Received by UCD Sy23/2025 3:26:29 PM U.S. Department of the Interior BUREAU OF LAND MANAGEMENT		Sundry Print Reports 04/23/2025
Well Name: GATO GRANDE 9-4 FED COM	Well Location: T23S / R32E / SEC 9 / SESW / 32.3125433 / -103.6838636	County or Parish/State: LEA / NM
Well Number: 711H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM98192	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002551324	Operator: DEVON ENERGY PRODUCTION COMPANY LP	

Notice of Intent

Sundry ID: 2839794

Type of Submission: Notice of Intent

Date Sundry Submitted: 03/04/2025

Date proposed operation will begin: 03/04/2025

Type of Action: APD Change Time Sundry Submitted: 08:48

Procedure Description: Devon Energy Production Co., L.P. (Devon) respectfully requests to move the SHL/BHL, name change and the dedicated spacing for the subject well. SHL moved from well pad 1 to well pad 2 within the same quarter/quarter. Devon is also requesting a break test variance and offline cementing. Please see attached revised C102, Drill plan, directional plan. Permitted SHL: SESW 250 FSL, 1330 FWL, 9-23S-32E Proposed SHL: SESW, 206 FNL, 2372 FWL, 9-23S-32E Permitted BHL: LOT 4, 20 FNL, 330 FWL, 4-23S-32E Proposed BHL: LOT 3, 20 FNL, 2360 FWL, 4-23S-32E Permitted Well name: GATO GRANDE 9-4 FED COM 711H Proposed Well name: GATO GRANDE 9-4 FED COM 712H

NOI Attachments

Procedure Description

Updated_WA018132040_GATO_GRANDE_9_4_FED_COM_712H_R4___Signed_20250324122649.pdf

711H_WITH_UPDATED_NAME_CHANGE_WP_2_R3_20250304084758.pdf

711H__WP1_R2_SITE_MAP_20250304084757.pdf

Offline_Cementing___Variance_Request_20250304084256.pdf

Break_Test_Variance_Offline_BOP_2_3_2025_20250304084257.pdf

GATO_GRANDE_9_4_FED_COM_712H_Directional_Plan_02_21_25_20250304082919.pdf

GATO_GRANDE_9_4_FED_COM_712H_2_21_20250304082919.pdf

 Mercence Mame: CATO GRANDE 9-44 ED
 Well Location: T23S / R32E / SEC 9 / SESW / 32.3125433 / -103.6838636
 County or Parish/State: Lenge 2 of 34 NM

 Well Number: 711H
 Type of Well: OIL WELL
 Allottee or Tribe Name:

 Lease Number: NMNM98192
 Unit or CA Name:
 Unit or CA Number:

 US Well Number: 3002551324
 Operator: DEVON ENERGY PRODUCTION COMPANY LP
 Volume

Conditions of Approval

Additional

9_23_32_N_Sundry_ID_2839794_20250414152012.pdf

Gato_Grande_9_4_Fed_com_712H_Dr_COA_20250414152012.pdf

Operator

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

Operator Electronic Signature: LAUREN WATSON

Name: DEVON ENERGY PRODUCTION COMPANY LP

Title: Regulatory Compliance Professional

Street Address: 333 W. SHERIDAN AVE.

City: OKLAHOMA CITY State: OK

Phone: (405) 552-3379

Email address: LAUREN.WATSON@DVN.COM

Field

Representative Name: Street Address: City: Phone:

Email address:

State:

Zip:

BLM Point of Contact

BLM POC Name: CODY LAYTON BLM POC Phone: 5752345959 Disposition: Approved Signature: Chris Walls BLM POC Title: Assistant Field Manager Lands & Minerals

Signed on: MAR 24, 2025 12:28 PM

BLM POC Email Address: clayton@blm.gov

Disposition Date: 04/23/2025

Received by OCD: 4/23/2025 3:26:29 PM

<i>cccircu by</i> 0 cb. 4/2					1 uge 5 0j .	
Form 3160-5 (June 2019)		UNITED STATE ARTMENT OF THE I EAU OF LAND MAN	NTERIOR	Ol	DRM APPROVED MB No. 1004-0137 res: October 31, 2021	
Do not u	use this fo	OTICES AND REPO orm for proposals t Jse Form 3160-3 (A	6. If Indian, Allottee or Tribe Name			
S	SUBMIT IN T	RIPLICATE - Other instru	7. If Unit of CA/Agreement, N	ame and/or No.		
1. Type of Well Oil Well	Gas W	'ell Other		8. Well Name and No.		
2. Name of Operator				9. API Well No.		
3a. Address			3b. Phone No. (include area code)	10. Field and Pool or Explorate	bry Area	
4. Location of Well (Foota)	ge, Sec., T.,R.	.,M., or Survey Description)		11. Country or Parish, State		
	12. CHEC	CK THE APPROPRIATE B	OX(ES) TO INDICATE NATURE (OF NOTICE, REPORT OR OTH	ER DATA	
TYPE OF SUBMIS	SION		TYPI	E OF ACTION		
Notice of Intent		Acidize	Deepen Hydraulic Fracturing	Production (Start/Resume) Reclamation	Water Shut-Off Well Integrity	
Subsequent Report		Casing Repair	New Construction Plug and Abandon	Recomplete Temporarily Abandon	Other	
Final Abandonment	Notice	Convert to Injection	Plug Back	Water Disposal		
the proposal is to deep the Bond under which completion of the invo	en directional the work will lved operation donment Not	ly or recomplete horizontall be perfonned or provide the ns. If the operation results in	ly, give subsurface locations and me e Bond No. on file with BLM/BIA. a multiple completion or recomplet	asured and true vertical depths of Required subsequent reports mus- tion in a new interval, a Form 31	k and approximate duration thereof. If f all pertinent markers and zones. Attach t be filed within 30 days following 60-4 must be filed once testing has been he operator has detennined that the site	

14. I hereby certify that the foregoing is true and correct. Name (<i>Printed/Typed</i>)			
	Title		
Signatura	Data		
Signature	Date		
THE SPACE FOR FEDE	RAL OR STATE O	OFICE USE	
Approved by			
	Title	Date	
Conditions of approval, if any, are attached. Approval of this notice does not warrant certify that the applicant holds legal or equitable title to those rights in the subject lead which would entitle the applicant to conduct operations thereon.			
Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any any false, fictitious or fraudulent statements or representations as to any matter within		villfully to make to any department or agency of the United Sta	ates

(Instructions on page 2)

Page 4 of 34

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve hydraulic fracturing operations, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c)and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Additional Remarks

Proposed Well name: GATO GRANDE 9-4 FED COM 712H

Location of Well

0. SHL: SESW / 250 FSL / 1330 FWL / TWSP: 23S / RANGE: 32E / SECTION: 9 / LAT: 32.3125433 / LONG: -103.6838636 (TVD: 0 feet, MD: 0 feet) PPP: SWSW / 100 FSL / 330 FWL / TWSP: 23S / RANGE: 32E / SECTION: 9 / LAT: 32.31212 / LONG: -103.6870995 (TVD: 12097 feet, MD: 12216 feet) BHL: LOT 4 / 20 FNL / 330 FWL / TWSP: 23S / RANGE: 32E / SECTION: 4 / LAT: 32.3407713 / LONG: -103.6871195 (TVD: 12244 feet, MD: 22639 feet)

