OIL CONSERVATION DIVISION THURSDAY, AUGUST 5, 2021

Colgate Operating, LLC
OCD Cases 22085-22086
Cases are being presented by Affidavit

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Exhibit A Affidavit of Mark Hadjik with attached exhibits

Exhibit B Affidavit of Segerio Ojeda with attached exhibits

Exhibit C Affidavit of Ernest L. Padilla with attached exhibits

Compulsory pooling checklist for OCD Case 22085

Compulsory pooling checklist for OCD Case 22086

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Exhibit A

Affidavit of Mark Hadjik

OCD Case 22085 (Klondike wells) Colgate Operating, LLC

Bate Numbers

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STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

APPLICATION OF COLGATE OPERATING, LLC FOR COMPULSORY POOLING IN EDDY COUNTY, NEW MEXICO

CASE NO. 22085

APPLICATION OF COLGATE OPERATING, LLC FOR COMPULSORY POOLING IN EDDY COUNTY, NEW MEXICO

CASE NO. 22086

AFFIDAVIT

STATE OF TEXAS)
) ss.
COUNTY OF MIDLAND)

Mark Hajdik, being duly sworn, deposes and states:

- 1. I am over the age of 18, I am a Petroleum Landman for Colgate Operating. LLC, and have personal knowledge of the matters stated herein. I have previously testified before the Oil Conservation Division ("Division") and my credentials as an expert petroleum landman are a matter of record with the Division.
- 2. My area of responsibility of Colgate Operating. LLC includes the area of Eddy County in New Mexico.
 - 3. I am familiar with the applications filed with by Colgate Operating. LLC.
 - 4. I am familiar with the status of the lands that are subject to these applications.
- 5. I submit the following information pursuant to NMAC 19.15.4.12.A(1) in support of the above referenced compulsory pooling applications.
 - 6. In Case 22085 Applicant seeks an order pooling all mineral interests within the West Winchester Bone Spring (Pool Code 97569), underlying the S/2 of Section 9, Township 19 South, Range 28 East, NMPM, Eddy County, New Mexico, on the following wells listed below.

Klondike 9 State Com 123H

This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit L of Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 7,000 feet and TMD of approximately 12,080 feet, and will target the 2nd Bone Spring.

Klondike 9 State Com 124H

This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit M of Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 7,000 feet and TMD of approximately 12,080 feet, and will target the 2nd Bone Spring.

Klondike 9 State Com 133H

This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit L of Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150 feet and TMD of approximately 13,230 feet, and will target the 3rd Bone Spring.

Klondike 9 State Com 134H

This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit M Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150 feet and TMD of approximately 13,230 feet, and will target the 3rd Bone Spring.

Attached hereto as Exhibits 1, 2, 3, and 4 are copies of the C-102s for the foregoing wells, together with associated mapping.

7. In Case 22086 Applicant seeks an order pooling all mineral interests within the West Winchester Bone Spring (Pool Code 97569), underlying the N/2 of Section 9, Township 19 South, Range 28 East, NMPM, Eddy County, New Mexico, on the following wells listed below.

Madera 9 State Com 121H

This proposed well is a horizontal well with a legal surface location in Units A/H of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit D of Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 7,000 feet and TMD of approximately 12,080 feet, and will target the 2nd Bone Spring.

Madera 9 State Com 122H

This proposed well is a horizontal well with a legal surface location in Units A/H of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit D of

Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 7,000 feet and TMD of approximately 12,080 feet, and will target the 2nd Bone Spring.

Madera 9 State Com 131H

This proposed well is a horizontal well with a legal surface location in Units A/H of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit L1 of Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150 feet and TMD of approximately 13,230 feet, and will target the 3rd Bone Spring.

Madera 9 State Com 132H

This proposed well is a horizontal well with a legal surface location in Units A/H of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit E Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150 feet and TMD of approximately 13,230 feet, and will target the 3rd Bone Spring.

Attached hereto as **Exhibits 5, 6, 7, and 8** are copies of the C-102s for the foregoing wells, together with associated mapping.

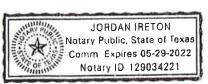
- 7. The parties being pooled and the percent of their interests are shown in Exhibits 9 and 10 for the respective cases. The owners of overriding royalty interests are also identified in Exhibits 9 and 10.
- 8. Colgate Operating LLC have conducted a diligent search of the public records in the county where the wells are located and conducted phone directory and computer searches to locate contact information for parties entitled to notification, and mailed all parties well proposals. A copy of Communication Timeline is attached hereto as **Exhibit 12** for both cases.
- 9. In my opinion, Colgate Operating. LLC has made a good faith effort to obtain voluntary joinder of the working interest owners in the proposed wells.
- 10. Exhibits 13 and 14 are copies of proposal letters sent to working interest owners, which were sent in March 2021, for the proposed wells in both cases together with AFEs.
- 11. The proposal letters identified the proposed first and last take points and approximate TVD.

- 12. Exhibit 15 contains updated and reduced Authorizations for Expenditure for the proposed wells. The estimated cost of the wells set forth therein is fair and reasonable and is comparable to the costs of other wells of similar depths and length drilled in this area of New Mexico. Colgate Operating. LLC requests overhead and administrative rates of \$8,000.00/month for drilling a well and \$800.00/month for a producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this area of Southeastern, New Mexico. Colgate Operating. LLC requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.
- 13. Colgate Operating. LLC requests the maximum cost plus 200% risk charge be assessed against non-consenting working interest owners.
 - 14. Colgate Operating, LLC requests that it be designated operator of the wells.
- 15. The granting of this application is in the interests of conservation and the prevention of waste. HADIN TADIN

SUBSCRIBED AND SWORN to before me this 2 day of August, 2021, by MARK HADJIK on behalf of Colgate Operating. LLC.

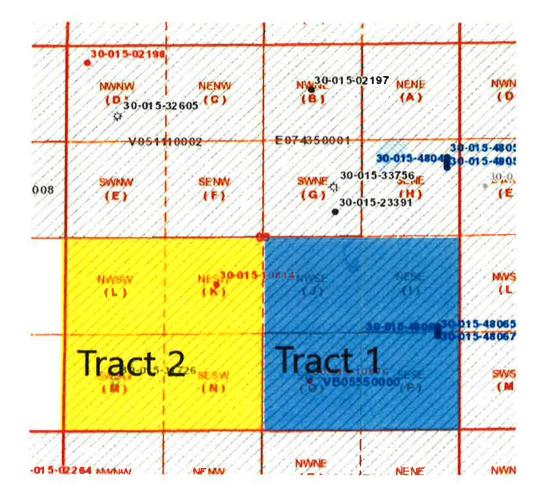
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My Commission Expires:



WIOWNER	TRACT	NET	WI	FORCE POOL INTEREST
Colgate Production, LLC	1, 2	130.799	40.87%	Operator
CM Resources, LLC (Northern Oil and Gas)	2	49.4028	15.44%	Executed JOA
Oxy USA WTP, LP	1, 2	86.5901	27.06%	Yes
Slash Exploration, LP	1	2.5	0.78%	Yes
Harvard Petroleum Company, LLC	1	2.5	0.78%	Yes
Read & Stevens, Inc.	1	0.62496	0.20%	Yes
Anne S. Johnson	1	0.20832	0.07%	Yes
Roy G. Barton, Jr., Trustee of the Roy G. Barton, Sr., and Opal Barton Trust u/t/a dated 1/28/1982	1	0.62496	0.20%	Yes
COG Operating	2	19.2778	6.02%	Yes
ZPZ Delaware I LLC	2	15	4.69%	Yes
D2 Resources, LLC	2	3.43889	1.07%	Yes
Solis Energy, LLC	2	3.43889	1.07%	Yes
WPX Energy Permian, LLC	2	3.19444	1.00%	Yes
Penroc Oil Corp	2	2.4	0.75%	Yes

NM	SLO Record Title
MRC DELA	WARE RESOURCES, LLC
WPX ENI	ERGY PERMIAN, LLC.



Communication Timeline

March, 2021 - Revised proposals sent for Klondike 9 State Com wells

January - Present, 2021 – Ongoing discussions of trade proposals and other deal structures to acquire Oxy's interest and Concho's interest in separate discussions

Various Dates – Discussed offers to acquire small interest owners in section, most did not respond to offers

August - Present, 2020 - Finalizing plans to acquire Devon's interest

March, June, July, 2021 – Kept Slash Energy apprised of revised plans and potential participation from them

June 2021 - CM Resources, LLC executed JOA covering these wells

August 3, 2021 – As of this date a number of the parties have not reached final resolution with participation nor have the deals to acquire finalized



Via Certified Mail

March 5, 2021

Oxy USA WTP, LP 5 Greenway Plaza Suite 110 Houston, Texas 77046

RE:

Klondike 9 State Com Well Proposals

S/2 of Sec. 9, T19S-28E, Bone Spring Formation

Eddy County, New Mexico

To whom it may concern:

Colgate Production, LLC ("Colgate"), hereby proposes the drilling of four (4) wells, the Klondike 9 State Com 123H, 124H, 133H, and 134H at the following approximate locations:

Klondike 9 State Com 123H

SHL: To be located at a legal location in Units I/P of Section 9-19S-28E BHL: To be located at a legal location in Unit L Section 9-19S-28E

TVD: 7,000'

TMD: Approximately 12,080'
Targeted Interval: 2nd Bone Spring
Total Cost: See attached AFE

