Well Name	Well Number	US Well Number	Lease Number	Case Number	Operator
RIGHT MEOW 30-	622H	3002548449	NMNM14157	NMNM14157	DEVON
RIGHT MEOW 30-	712H	3002548451	NMNM14157	NMNM14157	DEVON
RIGHT MEOW 30-	711H	3002548450		-	DEVON

Notice of Intent

Sundry ID: 2647974

Type of Submission: Notice of Intent

Date Sundry Submitted: 12/09/2021

Date proposed operation will begin: 12/09/2021

Type of Action: Other Time Sundry Submitted: 06:36

Procedure Description: Devon Energy Production Company, L.P. respectfully requests approval for optional surface casing/drilling plan of 10-3/4" surface casing inside of 12-1/4" surface hole at previously permitted set depths. Devon Energy Production Company, L.P. will circulate class C cement to surface behind the 10-3/4" casing. Please see attachments.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Pipe_Body_and_API_Connections_Performance_Data_10.7500_40.5000_0.3500__H40_20211209063052.pdf

Right_Meow_30_31_Fed_Com_711H_Permit_Plan_1_20211209063052.pdf

Conditions of Approval

Additional Reviews

30_23_32_C_ATS_20_2838_Right_Meow_30_31_Fed_Com_712H_Lea_NM014157_Devon_Energy_Production_Com pany_LP_13_22c_10_14_2020_LV_20211214071725.pdf

30_23_32_C_ATS_20_2836_Right_Meow_30_31_Fed_Com_622H_Lea_NM014157_Devon_Energy_Production_Com pany_LP_13_22c_10_14_2020_LV_20211214071725.pdf

30_23_32_1_ATS_20_2832_Right_Meow_30_31_Fed_Com_711H_Lea_NM14157_Devon_Energy_Production_Compa ny_LP_13_22c_12_07_2020_LV_20211214071725.pdf

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: JENNY HARMS

Signed on: DEC 09, 2021 06:33 AM

Name: DEVON ENERGY PRODUCTION COMPANY LPTitle: Regulatory Compliance ProfessionalStreet Address: 333 West Sheridan AvenueCity: Oklahoma CityState: OKPhone: (405) 552-6560Email address: jennifer.harms@dvn.com

Field Representative

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

Zip:

BLM Point of Contact

BLM POC Name: Cody Layton BLM POC Phone: 5752345959 Disposition: Approved Signature: Cody R. Layton

BLM POC Title: Assistant Field Manager Lands & Minerals BLM POC Email Address: clayton@blm.gov Disposition Date: 12/20/2021

Received by OCD: 1/4/2022 12:33:28 PM

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Right Meow 30-31 Fed Com 711H