Devon Energy Production Company LP

10 3/4	su	rface csg in a	14 3/4	inch hole.		Design	Factors			Surface	2	
Segment	#/ft	Grade		Coupling	Body	Collapse	Burst	Length	B@s	a-B	a-C	Weight
"A"	45.50		j 55	btc	12.47	3.55	0.56	1,261	6	0.94	6.70	57,376
"B"			,	btc				0	Ŭ	0.01		0
_	w/8.4#	#/g mud, 30min Sfc Csg Test	nsig: 1 500	Tail Cmt	does not	circ to sfc.	Totals:	1,261				57,376
comparison o		Minimum Required Ceme					rotais.	1,201				01,010
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
14 3/4	0.5563	710	1022	702	46	9.00	3794	5M				1.50
		nent(s) A, B = , b All > 0			Site plat (pip	e racks S or El	as per 0.0.1	UI D 4 i pot				
	incrit(s) for segin											
8 5/8		ing inside the	10 3/4			<u>Design</u>			a	Int 1		
Segment	#/ft	Grade		Coupling	Joint	Collapse	Burst	Length	B@s	a-B	a-C	Weigh
"A"	32.00		p 110	vam sprint fj	1.99	0.63	1.07	11,657	1	1.79	1.05	373,024
"B"								0				0
	w/8.4#	#/g mud, 30min Sfc Csg Test	psig:				Totals:	11,657	-			373,02
	-			ded to achieve a top of	0	ft from su	irface or a	1261				overlap.
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
9 7/8	0.1261	886	1891	1480	28	10.50	3986	5M				0.61
O V Tool(s):	0.1201	000	6915	1400	20	10.50	sum of sx	<u>Σ CuFt</u>				Σ%exces
							SUIT OF SX	Z GUFL				
		040					1010	0000				102
by stage % :	t yld > 1.35	216	25				1649	2989				102
by stage % : Class 'C' tail cm			25			Decign Fo		2989		Dred 1		102
by stage % : class 'C' tail cm Tail cmt 5 1/2	cas	ing inside the				Design Fa	<u>ctors</u>			Prod 1		
by stage % : Class 'C' tail cm Tail cmt 5 1/2 Segment	cas #/ft		25 8 5/8	Coupling	Joint	Collapse	<u>ctors</u> Burst	Length	B@s	a-B	a-C	Weigh
by stage % : Class 'C' tail cm Tail cmt 5 1/2 Segment "A"	cas	ing inside the	25	Coupling dwc/c is+	Joint 2.98		<u>ctors</u>	Length 22,552	B@s 2			Weigh 451,04
by stage % : Class 'C' tail cm Tail cmt 5 1/2 Segment	cas: #/ft 20.00	ing inside the Grade	25 8 5/8 p 110			Collapse	<u>ctors</u> Burst 2.15	Length 22,552 0	-	a-B	a-C	Weigh 451,04 0
by stage % : Class 'C' tail cm Tail cmt 5 1/2 Segment "A"	cas: #/ft 20.00	ing inside the Grade #/g mud, 30min Sfc Csg Test	25 8 5/8 p 110 psig: 2,695	dwc/c is+	2.98	Collapse 1.81	ctors Burst 2.15 Totals:	Length 22,552 0 22,552	-	a-B	a-C	Weigh 451,04 0
by stage % : Class 'C' tail cm Tail cmt 5 1/2 Segment "A" "B"	cas: #/ft 20.00	ing inside the Grade #/g mud, 30min Sfc Csg Test	25 8 5/8 p 110 psig: 2,695	dwc/c is+	2.98 11457	Collapse 1.81 ft from su	ctors Burst 2.15 Totals: Irface or a	Length 22,552 0	-	a-B	a-C 3.03	Weigh 451,04 0 451,04 overlap.
by stage % : Class 'C' tail cm Tail cmt 5 1/2 Segment "A" "B" Hole	cas #/ft 20.00 w/8.4# Annular	ing inside the Grade #/g mud, 30min Sfc Csg Test The cement 1 Stage	25 8 5/8 p 110 psig: 2,695 volume(s) are inten 1 Stage	dwc/c is+ ded to achieve a top ol Min	2.98 11457 1 Stage	Collapse 1.81 ft from su Drilling	ctors Burst 2.15 Totals: Irface or a Calc	Length 22,552 0 22,552	-	a-B	a-C 3.03	Weigh 451,04 0 451,04 overlap. Min Dis
by stage % : Class 'C' tail cm Tail cmt 5 1/2 Segment "A" "B"	cas: #/ft 20.00 w/8.4#	ing inside the Grade #/g mud, 30min Sfc Csg Test The cement	25 8 5/8 p 110 psig: 2,695 volume(s) are inten	dwc/c is+	2.98 11457	Collapse 1.81 ft from su	ctors Burst 2.15 Totals: Irface or a	Length 22,552 0 22,552 200	-	a-B	a-C 3.03	Weigh 451,04 0 451,04 overlap. Min Dis Hole-Cpl
by stage % : class 'C' tail cm Tail cmt 51/2 Segment "A" "B" Hole	cas #/ft 20.00 w/8.4# Annular	ing inside the Grade #/g mud, 30min Sfc Csg Test The cement 1 Stage	25 8 5/8 p 110 psig: 2,695 volume(s) are inten 1 Stage	dwc/c is+ ded to achieve a top ol Min	2.98 11457 1 Stage	Collapse 1.81 ft from su Drilling	ctors Burst 2.15 Totals: Irface or a Calc	Length 22,552 0 22,552 200 Req'd	-	a-B	a-C 3.03	Weigh 451,04 0 451,04 overlap. Min Dis
by stage % : Class 'C' tail cm Tail cmt 5 1/2 Segment "A" "B" Hole Size 7 7/8	cas: #/ft 20.00 w/8.4# Annular Volume 0.1733	ing inside the Grade #/g mud, 30min Sfc Csg Test The cement v 1 Stage Cmt Sx	25 8 5/8 p 110 psig: 2,695 volume(s) are inten 1 Stage CuFt Cmt	dwc/c is+ ded to achieve a top of Min Cu Ft	2.98 11457 1 Stage % Excess	Collapse 1.81 ft from su Drilling Mud Wt	ctors Burst 2.15 Totals: Irface or a Calc	Length 22,552 0 22,552 200 Req'd	-	a-B	a-C 3.03	Weigh 451,04 0 451,04 overlap. Min Dis Hole-Cpl
by stage % : Class 'C' tail cm Tail cmt 51/2 Segment "A" "B" Hole Size 7 7/8 Class 'C' tail cm	cas: #/ft 20.00 w/8.4# Annular Volume 0.1733	ing inside the Grade #/g mud, 30min Sfc Csg Test The cement v 1 Stage Cmt Sx	25 8 5/8 p 110 psig: 2,695 volume(s) are inten 1 Stage CuFt Cmt 2387	dwc/c is+ ded to achieve a top of Min Cu Ft	2.98 11457 1 Stage % Excess	Collapse 1.81 ft from su Drilling Mud Wt 10.50	ctors Burst 2.15 Totals: Inface or a Calc MASP	Length 22,552 0 22,552 200 Req'd	2	a-B 3.60	a-C 3.03	Weigh 451,04 0 451,04 overlap. Min Dis Hole-Cpl
by stage % : Class 'C' tail cm 5 1/2 Segment "A" "B" Hole Size 7 7/8 Class 'C' tail cm #N/A 0	cas: #/ft 20.00 w/8.4 Annular Volume 0.1733 t yld > 1.35	ing inside the Grade #/g mud, 30min Sfc Csg Test The cement of 1 Stage Cmt Sx 1546	25 8 5/8 p 110 psig: 2,695 volume(s) are inten 1 Stage CuFt Cmt	dwc/c is+ Ided to achieve a top of Min Cu Ft 1923	2.98 11457 1 Stage % Excess 24	Collapse 1.81 ft from su Drilling Mud Wt 10.50 Design	ctors Burst 2.15 Totals: Inface or a Calc MASP Factors	Length 22,552 0 22,552 200 Req'd	2	a-B 3.60	a-C 3.03 sing>	Weigh 451,044 0 451,044 overlap. Min Dis Hole-Cpl 0.79
by stage % : Class 'C' tail cm 5 1/2 Segment "A" "B" Hole Size 7 7/8 Class 'C' tail cm #N/A 0 Segment	cas: #/ft 20.00 w/8.4# Annular Volume 0.1733	ing inside the Grade #/g mud, 30min Sfc Csg Test The cement v 1 Stage Cmt Sx	25 8 5/8 p 110 psig: 2,695 volume(s) are inten 1 Stage CuFt Cmt 2387	dwc/c is+	2.98 11457 1 Stage % Excess	Collapse 1.81 ft from su Drilling Mud Wt 10.50	ctors Burst 2.15 Totals: Inface or a Calc MASP	Length 22,552 0 22,552 200 Req'd	2	a-B 3.60	a-C 3.03	Weigh 451,04 0 451,04 overlap. Min Dis Hole-Cpl
by stage % : Class 'C' tail cm Tail cmt 51/2 Segment "A" "B" Hole Size 7 7/8 class 'C' tail cm #N/A 0 Segment "A"	cas: #/ft 20.00 w/8.4 Annular Volume 0.1733 t yld > 1.35	ing inside the Grade #/g mud, 30min Sfc Csg Test The cement of 1 Stage Cmt Sx 1546	25 8 5/8 p 110 psig: 2,695 volume(s) are inten 1 Stage CuFt Cmt 2387	dwc/c is+ Ided to achieve a top of Min Cu Ft 1923	2.98 11457 1 Stage % Excess 24	Collapse 1.81 ft from su Drilling Mud Wt 10.50 Design	ctors Burst 2.15 Totals: Inface or a Calc MASP Factors	Length 22,552 0 22,552 200 Req'd BOPE	2	a-B 3.60	a-C 3.03 sing>	Weigh 451,044 0 451,044 overlap. Min Dis Hole-Cpl 0.79
by stage % : Class 'C' tail cm 5 1/2 Segment "A" "B" Hole Size 7 7/8 Class 'C' tail cm #N/A 0 Segment	cas: #/ft 20.00 w/8.4 Annular Volume 0.1733 t yld > 1.35	ing inside the Grade #/g mud, 30min Sfc Csg Test The cement of 1 Stage Cmt Sx 1546	25 8 5/8 p 110 psig: 2,695 volume(s) are inten 1 Stage CuFt Cmt 2387	dwc/c is+	2.98 11457 1 Stage % Excess 24	Collapse 1.81 ft from su Drilling Mud Wt 10.50 Design	ctors Burst 2.15 Totals: Inface or a Calc MASP Factors	Length 22,552 0 22,552 200 Req'd BOPE	2	a-B 3.60	a-C 3.03 sing>	Weigh 451,044 0 451,044 overlap. Min Dis Hole-Cpi 0.79 Weigh
by stage % : Class 'C' tail cm Tail cmt 51/2 Segment "A" "B" Hole Size 7 7/8 class 'C' tail cm #N/A 0 Segment "A"	cas #/ft 20.00 w/8.4t Annular Volume 0.1733 t yld > 1.35 #/ft	ing inside the Grade #/g mud, 30min Sfc Csg Test The cement of 1 Stage Cmt Sx 1546	25 8 5/8 p 110 psig: 2,695 volume(s) are inten 1 Stage CuFt Cmt 2387 5 1/2	dwc/c is+	2.98 11457 1 Stage % Excess 24	Collapse 1.81 ft from su Drilling Mud Wt 10.50 Design	ctors Burst 2.15 Totals: Inface or a Calc MASP Factors	Length 22,552 0 22,552 200 Req'd BOPE	2	a-B 3.60	a-C 3.03 sing>	Weigh 451,04 0 451,04 overlap. Min Dis Hole-Cp 0.79 0.79
by stage % : Class 'C' tail cm Tail cmt 51/2 Segment "A" "B" Hole Size 7 7/8 class 'C' tail cm #N/A 0 Segment "A"	cas #/ft 20.00 w/8.4t Annular Volume 0.1733 t yld > 1.35 #/ft	ing inside the Grade #/g mud, 30min Sfc Csg Test The cement to 1 Stage Cmt Sx 1546 Grade	25 8 5/8 p 110 psig: 2,695 volume(s) are inten 1 Stage CuFt Cmt 2387 5 1/2	dwc/c is+ ded to achieve a top of Min Cu Ft 1923 Coupling 0.00 0.00	2.98 11457 1 Stage % Excess 24	Collapse 1.81 ft from su Drilling Mud Wt 10.50 Design	ctors Burst 2.15 Totals: Inface or a Calc MASP Factors Burst	Length 22,552 0 22,552 200 Req'd BOPE	2	a-B 3.60	a-C 3.03 sing> a-C	Weigh 451,04 0 451,04 overlap. Min Dis Hole-Cp 0.79 0.79
by stage % : Class 'C' tail cm 5 1/2 Segment "A" "B" Hole Size 7 7/8 Class 'C' tail cm #N/A 0 Segment "A" "B"	cas: #/ft 20.00 w/8.4 Annular Volume 0.1733 t yld > 1.35 #/ft w/8.4	ing inside the Grade #/g mud, 30min Sfc Csg Test The cement of 1 Stage Cmt Sx 1546 Grade #/g mud, 30min Sfc Csg Test Cmt vol cs	25 8 5/8 p 110 psig: 2,695 volume(s) are inten 1 Stage CuFt Cmt 2387 5 1/2 psig: alc below includes	dwc/c is+	2.98 11457 1 Stage % Excess 24 #N/A #N/A	Collapse 1.81 ft from su Drilling Mud Wt 10.50 <u>Design I</u> Collapse ft from su	ctors Burst 2.15 Totals: Inface or a Calc MASP Factors Burst	Length 22,552 0 22,552 200 Req'd BOPE Length 0 0 0 %	2	a-B 3.60	a-C 3.03 sing> a-C	Weigh 451,04 0 451,04 overlap. Min Dis Hole-Cp 0.79 Weigh 0 0 0 0 0 0
by stage % : Class 'C' tail cm 5 1/2 Segment "A" "B" Hole Size 7 7/8 Class 'C' tail cm #N/A 0 Segment "A" "B" Hole	cas: #/ft 20.00 w/8.4 Annular Volume 0.1733 t yld > 1.35 #/ft w/8.4 Annular	ing inside the Grade #/g mud, 30min Sfc Csg Test The cement of 1 Stage Cmt Sx 1546 Grade #/g mud, 30min Sfc Csg Test Cmt vol cs 1 Stage	25 8 5/8 p 110 psig: 2,695 volume(s) are inten 1 Stage CuFt Cmt 2387 5 1/2 psig: alc below includes 1 Stage	dwc/c is+	2.98 11457 1 Stage % Excess 24 #N/A 1 Stage	Collapse 1.81 ft from su Drilling Mud Wt 10.50 <u>Design</u> Collapse ft from su Drilling	ctors Burst 2.15 Totals: Inface or a Calc MASP Factors Burst Totals: Inface or a Calc	Length 22,552 0 22,552 200 Req'd BOPE Length 0 0 0 #N/A Req'd	2	a-B 3.60	a-C 3.03 sing> a-C	Weigh 451,04 0 451,04 overlap. Min Dis Hole-Cp 0.79 Weigh 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
by stage % : Class 'C' tail cm Tail cmt 5 1/2 Segment "A" "B" Hole Size 7 7/8 Class 'C' tail cm #N/A 0 Segment "A" "B" Hole Size Size	cas: #/ft 20.00 w/8.4 Annular Volume 0.1733 t yld > 1.35 #/ft w/8.4	ing inside the Grade #/g mud, 30min Sfc Csg Test The cement to 1 Stage Cmt Sx 1546 Grade #/g mud, 30min Sfc Csg Test Cmt vol ca 1 Stage Cmt Sx	25 8 5/8 p 110 psig: 2,695 volume(s) are inten 1 Stage CuFt Cmt 2387 5 1/2 psig: alc below includes 1 Stage CuFt Cmt	dwc/c is+	2.98 11457 1 Stage % Excess 24 #N/A 1 Stage % Excess	Collapse 1.81 ft from su Drilling Mud Wt 10.50 <u>Design I</u> Collapse ft from su	ctors Burst 2.15 Totals: Inface or a Calc MASP Factors Burst	Length 22,552 0 22,552 200 Req'd BOPE Length 0 0 0 %	2	a-B 3.60	a-C 3.03 sing> a-C	Weigh 451,04 0 451,04 0 451,04 0 0 0 0 0 0 0
by stage % : Class 'C' tail cm Tail cmt 5 1/2 Segment "A" "B" Hole Size 7 7/8 Class 'C' tail cm #N/A 0 Segment "A" "B" Hole	cas: #/ft 20.00 w/8.4 Annular Volume 0.1733 t yld > 1.35 #/ft w/8.4 Annular	ing inside the Grade #/g mud, 30min Sfc Csg Test The cement of 1 Stage Cmt Sx 1546 Grade #/g mud, 30min Sfc Csg Test Cmt vol cs 1 Stage	25 8 5/8 p 110 psig: 2,695 volume(s) are inten 1 Stage CuFt Cmt 2387 5 1/2 psig: alc below includes 1 Stage	dwc/c is+	2.98 11457 1 Stage % Excess 24 #N/A 1 Stage	Collapse 1.81 ft from su Drilling Mud Wt 10.50 <u>Design</u> Collapse ft from su Drilling	ctors Burst 2.15 Totals: Inface or a Calc MASP Factors Burst Totals: Inface or a Calc	Length 22,552 0 22,552 200 Req'd BOPE Length 0 0 0 #N/A Req'd	2	a-B 3.60	a-C 3.03 sing> a-C	Weigh 451,04 0 451,04 overlap. Min Dis Hole-Cp 0.79 Weigh 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