Klondike 9 State Com 124H

SHL: To be located at a legal location in Units I/P of Section 9-19S-28E BHL: To be located at a legal location in Unit M of Section 9-19S-28E

TVD: 7,000'

TMD: Approximately 12,080'
Targeted Interval: 2nd Bone Spring
Total Cost: See attached AFE

Klondike 9 State Com 133H

SHL: To be located at a legal location in Units I/P of Section 9-19S-28E BHL: To be located at a legal location in Unit L of Section 9-19S-28E

TVD: 8,150'

TMD: Approximately 13,230'
Targeted Interval: 3rd Bone Spring
Total Cost: See attached AFE

Klondike 9 State Com 134H

SHL: To be located at a legal location in Units I/P of Section 9-19S-28E BHL: To be located at a legal location in Unit M of Section 9-19S-28E

TVD: 8,150'

TMD: Approximately 13,230'
Targeted Interval: 3rd Bone Spring
Total Cost: See attached AFE

The locations, TVD's, and targets are approximate and subject to change depending on surface or subsurface issues encountered. Colgate is proposing to drill these wells under the modified terms of the 1989 AAPL Operating Agreement and a form of said Operating Agreement will be forwarded to you following your receipt of your election to participate. The Operating Agreement will have the following general provisions:

- -100%/200%/200% non-consent provisions
- \$8,000/\$800 drilling and producing rates
- Colgate Operating, LLC named as Operator

Please indicate your election to participate in the drilling and completion of the proposed wells in the space provided below. Please sign and return one copy of this letter, a signed copy of the previously proposed AFE, and your geologic well requirements.

Colgate will apply to the New Mexico Oil Conservation Division for compulsory pooling of your interest into a spacing unit for the proposed well, should we not reach an agreement within 30 days of the date of this letter. If you do not wish to participate Colgate would be interested in acquiring your interest in the subject lands.

If you have any questions regarding this matter, please give me a call at 432-257-3886 or via email at mhajdik@colgateenergy.com.

Sincerely,

Makling like

Mark Hajdik Senior Landman

Colgate Energy 300 N. Marienfeld St. Suite 1000 Midland, TX 79701

Enclosures

Well Elections
I/We hereby elect to participate in the Klondike 9 State Com 123HI/We hereby elect NOT to participate in the Klondike 9 State Com 123H.
I/We hereby elect to participate in the Klondike 9 State Com 124HI/We hereby elect NOT to participate in the Klondike 9 State Com 124H.
I/We hereby elect to participate in the Klondike 9 State Com 133HI/We hereby elect NOT to participate in the Klondike 9 State Com 133H.
I/We hereby elect to participate in the Klondike 9 State Com 134HI/We hereby elect NOT to participate in the Klondike 9 State Com 134H.
Working Interest Owner:
Printed Name:

Date: _____

Colgate Energy 303 W, Wall St. , Midland TX 79701 Phone (432) 695-4257 • Fax (432) 695-4063

		, ,	
TIMATE OF	COSTS AND	AUTHORIZATION FOR	EXPENDIT

		OF COSTS AND AUT	HORIZATION FOR EXPEND		
DATE	3/5/2021	2011		AFE NO.:	0
VELL NAME: OCATION:	Klondike State 9 Com 1:	41H			almillo; Bone Spring
OUNTY/STATE:	Parkway Eddy			MD/IVD: LATERAL LENGTH:	12080 / 7000 5,080
Colgate WII:	0.00%			DRILLING DAYS:	17.25
GEOLOGIC TARGET:	2nd Bone Spring			COMPLETION DAYS:	11
	Zinz buite oprois				
KEMARKS:	Drill and Complete 30 s	tages in the 2nd Bone	Spring formation, APE inc	ludes D&C, flowhack & i	nitial ESP install,
		DRILLING	COMPLETION	PRODUCTION	TOTAL
INTANGIBLE	COSTS	COSTS	COSTS	COSTS	COSTS
Land/Legal/Regulatory Location, Surveys & Dame	ares	15,000	3 13,000	10,000	35,000
Freight / Transportation	-6-"	22,200	33,250	Til,tino	88,750
Rental - Surface Equipme		17,511	111,100	4,640	163,254
6 Kental - Downkole Equip	ment	68,799	10,000		108,799
7 Rental - Living Quarters 10 Directional Orilling, Surr	nov.	31,777	40,100	5,200	77,007 161,900
Li Drilling	/-	417,969			17,959
12 Drill Bita		81,000			81,000
3 Fuel & Power		56,149	185,000		161,149
4 Cementing & Float Equip 6 Perforating, Wireline, Sil		155,000	77770		155,000
7 High Pressure Pump Tru			133,250	8,000	141,250
la Completion Unil, Swab,			60,000	12,010	72,040
40 Mud Circulation System		72,290			72,290
1 Mud Logging		16,685			16,685
22 Logging / Formation Eval	iuation	1,216	8,000		12,216
23 Mud & Chemicals 24 Water		27,898	152,000° 261,596		226,596
25 Stimulation		22,078	390,000		360,000
26 Silmulation Howback &			81,000		84,000
28 Mud / Wastewater Dispo	nal .	96,998	68,030		164,938
10 Rig Supervision / Engine		80,168	57,200	9,800	147,368
32 Drig & Campletion Over. 35 Lahor	neau	108500	23,000	10,000	6,469
4 Proppant		100,000	213,368	10,000	213,868
5 Insurance		23,128	(SAOMOIR)	-	23,128
77 Contingency		88,721	84,018	5,988	178,707
# Plugging & Abandonmer					
	TOTAL INTANGIBLES >		1,837,382	65,648	3,786,166
TANGIBLE	CINETE	DRII LING COSTS	COMPLETION	PRODUCTION COSTS	TOTAL
O Surface Caring	-Uată	9,390	5	CAZOTO	2 //23/0
Intermediate Casing		59,776	24	-	69,726
2 Drilling Liner					-
3 Production Casing		158,964		7	168,961
f Production Lines 5 Fubing				90,911	
o Welthead		61,000		30,900	30,911
7 l'ackers, Liner Hangers		22,000		7,900	25,900
9 Tanks					
9 Production Vessels		9 9 5		7	
U Flow Lines I Kud string					
i Rod simng 2 Artificial Lüt Equipment				80,000	80,000
Compressor				- GOVOO	- ONAMA
Installation Costs				35,000	35,000
Surface Fumps		7		5,000	5,000
Downhole Pumps	-1414			4,950	4,950
Measurement & Mides In: Gas Conditioning / Debye		- 21			
Interconnecting Facility P	iping				
Gathering / Bulk Lines					
Valves, Dumps, Controlle	x4		·		
? l'ank/Facility Containme	at the			1	1.7
Flare Stack		12-28-32			
l Electrical / Grounding 5 Communications / SCAD	Α.			60,000	60,000
Instrumentation / Safety	7.				
	TOTAL TANGIBLES >	334,280	0	268,261	602,540
	TOTAL COSTS >	2,197,415	1,657,182	333,909	4,368,706
A DED BY COVERED	****				
ARED BY Colgate Energ	5Y2				
Drilling Engineer	: Steven Signist		· ·		
Completions Engineer			CRM		
Production Engineer	evi tiaccis				
to the same a part of the					
e Energy APPROVAL:					
Co-CFC		Co-	CEO	VP - Operati	ons
	WH		110		CRM
VP - Land & Legal		VP - Geasch	nces		
	HC.		90		
OPERATING PARTNE	R APPROVAL:				
Company Name:			Working Interest (%)	Tax	ID
y sunte			Samuel manage for	184	
Signed by:			Date:		
					9
Title			Approve:		No (mark one)

Colgate Energy 303 W. Wall St., Midland TX 7970 Phone (432) 695-4257 • Fax (432) 695-4063