10 3/4	su	rface csg in a	12 1/4	inch hole.		Design I	actors			Surfa	ce	
Segment	#/ft	Grade		Coupling	Joint	Collapse	Burst	Length	B@s	a-B	a-C	Weight
"A"	40.50		h 40	btc	10.50	2.77	0.36	1,075	5	0.61	5.22	43,538
"B"				btc				0				0
	w/8.4#	#/g mud, 30min Sfc Csg Test	psig: 1,127	Tail Cmt	does not	circ to sfc.	Totals:	1,075				43,538
Comparison o		Minimum Required Cem						,				
Hole	Annular	1 Stage	1 Stage	Min	1 Stage	Drilling	Calc	Reg'd				Min Dis
Size	Volume	Cmt Sx	CuFt Cmt	Cu Ft	% Excess	Mud Wt	MASP	BOPE				Hole-Cp
12 1/4	0.1882	798	1149	202	468	9.00	3735	5M				0.75
urst Frac Grad	dient(s) for Segn	nent(s) A, B = , b All > (0.70, OK.									
									-			
8 5/8	cas	ing inside the	10 3/4			<u>Design l</u>	Factors		-	Int 1		
Segment	#/ft	Grade		Coupling	Joint	Collapse	Burst	Length	B@s	a-B	a-C	Weigh
"A"	32.00		p 110	tlw	2.93	0.68	1.35	11,475	1	2.26	1.13	367,20
"B"								0				0
	w/8.4#	#/g mud, 30min Sfc Csg Test	psig:				Totals:	11,475				367,20
		The cement	volume(s) are inte	nded to achieve a top of	0	ft from su	rface or a	1075				overlap.
Hole	Annular	1 Stage	1 Stage	Min	1 Stage	Drilling	Calc	Req'd				Min Dis
Size	Volume	Cmt Sx	CuFt Cmt	Cu Ft	% Excess	Mud Wt	MASP	BOPE				Hole-Cp
0 = 10	0.1261	940	2223	1468	51	10.50	3959	5M				0.44
		540							_			
	nt yld > 1.20	940 ing inside the	8 5/8			Design Fac	<u>ctors</u>		-	Prod	1	
Tail cmt 5 1/2	nt yld > 1.20			Coupling	Body		<u>ctors</u> Burst	Length	B@s	Prod a-B	1 a-C	Weigh
Class 'H' tail cm Tail cmt 5 1/2	nt yld > 1.20 Cas	ing inside the				Design Fac		Length 22,140	B@s 2			•
Tail cmt 5 1/2 Segment	nt yld > 1.20 cas #/ft	ing inside the	8 5/8	Coupling	Body	<u>Design Fac</u> Collapse	Burst		<u> </u>	a-B	a-C	•
Tail cmt 5 1/2 Segment "A"	nt yld > 1.20 cas #/ft 17.00	ing inside the	8 5/8 p 110	Coupling	Body	<u>Design Fac</u> Collapse	Burst	22,140	<u> </u>	a-B	a-C	376,38 0
Tail cmt 5 1/2 Segment "A"	nt yld > 1.20 cas #/ft 17.00	ing inside the Grade	8 5/8 p 110 psig: 2,676	Coupling	Body	<u>Design Fac</u> Collapse	Burst 1.6 Totals:	22,140 0	<u> </u>	a-B	a-C 1.89	376,38 0
Tail cmt 5 1/2 Segment "A"	nt yld > 1.20 cas #/ft 17.00	ing inside the Grade	8 5/8 p 110 psig: 2,676	Coupling btc	Body 2.64	Design Fac Collapse 1.13	Burst 1.6 Totals:	22,140 0 22,140	<u> </u>	a-B	a-C 1.89	376,38 0 376,38 overlap.
Tail cmt 5 1/2 Segment "A" "B"	nt yld > 1.20 cas #/ft 17.00 w/8.44	ing inside the Grade #/g mud, 30min Sfc Csg Test The cement	8 5/8 p 110 psig: 2,676 volume(s) are inte	Coupling btc	Body 2.64 11275	Design Fac Collapse 1.13 ft from su	Burst 1.6 Totals: rface or a	22,140 0 22,140 200	<u> </u>	a-B	a-C 1.89	376,38 0 376,38 overlap. Min Dis
Tail cmt 5 1/2 Segment "A" "B" Hole	tt yld > 1.20 cas #/ft 17.00 w/8.44 Annular	ing inside the Grade #/g mud, 30min Sfc Csg Test The cement 1 Stage	8 5/8 p 110 psig: 2,676 volume(s) are inte 1 Stage	Coupling btc nded to achieve a top of Min	Body 2.64 11275 1 Stage	Design Fac Collapse 1.13 ft from su Drilling	Burst 1.6 Totals: rface or a Calc	22,140 0 22,140 200 Req'd	<u> </u>	a-B	a-C 1.89	376,38 0 376,38 overlap. Min Dis
Tail cmt 5 1/2 Segment "A" "B" Hole Size 7 7/8	t yld > 1.20 cas #/ft 17.00 w/8.44 Annular Volume 0.1733	ing inside the Grade #/g mud, 30min Sfc Csg Test The cement 1 Stage Cmt Sx	8 5/8 p 110 psig: 2,676 volume(s) are inte 1 Stage CuFt Cmt	Coupling btc nded to achieve a top of Min Cu Ft	Body 2.64 11275 1 Stage % Excess	Design Fax Collapse 1.13 ft from su Drilling Mud Wt	Burst 1.6 Totals: rface or a Calc	22,140 0 22,140 200 Req'd	<u> </u>	a-B	a-C 1.89	376,38 0 376,38 overlap. Min Dis Hole-Cp