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PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

OPERATOR'S NAME:	Devon Energy Production Company LP				
LOCATION:	Section 9, T.23 S., R.32 E., NMPM				
COUNTY:	Lea County, New Mexico				

WELL NAME & NO.:	Gato Grande 9-4 Fed Com 712H
ATS/API ID:	3002551324
APD ID:	10400064573
Sundry ID:	2839794

COA

H2S	Yes 🔻		
Potash	None	None	
Cave/Karst Potential	Low		
Cave/Karst Potential			
Variance	🖸 None	🖸 Flex Hose	C Other
Wellhead	Conventional and Multibowl	•	
Other	4 String 5 String	Capitan Reef	WIPP
		None 🔻	
Other	Pilot Hole	Open Annulus	
	None 🔻		
Cementing	Contingency Squeeze	Echo-Meter	Primary Cement
	None 🔻	Int 1	Squeeze
			None 🔫
Special	UWater Disposal/Injection	COM	Unit Unit
Requirements			
Special	□ Batch Sundry	Waste Prevention	
Requirements		None 🔽	
Special Requirements Variance	 BOPE Break Testing Offline BOPE Testing 	Offline Cementing	Casing Clearance

A. HYDROGEN SULFIDE

A Hydrogen Sulfide (H2S) Drilling Plan shall be activated 500 feet prior to drilling into the **Delaware** formation. As a result, the Hydrogen Sulfide area must meet **43 CFR part 3170 Subpart 3176** requirements, which includes equipment and personnel/public protection items. If Hydrogen Sulfide is encountered, please provide measured values and formations to the BLM.

B. CASING

- The 10-3/4 inch surface casing shall be set at approximately 1261 feet (a minimum of 25 feet (Lea County) into the Rustler Anhydrite and above the salt when present, and below usable fresh water) and cemented to the surface. The surface hole shall be 14 3/4 inch in diameter.
 - a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.
 - b. Wait on cement (WOC) time for a primary cement job will be a minimum of <u>8</u> <u>hours</u> or 500 pounds compressive strength, whichever is greater. (This is to include the lead cement)
 - c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.
 - d. If cement falls back, remedial cementing will be done prior to drilling out that string.

Intermediate casing must be kept fluid filled to meet BLM minimum collapse requirement.

2. The minimum required fill of cement behind the 8-5/8 inch intermediate casing is:

Option 1 (Single Stage):

• Cement to surface. If cement does not circulate see B.1.a, c-d above.

Option 2:

Operator has proposed to cement in two stages by conventionally cementing the first stage and performing a bradenhead squeeze on the second stage, contingent upon no returns to surface.

- a. First stage: Operator will cement with intent to reach the top of the **Brushy** Canyon at 6915'.
- b. Second stage:
 - Operator will perform bradenhead squeeze and top-out. Cement to surface. If cement does not reach surface, the appropriate BLM office shall be notified. (Squeeze 763 sxs Class C)

Operator has proposed to pump down **10-3/4**" X **8-5/8**" annulus after primary cementing stage. <u>Operator must run Echo-meter to verify Cement Slurry/Fluid top in the annulus Or operator shall run a CBL from TD of the **8-5/8**" casing to surface after the second stage <u>BH to verify TOC.</u></u>

Submit results to the BLM. No displacement fluid/wash out shall be utilized at the top of the cement slurry between second stage BH and top out. Operator must run one CBL per Well Pad. Operator may conduct a negative and positive pressure test during completion to remediate sustained casing pressure.

If cement does not reach surface, the next casing string must come to surface.

Operator must use a limited flush fluid volume of 1 bbl following backside cementing procedures.

- 3. The minimum required fill of cement behind the 5-1/2 inch production casing is:
 - Cement should tie-back at least 200 feet into previous casing string. Operator shall provide method of verification. Cement excess is less than 25%, more cement is required if washout occurs. Adjust cement volume and excess based on a fluid caliper or similar method that reflects the as-drilled size of the wellbore.

C. PRESSURE CONTROL

- 1. Variance approved to use flex line from BOP to choke manifold. Manufacturer's specification to be readily available. No external damage to flex line. Flex line to be installed as straight as possible (no hard bends).'
- 2.

Option 1:

a. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **5000 (5M)** psi. Annular which shall be tested to **5000 (5M)** psi.

b. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the 8-5/8 inch intermediate casing shoe shall be 10,000 (10M) psi. Variance is approved to use a 5000 (5M) Annular which shall be tested to 5000 (5M) psi.

Option 2:

Operator has proposed a multi-bowl wellhead assembly. This assembly will only be tested when installed on the **10-3/4** inch surface casing. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **10,000** (**10M**) psi. Variance is approved to use a **5000** (**5M**) Annular which shall be tested to **5000** (**5M**) psi.

- a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
- b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
- c. Manufacturer representative shall install the test plug for the initial BOP test.
- d. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.
- e. Whenever any seal subject to test pressure is broken, all the tests in 43 CFR 3172.6(b)(9) must be followed.

