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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (305) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr.

220 South St. Francis D Santa Fe, NM 87505 Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

X AMENDED REPORT

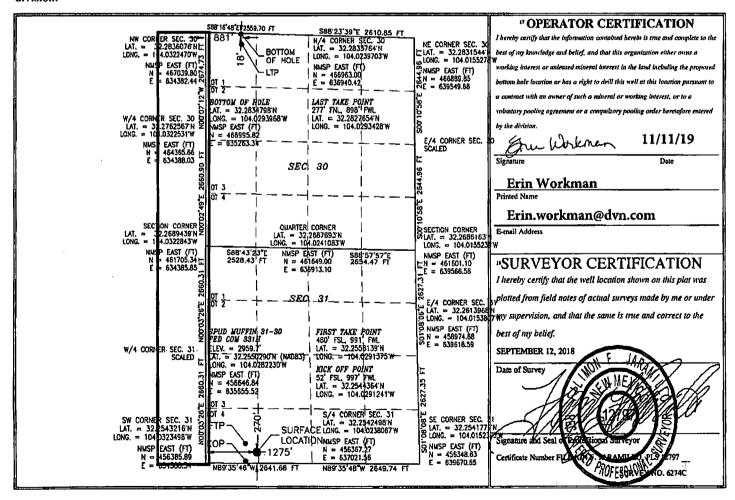
AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

		1,0,10,1,0,0,0,0,1,1,0,1,1,1,1,1,1,1,1,					
API Numb	er Pool Code	Pool Code Pool Name					
30-015-454	11520	CEDAR CANYON; BONE SPRI	NG I				
⁴ Property Code	· 'Pı	· Property Name					
322920	SPUD MUFF	331H					
⁷ OGRID №.	'O _l	⁹ Elevation					
6137	DEVON ENERGY PRO	2959.7					

¹⁰ Surface Location											
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
4 31 23 S 29 E 270 SOUTH 1275 WEST EDDY											
¹¹ Bottom Hole Location If Different From Surface											
UL or lot no.	L or lot no. Section		Township Range		Feet from the	North/South line	Feet from the	East/West line	County		
1	30	23 S	29 E		18	NORTH	881	WEST	EDDY		
¹² Dedicated Acres ¹³ Joint or Infill ¹⁴ Consolidation Code ¹⁵ Order No.											
312.39											

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.



		As Dril	led xx			·			-			
API#				,				•				
Operator Name: DEVON ENERGY PRODUCTION COMPANY, L.P.						Property Name: SPUD MUFFIN 31-30 FED COM				1	Well Numbe	
				, 14, V		<u> </u>						
ick O	ff Point	(KOP)	•	• *	πr.				•			
UL.	Section 31	Township 23S	Range 29E	Lot 4	Feet 52	From N/S SOUTH	Feet 997		om E/W EST	County		
Latitud 32.2	de 54436	4		•	Longitu 104.	^{ude} 0291241				NAD 83		
irct T	ake Poir	nt (ETP)										
UL VI	Section 31	Township 23S	Range 29E	Lot 4	Feet 480	From N/S	Feet 991		om E/W EST	County		
Latitu		J	<u></u>		Longit		155,-			NAD 83		
		. (170)							•	J		
UL	ake Poin	Township	Range	Lot	Feet	From N/S Fee	t T	From E/V	/ Coun	ity		
)	30	238	29E	1	277	NORTH 898	3	WEST	EDD	Υ		
Latitu 3クク	^{de} 182765	· 5 4			Longit	^{ude} 0293428			NAD 83			
		e defining v		ne Hor	izontal S	pacing Unit?	YES]				
			ride API if	[:] availa	ble, Ope	erator Name and	well ni	umber fo	or Defini	ng well f	or Horizontal	
	l is yes p ng Unit.	lease prov	_									
	•	lease prov	7									
pacir API#	•]		· · · · · · · · · · · · · · · · · · ·	Property Name	: :				Well Numbe	



I Larry Wright, certify that I am employed by Wellbenders Directional Services. That I did on the day(s) of 03/02/19 thru 03/06/19 conduct or supervise the taking of a MWD Survey from a depth of 17798' to a depth of 19938'; that the data is true, correct, complete and within the limitations of the tool as set forth by Wellbenders Directional Services; that I am authorized and qualified to make this report; that this survey was conducted at the request of Devon Energy for the Spud Muffin 31-30 FED COM #331H ST01 API No. 30-015-45459 in Eddy County, New Mexico; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by Wellbenders Directional Services.