Class 'H' tail on Tail cmt 5 1/2 Segment "A" "B" Hole Size 7 7/8 Class 'C' tail on #N/A	t yld > 1.20 cas #/ft 17.00 w/8.44 Annular Volume 0.1733	ing inside the Grade #/g mud, 30min Sfc Csg Test The cement 1 Stage Cmt Sx	8 5/8 p 110 psig: 2,676 volume(s) are inte 1 Stage CuFt Cmt 2336	Coupling btc nded to achieve a top of Min Cu Ft	Body 2.64 11275 1 Stage % Excess	Design Fac Collapse 1.13 ft from su Drilling Mud Wt 10.50	Burst 1.6 Totals: rface or a Calc MASP	22,140 0 22,140 200 Req'd	2	a-B 2.69	a-C 1.89	376,38 overlap. Min Dis Hole-Cpl
Tail cmt 51/2 Segment "A" "B" Hole Size 7 7/8 Class 'C' tail cm #N/A 0	t yld > 1.20 cas #/ft 17.00 w/8.4 Annular Volume 0.1733 it yld > 1.35	ing inside the Grade #/g mud, 30min Sfc Csg Test The cement 1 Stage Cmt Sx 1510	8 5/8 p 110 psig: 2,676 volume(s) are inte 1 Stage CuFt Cmt	Coupling btc nded to achieve a top of Min Cu Ft 1883	Body 2.64 11275 1 Stage % Excess 24	Design Fac Collapse 1.13 ft from su Drilling Mud Wt 10.50 Design I	Burst 1.6 Totals: rface or a Calc MASP Factors	22,140 0 22,140 200 Req'd BOPE	2	a-B 2.69	a-C 1.89	376,38 0 376,38 overlap. Min Dis Hole-Cp 0.91
Tail cmt 5 1/2 Segment "A" "B" Hole Size 7 7/8 Class 'C' tail cm #N/A 0 Segment	t yld > 1.20 cas #/ft 17.00 w/8.44 Annular Volume 0.1733	ing inside the Grade #/g mud, 30min Sfc Csg Test The cement 1 Stage Cmt Sx	8 5/8 p 110 psig: 2,676 volume(s) are inte 1 Stage CuFt Cmt 2336	Coupling btc nded to achieve a top of Min Cu Ft 1883	Body 2.64 11275 1 Stage % Excess	Design Fac Collapse 1.13 ft from su Drilling Mud Wt 10.50	Burst 1.6 Totals: rface or a Calc MASP	22,140 0 22,140 200 Req'd BOPE	2	a-B 2.69	a-C 1.89	376,38 0 376,38 overlap. Min Dis Hole-Cp 0.91 Weigh
Tail cmt 5 1/2 Segment "A" "B" Hole Size 7 7/8 Class 'C' tail cm #N/A 0 Segment "A"	t yld > 1.20 cas #/ft 17.00 w/8.4 Annular Volume 0.1733 it yld > 1.35	ing inside the Grade #/g mud, 30min Sfc Csg Test The cement 1 Stage Cmt Sx 1510	8 5/8 p 110 psig: 2,676 volume(s) are inte 1 Stage CuFt Cmt 2336	Coupling btc nded to achieve a top of Min Cu Ft 1883	Body 2.64 11275 1 Stage % Excess 24	Design Fac Collapse 1.13 ft from su Drilling Mud Wt 10.50 Design I	Burst 1.6 Totals: rface or a Calc MASP Factors	22,140 0 22,140 200 Req'd BOPE	2	a-B 2.69	a-C 1.89	376,38 0 376,38 overlap. Min Dis Hole-Cp 0.91 Weigh
Tail cmt 5 1/2 Segment "A" "B" Hole Size 7 7/8 class 'C' tail cm #N/A 0 Segment	t yld > 1.20 cas #/ft 17.00 w/8.4 Annular Volume 0.1733 it yld > 1.35	ing inside the Grade #/g mud, 30min Sfc Csg Test The cement 1 Stage Cmt Sx 1510	8 5/8 p 110 psig: 2,676 volume(s) are inte 1 Stage CuFt Cmt 2336	Coupling btc nded to achieve a top of Min Cu Ft 1883	Body 2.64 11275 1 Stage % Excess 24	Design Fac Collapse 1.13 ft from su Drilling Mud Wt 10.50 Design I	Burst 1.6 Totals: rface or a Calc MASP Factors	22,140 0 22,140 200 Req'd BOPE	2	a-B 2.69	a-C 1.89	376,38 0 376,38 overlap. Min Dis Hole-Cp 0.91 Weigh
Tail cmt 5 1/2 Segment "A" "B" Hole Size 7 7/8 Class 'C' tail cm #N/A 0 Segment "A"	t yld > 1.20 cas #/ft 17.00 w/8.4/ Annular Volume 0.1733 it yld > 1.35 #/ft	ing inside the Grade #/g mud, 30min Sfc Csg Test The cement 1 Stage Cmt Sx 1510 Grade	8 5/8 p 110 psig: 2,676 volume(s) are inte 1 Stage CuFt Cmt 2336 5 1/2 psig:	Coupling btc nded to achieve a top of Min Cu Ft 1883 Coupling 0.00 0.00	Body 2.64 11275 1 Stage % Excess 24 #N/A	Design Fax Collapse 1.13 ft from su Drilling Mud Wt 10.50 Design I Collapse	Burst 1.6 Totals: rface or a Calc MASP Factors Burst Totals:	22,140 0 22,140 200 Req'd BOPE	2	a-B 2.69	a-C 1.89 casing> a-C	376,38 0 376,38 overlap. Min Dis Hole-Cp 0.91 Weigh 0 0 0