D. SPECIAL REQUIREMENT (S)

Communitization Agreement

- The operator will submit a Communitization Agreement to the Santa Fe Office, 301 Dinosaur Trail Santa Fe, New Mexico 87508, at least 90 days before the anticipated date of first production from a well subject to a spacing order issued by the New Mexico Oil Conservation Division. The Communitization Agreement will include the signatures of all working interest owners in all Federal and Indian leases subject to the Communitization Agreement (i.e., operating rights owners and lessees of record), or certification that the operator has obtained the written signatures of all such owners and will make those signatures available to the BLM immediately upon request.
- The operator will submit an as-drilled survey well plat of the well completion, but are not limited to, those specified in 43 CFR part 3170 Subpart 3171
- If the operator does not comply with this condition of approval, the BLM may take enforcement actions that include, but are not limited to, those specified in 43 CFR 3163.1.
- In addition, the well sign shall include the surface and bottom hole lease numbers. <u>When the Communitization Agreement number is known, it shall also be on the sign.</u>

BOPE Break Testing Variance (Approved)

- BOPE Break Testing is ONLY permitted for 5M BOPE or less. (Annular preventer must be tested to a minimum of 70% of BOPE working pressure and shall be higher than the MASP)
- BOPE Break Testing is NOT permitted to drilling the production hole section.
- Variance only pertains to the intermediate hole-sections and no deeper than the Bone Springs formation.
- While in transfer between wells, the BOPE shall be secured by the hydraulic carrier or cradle.
- Any well control event while drilling require notification to the BLM Petroleum Engineer (575-706-2779) prior to the commencement of any BOPE Break Testing operations.
- A full BOPE test is required prior to drilling the first deep intermediate hole section. If any subsequent hole interval is deeper than the first, a full BOPE test will be required. (200' TVD tolerance between intermediate shoes is allowable).
- The BLM is to be contacted (575-689-5981 Lea County) 4 hours prior to BOPE tests.
- As a minimum, a full BOPE test shall be performed at **21**-day intervals.
- In the event any repairs or replacement of the BOPE is required, the BOPE shall test as per 43 CFR part 3170 Subpart 3172.
- If in the event break testing is not utilized, then a full BOPE test would be conducted.
- The BOPE testing shall be conducted while the rig is stationary.

Offline BOPE Testing

Operator has been (Approved) to test the BOPE offline.

The BOPE offline testing shall be stationary during pressure testing.

Online BOPE testing should commence within 72 hours of offline BOPE testing completion. Notify the BLM if interval exceeds 72 hours.

Notify the BLM 4hrs prior to offline BOPE testing at Lea County: 575-689-5981.

Offline Cementing

Operator has been (**Approved**) to pump the proposed cement program offline in the **Intermediate(s) interval**.

Offline cementing should commence within 24 hours of landing the casing for the interval.

Notify the BLM 4hrs prior to cementing offline at Lea County: 575-689-5981.

GENERAL REQUIREMENTS

The BLM is to be notified in advance for a representative to witness:

- a. Spudding well (minimum of 24 hours)
- b. Setting and/or Cementing of all casing strings (minimum of 4 hours)
- c. BOPE tests (minimum of 4 hours)

 Lea County Call the Hobbs Field Station, 414 West Taylor, Hobbs NM 88240, (575) 689-5981

- 1. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.
 - a. In the event the operator has proposed to drill multiple wells utilizing a skid/walking rig. Operator shall secure the wellbore on the current well, after installing and testing the wellhead, by installing a blind flange of like pressure rating to the wellhead and a pressure gauge that can be monitored while drilling is performed on the other well(s).
 - b. When the operator proposes to set surface casing with Spudder Rig
 - Notify the BLM when moving in and removing the Spudder Rig.
 - Notify the BLM when moving in the 2nd Rig. Rig to be moved in within 90 days of notification that Spudder Rig has left the location.
 - BOP/BOPE test to be conducted per **43** CFR part **3170** Subpart **3172** as soon as 2nd Rig is rigged up on well.
- 2. Floor controls are required for 3M or Greater systems. These controls will be on the rig floor, unobstructed, readily accessible to the driller and will be operational at all times during drilling and/or completion activities. Rig floor is defined as the area immediately around the rotary table; the area immediately above the substructure on which the draw works are located, this does not include the dog house or stairway area.

A. CASING

1. Changes to the approved APD casing program need prior approval if the items substituted are of lesser grade or different casing size or are Non-API. The Operator can exchange the components of the proposal with that of superior strength (i.e. changing from J-55 to N-80, or from 36# to 40#). Changes to the approved cement program need prior approval if the altered cement plan has less volume or strength or if the changes are substantial (i.e. Multistage tool, ECP, etc.). The initial wellhead installed on the well will remain on the well with spools used as needed.

- 2. Wait on cement (WOC) for Potash Areas: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi for all cement blends of both lead and tail cement, 2) until cement has been in place at least <u>8 hours</u>. WOC time will be recorded in the driller's log. The casing integrity test can be done (prior to the cement setting up) immediately after bumping the plug.
- 3. <u>Wait on cement (WOC) for Water Basin:</u> After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi at the shoe, 2) until cement has been in place at least <u>8 hours</u>. WOC time will be recorded in the driller's log. See individual casing strings for details regarding lead cement slurry requirements. The casing integrity test can be done (prior to the cement setting up) immediately after bumping the plug.
- 4. Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing each casing string. Have well specific cement details onsite prior to pumping the cement for each casing string.
- 5. No pea gravel permitted for remedial or fall back remedial without prior authorization from the BLM engineer.
- 6. On that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.
- 7. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.
- 8. Whenever a casing string is cemented in the R-111-P potash area, the NMOCD requirements shall be followed.
- B. PRESSURE CONTROL
- All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in 43 CFR part 3170 Subpart 3172 and API STD 53 Sec. 5.3.
- 2. If a variance is approved for a flexible hose to be installed from the BOP to the choke manifold, the following requirements apply: The flex line must meet the requirements of API 16C. Check condition of flexible line from BOP to choke

manifold, replace if exterior is damaged or if line fails test. Line to be as straight as possible with no hard bends and is to be anchored according to Manufacturer's requirements. The flexible hose can be exchanged with a hose of equal size and equal or greater pressure rating. Anchor requirements, specification sheet and hydrostatic pressure test certification matching the hose in service, to be onsite for review. These documents shall be posted in the company man's trailer and on the rig floor.

- 3. 5M or higher system requires an HCR valve, remote kill line and annular to match. The remote kill line is to be installed prior to testing the system and tested to stack pressure.
- 4. If the operator has proposed a multi-bowl wellhead assembly in the APD. The following requirements must be met:
 - a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
 - b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
 - c. Manufacturer representative shall install the test plug for the initial BOP test.
 - d. Whenever any seal subject to test pressure is broken, all the tests in 43 CFR 3172.6(b)(9) must be followed.
 - e. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.
- 5. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.
 - a. In a water basin, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. The casing cut-off and BOP installation can be initiated four hours after installing the slips, which will be approximately six hours after bumping the plug. For those casing strings not using slips, the minimum wait time before cut-off is eight hours after bumping the plug. BOP/BOPE testing can begin after cut-off or once cement reaches 500 psi compressive strength (including lead cement), whichever is greater. However, if the float does not hold, cut-off cannot be initiated until cement reaches 500 psi compressive strength (including lead when specified).
 - b. In potash areas, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. For all casing strings, casing cut-off and BOP installation can be initiated at twelve hours after bumping the cement plug. The BOPE test can be

initiated after bumping the cement plug with the casing valve open. (only applies to single stage cement jobs, prior to the cement setting up.)

- c. The tests shall be done by an independent service company utilizing a test plug not a cup or J-packer and can be initiated immediately with the casing valve open. The operator also has the option of utilizing an independent tester to test without a plug (i.e. against the casing) pursuant to 43 CFR part 3170
 Subpart 3172 with the pressure not to exceed 70% of the burst rating for the casing. Any test against the casing must meet the WOC time for 8 hours or 500 pounds compressive strength, whichever is greater, prior to initiating the test (see casing segment as lead cement may be critical item).
- d. The test shall be run on a 5000 psi chart for a 2-3M BOP/BOP, on a 10000 psi chart for a 5M BOP/BOPE and on a 15000 psi chart for a 10M BOP/BOPE. If a linear chart is used, it shall be a one hour chart. A circular chart shall have a maximum 2 hour clock. If a twelve hour or twenty-four hour chart is used, tester shall make a notation that it is run with a two hour clock.
- e. The results of the test shall be reported to the appropriate BLM office.
- f. All tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.
- g. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug. This test shall be performed prior to the test at full stack pressure.
- h. BOP/BOPE must be tested by an independent service company within 500 feet of the top of the Wolfcamp formation if the time between the setting of the intermediate casing and reaching this depth exceeds 20 days. This test does not exclude the test prior to drilling out the casing shoe as per 43 CFR part 3170 Subpart 3172.

C. DRILLING MUD

Mud system monitoring equipment, with derrick floor indicators and visual and audio alarms, shall be operating before drilling into the Wolfcamp formation, and shall be used until production casing is run and cemented.

D. WASTE MATERIAL AND FLUIDS

All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of drilling operations and completion operations shall be safely contained and

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disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area.

Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.