Larry Wright

Larry Digitally signed by Larry Wright Date:
Wright 2019:10.28
14:10:39 -05'00'

RECEIVED

MAR 2 & 2020

EMNRD-OCDARTESIA



Final MWD Survey Certification

Eddy County, New Mexico

Client: Devon Energy

Well Name: Spud Muffin 31-30 Fed Com 331H

Total Job No: 2019-152-103

API No: 30-015-45459

Start Date: 2/28/2019

End Date: 3/07/2019

Measured Start Depth: 17798 feet

Measured End Depth with PTB: 19938 feet

I, <u>Blair Kenzle</u>, <u>MWD Operator</u>, hereby certify that; I am employed by Total Directional Services, LLC and we conducted or supervised the taking of these open hole MWD surveys at the request of this client. This data is true, correct, complete and within the limitations of the tool as set forth by Total Directional Services, LLC. I am authorized and qualified to make this report and have reviewed this report and find that it conforms to the principals and procedures as set forth by Total Directional Services, LLC.

Date: 3/07/2019

Signed: Blair Kenzle



I Larry Wright, certify that I am employed by Wellbenders Directional Services. That I did on the day(s) of 03/02/19 thru 03/06/19 conduct or supervise the taking of a MWD Survey from a depth of 17798' to a depth of 19938'; that the data is true, correct, complete and within the limitations of the tool as set forth by Wellbenders Directional Services; that I am authorized and qualified to make this report; that this survey was conducted at the request of Devon Energy for the Spud Muffin 31-30 FED COM #331H ST01 API No. 30-015-45459 in Eddy County, New Mexico; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by Wellbenders Directional Services.

Larry Wright

RECEIVED

MAR 2 \(\alpha \) 2020

EMNRD-OCD ARTESIA

Svy	d	lepth	inc a	azm	tvd	ns	ew	vs	dls
	Tie In	17798	88.5	0.3	9700.92	8214.08	-373.03	8215.98	1.85
	201	17892	87.3	3.3	9704.37	8307.96	-370.08	8309.84	3.44
	202	17986	89	1.1	9707.4	8401.83	-366.47	8403.69	2.96
	203	18080	91.3	2.5	9707.16	8495.77	-363.52	8497.62	2.86
	204	18175	90.5	2.4	9705.67	8590.67	-359.46	8592.49	0.85
	205	18268	94	2.6	9702.02	8683.5	-355.41	8685.3	3.77
	206	18362	94.2	2.2	9695.29	8777.18	-351.48	8778.95	0.47
	207	18456	92.5	1.7	9689.8	8870.96	-348.29	8872.71	1.88
	208	18550	92.5	1.7	9685.7	8964.83	-345.5	8966.57	0
	209	18644	92.8	1.1	9681.36	9058.7	-343.21	9060.42	0.71
	210	18738	91.2	0.7	9678.08	9152.63	-341.73	9154.34	1.75
	211	18832	90.4	359.8	9676.76	9246.61	-341.32	9248.33	1.28
	212	18926	89	358.9	9677.26	9340.6	-342.39	9342.32	1.77
	213	19020	90.5	358.1	9677.67	9434.57	-344.85	9436.3	1.81
	214	19114	90.6	358	9676.76	9528.51	-348.05	9530.25	0.15
	215	19208	90.2	357.6	9676.11	9622.44	-351.66	9624.2	0.6
	216	19302	89.1	357.1	9676.68	9716.33	-356	9718.12	1.29
	217	19396	90.8	357.6	9676.76	9810.23	-360.35	9812.03	1.89
	218	19490	90.5	357.3	9675.7	9904.13	-364.53	9905.96	0.45
	219	19584	90.5	357	9674.88	9998.01	-369.2	9999.86	0.32
	220	19678	89.7	356.1	9674.71	10091.84	-374.86	10093.72	1.28
	221	19772	90.3	356.4	9674.71	10185.64	-381.01	10187.55	0.71
	222	19867	90.6	356	9673.97	10280.42	-387.3	10282.37	0.53
	223	19883	90.8	356	9673.77	10296.38	-388.42	10298.33	1.25
	PTB	19938	90.8	356	9673	10351.24	-392.26	10353.21	0