DATE		OF CUSTS AND AUTHOR	RIZATION FOR EXPEND	DITURE	
	3/5/2021			AFE NO.;	0
WELL NAME:	Klondike 9 State Com 1	Z4H			almillo; Hone Spring
LOCATION: COUNTY/STATE:	Parkway Eddy			MD/TVD: LATERAL LENGTH:	12080 / 7000
Colgate WI:	0.00%			DRILLING DAYS:	5,080 17.25
GEOLOGIC TARGET:	2nd Bone Spring			COMPLETION DAYS:	11
				-	
REMARKS	Drill and Complete 30 s	The same of the sa	and the same of th	cludes D&C, flowback &	And the second second second
INTANGIBLE C	COSTS	DRILLING COSTS	COMPLETION	PRODUCTION COSTS	TOTAL COSTS
Land/Legal/Regulatory		35,000	3	3	\$ 35,000
l Location, Surveys & Damag Freight / Transportation		158,000	13,000	10,000	173,000 88,750
5 Kental - Surface Equipment		17,511	111,100	1,640	163,251
6 Rental - Downhole Equipma	ant .	68,799	10,000		100,799
7 Rental - Living Quarters		31,707	40,100	5,200	77,007
10 Directional Drilling, Surve 11 Drilling	ye	161,900			160,900
12 Drill Bite		\$17,959			417,959 H1,000
l3 Fuel & Power		56,149	105,000		161,149
14 Cementing & Float Equip		155,000			155,000
l6 Perforating, Wireline, Slick 17 High Pressure Pump Truck			133,250	8,000	141,250
17 High Pressure Pump Truck 18 Completion Unit, Swab, CT			10,000	12,000	10,000 72,010
20 Mud Circulation System	.~	72,290	TELLIAN	12,040	72,290
I Mud Logging		16,589			16,685
22 Logging / Formation Evalua	ation	1,216	8,000		12,216
23 Mud & Chemicals		74,396	152,000		226,396
24 Waler 25 Stimulation		27,898	261,296 360,000	/	289,494
26 Stimulation Flowback & Di	isp		REDOIT-		350,000
28 Mud / Wastewaler Disposal	1	26/438	68,000		161/938
30 Rig Supervision / Engineer	ing	80,388	37.700	7,800	147,968
32 Drig & Completion Overhe	ad	6,169		TO THE PARTY OF TH	6,169
35 Labor 59 Proppant		108,500	27,0868	TO NATIONAL TO A STATE OF THE S	111,900
95 Insurance		25,126	213,096	3	213,868
97 Contingency		88,771	81,018	5,968	178,707
99 Plugging & Abandonment					
	TOTAL INTANGIBLES	1,863,136	1,957,382	65,648	3,786,166
TANGIBLE CO	ISTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL
U Surface Casing	3	9,990	5	3	\$ 9,980
il Intermediale Casing		69,726			69,726
i2 Drilling Liner		-			•
3 Freduction Casing		168,961			168,964
i i Production Liner is Tubing				30,911	30,911
6 Wellhead		- 64,000		48,900	112,900
7 Parkers, Linex Hangers		22,000		7,500	25,500
58 Tanks					
9 Production Vessels					
7) Flow Lines 7. Rud string					-
2 Artificial Lift Equipment				30,000	80,000
Э Сомртения		-	$\overline{}$	- arquito	110,000
4 Installation Costs				35,000	35,000
5 Surface Pumps				5,100	5,7881
6 Downhole Pumps 7 Measurement & Meter Inst.	illation				1,950
A Gas Conditioning / Dehydr					
9 Interconnecting Facility Pip					
O Gathering / Oulk Lines	_				
il Vaives, Dumps, Controllers					
il Vaives, Dumps, Controllers 12 Fank / Facility Containment					
6). Vaives, Dumps, Controllers 62 Tank / Facility Containment 63 Flare Stack				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	711700
il Vaives, Dumps, Controllers 2 Tank / Facility Containment 3 Flare Stack 4 Electrical / Grounding				60,000	60,000
il Vaives, Dumps, Controllers 12 Tank / Facility Containment 13 Flare Stack 14 Dectrical / Grounding 15 Communications / SCADA				60,000	60,000
1 Vaives, Dumps, Controllers 2 Tank / Facility Containment 3 Flare Stack 4 Dectrical / Grounding 5 Communications / SCADA		334,280		60,000 268,261	60,000
1 Vaives, Dumps, Controllers 2 Fank / Facility Containment 3 Flare Stack 4 Dectrical / Grounding 5 Communications / SCADA	i		0		
1 Valves, Dumps, Controllers 2 Fank / Facility Conlainment 3 Flare Stack 4 Electrical / Grounding 5 Communications / SCADA 6 Instrumentation / Satety	TOTAL TANGIBLES >			268,261	602,540
9. Valves, Dumps, Cuntrollters 22 Tank / Facility Cuniarument 33 Flare Stack 44 Bectrical / Grounding 55 Communications / SCADA 66 Instrumentation / Sately	TOTAL TANGIBLES >			268,261	602,540
1 Valves, Dumps, Controllers 2 Fank/ Necdify Conlainment 3 Pare Stack 4 Dectrical / Grounding 5 Communications / SCADA 6 Instrumentation / Sately PARED BY Colgate Energy Drilling Engineer:	TOTAL TANGIBLES >		1,857,382	268,261	602,540
N valves, Dumps, Controllers 2 Iank / Facility Cuntainment 3 Hare Stack 4 Dectrical / Grounding 5 Communications / SCADA 6 Instrumentation / Sately ARED BY Colgate Energy Drilling Engineer: Completions Engineer:	TOTAL TANGIBLES > TOTAL COSTS >			268,261	602,540
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N Valves, Dumps, Controllers 2 Fank / Pacility Conlainment 3 Plare Stack 4 Destrical / Grounding 5 Communications / SCADA 6 Instrumentation / Sately PARED BY Colgate Energy Drilling Engineer: Completions Engineer: Production Engineer: Ite Energy APPROVAL:	TOTAL TANGIBLES > TOTAL COSTS > **E Stowert Segrest Bredy Adams	2,197,415	1,857,382	268, 261 333, 909	602,541 4,388,706
Di Valves, Dumps, Controllers L'Eank/ Facility Containment Thate Stack Di Communications / SCADA Communications / SCADA Instrumentation / Sately PARED BY Colgate Energy Drilling Engineer: Completions Engineer: Production Engineer:	TOTAL TANGIBLES > TOTAL COSTS > Shower Segrent Brady Adams Levi Hannis		1,857,382	268,261	602,540 4,388,706
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D. Valves, Dumps, Controllers 2. Eank / Nacility Conlainment 3. Plare Stack 4. Electrical / Grounding 6. Communications / SCADA 6. Instrumentation / Stately PARED BY Colgate Energy Drilling Engineer: Completions Engineer: Production Engineer: Alte Energy APPROVAC: Co-CEO	TOTAL TANGIBLES > TOTAL COSTS > # Shirwest Segrest Brady Adams Levi Herris	2,197.415 Co-CEC	1,857,382	268, 261 333, 909	602,540 4,388,706
D. Valves, Dumps, Controllers 2. Eank / Nacility Conlainment 3. Plare Stack 4. Electrical / Grounding 6. Communications / SCADA 6. Instrumentation / Stately PARED BY Colgate Energy Drilling Engineer: Completions Engineer: Production Engineer: Alte Energy APPROVAC: Co-CEO	TOTAL TANGIBLES > TOTAL COSTS > Stewart Segrest Brady Adams Levi Plants WH	2,197.415 Co-CEC	1,857,382	268, 261 333, 909	602,540 4,388,706
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1 Valves, Dumps, Controllers 2 Fank/ Necility Conlainment 3 Pare Stack 4 Destrical / Grounding 5 Communications / SCADA 6 Instrumentation / Satety PARED BY Colgate Energy Drilling Engineer: Completions Engineer: Production Engineer: OPERATING PARTNER OPERATING PARTNER	TOTAL TANGIBLES > TOTAL COSTS > Stewar Segrest Bredy Adams Levi Flarats WH BG	2,197,415 Co-CEC VP Geoscience	1,857,382 CRM JW SO	268,261 333,909 VP - Operati	602,540 4,388,706 4,388,706 CRM
N. Valves, Dumps, Controllers 2 Fank / Naclify Cunianment 3 Flare Stack 4 Electrical / Grounding 5 Communications / SCADA 6 Instrumentation / Satety PARED BY Colgate Energy Drilling Engineer: Completions Engineer: Productions Engineer: Productions Engineer: Co-CEO VP - Land & Legal	TOTAL TANGIBLES > TOTAL COSTS > Stewar Segrest Bredy Adams Levi Flarats WH BG	2,197,415 Co-CEC VP Geoscience	1,857,382	268,261 333,909 VP - Operati	602,540 4,388,706 4,388,706 CRM
A Valves, Dumps, Controllers 22 Eark/ Facility Conlainment 33 Plare Stack 44 Dictrical/Grounding 55 Communications/SCADA 66 Instrumentations/SCADA 66 Instrumentations/ScADA 67 Instrumentations/ScADA 68 Instrumentations/ScADA 69 Instrumentations/ScADA 60 Instrumentations/ScADA 60 Instrumentations/ScADA 60 Instrumentations/ScADA 60 Instrumentations/ScADA 61 Instrumentations/ScADA 62 Instrumentations/ScADA 63 Instrumentations/ScADA 64 Instrumentations/ScADA 65 Instrumentations/ScADA 66 Instrumentations/ScADA 66 Instrumentations/ScADA 66 Instrumentations/ScADA 67 Instrumentations/ScADA 67 Instrumentations/ScADA 68 Instrumentations/ScADA 68 Instrumentations/ScADA 68 Instrumentations/ScADA 68 Instrumentations/ScADA 68 Instrumentations/ScADA 68 Instrumentations/ScADA 69 Instrumentations/ScADA 69 Instrumentations/ScADA 60 Instrumentations/ScADA 60 Instrumentations/ScADA 60 Instrumentations/ScADA 60 Instrumentations/ScADA 61 Instrumentations/ScADA 61 Instrumentations/ScADA 62 Instrumentations/ScADA 63 Instrumentations/ScADA 64 Instrumentations/ScADA 65 Instrumentations/ScADA 66 Instrumentations/ScADA 66 Instrumentations/ScADA 67 Instrumentations/ScADA 67 Instrumentations/ScADA 68 Instrumentations/ScADA 68 Instrumentations/ScADA 68 Instrumentations/ScADA 68 Instrumentations/ScADA 68 Instrumentations/ScADA 69 Instrumentations/ScADA 69 Instrumentations/ScADA 60	TOTAL TANGIBLES > TOTAL COSTS > Stewar Segrest Bredy Adams Levi Flarats WH BG	2,197,415 Co-CEC VP Geoscience	1,857,382 CRM JW SO	268,261 333,909 VP - Operati	602,540 4,388,706 4,388,706 CRM
20. Valves, Dumps, Controllers (22. Lank / Facility Containment in Plane Stack) 40. Betrieal / Grounding St Communications / SCADA in Instrumentation / Sately PARED BY Colgate Energy Drilling Engineer: Completions Engineer: Production Engineer: Co-CEO VP Land & Logal OPERATING PARTNER Company Name. Signed by:	TOTAL TANGIBLES > TOTAL COSTS > Stewar Segrest Bredy Adams Levi Flarats WH BG	2,197,415 Co-CEC VP Geoscience	1,857,382 CRM Delta O JW S SO Working Interest (%) Delta	268, 261 333, 909 VP - Operati	692,540 4,388,706 0015 CRM
1 Valves, Dumps, Controllers 2 Tank / Pacifity Containment 3 Pare Stack 4 Destrical / Grounding 5 Communications / SCADA 6 Instrumentation / Satety PARED BY Colgate Energy Drilling Engineer: Completions Engineer: Production Engineer: Production Engineer: OFEO VP Land & Legal OPERATING PARTNER Company Name:	TOTAL TANGIBLES > TOTAL COSTS > Stewar Segrest Bredy Adams Levi Flarats WH BG	Co-CEC VP Geoscience	1,857,382 CRM JW SO Vorking Interest (%)	268,261 333,909 VP - Operati	602,540 4,388,706 4,388,706 CRM