Tail cmt 5 1/2 Segment "A" "B" Hole Size 7 7/8 Class 'C' tail cm #N/A 0 Segment "A" "B"	nt yld > 1.20 cas #/ft 17.00 w/8.4/ Annular Volume 0.1733 nt yld > 1.35 #/ft w/8.4/	ing inside the Grade #/g mud, 30min Sfc Csg Test The cement 1 Stage Cmt Sx 1510 Grade #/g mud, 30min Sfc Csg Test Cmt vol c	8 5/8 p 110 psig: 2,676 volume(s) are inte 1 Stage CuFt Cmt 2336 5 1/2 psig: alc below includes	Coupling btc nded to achieve a top of Min Cu Ft 1883 Coupling 0.00 0.00 0.00 e this csg, TOC intendec	Body 2.64 11275 1 Stage % Excess 24 #N/A	Design Fax Collapse 1.13 ft from su Drilling Mud Wt 10.50 Design I Collapse	Burst 1.6 Totals: rface or a Calc MASP Factors Burst Totals: rface or a	22,140 0 22,140 200 Req'd BOPE	2	a-B 2.69	a-C 1.89 casing> a-C	376,38 0 376,38 overlap. Min Dis Hole-Cp 0.91 Weigh 0 0 0 overlap.
Tail cmt 5 1/2 Segment "A" "B" Hole 7 7/8 Class 'C' tail cm #N/A 0 Segment "A" "B" Hole	nt yld > 1.20 cas #/ft 17.00 w/8.4/ Annular Volume 0.1733 nt yld > 1.35 #/ft w/8.4/ Annular	ing inside the Grade t/g mud, 30min Sfc Csg Test The cement 1 Stage Cmt Sx 1510 Grade t/g mud, 30min Sfc Csg Test Cmt vol c 1 Stage	8 5/8 p 110 psig: 2,676 volume(s) are inte 1 Stage CuFt Cmt 2336 5 1/2 psig: alc below includes 1 Stage	Coupling btc nded to achieve a top of Min Cu Ft 1883 Coupling 0.00 0.00 0.00 c.00 c.00 c.00 c.00 c.0	Body 2.64 11275 1 Stage % Excess 24 #N/A 1 Stage	Design Fax Collapse 1.13 ft from su Drilling Mud Wt 10.50 Design I Collapse ft from su Drilling	Burst 1.6 Totals: rface or a Calc MASP Factors Burst Totals: rface or a Calc	22,140 0 22,140 200 Req'd BOPE Length 0 0 0 0 #N/A Req'd	2	a-B 2.69	a-C 1.89 casing> a-C	376,38 0 376,38 overlap. Min Dis Hole-Cp 0.91 Weigh 0 0 0 overlap. Min Dis
Tail cmt 51/2 Segment "A" "B" Hole Size 7 7/8 Class 'C' tail cm #N/A 0 Segment "A" "B" Hole Size	nt yld > 1.20 cas #/ft 17.00 w/8.4/ Annular Volume 0.1733 nt yld > 1.35 #/ft w/8.4/	ing inside the Grade #/g mud, 30min Sfc Csg Test The cement 1 Stage Cmt Sx 1510 Grade #/g mud, 30min Sfc Csg Test Cmt vol c 1 Stage Cmt Sx	8 5/8 p 110 psig: 2,676 volume(s) are inte 1 Stage CuFt Cmt 2336 5 1/2 psig: alc below includes 1 Stage CuFt Cmt	Coupling btc nded to achieve a top of Min Cu Ft 1883 Coupling 0.00 0.00 0.00 this csg, TOC intendec Min Cu Ft	Body 2.64 11275 1 Stage % Excess 24 #N/A 1 Stage % Excess	Design Fax Collapse 1.13 ft from su Drilling Mud Wt 10.50 Design I Collapse	Burst 1.6 Totals: rface or a Calc MASP Factors Burst Totals: rface or a	22,140 0 22,140 200 Req'd BOPE	2	a-B 2.69	a-C 1.89 casing> a-C	376,38 0 376,38 overlap. Min Dis Hole-Cp 0.91 Weigh 0 0 0
Tail cmt 51/2 Segment "A" "B" Hole Size 7 7/8 Jass 'C' tail cm #N/A 0 Segment "A" "B" Hole	nt yld > 1.20 cas #/ft 17.00 w/8.4/ Annular Volume 0.1733 nt yld > 1.35 #/ft w/8.4/ Annular	ing inside the Grade t/g mud, 30min Sfc Csg Test The cement 1 Stage Cmt Sx 1510 Grade t/g mud, 30min Sfc Csg Test Cmt vol c 1 Stage	8 5/8 p 110 psig: 2,676 volume(s) are inte 1 Stage CuFt Cmt 2336 5 1/2 psig: alc below includes 1 Stage	Coupling btc nded to achieve a top of Min Cu Ft 1883 Coupling 0.00 0.00 0.00 this csg, TOC intendec Min Cu Ft 0	Body 2.64 11275 1 Stage % Excess 24 #N/A 1 Stage	Design Fax Collapse 1.13 ft from su Drilling Mud Wt 10.50 Design I Collapse ft from su Drilling	Burst 1.6 Totals: rface or a Calc MASP Factors Burst Totals: rface or a Calc	22,140 0 22,140 200 Req'd BOPE Length 0 0 0 0 #N/A Req'd	2	a-B 2.69	a-C 1.89 casing> a-C	376,38 0 376,38 overlap. Min Dis Hole-Cp 0.91 Weigh 0 0 0 0 overlap. Min Dis