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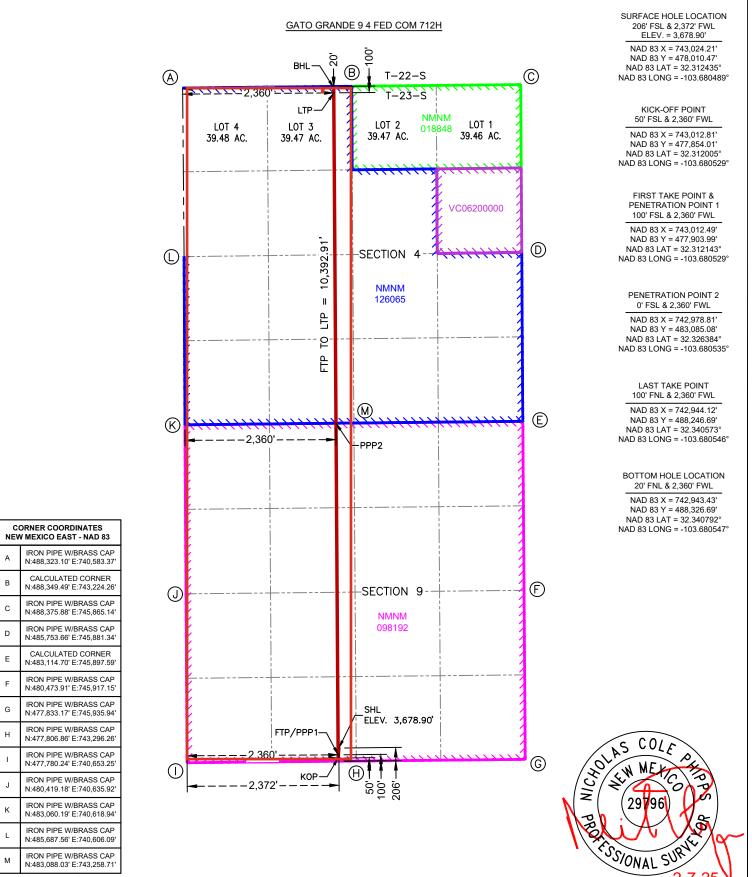
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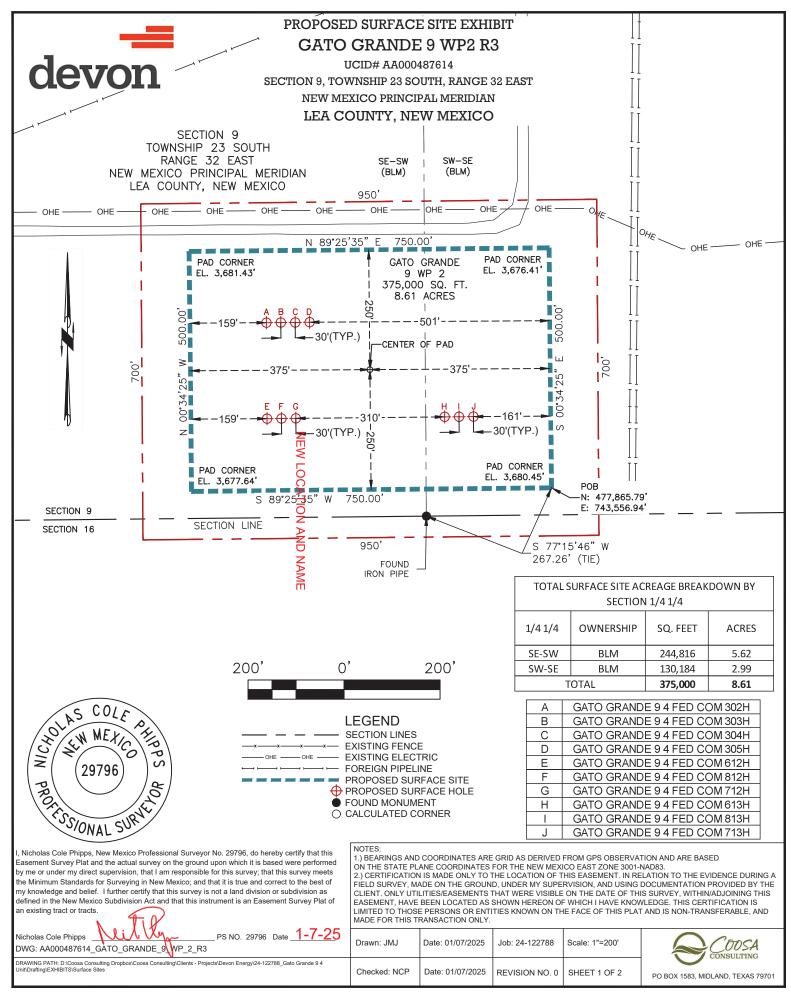
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division. <u>Released to Imaging: 5/14/2025 3:31:30 PM</u>

Received by OCD: 4/23/2025 3:26:29 PM ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

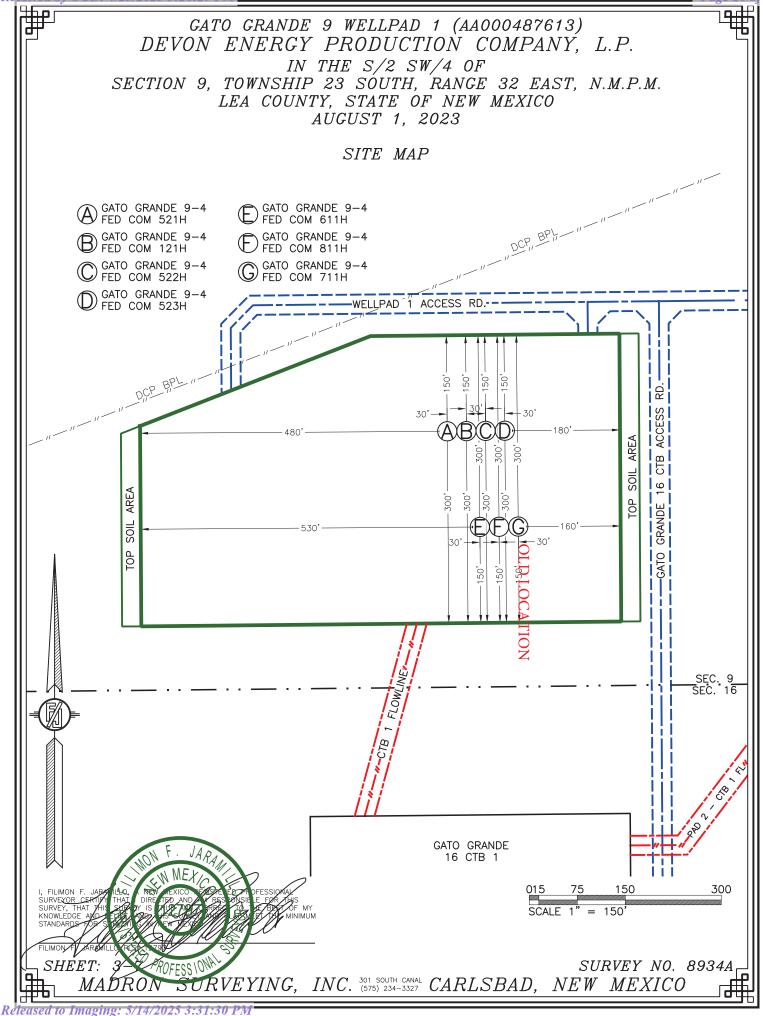




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Offline Cementing

Variance Request

Devon Energy requests to offline cement on intermediate strings that are set in formations shallower than the Wolfcamp. Prior to commencing offline cementing operations, the well will be monitored for any abnormal pressures and confirmed to be static. A dual manifold system (equipped with chokes) for the returns will also be utilized as a redundancy. All equipment used for offline cementing will have a minimum 5M rating to match intermediate sections' 5M BOPE requirements.

Section 2 - Blowout Preventer Testing Procedure

Variance Request

Devon Energy requests to only test BOP connection breaks after drilling out of surface casing and while skidding between wells which conforms to API Standard 53 and industry standards. The initial BOP test will follow 43 CFR 3172, and subsequent tests following a skid will only test connections that are broken. This test will at minimum include the Top Pipe Ram, HCR, Kill Line Check Valve, QDC (quick disconnect to wellhead) and BOP shell of the 10M BOPE to 5M for 10 minutes. Additional pressure testing is required for pressure-containing and pressure-controlling connections when the integrity of a pressure seal is broken. If a break to the flex hose that runs to the choke manifold is required due to repositioning from a skid, the HCR will remain open during the shell test to include that additional break. The variance only pertains to intermediate hole-sections. This variance will meet or exceed 43 CFR 3172 per the following: Devon Energy will perform a full BOP test per 43 CFR 3172 before drilling out of the intermediate casing string(s) and starting the production hole, testing the Annular during initial BOP testing to a minimum of 70% RWP and higher than MASP, and pressure testing at a 21-day interval frequency. The BLM will be contacted 4hrs prior to a BOPE test. The BLM will be notified if and when a well control event is encountered. In the event break testing is not utilized, then a full BOPE test would be conducted.

Devon Energy requests to perform offline BOP stump testing and offline BOPE testing. All pressurecontaining and pressure-controlling seals will be tested either online or offline as denoted in the table below and per BLM approval during initial BOP test following test pressure requirements set forth in 43 CFR 3172. Remaining components not tested offline or on the stump will be tested within 72-hours when the BOP is connected to the wellhead. If stump testing exceeds 72-hour window prior to connecting to the wellhead, the BLM will be notified and either stump testing restarted, or the BOP being tested online. The BLM will be contacted 4hrs prior to a BOPE test. The BLM will be notified if and when a well control event is encountered. In the event stump testing is not utilized, then a full BOPE test would be conducted.

Components	Offline	Offline, BOPE	Break	Online
Upper Rams		Х	Х	Х
Blind Rams		X		Х
Lower Rams				Х
Outside Kill Valve		Х	Х	Х
Inside Kill Valve		Х	Х	Х
Kill Line Check Valve		Х	Х	Х
Inside Choke Valve		Х	Х	X
HCR		Х	Х	Х
Kill Line	х			Х
Annular		Х		Х
Choke Manifold Valves and Hose	Х			X
Mudline (Mud Pumps, Rig Floor Valves, Kelly Hose, Mud Line)	Х			X
Standpipe Valve	Х			Х
IBOP (Upper and Lower)	Х			X

Devon requests offline BOPE testing for the following components: Upper Rams, Blind Rams, Kill Valves, Choke Valves, and Annular Remaining well control equipment components will either be tested offline or online, per BLM approval

- Remaining BOPE will be tested online within 72-hours form completing the offline BOPE component testing
- Notify the BLM if the online BOPE testing exceeds 72-hours

