0.00	0.00	0.00
KOP - B&T 1	p. C*/1 00'								
13,173.43	32.54	105.40	13,156.21	-23.89	86.73	29.57	10.00	10.00	0.00
13,173.68	32.54	105.40	13,156.43	-23.93	86.86	29.62	0.00	0.00	0,00
13,742.00	66.17	170.59	13,543.00	-347.97	294.02	366.64	10.00	5.92	11.47
Upper Penn	Shale								
13,900.30	79.28	179.90	13,590.00	-408.12	306.07	517.26	10.00	8,28	5.89
PP (CDU#12:	2)								
14,007.50	90.00	179.90	13,600.00	-604.70	306.25	623.62	10.00	10.00	0.00
	90.0* @ A:179.9								
18,134.55	90.00	179.90	13,600.00	-4,791 74	313.10	4,742.09	0.00	0.00	0.00

Design Targets									
Target Name hit/miss target Shape	Dip Angla (°)	Dip Dir. (°)	TVD (tt)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Eesting (ft)	Latitude	Longitude
PP (CDU#122) - plan hits target cent - Point	0.00 er	0,00	13,580.00	-498.12	306.07	429,387.07	721,263.74	32° 10' 44.853 N	103° 45' 6.389 W
PBHL - TD (CDU#122) - plan hits target cent - Point	0.00 er	0.00	13,600.00	-4,791 74	313.10	425,153.48	721,270.77	32° 10' 2.959 N	103° 45' 6.573 W

Page 3

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CUDD Drilling & Measurement Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Referenco:	Site Cotton Draw Unit #122
Project:	Eddy Co., New Mexico (Nad 83)	TVD Reference:	WELL @ 3524.00ft (Original Well Elev)
Site:	Cotton Draw Unit #122	MD Reference:	WELL @ 3524.00ft (Original Well Elev)
Well:	Cotton Draw Unit #122	North Reference:	Grid
Wellbore:	Lateral #1	Survey Calculation Method:	Minimum Curvature
Design:	Design #1	Database:	EDM 2003.21 Single User Db

Casing Points

devo

Measured	Vertical			Casing	Hole
Depth	Depth			Diameter	Diameter
(ft)	(ft)		Name	(")	ሮን
4,200.00	4,200.00	9 5/8° Casing		9-5/8	12-1/4

Formationa						
	Measured Depth (ଶ)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (*)
1	606.00	606.00	Rustler		0.00	
	980.00	980.00	Selado		0.00	
	2,812.00	2,812.00	Castile		0.00	
	4,107.00	4,107.00	Base of Salt		0.00	
	4,364.00	4,364.00	Bell Canyon		0.00	
	5,355.00	5,355.00	Cherry Canyon		0.00	
	6,626.00	6,626.00	Brushy Canyon		0.00	
	8,215.00	8,215.00	1st BS Lime		0.00	
	8,318.00	9,318.00	1st BS Ss		0.00	
1	9,692.00	9,892.00	2nd BS Lime		Q.DQ	
	9,916.00	9,916.00	2nd BS Ss		0.00	
	10,402.00	10,402.00	Srd BS Lime		.0.00	
	11,118.00	11.118.00	3rd BS Ss		0.00	
	11,618.00	11,818.00	Wolfcamp		0.00	
	13,742.00	13,543.00	Upper Penn Shale		0.00	

Plan Annotations

	Measured	Vertical	Local Coord	inates	
	Depth (ft)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment
	12,848.00 14,007.50	12,648.00 13,600.00	0.00 0.00 -604 70 308.25		KOP 8&T 10.0*/100' EOC Hold 1:90.0* @ A.179.90
Checked By			Appr	oved By	Date:

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CDU #122_Plan #1_Report_09-17-10.txt

Devon Energy Cotton Draw Unit #122 - Design #1

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Eddy Co., New Mexico (Nad 83) Cotton Draw Unit #122