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Right Meow 30-31 Fed Com 711H

10 3/4	Suri	face csg in a	12 1/4	inch hole.		Design I	actors			Surfa	ce	
Segment	#/ft	Grade		Coupling	Joint	Collapse	Burst	Length	B@s	a-B	a-C	Weight
"A"	40.50		h 40	btc	10.50	2.77	0.36	1,075	5	0.61	5.22	43,538
"B"				btc				0				0
	w/8.4#/§	g mud, 30min Sfc Csg Test	psig: 1,127	Tail Cmt	does not	circ to sfc.	Totals:	1,075	_			43,538
Comparison o	f Proposed to Mi	nimum Required Cem	ent Volumes									
Hole	Annular	1 Stage	1 Stage	Min	1 Stage	Drilling	Calc	Reg'd				Min Dis
Size	Volume	Cmt Sx	CuFt Cmt	Cu Ft	% Excess	Mud Wt	MASP	BOPE				Hole-Cpl
12 1/4	0.1882	798	1149	202	468	9.00	3735	5M				0.75
urst Frac Grac	dient(s) for Segme	ent(s) A, B = , b All >	0.70, OK.									
0 5 /0	cosin	g incide the	10.2/4			Design I	Eastara		-	Int		···
8 5/8		ig inside the	10 3/4	Counting	laint			Longth	D@a		a-C	Wainh
Segment	#/ft	Grade	m 110	Coupling	Joint	Collapse	Burst	Length	B@s	a-B		Weigh
"A"	32.00		p 110	tlw	2.93	0.68	1.35	11,475	1	2.26	1.13	,
"B"								0				0
	w/8.4#/Į	g mud, 30min Sfc Csg Test					Totals:	11,475				367,20
				nded to achieve a top of	0	ft from su		1075				overlap.
Hole	Annular	1 Stage	1 Stage	Min	1 Stage	Drilling	Calc	Req'd				Min Dis
Size	Volume	Cmt Sx	CuFt Cmt	Cu Ft	% Excess	Mud Wt	MASP	BOPE				Hole-Cp
				4 4 6 0	51	10.50	3959	5M				0.44
	0.1261 nt yld > 1.20	940	2223	1468	51	10.50	3939	JW	-			
	nt yld > 1.20	940 ng inside the	8 5/8		51	Design Fac			-	Prod	1	
Tail cmt 5 1/2 Segment	nt yld > 1.20 casin #/ft			Coupling	Body			Length	B@s	Prod a-B	1 a-C	Weigh
Tail cmt 5 1/2	nt yld > 1.20 casin	g inside the				Design Fac	ctors		B@s 2			•
Tail cmt 5 1/2 Segment	nt yld > 1.20 casin #/ft	g inside the	8 5/8	Coupling	Body	<u>Design Fac</u> Collapse	<u>ctors</u> Burst	Length		a-B	a-C	•
Tail cmt 5 1/2 Segment "A"	casin #/ft 17.00	g inside the	8 5/8 p 110	Coupling	Body	<u>Design Fac</u> Collapse	<u>ctors</u> Burst	Length 22,140		a-B	a-C	376,38 0
Tail cmt 5 1/2 Segment "A"	casin #/ft 17.00	g inside the Grade g mud, 30min Sfc Csg Test	8 5/8 p 110 psig: 2,676	Coupling	Body	<u>Design Fac</u> Collapse	ctors Burst 1.6 Totals:	Length 22,140 0		a-B	a-C 1.89	376,38 0
Tail cmt 5 1/2 Segment "A"	casin #/ft 17.00	g inside the Grade g mud, 30min Sfc Csg Test	8 5/8 p 110 psig: 2,676	Coupling btc	Body 2.64	Design Fac Collapse 1.13	ctors Burst 1.6 Totals:	Length 22,140 0 22,140		a-B	a-C 1.89	376,38 0 376,38 overlap.
Tail cmt 5 1/2 Segment "A" "B"	casin #/ft 17.00 w/8.4#/e	g inside the Grade g mud, 30min Sfc Csg Test The cement	8 5/8 p 110 psig: 2,676 volume(s) are inter	Coupling btc	Body 2.64 11275	Design Fac Collapse 1.13 ft from su	ctors Burst 1.6 Totals: rface or a	Length 22,140 0 22,140 200		a-B	a-C 1.89	376,38 0 376,38 overlap. Min Dis
Tail cmt 5 1/2 Segment "A" "B" Hole	casin #/ft 17.00 w/8.4#/t Annular	g inside the Grade g mud, 30min Sfc Csg Test The cement 1 Stage	8 5/8 p 110 psig: 2,676 volume(s) are inter 1 Stage	Coupling btc nded to achieve a top of Min	Body 2.64 11275 1 Stage	Design Fac Collapse 1.13 ft from su Drilling	Ctors Burst 1.6 Totals: rface or a Calc	Length 22,140 0 22,140 200 Req'd		a-B	a-C 1.89	376,38 0 376,38 overlap. Min Dis