Colgate Energy 303 W, Wall St., Midland TX 797/11 Phone (432) 695-4257 • Fax (402) 695-4063

ESTIMATE OF COSTS	AND AUTHORIZATION	FOR EXPENDITURE

			nomes trice to to the Edit Edit		
DATE:	3/5/2021			AFE NO.:	0
WELLNAME	Klondike 9 State Com 13	33H		FIELD:	Palmillo; Bone Spring
LOCATION:	Parkway			MD/TVD:	13,230 / 8,150
COUNTY/STATE:	Eddy			LATERAL LENGTH:	5,080
Colgate WT:	0.00%			DRILLING DAYS:	19.1
-	3rd Bone Spring			COMPLETION DAYS:	11
				COM BEINGR DATES	
REMARKS:	Drill and Complete 30 s	tages in the 3rd Bone	Spring formation, AFE i	ncludes D&C, Howback &	& initial ESP install.
		DRILLING	COMPLETION	PRODUCTION	TOTAL
INTANGIBLE C	COSTS	COSTS	COSTS	COSTS	COSTS
T Land/Legal/Regulatory		35,000	_	_	\$ 35,000
2 Loration, Surveys & Damage		150,000	13,000	10,000	173,000
4 Freight / Transportation		100,000	33,250	10,000	88,750
5 Kental - Surface Equipment		52,090	117,100	1,640	167,830
6 Rental - Dawnhole Equipme		68,777		4,6940	108,759
	THE STATE OF THE S		10,000		
7 Rental - Living Quarters		33,827	40,300	5,700	79,127
10 Directional Drilling, Surve	ye.	185,950		7.	187,950
21 Dritting		110,911			419,914
12 Orill Hits		91,500			91,५११
13 Fuel & Power		67,171	105,000		167,171
14 Crimenting & Float Equip		155,000			155,000
16 Perforating, Wireline, Slick	line		1.0,230	7(100	141,250
17 High Pressure Pump Truck			10,000	-	10,000
18 Completion Unit, Swab, Cl			60,000	12,040	72,040
20 Mud Circulation System		78,284	54,000	12,040	78,284
ZI Mud Logging		18,219			18,239
22 Logging / Formation Evalua	ition		K,000		
	energiti.	5,171			13,474
23 Mud & Chemicals		87,236	152,000		233,236
24 Wales		28,061	279,884		307,945
25 Stimulation			360,000		360,000
26 Stimulation Flowback & LN			84,000		8-1,000
28 Mud / Wastewater Dispusal		36,938	68,000		164,938
30 Rig Supervision / Engineer		88,987	57,200	9,800	152,987
32 Orlg & Completion Overho		7,163	-		7,163
35 Labor		108,300	25,08AT	10,000	141,500
54 Proppant			210,602		2(0,602
95 Imurance		25,306	a. anguella.		25,306
W Contingency		93,997	86,269	3,968	186,234
20 Plugging & Abandonment		39,390	80,209	3/708	160, 23-1
	52050				
	TOTAL INTANGIBLES >	1,973,934	1,904,655	65,648	3,944,237
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE CO	ISTS	COSTS	COSTS	COSTS	COSTS
80 Surface Casing	-	9,70	·	· ·	\$ 9,900
61 Intermediate Carlog		69,726	·		69,726
62 Orilling Liner		46777 609			07,7,10
63 Production Casing		107.075			481.8%
		184,876		711	184,876
64 Production Liner					
65 Tubing				36,956	36,356
66 Wellhead		61,000		48,933	117,900
67 Packera, Liner Hangers		22,000		3,500	25,500
68 Tanks					
69 Production Vessels					
70 Flow Lines		$\overline{}$			
71 Red string					
72 Artificial Lift Equipment				80000	80,000
73 Compressor				- outro	00,000
73 Compressor 74 Installation Costs					35,000
				35,000	
75 Surface Pumps				5,000	5,000
76 Downhole Pumps				4,950	4,950
77 Mossureinent & Meter Insta		**			
78 Gas Conditioning/ Dehydra					
79 Interconnecting Facility Pipe					-
80 Gathering/Dulk Lines					+
81 Valves, Dumps, Controllers					
#2 Tank / Facility Containment					
83 Flare Stack					
84 Flectrical / Grounding				60,000	60,000
BS Communications / SCADA				10,000	04,000
86 Instrumentation / Salety	TOTAL	-			
	TOTAL TANGIBLES >	350,191	0	273,706	623,897
	TOTAL COSTS >	2,324,125	1,904,655	339,354	4,568,133
PARED BY Colgate Energy	1				
Drilling Engineer:	Steven Segrest				
Completions Engineer:	Brady Adams		CRM		
Production Engineer:	Levi Harris		*****		
connection rangimeer;	CALL BUILDS				
ula Passani A BBB OVIA					
ate Energy APPROVAL:					
Co CEO			CEO	un o	nat bown
Coceo	WH	Co-	CEO	VP -Opts	
	WH		IM.		CRM
VP - Land & Legal		VP - Geoscie	ences		
° -	BG		50		
			1102		
OPERATING PARTNER	APPROVAL:				
Company Name			Working Interest (%)	7	Ган ID.
Signed by:			Date:		
- 1011111111111111111111111111111111111			Dut.	_	
Title			Approval	Yes	No (mark one)
		***************************************		-	
e to MI as assess of red on, as be a serve	d a tribiga og ser sprede kræte fra tredita	e Affreguet Tutory mediana qu	ened pake to 148 par to bilded agree on	or the Parent had been employed becomes	g 654. W.C. the Flatterpoort agrees he per dispusy on a new person of the contract of the cont
the many a galaxies, beginnings and well your to	nder der helme af der gifte, site phot agensting i radie rijnsteins bij der date propriet	dimens orbitals into a serie of	manufactory that and Particular still be	- and the sample of the party o	ers will send and passed bytes of steel

Colgate Energy 303 W. Wall St., Midland TX 79701

DA TETE		COLCUSIO AND AUTHI	PRIZATION FOR EXPEND		
VELL NAME:	3/5/2021 Klendika 9 State Com	THE		AFE NO.;	O Marillar Brons Spring
VELL NAME: .OCATION:	Klondike 9 State Com Parkway	13411		MD/TVD:	13,230 / 8,150
COUNTY/STATE:	Eddy			LATERAL LENGTH:	5,080
Colgate WI:	0.00%			DRILLING DAYS:	19.1
GEOLOGIC TARGET:	3rd Bone Spring			COMPLETION DAYS:	11
REOLOGIC TARGET.	ora pone opting			COMPLETION DATS:	
REMARKS: Drill and Complete		stages in the 3rd Bone Sp	oring formation. AFE incl	ludes D&C, flowback & in	itial ESP install.
INTANGIBLE	COSTS	DRILLING COSTS	COMPLETION	PRODUCTION COSTS	TOTAL COSTS
Land/Legal/Regulatory		150,000	5	,	2 3700
Location, Surveys & Dame Freight / Transportation	agen	150,000 55,500	13,000	10,000	173,000
Rental - Surface Equipmen	nt	52,090	111,700	7,630	167,830
Hentai - Downhole Equipi		68,799	10,000		108,799
Rental - Living Quarters		.55,827	400,000	5,200	79,127
O Directional Drilling, Surt	reys	187,950			187,950
Drilling		319,911			119,911
2 Drift Bits 3 Fuel & Power		91,500			91,500
o ruel & rower I Cementing & Float Equip		62,771	105,000		167,171
s Comenting & ribat equip 6 Perforating, Wireline, Sli		(33,000	133,250	8,000	111,250
High Pressure Fump Tru			10,000	O,UAA	111,000
Completion Unit, Swab,			600000	12,500	72,040
Mod Circulation System		78,781			78,284
Mud Logging		18,739			18,239
2 Logging / Formation Eval	uation	5,171	8,000		13,474
3 Mud & Chemicals 4 Water		81,236	192,000		233,236
4 yvater 5 Stienulation		20,001	379,884		3/17,915
6 Stimulation Flowback &c	Disp		81,000		84,000
Mud/Wastewater Dispu		96,938	- 60000		164,938
0 Rig Supervision / Engine	ring	88,987	57,300	9,800	155,987
2 Drig & Completion Over	head	N193.			7,163
i Labor		100000	23,000	10,000	141,500
I Рторралі 5 Іляціалсе		25,306	210,602		240,602 25,306
7 Contingenry		25,306	86,269	5,968*	186,234
Flugging & Abandonster	M	-			100,234
	TOTAL INTANGIBLES	> 1,973,934	1,904,655	65,648	3,944,237
		DRILLING	COMPLETION	PRODUCTION	TOTAL,
TANGIBLE	COSTS	COSTS	COSTS	COSTS	COSTS
Surface Calling		\$ 9,590	•	3	5 9,990
Intermediate Casing		69,726			69,726
Drilling Liner Production Casing		10/10/20			5011177
Production Casing Production Liner		184,876			184,876
Tubing				36386"	36,356
Wellhead		64,000		48,300	112,900
Parkers, Liner Hangers		22,000		X500	25,300
Tanka		10			*2
Production Vessels					
Flow Lines					5.0
Rud string					-
Artificial Lift Equipment Compressor				80,000	80,000
Installation Costs				35,000	35,000
Surface Pumps				2/000	5,000
Downhole Pumps				4,950	4,950
Measurement & Meter Inc				-	-
Gas Conditioning/ Dehyo					
Interconnecting Facility Pr	purg				
Gathering/Ilulk Lines Valves, Dumps, Controlle	T4			-	-
Tank/Facility Containme				-	
Flare Stack					
Electrical / Grounding				60,000	ONLOSO:
Communications/SCAD	۸.				
lnebrumentation / Safety				*)	
	TOTAL TANGIBLES:		9	273,706	623,897
	TOTAL COSTS	> 2,324,125	1,904,655	339,354	4,568,133
RED BY Colgate Energ	DY:				
Drilling Engineer			CINA		
Completions Engineer			CRM		
Production Engineer	: Levi Harris				
Energy APPROVAL:					
Co-CEC		Co-CE	10	Vo re-	uist.
Un-CEC	'	Co-CE	O	VP Operation	CRM
		VD = C /	,		v.RM
VP_f and f-1	BG.	VP Grossient	es SO		
VP - Land & Legal	1/4		SAJ.		
VP - Land & Legal					
vP - عامل شادورا					
	R APPROVAL:				
VP - Land & Legal PERATING PARTNE Company Name			Working interest (%)	Тих	ID ₁
PERATING PARTNE Company Name			5 One	Тих	D.
PERATING PARTNE			Working Interest (%).	Тих	D