Measured			Vertical			Vertical
Dogleg Depth	Incl.	Azim.	Depth	Northings	Eastings	Section
Rate (ft)			(ft)	(ft)	(ft)	(ft)
(°/100ft)						
0.00	0.00	0.00	0.00	0.00 N	0.00 E	0.00
12848.00	0.00	0.00	12848.00	0.00 N	0.00 E	0.00
0.00 12900.00	5.20	105.40	12899.93	0.63 s	2.27 E	0.78
10.00 13000.00	15.20	105.40	12998.22	5.32 s	19.32 E	6.59
10.00 13100.00	25.20	105.40	13091.95	14.48 S	52.57 E	17.92
10.00 13173.43	32.54	105.40	13156.21	23.89 s	86.73 E	29.57
10.00 13173.68	32,54	105.40	13156.43	23.93 s	86.86 E	29.62
0.00 13200.00	32.97	110.20	13178.56	28.28 S	100.41 E	34.86
10.00 13300.00	36.13	126.98	13261.10	55.48 S	149.62 E	65.25
10.00 13400.00	41.25	140.77	13339.27	98.87 5	194.14 E	111.48
10.00 13500.00	47.69	151.72	13410.70	157.12 s	232.60 E	172.15
10.00 13600.00	54.97	160.52	13473.21	228.47 S	263.86 E	245.41
10.00 13700.00	62.78	167.83	13524.90	310.74 s	286.94 E	329.03
10.00 13800.00	70.92	174.16	13564.21	401.45 s	301.15 E	420.48
10.00 13900.00	79.25	179.89	13589.94	497.82 S	306.07 E	516.97
10.00 13900.30 10.00	79.28	179.90	13590.00	498.12 s	306.07 E	517.26
14000.00 10.00	89.25	179 90	13599.95	597.20 s	306.24 E	616.13
14007.50 10.00	90.00	179.90	13600.00	604.70 s	306.25 E	623.62
14100.00 0.00	90.00	179.90	13600.00	697.19 S	306.40 E	715.92
14200.00 0.00	90.00	179.90	13600.00	797.19 S	306.57 E	815.72
14300.00 0.00	90.00	179.90	13600.00	897.19 s	306.73 E	915.51
14400.00 0.00	90.00	179.90	13600.00	997.19 s	306.90 E	1015.30
14500.00 0.00	90.00	179.90	13600.00	1097.19 s	307.07 E	1115.09
14600.00 0.00	90 00	179.90	13600.00	1197.19 s	307.23 E	1214.88
14700.00 0.00	90.00	179.90	13600.00	1297.19 S	307.40 E	1314.68

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14800.00 0.00	90.00	179.90	13600.00	1397.19 s	307.56 E	1414.47
14900.00 0.00	90.00	179.90	13600.00	1497.19 S	307.73 E	1514.26
15000.00	90.00	179.90	13600.00	1597,19 s	307.90 E	1614.05
0.00	90.00	179 90	13600.00	1697.19 S	308.06 E	1713.84
0.00 15200.00	90.00	179.90	13600.00	1797.19 S	308.23 E	1813.64
0 00 15300.00	90.00	179 90	13600.00	1897.19 s	308.39 E	1913.43
0.00 15400.00	90.00	179.90	13600.00	1997.19 s	308.56 E	2013.22
0.00	90.00	179.90	13600.00	2097.19 s	308.73 E	2113.01
0.00 15600 00	90.00	17 9.90	13600.00	2197.19 s	308.89 E	2212.81
0.00 15700.00	90.00	179.90	13600.00	2297 .1 9 s	309.06 E	2312.60
0,00 15800 00	90.00	179.90	13600.00	2397.19 s	309.22 E	2412.39
0.00 15900.00	90.00	179.90	13600.00	2497.19 s	309.39 E	2512.18
0.00 16000.00	90.00	179.90	13600.00	2597.19 s	309.56 E	2 611.9 7
0.00 16100.00	90.00	179.90	13600.00	2697.19 s	309.72 E	2711.77
0.00 16200.00	90.00	179.90	13600.00	2797 .1 9 s	309.89 E	2811.56
0.00 16300.00	90.00	179.90	13600.00	2897.19 S	310.05 E	2911.35
0.00 16400.00	90 00	179.90	13600.00	2997.19 S	310.22 E	3011.14
0.00 16500.00	90.00	179.90	13600.00	3097.19 s	310.39 E	3110.93
0.00 16600.00	90.00	179.90	13600.00	3197.19 s	310.55 E	3210.73
0.00 16700.00	90.00	179.90	13600.00	3297.19 S	310.72 E	3310.52
0.00 16800.00	90.00	1 79.90	13600.00	3397.19 s	310.88 E	3410.31
0.00 16900.00 0.00	90.00	179.90	13600.00	3497.19 s	311.05 E	3510.10
17000.00	90.00	179.90	13600.00	3597.19 s	311.22 E	3609.90
0.00 17100.00	90.00	179.90	13600.00	3697.19 s	311.38 E	3709.69
0.00 17200.00	90.00	179.90	13600.00	3797.19 s	311.55 E	3809.48
0.00 17300.00	90.00	179.90	13600.00	3897.19 s	3 11.71 E	3909.27
0.00 17400.00	90.00	1 79.90	13600.00	3997.19 s	311.88 E	4009.06
0.00 17500.00	90.00	179.90	13600.00	4097.19 s	312.05 E	4108.86
0.00 17600.00	90.00	179.90	13600.00	4197.19 S	312.21 E	4208.65
0.00 17700.00 0.00	90.00	179.90	13600.00	4297.19 S	312.38 E	4308.44
17800.00 0.00	90.00	179.90	13600.00	4397.19 s	312.55 E	4408.23
17900.00	90.00	179.90	13600.00 Pa	4497.19 s age 2	312.71 E	4508.02