Tail cmt 5 1/2 Segment "A" "B" Hole Size 7 7/8	t yld > 1.20 casin #/ft 17.00 w/8.4#/f Annular Volume 0.1733	g inside the Grade g mud, 30min Sfc Csg Test The cement 1 Stage Cmt Sx	8 5/8 p 110 psig: 2,676 volume(s) are inter 1 Stage CuFt Cmt	Coupling btc nded to achieve a top of Min Cu Ft	Body 2.64 11275 1 Stage % Excess	Design Fac Collapse 1.13 ft from su Drilling Mud Wt	Ctors Burst 1.6 Totals: rface or a Calc	Length 22,140 0 22,140 200 Req'd		a-B	a-C 1.89	376,38 0 376,38 overlap. Min Dis Hole-Cpl
Tail cmt 5 1/2 Segment "A" "B" Hole Size 7 7/8 Class 'C' tail cm	t yld > 1.20 casin #/ft 17.00 w/8.4#/f Annular Volume 0.1733	g inside the Grade g mud, 30min Sfc Csg Test The cement 1 Stage Cmt Sx	8 5/8 p 110 psig: 2,676 volume(s) are inter 1 Stage CuFt Cmt 2336	Coupling btc nded to achieve a top of Min Cu Ft	Body 2.64 11275 1 Stage % Excess	Design Fax Collapse 1.13 ft from su Drilling Mud Wt 10.50	Ctors Burst 1.6 Totals: rface or a Calc MASP	Length 22,140 0 22,140 200 Req'd	2	a-B 2.69	a-C 1.89	376,380 overlap. Min Dist Hole-Cpl
Class 'H' tail cm Tail cmt 51/2 Segment "A" "B" Hole Size 7 7/8 Class 'C' tail cm	t yld > 1.20 casin #/ft 17.00 w/8.4#/f Annular Volume 0.1733	g inside the Grade g mud, 30min Sfc Csg Test The cement 1 Stage Cmt Sx	8 5/8 p 110 psig: 2,676 volume(s) are inter 1 Stage CuFt Cmt	Coupling btc nded to achieve a top of Min Cu Ft	Body 2.64 11275 1 Stage % Excess	Design Fac Collapse 1.13 ft from su Drilling Mud Wt	Ctors Burst 1.6 Totals: rface or a Calc MASP	Length 22,140 0 22,140 200 Req'd	2	a-B	a-C 1.89	376,38 0 376,38 overlap. Min Dis Hole-Cp
Class 'H' tail cm Tail cmt 5 1/2 Segment "A" "B" Hole Size 7 7/8 Class 'C' tail cm #N/A 0 Segment	t yld > 1.20 casin #/ft 17.00 w/8.4#/f Annular Volume 0.1733	g inside the Grade g mud, 30min Sfc Csg Test The cement 1 Stage Cmt Sx	8 5/8 p 110 psig: 2,676 volume(s) are inter 1 Stage CuFt Cmt 2336	Coupling btc nded to achieve a top of Min Cu Ft	Body 2.64 11275 1 Stage % Excess	Design Fax Collapse 1.13 ft from su Drilling Mud Wt 10.50	Ctors Burst 1.6 Totals: rface or a Calc MASP	Length 22,140 0 22,140 200 Req'd	2	a-B 2.69	a-C 1.89	376,38 0 376,38 overlap. Min Dis Hole-Cp
Tail cmt 51/2 Segment "A" "B" Hole Size 7 7/8 Class 'C' tail cm	casin #/ft 17.00 w/8.4#/f Annular Volume 0.1733 ut yld > 1.35	g inside the Grade g mud, 30min Sfc Csg Test The cement 1 Stage Cmt Sx 1510	8 5/8 p 110 psig: 2,676 volume(s) are inter 1 Stage CuFt Cmt 2336	Coupling btc nded to achieve a top of Min Cu Ft 1883	Body 2.64 11275 1 Stage % Excess 24	Design Fac Collapse 1.13 ft from su Drilling Mud Wt 10.50 Design I	Ctors Burst 1.6 Totals: rface or a Calc MASP Factors	Length 22,140 0 22,140 200 Req'd BOPE	2	a-B 2.69	a-C 1.89 Casing>	376,38 0 376,38 overlap. Min Dis Hole-Cp 0.91
Class 'H' tail cm Tail cmt 5 1/2 Segment "A" "B" Hole Size 7 7/8 Class 'C' tail cm #N/A 0 Segment	casin #/ft 17.00 w/8.4#/f Annular Volume 0.1733 ut yld > 1.35	g inside the Grade g mud, 30min Sfc Csg Test The cement 1 Stage Cmt Sx 1510	8 5/8 p 110 psig: 2,676 volume(s) are inter 1 Stage CuFt Cmt 2336	Coupling btc nded to achieve a top of Min Cu Ft 1883	Body 2.64 11275 1 Stage % Excess 24	Design Fac Collapse 1.13 ft from su Drilling Mud Wt 10.50 Design I	Ctors Burst 1.6 Totals: rface or a Calc MASP Factors	Length 22,140 0 22,140 200 Req'd BOPE	2	a-B 2.69	a-C 1.89 Casing>	376,38 0 376,38 overlap. Min Dis Hole-Cp 0.91 Weigh