Table of Contents

Exhibit A

Affidavit of Mark Hadjik

OCD Case 22086 (Madera wells) Colgate Operating, LLC

Bate Numbers

1)	Exhibit A Affidavit	1-4
2)	Exhibits 5 through 8	(to be supplemented)
	C-102's	
3)	Exhibit 10	15-16
	Pooled parties	
4)	Exhibit 12	17
	Communication timeline	
5)	Exhibit 14	18-20
	Well Proposal letter	
6)	Exhibit 15	21-24
	AFE's	

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

APPLICATION OF COLGATE OPERATING, LLC FOR COMPULSORY POOLING IN EDDY COUNTY, NEW MEXICO

CASE NO. 22085

APPLICATION OF COLGATE OPERATING, LLC FOR COMPULSORY POOLING IN EDDY COUNTY, NEW MEXICO

CASE NO. 22086

AFFIDAVIT

STATE OF TEXAS)
) 55.
COUNTY OF MIDLAND)

Mark Hajdik, being duly sworn, deposes and states:

- 1. I am over the age of 18, I am a Petroleum Landman for Colgate Operating. LLC, and have personal knowledge of the matters stated herein. I have previously testified before the Oil Conservation Division ("Division") and my credentials as an expert petroleum landman are a matter of record with the Division.
- 2. My area of responsibility of Colgate Operating. LLC includes the area of Eddy County in New Mexico.
 - 3. I am familiar with the applications filed with by Colgate Operating. LLC.
 - 4. I am familiar with the status of the lands that are subject to these applications.
- 5. I submit the following information pursuant to NMAC 19.15.4.12.A(1) in support of the above referenced compulsory pooling applications.
 - 6. In Case 22085 Applicant seeks an order pooling all mineral interests within the West Winchester Bone Spring (Pool Code 97569), underlying the S/2 of Section 9, Township 19 South, Range 28 East, NMPM, Eddy County, New Mexico, on the following wells listed below.

Klondike 9 State Com 123H

This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit L of Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 7,000 feet and TMD of approximately 12,080 feet, and will target the 2nd Bone Spring.

Klondike 9 State Com 124H

This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit M of Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 7,000 feet and TMD of approximately 12,080 feet, and will target the 2nd Bone Spring.

Klondike 9 State Com 133H

This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit L of Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150 feet and TMD of approximately 13,230 feet, and will target the 3rd Bone Spring.

Klondike 9 State Com 134H

This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit M Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150 feet and TMD of approximately 13,230 feet, and will target the 3rd Bone Spring.

Attached hereto as Exhibits 1, 2, 3, and 4 are copies of the C-102s for the foregoing wells, together with associated mapping.

7. In Case 22086 Applicant seeks an order pooling all mineral interests within the West Winchester Bone Spring (Pool Code 97569), underlying the N/2 of Section 9, Township 19 South, Range 28 East, NMPM, Eddy County, New Mexico, on the following wells listed below.

Madera 9 State Com 121H

This proposed well is a horizontal well with a legal surface location in Units A/H of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit D of Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 7,000 feet and TMD of approximately 12,080 feet, and will target the 2nd Bone Spring.

Madera 9 State Com 122H

This proposed well is a horizontal well with a legal surface location in Units A/H of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit D of

Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 7,000 feet and TMD of approximately 12,080 feet, and will target the 2nd Bone Spring.

Madera 9 State Com 131H

This proposed well is a horizontal well with a legal surface location in Units A/H of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit L1 of Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150 feet and TMD of approximately 13,230 feet, and will target the 3rd Bone Spring.

Madera 9 State Com 132H

This proposed well is a horizontal well with a legal surface location in Units A/H of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit E Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150 feet and TMD of approximately 13,230 feet, and will target the 3rd Bone Spring.

Attached hereto as Exhibits 5, 6, 7, and 8 are copies of the C-102s for the foregoing wells, together with associated mapping.

- 7. The parties being pooled and the percent of their interests are shown in Exhibits 9 and 10 for the respective cases. The owners of overriding royalty interests are also identified in Exhibits 9 and 10.
- 8. Colgate Operating LLC have conducted a diligent search of the public records in the county where the wells are located and conducted phone directory and computer searches to locate contact information for parties entitled to notification, and mailed all parties well proposals. A copy of Communication Timeline is attached hereto as Exhibit 12 for both cases.
- 9. In my opinion, Colgate Operating. LLC has made a good faith effort to obtain voluntary joinder of the working interest owners in the proposed wells.
- 10. Exhibits 13 and 14 are copies of proposal letters sent to working interest owners, which were sent in March 2021, for the proposed wells in both cases together with AFEs.
- 11. The proposal letters identified the proposed first and last take points and approximate TVD.

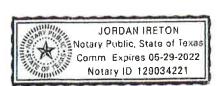
- 12. **Exhibit 15** contains updated and reduced Authorizations for Expenditure for the proposed wells. The estimated cost of the wells set forth therein is fair and reasonable and is comparable to the costs of other wells of similar depths and length drilled in this area of New Mexico. Colgate Operating. LLC requests overhead and administrative rates of \$8,000.00/month for drilling a well and \$800.00/month for a producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this area of Southeastern, New Mexico. Colgate Operating. LLC requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.
- 13. Colgate Operating. LLC requests the maximum cost plus 200% risk charge be assessed against non-consenting working interest owners.
 - 14. Colgate Operating. LLC requests that it be designated operator of the wells.
- 15. The granting of this application is in the interests of conservation and the prevention of waste.

MARK HADJIK

SUBSCRIBED AND SWORN to before me this 2 day of August, 2021, by MARK HADJIK on behalf of Colgate Operating. LLC.

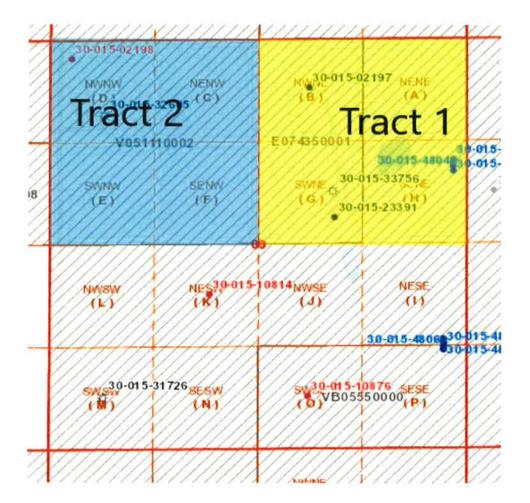
My Commission Expires:

Notary Public



WIOWNER	TRACT	NET	WI	FORCE POOL INTEREST
Colgate Production, LLC	1, 2	130.799	40.87%	Operator
CM Resources, LLC (Northern Oil and Gas)	2	49.4028	15.44%	Executed JOA
Oxy USA WTP, LP	1, 2	86.5901	27.06%	Yes
Slash Exploration, LP	1	2.5	0.78%	Yes
Harvard Petroleum Company, LLC	1	2.5	0.78%	Yes
Read & Stevens, Inc.	1	0.62496	0.20%	Yes
Anne S. Johnson	1	0.20832	0.07%	Yes
Roy G. Barton, Jr., Trustee of the Roy G. Barton, Sr., and Opal Barton Trust u/t/a dated 1/28/1982	1	0.62496	0.20%	Yes
COG Operating	2	19.2778	6.02%	Yes
ZPZ Delaware I LLC	2	15	4.69%	Yes
D2 Resources, LLC	2	3.43889	1.07%	Yes
Solis Energy, LLC	2	3.43889	1.07%	Yes
WPX Energy Permian, LLC	2	3.19444	1.00%	Yes
Penroc Oil Corp	2	2.4	0.75%	Yes

NMSLO Record Title	
Marathon Oil Permian LLC	
Occidental Permian LTD	
WPX ENERGY PERMIAN, LLC.	
 WEA ENERGY FERMIAN, LEC.	