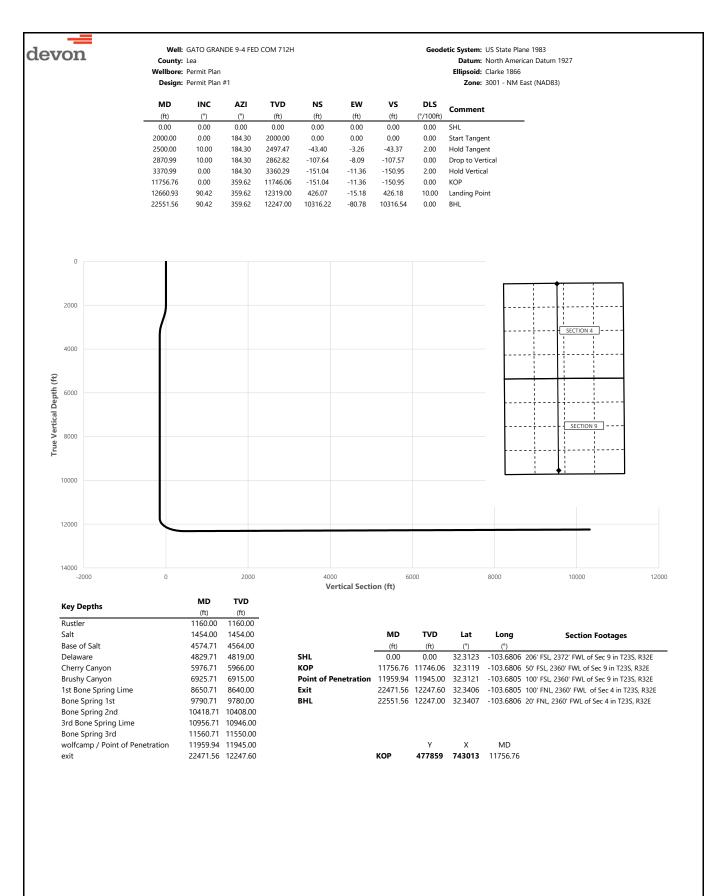
All Full Tests not completed "Offline" or "Offline, BOPE" are required to be complete Online

Devon requests Break testing as stated above for 5K tests, not including production hole

Annular Preventer will be tested to minimum of 70% RWP and higher than MASP during initial BOP test

Pressure testing is required for pressure-containing connections if the integrity of a pressure seal is broken during a break test Full Tests required when entering production hole





levon		County: Wellbore:	Lea Permit Plan		COM 712H				Geodetic System: US State Plane 1983 Datum: North American Datum 1927 Ellipsoid: Clarke 1866
		Design:	Permit Plan	#1					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
	100.00	0.00	184.30	100.00	0.00	0.00	0.00	0.00	
	200.00	0.00	184.30	200.00	0.00	0.00	0.00	0.00	
	300.00	0.00	184.30	300.00	0.00	0.00	0.00	0.00	
	400.00 500.00	0.00 0.00	184.30 184.30	400.00 500.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	
	600.00	0.00	184.30	600.00	0.00	0.00	0.00	0.00	
	700.00	0.00	184.30	700.00	0.00	0.00	0.00	0.00	
	800.00	0.00	184.30	800.00	0.00	0.00	0.00	0.00	
	900.00	0.00	184.30	900.00	0.00	0.00	0.00	0.00	
	1000.00 1100.00	0.00 0.00	184.30 184.30	1000.00 1100.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	
	1160.00	0.00	184.30	1160.00	0.00	0.00	0.00	0.00	Rustler
	1200.00	0.00	184.30	1200.00	0.00	0.00	0.00	0.00	
	1300.00	0.00	184.30	1300.00	0.00	0.00	0.00	0.00	
	1400.00	0.00	184.30	1400.00	0.00	0.00	0.00	0.00	
	1454.00	0.00	184.30	1454.00	0.00	0.00	0.00	0.00	Salt
	1500.00 1600.00	0.00 0.00	184.30 184.30	1500.00 1600.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	
	1700.00	0.00	184.30	1700.00	0.00	0.00	0.00	0.00	
	1800.00	0.00	184.30	1800.00	0.00	0.00	0.00	0.00	
	1900.00	0.00	184.30	1900.00	0.00	0.00	0.00	0.00	
	2000.00	0.00	184.30	2000.00	0.00	0.00	0.00	0.00	Start Tangent
	2100.00 2200.00	2.00 4.00	184.30 184.30	2099.98 2199.84	-1.74 -6.96	-0.13 -0.52	-1.74 -6.95	2.00 2.00	
	2300.00	6.00	184.30	2299.45	-0.90	-1.18	-15.64	2.00	
	2400.00	8.00	184.30	2398.70	-27.80	-2.09	-27.78	2.00	
	2500.00	10.00	184.30	2497.47	-43.40	-3.26	-43.37	2.00	Hold Tangent
	2600.00	10.00	184.30	2595.95	-60.72	-4.57	-60.68	0.00	
	2700.00 2800.00	10.00 10.00	184.30 184.30	2694.43 2792.91	-78.03 -95.35	-5.87 -7.17	-77.98 -95.29	0.00 0.00	
	2800.00	10.00	184.30	2862.82	-95.55	-8.09	-95.29	0.00	Drop to Vertical
	2900.00	9.42	184.30	2891.41	-112.52	-8.46	-112.45	2.00	
	3000.00	7.42	184.30	2990.33	-127.12	-9.56	-127.04	2.00	
	3100.00	5.42	184.30	3089.70	-138.27	-10.40	-138.18	2.00	
	3200.00	3.42	184.30	3189.40	-145.95	-10.97	-145.86	2.00	
	3300.00 3370.99	1.42 0.00	184.30 184.30	3289.30 3360.29	-150.16 -151.04	-11.29 -11.36	-150.07 -150.95	2.00 2.00	Hold Vertical
	3400.00	0.00	359.62	3389.29	-151.04	-11.36	-150.95	0.00	
	3500.00	0.00	359.62	3489.29	-151.04	-11.36	-150.95	0.00	
	3600.00	0.00	359.62	3589.29	-151.04	-11.36	-150.95	0.00	
	3700.00	0.00	359.62	3689.29	-151.04	-11.36	-150.95	0.00	
	3800.00	0.00	359.62	3789.29	-151.04	-11.36	-150.95	0.00	
	3900.00 4000.00	0.00 0.00	359.62 359.62	3889.29 3989.29	-151.04 -151.04	-11.36 -11.36	-150.95 -150.95	0.00 0.00	
	4100.00	0.00	359.62	4089.29	-151.04	-11.36	-150.95	0.00	
	4200.00	0.00	359.62	4189.29	-151.04	-11.36	-150.95	0.00	
	4300.00	0.00	359.62	4289.29	-151.04	-11.36	-150.95	0.00	
	4400.00	0.00	359.62	4389.29	-151.04	-11.36	-150.95	0.00	
	4500.00 4574.71	0.00 0.00	359.62 359.62	4489.29 4564.00	-151.04 -151.04	-11.36 -11.36	-150.95 -150.95	0.00 0.00	Base of Salt
	4600.00	0.00	359.62	4589.29	-151.04	-11.36	-150.95	0.00	
	4700.00	0.00	359.62	4689.29	-151.04	-11.36	-150.95	0.00	
	4800.00	0.00	359.62	4789.29	-151.04	-11.36	-150.95	0.00	
	4829.71	0.00	359.62	4819.00	-151.04	-11.36	-150.95	0.00	Delaware
	4900.00 5000.00	0.00 0.00	359.62 359.62	4889.29 4989.29	-151.04 -151.04	-11.36 -11.36	-150.95	0.00 0.00	
	5000.00 5100.00	0.00	359.62 359.62	4989.29 5089.29	-151.04 -151.04	-11.36 -11.36	-150.95 -150.95	0.00	
	5200.00	0.00	359.62	5189.29	-151.04	-11.36	-150.95	0.00	
	5300.00	0.00	359.62	5289.29	-151.04	-11.36	-150.95	0.00	
	5400.00	0.00	359.62	5389.29	-151.04	-11.36	-150.95	0.00	
	5500.00	0.00	359.62	5489.29	-151.04	-11.36	-150.95	0.00	
	5600.00 5700.00	0.00	359.62	5589.29 5689.29	-151.04 -151.04	-11.36 -11.36	-150.95 -150.95	0.00	
	5700.00 5800.00	0.00 0.00	359.62 359.62	5689.29 5789.29	-151.04 -151.04	-11.36 -11.36	-150.95 -150.95	0.00 0.00	
	5900.00	0.00	359.62	5889.29	-151.04	-11.36	-150.95	0.00	
	5976.71	0.00	359.62	5966.00	-151.04	-11.36	-150.95	0.00	Cherry Canyon
	6000.00	0.00	359.62	5989.29	-151.04	-11.36	-150.95	0.00	
	6100.00	0.00	359.62	6089.29	-151.04	-11.36	-150.95	0.00	
	6200.00	0.00	359.62	6189.29	-151.04	-11.36	-150.95	0.00	