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CDU #122_Plan #1_Report_09-17-10.txt

0.00			FIZZ_FIGN #1		U. LXL	
18000.00 0.00	90.00	179.90	13600.00	4597.19 S	312.88 E	4607.82
18100.00 0.00	90.00	179.90	13600.00	4697.19 s	313.04 E	4707.61
18134.55 0.00	90.00	179.90	13600.00	4731.74 s	313.10 E	4742.09

All data are in feet unless otherwise stated. Directions and coordinates are relative to Grid North. Vertical depths are relative to WELL. Northings and Eastings are relative to Site.

The Dogleg Severity is in Degrees per 100 feet. Vertical Section is from Slot and calculated along an Azimuth of 176.210° (Grid).

Coordinate System is North American Datum 1983 US State Plane 1983, New Mexico Eastern Zone. Central meridian is -104.333'. Grid Convergence at Surface is 0.309°.

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Based upon Minimum Curvature type calculations, at a Measured Depth of 18134.55ft., the Bottom Hole Displacement is 4742.09ft., in the Direction of 176.210° (Grid).

Page 3

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<u>District I</u> 1625 N. French Du <u>District II</u> 1301 W. Grand Av <u>District III</u> 1000 Rio Brazos R <u>District IV</u> 1220 S. St. Francis	veane, Artes Id., Aztec, N	ia, NM 8821 M 87410	Q	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 October 15.2009 Submit one copy to appropriate District Office		
			WELL LO	CATIC	ON AND AC	REAGE DEDIC	CATION PL	AT			
	API Numbe (5 ~	38453 82520 Parture WC 2010					#01e				
'Property	Code	* Property Name						⁶ Well Number			
		COTTON DRAW								122	
⁷ OGRID	Na.	⁸ Operator Name						⁹ Elevation			
6137		DEVON ENERGY PRODUCTION COMPANY, 1					NY, L.P.			3504.6	
¹⁰ Surface Location											
UL or lot as.	Section	Township	Range	Lot ldp	Feet from the	North/South line	Feet from the	East/W	est line	County	
С	35	24 S	31 E		160	NORTH	1345	WE	ST	EDDY	
"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/We	est line	County	
N	35	24 S	31 E		330	SOUTH	1650	WE	ST	EÐDY	
¹² Dedicated Acres	a l ¹³ Jainto	r Infill	Consolidation	Code 15 ()rder No.	- 6		<u>ہ</u>		• <u>•</u> •••••	

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.