Tail cmt 5 1/2 Segment "A" "B" Hole Size 7 7/8 Class 'C' tail cm #N/A 0 Segment "A"	t yld > 1.20 casin #/ft 17.00 w/8.4#/t Annular Volume 0.1733 nt yld > 1.35 #/ft	g inside the Grade g mud, 30min Sfc Csg Test The cement 1 Stage Cmt Sx 1510 Grade g mud, 30min Sfc Csg Test	8 5/8 p 110 psig: 2,676 volume(s) are inter 1 Stage CuFt Cmt 2336 5 1/2 psig:	Coupling btc nded to achieve a top of Min Cu Ft 1883	Body 2.64 11275 1 Stage % Excess 24	Design Fac Collapse 1.13 ft from su Drilling Mud Wt 10.50 Design I	ctors Burst 1.6 Totals: rface or a Calc MASP Factors Burst	Length 22,140 0 22,140 200 Req'd BOPE	2	a-B 2.69	a-C 1.89 Casing> a-C	376,38 0 376,38 overlap. Min Dis Hole-Cp 0.91 Weigh 0
Class 'H' tail on Tail cmt 51/2 Segment "A" "B" Hole Size 7 7/8 Class 'C' tail on #N/A 0 Segment "A" "B"	nt yld > 1.20 casin #/ft 17.00 w/8.4#/f 0.1733 nt yld > 1.35 #/ft w/8.4#/f	g inside the Grade g mud, 30min Sfc Csg Test The cement 1 Stage Cmt Sx 1510 Grade g mud, 30min Sfc Csg Test Cmt vol c	<pre>8 5/8 p 110 psig: 2,676 volume(s) are inter 1 Stage CuFt Cmt 2336 5 1/2 psig: calc below includes</pre>	Coupling btc nded to achieve a top of Min Cu Ft 1883 Coupling 0.00 0.00 0.00 ithis csg, TOC intendec	Body 2.64 11275 1 Stage % Excess 24 #N/A	Design Fax Collapse 1.13 ft from su Drilling Mud Wt 10.50 Design I Collapse	ctors Burst 1.6 Totals: rface or a Calc MASP Factors Burst	Length 22,140 0 22,140 200 Req'd BOPE Length 0 0 0 0 #N/A	2	a-B 2.69	a-C 1.89 Casing> a-C	376,38 0 376,38 overlap. Min Dis Hole-Cp 0.91 Weigh 0 0 0 overlap.
Class 'H' tail on Tail cmt 51/2 Segment "A" "B" Hole tass 'C' tail on #N/A 0 Segment "A" "B" Hole	tt yld > 1.20 casim #/ft 17.00 w/8.4#/{ 0.1733 tt yld > 1.35 #/ft w/8.4#/{ Annular	g inside the Grade g mud, 30min Sfc Csg Test The cement 1 Stage Cmt Sx 1510 Grade g mud, 30min Sfc Csg Test Cmt vol c 1 Stage	8 5/8 p 110 psig: 2,676 volume(s) are inter 1 Stage CuFt Cmt 2336 5 1/2 psig: alc below includes 1 Stage 1 Stage	Coupling btc nded to achieve a top of Min Cu Ft 1883 Coupling 0.00 0.00 0.00 this csg, TOC intended Min	Body 2.64 11275 1 Stage % Excess 24 #N/A 1 Stage	Design Fax Collapse 1.13 ft from su Drilling Mud Wt 10.50 Design I Collapse ft from su Drilling	Ctors Burst 1.6 Totals: rface or a Calc MASP Factors Burst Totals: rface or a Calc	Length 22,140 0 22,140 200 Req'd BOPE Length 0 0 0 #N/A Req'd	2	a-B 2.69	a-C 1.89 Casing> a-C	376,38 0 376,38 overlap. Min Dis Hole-Cp 0.91 Weigh 0 0 0 overlap. Min Dis
lass 'H' tail on Tail cmt 51/2 Segment "A" "B" Hole Size 7 7/8 lass 'C' tail on #N/A 0 Segment "A" "B"	nt yld > 1.20 casin #/ft 17.00 w/8.4#/f 0.1733 nt yld > 1.35 #/ft w/8.4#/f	g inside the Grade g mud, 30min Sfc Csg Test The cement 1 Stage Cmt Sx 1510 Grade g mud, 30min Sfc Csg Test Cmt vol c	<pre>8 5/8 p 110 psig: 2,676 volume(s) are inter 1 Stage CuFt Cmt 2336 5 1/2 psig: calc below includes</pre>	Coupling btc nded to achieve a top of Min Cu Ft 1883 Coupling 0.00 0.00 0.00 ithis csg, TOC intendec	Body 2.64 11275 1 Stage % Excess 24 #N/A	Design Fax Collapse 1.13 ft from su Drilling Mud Wt 10.50 Design I Collapse	ctors Burst 1.6 Totals: rface or a Calc MASP Factors Burst	Length 22,140 0 22,140 200 Req'd BOPE Length 0 0 0 0 #N/A	2	a-B 2.69	a-C 1.89 Casing> a-C	376,38 0 376,38 overlap. Min Dis Hole-Cp 0.91 Weigh 0 0 0