evon		County:	Lea	NDE 9-4 FED	COM 712H				Geodetic System: US State Plane 1983 Datum: North American Datum 1927		
			Permit Plan Permit Plan						Ellipsoid: Clarke 1866 Zone: 3001 - NM East (NAD83)		
	MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment		
-	6300.00	0.00	359.62	6289.29	-151.04	-11.36	-150.95	0.00			
	6400.00	0.00	359.62	6389.29	-151.04	-11.36	-150.95	0.00			
	6500.00	0.00	359.62	6489.29	-151.04	-11.36	-150.95	0.00			
	6600.00	0.00	359.62	6589.29	-151.04	-11.36	-150.95	0.00			
	6700.00	0.00	359.62	6689.29	-151.04	-11.36	-150.95	0.00			
	6800.00	0.00	359.62	6789.29	-151.04	-11.36	-150.95	0.00			
	6900.00	0.00	359.62	6889.29	-151.04	-11.36	-150.95	0.00			
	6925.71	0.00	359.62	6915.00	-151.04	-11.36	-150.95	0.00	Brushy Canyon		
	7000.00	0.00	359.62	6989.29	-151.04	-11.36	-150.95	0.00			
	7100.00	0.00	359.62	7089.29	-151.04	-11.36	-150.95	0.00			
	7200.00	0.00	359.62	7189.29	-151.04	-11.36	-150.95	0.00			
	7300.00	0.00	359.62	7289.29	-151.04	-11.36	-150.95	0.00			
	7400.00	0.00	359.62	7389.29	-151.04	-11.36	-150.95	0.00			
	7500.00	0.00	359.62	7489.29	-151.04	-11.36	-150.95	0.00			
	7600.00	0.00	359.62	7589.29	-151.04	-11.36	-150.95	0.00			
	7700.00	0.00	359.62	7689.29	-151.04	-11.36	-150.95	0.00			
	7800.00	0.00	359.62	7789.29	-151.04	-11.36	-150.95	0.00			
	7900.00	0.00	359.62	7889.29	-151.04	-11.36	-150.95	0.00			
	8000.00	0.00	359.62	7989.29	-151.04	-11.36	-150.95	0.00			
	8100.00	0.00	359.62	8089.29	-151.04	-11.36	-150.95	0.00			
	8200.00	0.00	359.62	8189.29	-151.04	-11.36	-150.95	0.00			
	8300.00	0.00	359.62	8289.29	-151.04	-11.36	-150.95	0.00			
	8400.00	0.00	359.62	8389.29	-151.04	-11.36	-150.95	0.00			
	8500.00	0.00	359.62	8489.29	-151.04	-11.36	-150.95	0.00			
	8600.00	0.00	359.62	8589.29	-151.04	-11.36	-150.95	0.00	1 d Barra Carlos Llas		
	8650.71	0.00	359.62	8640.00	-151.04	-11.36	-150.95	0.00	1st Bone Spring Lime		
	8700.00	0.00	359.62	8689.29	-151.04	-11.36	-150.95	0.00			
	8800.00	0.00	359.62	8789.29	-151.04	-11.36	-150.95	0.00			
	8900.00 9000.00	0.00	359.62 359.62	8889.29	-151.04	-11.36	-150.95	0.00 0.00			
	9000.00 9100.00	0.00 0.00	359.62	8989.29 9089.29	-151.04 -151.04	-11.36 -11.36	-150.95 -150.95	0.00			
	9200.00	0.00	359.62	9089.29 9189.29	-151.04	-11.36	-150.95	0.00			
	9300.00	0.00	359.62	9189.29	-151.04	-11.36	-150.95	0.00			
	9400.00	0.00	359.62	9389.29	-151.04	-11.36	-150.95	0.00			
	9500.00	0.00	359.62	9489.29	-151.04	-11.36	-150.95	0.00			
	9600.00	0.00	359.62	9589.29	-151.04	-11.36	-150.95	0.00			
	9700.00	0.00	359.62	9689.29	-151.04	-11.36	-150.95	0.00			
	9790.71	0.00	359.62	9780.00	-151.04	-11.36	-150.95	0.00	Bone Spring 1st		
	9800.00	0.00	359.62	9789.29	-151.04	-11.36	-150.95	0.00	bolic oping for		
	9900.00	0.00	359.62	9889.29	-151.04	-11.36	-150.95	0.00			
	10000.00	0.00	359.62	9989.29	-151.04	-11.36	-150.95	0.00			
	10100.00	0.00	359.62	10089.29	-151.04	-11.36	-150.95	0.00			
	10200.00	0.00	359.62	10189.29	-151.04	-11.36	-150.95	0.00			
	10300.00	0.00	359.62	10289.29	-151.04	-11.36	-150.95	0.00			
	10400.00	0.00	359.62	10389.29	-151.04	-11.36	-150.95	0.00			
	10418.71	0.00	359.62	10408.00	-151.04	-11.36	-150.95	0.00	Bone Spring 2nd		
	10500.00	0.00	359.62	10489.29	-151.04	-11.36	-150.95	0.00			
	10600.00	0.00	359.62	10589.29	-151.04	-11.36	-150.95	0.00			
	10700.00	0.00	359.62	10689.29	-151.04	-11.36	-150.95	0.00			
	10800.00	0.00	359.62	10789.29	-151.04	-11.36	-150.95	0.00			
	10900.00	0.00	359.62	10889.29	-151.04	-11.36	-150.95	0.00			
	10956.71	0.00	359.62	10946.00	-151.04	-11.36	-150.95	0.00	3rd Bone Spring Lime		
	11000.00	0.00	359.62	10989.29	-151.04	-11.36	-150.95	0.00			
	11100.00	0.00	359.62	11089.29	-151.04	-11.36	-150.95	0.00			
	11200.00	0.00	359.62	11189.29	-151.04	-11.36	-150.95	0.00			
	11300.00	0.00	359.62	11289.29	-151.04	-11.36	-150.95	0.00			
	11400.00	0.00	359.62	11389.29	-151.04	-11.36	-150.95	0.00			
	11500.00	0.00	359.62	11489.29	-151.04	-11.36	-150.95	0.00			
	11560.71	0.00	359.62	11550.00	-151.04	-11.36	-150.95	0.00	Bone Spring 3rd		
	11600.00	0.00	359.62	11589.29	-151.04	-11.36	-150.95	0.00			
	11700.00	0.00	359.62	11689.29	-151.04	-11.36	-150.95	0.00			
	11756.76	0.00	359.62	11746.06	-151.04	-11.36	-150.95	0.00	КОР		
	11800.00	4.32	359.62	11789.25	-149.41	-11.37	-149.32	10.00			
	11900.00	14.32	359.62	11887.81	-133.23	-11.48	-133.14	10.00			
	11959.94	20.32	359.62	11945.00	-115.39	-11.59	-115.30	10.00	wolfcamp / Point of Penetration		
	12000.00	24.32	359.62	11982.05	-100.18	-11.69	-100.09	10.00			
	12100.00	34.32	359.62	12069.13	-51.27	-12.02	-51.18	10.00			
	12200.00	44.32	359.62	12146.39	12.02	-12.44	12.11	10.00			
			220.02	0.00							
	12300.00	54.32	359.62	12211.49	87.76	-12.94	87.86	10.00			

devon		County:	Lea	NDE 9-4 FED	COM 712H				Geodetic System: US State Plane 1983 Datum: North American Datum 1927
			Permit Plan Permit Plan						Ellipsoid: Clarke 1866 Zone: 3001 - NM East (NAD83)
	MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
-	12500.00	74.32	359.62	12297.70	267.09	-14.13	267.20	10.00	
	12600.00	84.32	359.62	12316.21	365.24	-14.78	365.34	10.00	
	12660.93 12700.00	90.42 90.42	359.62 359.62	12319.00 12318.72	426.07 465.14	-15.18 -15.44	426.18 465.25	10.00 0.00	Landing Point
	12800.00	90.42	359.62	12310.72	565.13	-16.11	565.24	0.00	
	12900.00	90.42	359.62	12317.26	665.13	-16.77	665.24	0.00	
	13000.00	90.42	359.62	12316.53	765.12	-17.43	765.24	0.00	
	13100.00	90.42	359.62	12315.80	865.12	-18.10	865.24	0.00	
	13200.00 13300.00	90.42 90.42	359.62 359.62	12315.08 12314.35	965.12 1065.11	-18.76 -19.43	965.23 1065.23	0.00 0.00	
	13400.00	90.42	359.62	12313.62	1165.11	-20.09	1165.23	0.00	
	13500.00	90.42	359.62	12312.89	1265.10	-20.75	1265.22	0.00	
	13600.00	90.42	359.62	12312.17	1365.10	-21.42	1365.22	0.00	
	13700.00	90.42	359.62	12311.44	1465.09	-22.08	1465.22	0.00	
	13800.00 13900.00	90.42 90.42	359.62 359.62	12310.71 12309.98	1565.09 1665.08	-22.74 -23.41	1565.22 1665.21	0.00 0.00	
	14000.00	90.42	359.62	12309.25	1765.08	-24.07	1765.21	0.00	
	14100.00	90.42	359.62	12308.53	1865.07	-24.74	1865.21	0.00	
	14200.00	90.42	359.62	12307.80	1965.07	-25.40	1965.21	0.00	
	14300.00	90.42	359.62	12307.07	2065.06	-26.06	2065.20	0.00	
	14400.00 14500.00	90.42 90.42	359.62 359.62	12306.34 12305.61	2165.06 2265.05	-26.73 -27.39	2165.20 2265.20	0.00 0.00	
	14600.00	90.42	359.62	12303.01	2365.05	-28.05	2365.19	0.00	
	14700.00	90.42	359.62	12304.16	2465.04	-28.72	2465.19	0.00	
	14800.00	90.42	359.62	12303.43	2565.04	-29.38	2565.19	0.00	
	14900.00	90.42	359.62	12302.70	2665.03	-30.05	2665.19	0.00	
	15000.00 15100.00	90.42 90.42	359.62 359.62	12301.98 12301.25	2765.03 2865.02	-30.71 -31.37	2765.18 2865.18	0.00 0.00	
	15200.00	90.42	359.62	12300.52	2965.02	-32.04	2965.18	0.00	
	15300.00	90.42	359.62	12299.79	3065.01	-32.70	3065.18	0.00	
	15400.00	90.42	359.62	12299.06	3165.01	-33.36	3165.17	0.00	
	15500.00 15600.00	90.42 90.42	359.62 359.62	12298.34 12297.61	3265.00 3365.00	-34.03 -34.69	3265.17 3365.17	0.00 0.00	
	15700.00	90.42 90.42	359.62	12296.88	3464.99	-35.36	3465.16	0.00	
	15800.00	90.42	359.62	12296.15	3564.99	-36.02	3565.16	0.00	
	15900.00	90.42	359.62	12295.43	3664.98	-36.68	3665.16	0.00	
	16000.00	90.42	359.62	12294.70	3764.98	-37.35	3765.16	0.00	
	16100.00 16200.00	90.42 90.42	359.62 359.62	12293.97 12293.24	3864.97 3964.97	-38.01 -38.67	3865.15 3965.15	0.00 0.00	
	16300.00	90.42	359.62	12292.51	4064.96	-39.34	4065.15	0.00	
	16400.00	90.42	359.62	12291.79	4164.96	-40.00	4165.15	0.00	
	16500.00	90.42	359.62	12291.06	4264.96	-40.67	4265.14	0.00	
	16600.00 16700.00	90.42 90.42	359.62 359.62	12290.33 12289.60	4364.95 4464.95	-41.33 -41.99	4365.14 4465.14	0.00 0.00	
	16800.00	90.42	359.62	12288.87	4564.94	-42.66	4565.13	0.00	
	16900.00	90.42	359.62	12288.15	4664.94	-43.32	4665.13	0.00	
	17000.00	90.42	359.62	12287.42	4764.93	-43.98	4765.13	0.00	
	17100.00 17200.00	90.42 90.42	359.62 359.62	12286.69 12285.96	4864.93 4964.92	-44.65 -45.31	4865.13	0.00 0.00	
	17200.00	90.42 90.42	359.62	12285.96	4964.92 5064.92	-45.98	4965.12 5065.12	0.00	
	17400.00	90.42	359.62	12284.51	5164.91	-46.64	5165.12	0.00	
	17500.00	90.42	359.62	12283.78	5264.91	-47.30	5265.12	0.00	
	17600.00	90.42	359.62	12283.05	5364.90	-47.97	5365.11	0.00	
	17700.00 17800.00	90.42 90.42	359.62 359.62	12282.32 12281.60	5464.90 5564.89	-48.63 -49.29	5465.11 5565.11	0.00 0.00	
	17900.00	90.42	359.62	12280.87	5664.89	-49.96	5665.10	0.00	
	18000.00	90.42	359.62	12280.14	5764.88	-50.62	5765.10	0.00	
	18100.00	90.42	359.62	12279.41	5864.88	-51.29	5865.10	0.00	
	18200.00	90.42	359.62	12278.69	5964.87	-51.95	5965.10	0.00	
	18300.00 18400.00	90.42 90.42	359.62 359.62	12277.96 12277.23	6064.87 6164.86	-52.61 -53.28	6065.09 6165.09	0.00 0.00	
	18500.00	90.42	359.62	12276.50	6264.86	-53.94	6265.09	0.00	
	18600.00	90.42	359.62	12275.77	6364.85	-54.60	6365.09	0.00	
	18700.00	90.42	359.62	12275.05	6464.85	-55.27	6465.08	0.00	
	18800.00	90.42	359.62	12274.32	6564.84	-55.93	6565.08	0.00	
	18900.00 19000.00	90.42 90.42	359.62 359.62	12273.59 12272.86	6664.84 6764.83	-56.60 -57.26	6665.08 6765.07	0.00 0.00	
	19100.00	90.42	359.62	12272.14	6864.83	-57.92	6865.07	0.00	
	19200.00	90.42	359.62	12271.41	6964.82	-58.59	6965.07	0.00	
	19300.00	90.42	359.62	12270.68	7064.82	-59.25	7065.07	0.00	