Communication Timeline

March, 2021 – Revised proposals sent for Madera 9 State Com wells

January - Present, 2021 – Ongoing discussions of trade proposals and other deal structures to acquire Oxy's interest and Concho's interest in separate discussions

Various Dates – Discussed offers to acquire small interest owners in section, most did not respond to offers

August - Present, 2020 - Finalizing plans to acquire Devon's interest

March, June, July, 2021 – Kept Slash Energy apprised of revised plans and potential participation from them

June 2021 - CM Resources, LLC executed JOA covering these wells

August 3, 2021 – As of this date a number of the parties have not reached final resolution with participation nor have the deals to acquire finalized



OXY Y-1 Company 5 Greenway Plaza Houston, TX 77046

Via Certified Mail March 5, 2021

RE: Madera 9 State Com Well Proposals

N/2 of Sec. 9, T19S-28E, Bone Spring Formation

Eddy County, New Mexico

To whom it may concern:

Colgate Production, LLC ("Colgate"), hereby proposes the drilling of four (4) wells, the Madera 9 State Com 121H, 122H, 131H, and 132H at the following approximate locations:

Madera 9 State Com 121H

SHL: To be located at a legal location in Units A/H of Section 9-19S-28E

BHL: To be located at a legal location in Unit D Section 9-19S-28E

TVD: ~7,000'

TMD: Approximately 12,080'
Targeted Interval: 2nd Bone Spring
Total Cost: See attached AFE

Madera 9 State Com 122H

SHL: To be located at a legal location in Units A/H of Section 9-19S-28E BHL: To be located at a legal location in Unit E of Section 9-19S-28E

TVD: ~7,000'

TMD: Approximately 12,080'
Targeted Interval: 2nd Bone Spring
Total Cost: See attached AFE

Madera 9 State Com 131H

SHL: To be located at a legal location in Units A/H of Section 9-19S-28E BHL: To be located at a legal location in Unit D of Section 9-19S-28E

TVD: ~8,150'

TMD: Approximately 13,230'
Targeted Interval: 3rd Bone Spring
Total Cost: See attached AFE

Madera 9 State Com 132H

SHL: To be located at a legal location in Units A/H of Section 9-19S-28E BHL: To be located at a legal location in Unit E of Section 9-19S-28E

TVD: ~8,150'

TMD: Approximately 13,230'
Targeted Interval: 3rd Bone Spring
Total Cost: See attached AFE

The locations, TVD's, and targets are approximate and subject to change depending on surface or subsurface issues encountered. Colgate is proposing to drill these wells under the modified terms of the 1989 AAPL Operating Agreement and a form of said Operating Agreement will be forwarded to you following your receipt of your election to participate. The Operating Agreement will have the following general provisions:

- -100%/200%/200% non-consent provisions
- \$8,000/\$800 drilling and producing rates
- Colgate Operating, LLC named as Operator

Please indicate your election to participate in the drilling and completion of the proposed wells in the space provided below. Please sign and return one copy of this letter, a signed copy of the previously proposed AFE, and your geologic well requirements.

Colgate will apply to the New Mexico Oil Conservation Division for compulsory pooling of your interest into a spacing unit for the proposed well, should we not reach an agreement within 30 days of the date of this letter. If you do not wish to participate Colgate would be interested in acquiring your interest in the subject lands.

If you have any questions regarding this matter, please give me a call at 432-257-3886 or via email at mhajdik@colgateenergy.com.

Sincerely,

//w/////Lt.
Mark Hajdik

Senior Landman

Colgate Energy 300 N. Marienfeld St. Suite 1000 Midland, TX 79701

Enclosures

Well Elections
I/We hereby elect NOT to participate in the Madera 9 State Com 121H.
I/We hereby elect to participate in the Madera 9 State Com 122H.
I/We hereby elect NOT to participate in the Madera 9 State Com 122H.
I/We hereby elect to participate in the Madera 9 State Com 131H.
I/We hereby elect to participate in the Madera 9 State Com 131H.
I/We hereby elect to participate in the Madera 9 State Com 132H.
I/We hereby elect NOT to participate in the Madera 9 State Com 132H.

Working Interest Owner:	
Printed Name:	

Date: _____

Colgate Energy

	ESTIMATE	Phone (432) 695-4257 • OF COSTS AND AUTHO	PRIZATION FOR EXPEND	ITURE	
ATE	3/5/2021			AFE NO.:	0
WELL NAME:	Madera State 9 Com 12	1H			almillo; Bone Spring
OCATION:	Parkway			MD/TVD:	12080 / 7000
COUNTY/STATE:	Eddy			LATERAL LENGTH:	5,080
Colgate WI:	0.00%			DRILLING DAYS:	17.25
GEOLOGIC TARGET:	2nd Bone Spring			COMPLETION DAYS:	11
EN (A DVG	5			÷	STATEMENT OF THE
EMARKS:	Drill and Complete 30 s			ludes D&C, flowback & i	
INTANGIBL	E COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
Land/Legal/Regulatory		S 35,000	5	5	\$ 35,000
Location, Surveys & Dan	1ages	150,000	13,000	10,000	173,000
Freight / Transportation Kental - Surface Equipm		55,500	33,250	17.00	88,750 163,254
Kental - Downhole Equip		68,799	111,100	4,640	108,799
Rental - Living Quarters		31,707	40,100	5,200	77,007
0 Directional Drilling, Su	rveys	164,900			164,900
1 Drilling		417,959			417,959
2 Drill Bits		81,000	101		81,000
3 Fuel & Power 4 Cementing & Float Equ	in	56,149 155,000	105,000		161,149 155,000
s Cementing & Float Equ 6 Perforating, Wireline, S		133,000	133,250	8,000	141,250
7 High Pressure Pump Tr			10,000	0,000	10,000
8 Completion Unit, Swab	, CIU	construction of the second	60,000	12,040	72,040
0 Mud Circulation System	1	72,290			72,290
1 Mud Logging	1	16,685			16,685
2 Logging / Formation Ev.	auation	4,216	8,000		12,216
3 Mud & Chemicals 4 Water		74,396 27,898	152,000 261,596		226,396 289,494
5 Stimulation		27,078	360,000		360,000
6 Stimulation Flowback &	z Disp		84,000		84,000
8 Mud/Wastewater Disp	osal	96,938	68,000		164,938
0 Rig Supervision / Engla		80,368	57,200	9,800	147,368
2 Drlg & Completion Ove	rhead	6,469	-		6,469
5 Labor		108,500	23,000	10,000	T-11,500
4 Proppant 5 Insurance		23,128	213,868		213,868 23,128
7 Contingency		88,721	84,018	5,968	178,707
9 Plugging & Abandonm	ent				2.0,707
	TOTAL INTANGIBLES	> 1,863,135	1,857,382	65,648	3,786,166
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE	COSTS	COSTS	COSTS	COSTS	COSTS
Surface Casing	-	5 9,590	5	3	5 9,590
Intermediate Casing		69,726	0-		69,726
Drilling Liner Production Casing		168,964			168,964
Production Liner		100,704			100,001
Tubing		P.		30,911	30,911
Wellhead		64,000		48,900	112,900
Packers, Liner Hangers		22,000	•	3,500	25,500
Tanks		- T			E
Production Vessels					
Flow Lines Rod string					
. Kou sunng ! Artificial Lift Equipmen	ıt			80,000	80,000
Compressor				00,000	50,000
I Installation Costs				35,000	35,000
Surface Pumps				5,000	5,000
6 Downhole Pumps		181		4,950	4,950
7 Measurement & Meter I		13			
8 Gas Conditioning/Deh 9 Interconnecting Facility	yaranon Pining				-
Gathering / Bulk Lines	- ·r • · · · · · · · · · · · · · · · · ·	7	-		-
Valves, Dumps, Control	lers		-	7	
Tank / Facility Contains			-		* E
3 Flare Stack			7		-
Electrical / Grounding				60,000	60,000
Communications / SCA					
f Instrumentation / Safety	TOTAL TANGIBLES	> 334,280	- 0	268,261	602,540
	TOTAL COSTS		1,857,382	333,909	4,388,706
	101AL C0515 2	2,177,913	1,037,302	333,707	4,300,700
ARED BY Colgate End	ergy:				
Drilling Engine	er: Steven Segrest				
Completions Engine			CRM		
Production Engine					
te Energy APPROVA				2000-04 m	
Co-Cl	WH WH	Co-CE	EO	VP - Operati	CRM
		VP - Geoscieno			CINI
VP - Land & Los	BG	T. Samuella	SO		
VP - Land & Leg					
VP - Land & Leg					
	TR ANNO COLUM				
VP - Land & Leg	ER APPROVAL:				
			Working Interest (%):	Tax	ID:

Title: Approval: Yes No (mark one)

The new on this NFT or a section as only only on a bit in contract to indige on any specific principles principle of a standard and a standard and a section of displayers. Taking production aggreed under the MFT on a bid and displayers a section and the approach and codes under the transport of the standard and a section principles and a standard and a section of the standard and a section production and a section principles and a standard and a section principles are a section principles.