.

USS

UNCONTROLLED

U. S. Steel Tubular Products 10.750" 40.50lb/ft (0.350" Wall) H40

MECHANICAL PROPERTIES	Pipe	BTC	LTC	STC		
Minimum Yield Strength	40,000				psi	-
Maximum Yield Strength	80,000				psi	-
Minimum Tensile Strength	60,000				psi	-
DIMENSIONS	Pipe	BTC	LTC	STC		
Outside Diameter	10.750	0.000	0.000	11.750	in.	-
Wall Thickness	0.350				in.	-
Inside Diameter	10.050			10.050	in.	-
Standard Drift	9.894	9.894	9.894	9.894	in.	-
Alternate Drift					in.	-
Nominal Linear Weight, T&C	40.50				lb/ft	-
Plain End Weight	38.91				lb/ft	-
PERFORMANCE	Pipe	втс	LTC	STC		
Minimum Collapse Pressure	1,390	1,390	1,390	1,390	psi	-
Minimum Internal Yield Pressure	2,280	2,280	2,280	2,280	psi	-
Minimum Pipe Body Yield Strength	457				1,000 lbs	-
Joint Strength				314	1,000 lbs	-
Reference Length				5,164	ft	-
MAKE-UP DATA	Pipe	втс	LTC	STC		
Make-Up Loss				3.50	in.	-
Minimum Make-Up Torque				2,360	ft-lb	-
Minimum Make-op Torque				_,		

Notes

Legal Notice

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U. S. Steel Tubular Products 460 Wildwood Forest Drive, Suite 300S Spring, Texas 77380 1-877-893-9461 connections@uss.com www.usstubular.com

1. Geologic Formations

TVD of target	12165	Pilot hole depth	N/A
MD at TD:	22140	Deepest expected fresh water	

Basin

Dushi		TT 7 (/ b / f + 1	
	Depth	Water/Mineral	
Formation	(TVD)	Bearing/Target	Hazards*
	from KB	Zone?	
D + (1 -)		Lone.	
Rustler	1025		
Salt	1355		
Base of Salt	4385		
Delaware	4625		
Bone Spring 1st	9585		
Bone Spring 2nd	10175		
Bone Spring 3rd	11475		
Wolfcamp	11890		

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

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2. Casing Program (Primary Design)

		Wt			Casing	Interval	Casing	Interval
Hole Size	Csg. Size	(PPF)	Grade	Conn	From (MD)	To (MD)	From (TVD)	To (TVD)
12 1/4	10 3/4	40.5	H40	BTC	0	1050	0	1050
9 7/8	8 5/8	32.0	P110	TLW	0	11475	0	11475
7 7/8	5 1/2	17.0	P110	BTC	0	22140	0	12165

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

3. Cementing Program (Primary Design)

Casing	# Sks	тос	Wt. ppg	Yld (ft3/sack)	Slurry Description
Surface	230	Surf	13.2	1.44	Lead: Class C Cement + additives
Int 1	369	Surf	9	3.27	Lead: Class C Cement + additives
Int 1	465	4000' above	13.2	1.44	Tail: Class H / C + additives
Int 1	As Needed	Surf	13.2	1.44	Squeeze Lead: Class C Cement + additives
Intermediate	369	Surf	9	3.27	Lead: Class C Cement + additives
Squeeze	465	4000' above	13.2	1.44	Tail: Class H / C + additives
Production	117	9616	9.0	3.3	Lead: Class H /C + additives
roduction	1393	11616	13.2	1.4	Tail: Class H / C + additives

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

BOP installed and tested before drilling which hole?	Size?	Min. Required WP	Туре		~	Tested to:
			Anı	nular	X	50% of rated working pressure
Int 1	13-58"	5M		d Ram	Х	
	15 50	5101	1	e Ram		5M
			Doub	le Ram	Х	5101
			Other*			
			Annul	ar (5M)	Х	100% of rated working pressure
Production	13-5/8"	10M	Blind	d Ram	Х	
Troduction	15-5/0	10101	Pipe	e Ram		10M
			Doub	le Ram	Х	10101
			Other*			
			Annul	ar (5M)		
			Blind	d Ram		
			Pipe	e Ram		
			Doub	le Ram		
			Other*			
N A variance is requested for	the use of a	a diverter or	n the surface	casing. See a	attached for	schematic.
Y A variance is requested to a	run a 5 M a	nnular on a	10M system	l		

4. Pressure Control Equipment (Three String Design)

5. Mud Program (Three String Design)

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

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

What will be used to monitor the loss or gain of fluid?	PVT/Pason/Visual Monitoring

6. Logging and Testing Procedures

Logging, Coring and Testing			
	Will run GR/CNL from TD to surface (horizontal well - vertical portion of hole). Stated logs run will be in the		
Х	Completion Rpeort and sbumitted 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
Х	CBL	Production casing
Х	Mud log	Intermediate shoe to TD
	PEX	

7. Drilling Conditions

Condition	Specfiy what type and where?
BH pressure at deepest TVD	6642
Abnormal temperature	No

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

Hydrogren 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.

V U2S plan attached	
r H2S 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

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 nippled 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

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

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	70312
	Action Type:
	[C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created Condition Condition By Date None 1/4/2022 pkautz

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Action 70312