n		County: Wellbore:			COM 712H				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)	
	19400.00	90.42	359.62	12269.95	7164.81	-59.91	7165.06	0.00	
	19500.00	90.42	359.62	12269.22	7264.81	-60.58	7265.06	0.00	
	19600.00	90.42	359.62	12268.50	7364.80	-61.24	7365.06	0.00	
	19700.00	90.42	359.62	12267.77	7464.80	-61.91	7465.06	0.00	
	19800.00	90.42	359.62	12267.04	7564.79	-62.57	7565.05	0.00	
	19900.00	90.42	359.62	12266.31	7664.79	-63.23	7665.05	0.00	
	20000.00	90.42	359.62	12265.58	7764.79	-63.90	7765.05	0.00	
	20100.00	90.42	359.62	12264.86	7864.78	-64.56	7865.04	0.00	
	20200.00	90.42	359.62	12264.13	7964.78	-65.22	7965.04	0.00	
	20300.00	90.42	359.62	12263.40	8064.77	-65.89	8065.04	0.00	
	20400.00	90.42	359.62	12262.67	8164.77	-66.55	8165.04	0.00	
	20500.00	90.42	359.62	12261.95	8264.76	-67.21	8265.03	0.00	
	20600.00	90.42	359.62	12261.22	8364.76	-67.88	8365.03	0.00	
	20700.00	90.42	359.62	12260.49	8464.75	-68.54	8465.03	0.00	
	20800.00	90.42	359.62	12259.76	8564.75	-69.21	8565.03	0.00	
	20900.00	90.42	359.62	12259.03	8664.74	-69.87	8665.02	0.00	
	21000.00	90.42	359.62	12258.31	8764.74	-70.53	8765.02	0.00	
	21100.00	90.42	359.62	12257.58	8864.73	-71.20	8865.02	0.00	
	21200.00	90.42	359.62	12256.85	8964.73	-71.86	8965.01	0.00	
	21300.00	90.42	359.62	12256.12	9064.72	-72.52	9065.01	0.00	
	21400.00	90.42	359.62	12255.40	9164.72	-73.19	9165.01	0.00	
	21500.00	90.42	359.62	12254.67	9264.71	-73.85	9265.01	0.00	
	21600.00	90.42	359.62	12253.94	9364.71	-74.52	9365.00	0.00	
	21700.00	90.42	359.62	12253.21	9464.70	-75.18	9465.00	0.00	
	21800.00	90.42	359.62	12252.48	9564.70	-75.84	9565.00	0.00	
	21900.00	90.42	359.62	12251.76	9664.69	-76.51	9665.00	0.00	
	22000.00	90.42	359.62	12251.03	9764.69	-77.17	9764.99	0.00	
	22100.00	90.42	359.62	12250.30	9864.68	-77.83	9864.99	0.00	
	22200.00	90.42	359.62	12249.57	9964.68	-78.50	9964.99	0.00	
	22300.00	90.42	359.62	12248.84	10064.67	-79.16	10064.98	0.00	
	22400.00	90.42	359.62	12248.12		-79.83	10164.98	0.00	
	22471.56	90.42	359.62	12247.60	10236.22	-80.30	10236.54	0.00	exit
	22500.00	90.42	359.62	12247.39	10264.66	-80.49	10264.98	0.00	
	22551.56	90.42	359.62	12247.00	10316.22	-80.78	10316.54	0.00	BHL

1. Geologic Formations

TVD of target	12248	Pilot hole depth	N/A
MD at TD:	22552	Deepest expected fresh water	

Basin

	Depth	Water/Mineral	
Formation	(TVD)	Bearing/Target	Hazards*
	from KB	Zone?	
Rustler	1160		
Salt	1454		
Base of Salt	4564		
Delaware	4819		
Cherry Canyon	5966		
Brushy Canyon	6915		
1st Bone Spring Lime	8640		
Bone Spring 1st	9780		
Bone Spring 2nd	10408		
3rd Bone Spring Lime	10946		
Bone Spring 3rd	11550		
wolfcamp	11945		

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

2	Casing	Program	(Primary	Decign)
4.	Casing	I I Ugi am	(I I IIIIal V	Design)

		Wt			Casing	Interval Casi		ng Interval	
Hole Size	Csg. Size	(PPF)	Grade	Conn	From (MD)	To (MD)	From (TVD)	To (TVD)	
14 3/4	10 3/4	45 1/2	J-55	BTC	0	1185	0	1185	
9 7/8	8 5/8	32	P110EC	Spring FJ	0	11657	0	11657	
7 7/8	5 1/2	20	P110EC	DWC/C-IS+	0	22552	0	12248	

•All casing strings will be tested in accordance with 43 CFR 3172. Must have table for contingency casing.

3. Cementing Program

Casing	# Sks	тос	Wt. ppg	Yld (ft3/sack)	Slurry Description
Surface	710	Surf	13.2	1.44	Lead: Class C Cement + additives
Int 1	336	Surf	9	3.27	Lead: Class C Cement + additives
Int I	550	6915	13.2	1.44	Tail: Class H / C + additives
Int 1	763	Surf	13.2	1.44	Braden head: Class C Cement + additives
Bradenhead	336	Surf	9	3.27	Lead: Class C Cement + additives
Squeeze	550	6915	13.2	1.44	Tail: Class H / C + additives
Production	117	9757	9	3.27	Lead: Class H /C + additives
FIGUICIIOII	1429	11757	13.2	1.44	Tail: Class H / C + additives

Assuming no returns are established while drilling, Devon requests to pump a two stage cement job on the intermediate casing string with the first stage being pumped conventionally with the calculated top of cement at the Brushy Canyon and the second stage performed as a bradenhead squeeze with planned cement from the Brushy Canyon to surface. The final cement top will be verified by Echo-meter. Devon will include the Echo-meter verified fluid top and the volume of displacement fluid above the cement slurry in the annulus in all post-drill sundries on wells utilizing this cement program. Devon will report to the BLM the volume of fluid (limited to 1 bbls) used to flush intermediate casing valves following backside cementing procedures.

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

Devon Energy requests to offline cement on intermediate strings that are set in formations shallower than the Wolfcamp. Prior to commencing offline cementing operations, the well will be monitored for any abnormal pressures and confirmed to be static. A dual manifold system (equipped with chokes) for the returns will also be utilized as a redundancy. All equipment used for offline cementing will have a minimum 5M rating to match intermediate sections' 5M BOPE requirements.

4. Pressure Control Equipment (Three String Design)

BOP installed and tested before drilling which hole?	Size?	Min. Required WP	Туре		~	Tested to:
				nular	Х	50% of rated working pressure
Int 1	13-58"	5M	Blinc	l Ram	X	<u> </u>
Int I	15-50	5111	Pipe	Ram		5M
			Doub	le Ram	Х	5101
			Other*			
			Annul	ar (5M)	Х	100% of rated working pressure
Production	13-5/8"	10M	Blind Ram		X	- 10M
FIOduction		TOM	Pipe Ram			
			Doub	le Ram	X	10141
			Other*			
			Annular (5M)			
			Blind Ram			
			Pipe Ram			† I
			Double Ram			† I
			Other*			1
N A variance is requested for	ance is requested for the use of a diverter on the surface casing. See attached for schematic.					schematic.
Y A variance is requested to r	A variance is requested to run a 5 M annular on a 10M system					

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
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6. Logging and Testing Procedures

Logging, C	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.				

Addition	al 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	6687		
Abnormal temperature	No		
Mitigation many for sharmal conditions. Describe Lost singulation material/awang/mud souvangers			

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	greater than 100 ppm, the operator will comply with the provisions of 43 CFR 3176. If Hydrogen Sulfide is encountered		
measured values and formations will be provided to the BLM.			
N	H2S is present		
Y	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 (43 CFR 3172, 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 Sante Fe Main Office Phone: (505) 476-3441

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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	455059	
	Action Type:	
	[C-103] NOI Change of Plans (C-103A)	

CONDITIONS

Created By	Condition	Condition Date
matthew.gomez	Administrative order required for non-standard location prior to production.	5/14/2025
matthew.gomez	If cement is not circulated to surface during cementing operations, a Cement Bond Log (CBL) is required.	5/14/2025
matthew.gomez	A [C-103] Sub. Drilling (C-103N) is required within (10) days of spud.	5/14/2025
matthew.gomez	Notify the OCD 24 hours prior to casing & cement.	5/14/2025
matthew.gomez	Any previous COA's not addressed within the updated COA's still apply.	5/14/2025

CONDITIONS

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Action 455059