1	<u>4</u>	T	NE CORNER SEC. 35	¹⁷ OPERATOR CERTIFICATION
1345'	A .	1	LAT = 3210'52.00'N	I hereby vertify that the information opeianned herein is true and complete
SURFACE	I & UPS	· ·	LONG = 103'44'24.18'W	to the best of my knowledge and belief, and that this organization either
LOCATION	PENETRATIO	1 N	NMSP EAST (FI)	
1650'			N =430070.15	owns a working interest or unleased mineral interest in the land including
# [1	ļ	ε =724896.74	the proposed bottom hole location or has a right to drill this well at this
NW CORNER SEC. 35	COTTON DRAW	UNIT #122	1	location persuant to a contract with an owner of such a mineral or working
LAT. = 32'10'51.95'N	ELEV. = 3504.6		1	interest, or to a voluntary pooling agreement or a compulsory pooling
LONC. = 103'45'25.66"W				arder herevolars emered by the division.
NMSP_EAST (FT)	LAT. = 32.10'50	SELN (NAD85)		and recorder there of the destant.
N = 430036.93	1LONG. = 10345	¥10.015″W		
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		1		
	UPS PENETRATION	POINT		
¥1	ILAT. = 32'10'45.44"N	1		Signature Date
	LONG. = 103'45'06.49"W NMSP EAST (FT)	: :		Printed Name
1	LN = 429387.07	1		Linuca Matte
(E = 721263.74	i		WELLIN WELLON OUD OUD TO A THOMAS
	1			*SURVEYOR CERTIFICATION
		ì)	I hereby certify that the well location shown on this
	. 		{	plut was plotted from field notes of actual surveys
]	 •		made by me or unter the supervision, and that the
	1	(same is the and carreed had ben of my belief.
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	j F	· .		JULY 2 ROTO X MEXIC
SW CORNER SEC. 35	┝╼──~ ~~ ╺╺╺ 	·		Dates Schwey
LAT. = 32'10'00.38"N				VII / NOTA
LONG. = 103'45'25.88"W				NEMINE STALLED AN
NMSP EAST (FT)	1			ERAD HARE NO
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E = 719621.10	BOTTOM	$LAT_{.} = 3210'03.55'N$	LAT. = 321000.07 N	Signature and Sent of Bernard Salvator
	OF HOLE	LONG. = 103'45'06.67"W NMSP EAST (FT)	LONG. = 103'44'24,35"W	Signature and Scal of Producential Salveror
1650'	T	N = 425153.48	NMSP EAST (FT)	Certificate Nonibery, ALANDY FJARAMILLO, PLS 12797
	1	E = 721270.77	N = 424821.55	SURVEY NO. 159
	1 <u></u>		E = 724911.12	

Brooks, David K., EMNRD

From:	Brooks, David K., EMNRD
Sent:	Monday, February 28, 2011 3:29 PM
То:	'McCurdy, Sam'
Cc:	Kautz, Paul, EMNRD
Subject:	Cotton Draw Unit #122H; NSL application

Dear Mr. McCurdy

As I understand, this well is proposed to be completed in the Wolfcamp. The proposed location in the W/2 of Section 35-24S-31E is in the undesignated Paduca Wolfcamp Gas Pool. So you have correctly applied for an NSL based on gas well spacing rules. However, you request a 160-acre project area consisting of 4 oil units. Since this is a gas pool, the unit size would be 320 acres and the project area would be equal to the spacing unit, i.e. the W/2 of Section 35. Classification could be changed if the well is an oil well.

I am copying Paul Kautz to confirm that this location is considered to be within a gas pool.

Also, your letter states that "Devon will penetrate the top of the Wolfcamp formation with the vertical portion of the well bore, which would lead one to assume that the penetration point is the same as the surface location. However, your attached C-102 identified the surface location as 660 FNL & 1650 FWL.

Please clarify these matters.

Thanks David K. Brooks Legal Examiner



Brooks, David K., EMNRD

From: Sent: To: Cc: Subject: McCurdy, Sam [Sam.McCurdy@dvn.com] Tuesday, March 01, 2011 6:45 AM Brooks, David K., EMNRD Kautz, Paul, EMNRD RE: Cotton Draw Unit #122H; NSL application

Mr. Brooks,

Devon will be drilling this based on the NMOCD rules as set forth for a gas well. Therefore despite the initial request to establish a 160-acre project area, Devon would request that the project area be comprised of W/2 Section 35, containing 320.00 acres more or less.

Devon will penetrate the top of the Wolfcamp formation directly beneath the surface location being 160' FNL & 1345' FWL. The C-102 also identifies where Devon will penetrate the productive interval within the Wolfcamp formation, which is 660' FNL & 1650' FWL. Both the SHL and the penetration point for the productive interval are shown on the C-102. Since the target formation will be penetrated at a non-standard location closer than 660' to the outer boundary of the project area at the SHL, Devon will also affect the leasehold owner in Unit letters M & N of Section 26-T24S-R31E, Eddy County, NM. The ownership in this section is the same as the ownership in the well.

I apologize for the errors contained within the cover letter, please let me know if you have any questions.

Sincerely, Sam McCurdy (405) 228-2406

From: Brooks, David K., EMNRD [mailto:david.brooks@state.nm.us]
Sent: Monday, February 28, 2011 4:29 PM
To: McCurdy, Sam
Cc: Kautz, Paul, EMNRD
Subject: Cotton Draw Unit #122H; NSL application

Dear Mr. McCurdy

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Please clarify these matters.

Thanks

David K. Brooks Legal Examiner

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