Colgate Energy W. Wall St., Midland TX 79

	ESTIMATI	OF COSTS AND AUTHO	ORIZATION FOR EXPEND	DITURE	
DATE:	3/5/2021			AFE NO.:	0
WELL NAME:	Madera State 9 Com 12	2H		FIELD:	Palmillo; Bone Spring
LOCATION:	Parkway			MD/TVD:	12080 / 7000
COUNTY/STATE:	Eddy			LATERAL LENGTH:	5,080
Colgate WI:	0,00%			DRILLING DAYS:	17,25
GEOLOGIC TARGET:	2nd Bone Spring			COMPLETION DAYS:	11
REMARKS:	Drill and Complete 30	stages in the 2nd Bone S	pring formation. AFE inc	rludes D&C, flowback &	initial ESP install
INTANGIBLI	COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL
Land/Legal/Regulatory	COSTS	\$ 35,000	5	5	\$ 35,000
2 Location, Surveys & Dam	ages	150,000	13,000	10,000	173,000
4 Freight / Transportation		55,500	33,250		88,750
5 Rental - Surface Equipme		47,514	111,100	4,640	163,254
6 Kental - Downhole Equip	ment	68,799	40,000		108,799
7 Rental - Living Quarters 10 Directional Drilling, Sur	Late	31,707 164,900	40,100	5,200	77,007 164,900
11 Drilling	· cy s	417,959			417,959
12 Drill Bits		81,000			81,000
13 Fuel & Power		56,149	105,000		161,149
14 Cementing & Float Equi		155,000			155,000
6 Perforating, Wireline, SI			133,250	8,000	1-11,250
7 High Pressure Pump Tru			10,000	*******	10,000
18 Completion Unit, Swab, 20 Mud Circulation System	CIU	72,290	60,000	12,040	72,040 72,290
20 Mud Carculation System 21 Mud Logging		16,685			16,685
22 Logging / Formation Eva	luation	4,216	8,000		12,216
23 Mud & Chemicals		74,396	152,000		226,396
4 Water		27,898	261,596		289,494
25 Stimulation			360,000		360,000
26 Stimulation Flowback &		-	81,000		84,000
8 Mud / Wastewater Dispo		96,938	68,000	1.	164,938
0 Rig Supervision / Engine		80,368	57,200	9,800	147,368
2 Drlg & Completion Over 5 Labor	nead	6,469	N7 1994	300 0000	6,469
4 Proppant		108,500	23,000	10,000	141,500 213,868
5 Insurance		23,128	243,000	2	213,368
7 Contingency		88,721	84,018	5,968	178,707
9 Plugging & Abandonme	nt	7			
	TOTAL INTANGIBLES	> 1,863,135	1,857,382	65,648	3,786,166
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE	COSTS	COSTS	COSTS	COSTS	COSTS
0 Surface Casing of Intermediate Casing		\$ 9,390		,	5 9,390
52 Drilling Liner		69,726			69,726
3 Production Casing		168,964			168,964
A Production Liner		100,701	S		100,704
55 Tubing		-		30,911	30,911
6 Wellhead		64,000		48,900	112,900
57 Packers, Liner Hangers		22,000		3,500	25,500
68 Tanks		75			
9 Production Vessels					
D Flow Lines				¥ 0	
Rod string				POTEN	*
Artificial Lift Equipment Compressor				80,000	80,000
Lompressor Installation Costs				35,000	35,000
Surface Pumps				5,000	5,000
Downhole Pumps				4,950	4,950
Measurement & Meter Ir	stallation	- 1			-,700
Gas Conditioning/Dehy	dration				
Interconnecting Facility	iping				
O Gathering / Bulk Lines					
l Valves, Dumps, Controll			2		
2 Tank / Facility Containm 3 Flare Stack	EIII				-
Flare Stack LElectrical / Grounding				60,000	60,000
i Electrical / Grounding i Communications / SCAE	Α		<u> </u>	00,000	.00,000
6 Instrumentation / Safety			\$		
,,	TOTAL TANGIBLES	> 334,280	0	268,261	602,540
	TOTAL COSTS		1,857,382	333,909	4,388,706
				·	
PARED BY Colgate Ene					
Drilling Enginee					
Completions Enginee	-		CRM		
Production Enginee	r: Levi Harris				
e Energy APPROVAL	:				
Co-CE		Co-C	FO	VP - Oper	Mirms
Co-CE	WH	Co-C	IW IW	vr - Open	CRM
		VP - Geoscien	ices		CHAN
VD Land & F	- BG	YF - Geoscien	SO		
VP - Land & Leg					
VP - Land & Leg					
	TO A NED CALL				
VP - Land & Leg	ER APPROVAL:				
			Working Interest (%):	т	ax ID:
OPERATING PARTN Company Nam	×			т	ax ID:
OPERATING PARTN	×		Working Interest (%):	T	ax ID:

Ex.15-022

Colgate Energy
303 W. Wall St., Midland TX 79701
Phone (432) 695-4257 • Fax (432) 695-4063
ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

DATE:	3/5/2021			AFE NO.:	0
WELL NAME:	Madera 9 State Com 131.	H			almillo; Bone Spring
LOCATION:	Parkway			MD/IVD:	13,230 / 8,150
COUNTY/STATE:	Eddy			LATERAL LENGTH:	5,080
•	0.00%			DRILLING DAYS:	19.1
GEOLOGIC TARGET:	3rd Bone Spring			COMPLETION DAYS:	11
REMARKS:	Drill and Complete 30 st	ages in the 3rd Bone	Spring formation AFF inc	cludes D&C, flowback & in	itial FSP install
	Din and Complete 50 st	DRILLING	COMPLETION	PRODUCTION	TOTAL
INTANGIBLE C	OSTS	COSTS	COSTS	COSTS	COSTS
Land/Legal/Regulatory	- 5	35,000	5	- 5	\$ 35,000
Location, Surveys & Damage	26	150,000	13,000	10,000	173,000
Freight/Transportation		55,500	33,250		88,750
Rental - Surface Equipment		52,090	111,100	4,640	167,830
Rental - Downhole Equipme	mt	68,799	40,000		108,799
Rental - Living Quarters		33,827	40,100	5,200	79,127
Directional Drilling, Surve	Va	187,950			187,950
1 Drilling	,-	449,914			419,914
2 Drill Bite		91,500	_		91,500
Fuel & Power		62,171	105,000		167,171
Cementing & Float Equip		155,000	100,000		155,000
Perforating, Wireline, Slick	lina	135,000	133,250	8,000	141,250
High Pressure Pump Truck			10,000	NAME OF THE PERSON OF THE PERS	
Completion Unit, Swab, Cl				17000	10,000
		70 707	60,000	12,010	72,040
Mud Circulation System		78,284			78,284
Mud Logging	tion	18,239			18,239
Logging / Formation Evalua	nort	5,474	8,000		13,474
Mud & Chemicals		81,236	152,000		233,236
Water		28,061	2/9,884	3	307,945
Stimulation			360,000		360,000
Stimulation Flowback & Di			84,000	9 = 35	84,000
Mud/Wastewater Disposal		96,938	68,000	200100	164,938
Rig Supervision / Engineer		88,987	57,200	9,800	155,987
2 Drlg & Completion Overhe	ad	7,163			7,163
Labor		108,500	23,000	10,000	141,500
Proppant			240,602		240,602
Insurance		25,306		2	25,306
Contingency		93,997	86,269	5,968	186,234
Plugging & Abandonment					***
	TOTAL INTANGIBLES >	1,973,934	1,904,655	65,648	3,944,237
m.s	otto.	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
TANGIBLE CO	912		C0919	COSTS	
Surface Casing	5	9,390	•		\$ 9,390
Intermediate Casing		69,726			69,726
Drilling Liner					F
Production Casing		184,876			184,876
Production Liner			9		Q was process
lubing		P.		36,356	36,356
Wellhead		61,000		-18,900	112,900
Packers, Liner Hangers		22,000		3,500	25,500
Tanks			-		-
Production Vessels		-			
Flow Lines		TA.		-	-
Rod string				-	
Artificial Lift Equipment				80,000	80,000
Compressor					
Installation Costs				35,000	35,000
Surface Pumps				5,000	5,000
Downhole Pumps				1,950	4,950
Measurement & Meter Insta	Illation	18		34507	4,730
Gas Conditioning/Dehydr					
Gas Conditioning / Denyor. Interconnecting Facility Pip					
Gathering / Bulk Lines					
Valves, Dumps, Controllers					
Tank / Facility Containment					
Flare Stack	•				
				- 70.000	
Electrical / Grounding Communications / SCADA				60,000	60,000
Instrumentation / Safety					
o duction / Sarety	Bomis minimum				
	TOTAL TANGIBLES >	350,191	0	273,706	623,897
	TOTAL COSTS >	2,324,125	1,904,655	339,354	4,568,133
ARED BY Colgate Energy					
Drilling Engineer:	Steven Segrest		- 2		
Completions Engineer:	Brody Adams		CRM		
Production Engineer:	Levi Harris				
0					
Energy APPROVAL:					
		Co-f	CEO	VP - Operation	
te Energy APPROVAL:		C.O V			CRM
Co-CEO	WH		JW		
		VP - Geoscie			
	WH BG				
Co-CEO			nces		
Co-CEO VP - Land & Legal	BG		nces		
Co-CEO VP - Land & Legal OPERATING PARTNER	BG		SO SO		
Co-CEO VP - Land & Legal	BG		nces	Tax :	ID:
Co-CEO VP - Land & Legal DPERATING PARTNER Company Name:	BG		SO Working Interest (%):	Tax	ID:
Co-CEO	BG		SO SO	Tax	ID:
Co-CEO VP - Land & Legal DPERATING PARTNER Company Name:	BG		SO Working Interest (%):	Tax:	ID:

Colgate Energy 303 W, Wall St. , Midland TX 79701 Phone (432) 695-4257 • Fax (432) 695-4063

	ESTIMATE	DE COSTS AND AUTH	ORIZATION FOR EXPEND	JITUKE	
DATE	3/5/2021			AFE NO.:	0
WELL NAME:	Madera 9 State Com 132	Н			almillo; Bone Spring
LOCATION:	Parkway			MD/IVD:	13,230 / 8,150
COUNTY/STATE:	Eddy			LATERAL LENGTH:	5,080
Colgate WI:	0.00%			DRILLING DAYS:	19.1
GEOLOGIC TARGET:				_	11
SECTION CONTROLS	3rd Bone Spring			COMPLETION DAYS:	- 11
REMARKS:	Drill and Complete 30 sta			ludes D&C, flowback & in	
INTANGIBLE	COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
T Land/Legal/Regulatory	5	35,000	\$	5	\$ 35,000
2 Location, Surveys & Dama	ages	150,000	13,000	10,000	173,000
4 Freight / Transportation 5 Kental - Surface Figurings	nt.	55,500	33,250	1730	88,750
5 Kental - Surface Equipment 6 Kental - Downhole Equipment		52,090 68,799	40,000	1,640	167,830 108,799
7 Rental - Living Quarters		33,827	10,100	5,200	79,127
10 Directional Drilling, Surv	veys	187,950		3,200	187,950
11 Drilling	•	419,911	\		119,911
12 Drill Bits		91,500			91,500
13 Fuel & Power		62,171	105,000		167,171
14 Cementing & Float Equip		155,000		0.7000	155,000
16 Perforating, Wireline, Slic 17 High Pressure Pump True			133,250	8,000	141,250
18 Completion Unit, Swab,			60,000	12,040	72,040
20 Mud Circulation System		78,281	CHARACT	12,040	78,284
21 Mud Logging		18,239	-		18,239
22 Logging / Formation Eval	uation	5,474	8,000		13,474
23 Mud & Chemicals		81,236	152,000		233,236
24 Water		28,061	279,884		307,945
25 Stimulation 26 Stimulation Flowback &	Dian		368,000		360,000
28 Mud / Wastewater Dispos		96,938	68,000		84,000 164,938
30 Rig Supervision / Engine		88,987	57,200	9,800	155,987
32 Drlg & Completion Over		7,163	W. anni	7/0/6/	7,163
35 Labor		108,500	23,000	10,000	141,500
54 Proppant			210,602		240,602
95 Insurance		25,306			25,306
97 Contingency		93,997	86,269	5,968	186,234
99 Plugging & Abandonmer					
	TOTAL INTANGIBLES >	1,973,934	1,904,655	65,648	3,944,237
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE C	COSTS	COSTS	COSTS	COSTS	COSTS
60 Surface Casing	5	9,590	5	5	s 9,590°
61 Intermediate Casing		69,726			69,726
62 Drilling Liner 63 Production Casing		184,876			184,876
64 Production Liner		104,070		-	104,076
65 Tubing		-		36,356	36,356
66 Wellhead		64,000		48,900	112,900
67 Packers, Liner Hangers		22,000		3,500	25,500
68 Tanks		*		8	
69 Production Vessels					
70 Flow Lines					
71 Rod string 72 Artificial Lift Equipment				шатын	80,000
72 Arturciai Lut Equipment 73 Compressor			4	80,000	80,000
74 Installation Costs	,			35,000	35,000
75 Surface Pumps				5,000	5,000
76 Downhole Pumps		5+7		4,950	4,950
77 Measurement & Meter Inc				-	
78 Gas Conditioning / Dehye					-
79 Interconnecting Facility P 80 Gathering / Bulk Lines	iputg				
80 Gathering / Bulk Lines 81 Valves, Dumps, Controlle	ers.				
82 Fank / Facility Containme					
83 Flare Stack				-	
84 Electrical / Grounding	//2			60,000	60,000
85 Communications / SCAD	A		-	7)	(3)
86 Instrumentation / Safety					
	TOTAL TANGIBLES >	350,191	0	273,706	623,897
	TOTAL COSTS >	2,324,125	1,904,655	339,354	4,568,133
PARED BY Colgate Energ	gy:				
Drilling Engineer					
Completions Engineer			CRM		
Production Engineer	: Levi Harris				
esta Fasson A BBB OV					
gate Energy APPROVAL:					
Co-CEC	0	Co-C	EO	VP - Operation	ons
	WH		JW		CRM
VP - Land & Lega	1	VP - Geoscier	ices		
Ü	BG		SO		
N OPERATING PARTNE	R APPROVAL:				
Company Name	:		Working Interest (%):	Tax	ID:
					5
Signed by			Date:		
_				7	1
Title			Approval:	Yes	No (mark one)
vertica AEE are commercially and may not be seen	arrord as embrys on are specific ment at the total ow	ed Bejoget. Taking mediana aya	and sade to AFE our to delicate space are a	the the rest has been easylated, be restaining the	OE the Contribute agrees began to perfe
, legal, common, regulations, tenderings and east ou	on under the rooms of the applicable pare operating a	gramment, regulatory within in other agree	ment carrying the well. Participant shall be your	roughter and follow proportions and the Chies cook a re	one present and general fedular revisioner's

Table of Contents

Exhibit B

Affidavit of Sergio Ojeda

OCD Case 22085 (Klondike) OCD Case 22086 (Madera) Colgate Operating, LLC

	Bate Numbers
1) Exhibit B Affidavit	1-4
2) Exhibit B1-Cover Page	5
Geology Study	
3) Exhibit B1.1	6
Regional Locator Map	
4) Exhibit B1.2	7
Cross-Section Locator Map	
5) Exhibit B1.3	8
Gun Barrel Development	
6) Exhibit B1.4	9
SBSG Structure Map	
7) Exhibit B1.5	10
SBSG Isopach Map	
8) Exhibit B1.6	11
TBSG Structure Map	
9) Exhibit B1.7	12
TBSG Isopach Map	
10) Exhibit B1.8	13
Stratigraphic Cross Section	
11) Exhibit B1.9	14
Cross-Section A-A (SBS)	*
12) Exhibit B1.10	15
Cross-Section A-A (TBS	G)

Table of Contents

Exhibit B

Affidavit of Sergio Ojeda

OCD Case 22085 (Klondike) OCD Case 22086 (Madera) Colgate Operating, LLC

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7) Exhibit 1.5	10
SBSG Isopach Map	
8) Exhibit 1.6	11
TBSG Structure Map	
9) Exhibit 1.7	12
TBSG Isopach Map	
10) Exhibit 1.8	13
Stratigraphic Cross Section	
11) Exhibit 1.9	14
Cross-Section A-A (SBS)	,
12) Exhibit 1.10	15
Cross-Section A-A (TBS)	G)

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

APPLICATION OF COLGATE OPERATING, LLC FOR COMPULSORY POOLING IN EDDY COUNTY, NEW MEXICO

CASE NO. 22085

APPLICATION OF COLGATE OPERATING, LLC FOR COMPULSORY POOLING IN EDDY COUNTY, NEW MEXICO

CASE NO. 22086

<u>AFFIDAVIT</u>

STATE OF TEXAS)	
)	SS
COUNTY OF MIDLAND)	

SERGIO OJEDA, being duly sworn, deposes and states:

- 1. I am over the age of 18, I am a Geologist for Colgate Operating, LLC and have personal knowledge of the matters stated herein. I have been qualified by the Oil Conservation Division ("Division") as an expert petroleum geologist.
- 2. **Exhibit 1** is a geology study I prepared for the Klondike 9 State Com Wells Nos. 123H, 124H, 133H, and 134H to test the 2nd and 3rd Bone Spring Sands underlying the S/2 of Section 9; and the Madera 9 State Com Well Nos. Well Nos. 121H, 122H, 131H and 132H, all in Township 19 South, Range 28 East, NMPM, Eddy County, New Mexico. The study includes:
 - a. Exhibit 1.1 is a Regional Locator Map identifying the Klondike & Madera project area, in proximity to the Capitan Reef within the Delaware Basin, for the Bone Spring horizontal spacing units that are the subject of these applications.
 - b. Exhibit 1.2 is a Cross-Section Locator Map. This map identifies the cross-section running from A-A' with the cross-section well names and a black line in

proximity to the Proposed Wells. It also identifies the Proposed Wells with well names and red or orange lines.

- c. Exhibit 1.3 is a Gunbarrel/Lateral Trajectory Diagram. This diagram identifies the wells within the Klondike & Madera development plan. It displays the Madera 9 State Com 121H, 122H, and the Klondike 9 State Com 123H & 124H wells in the Second Bone Spring formation with orange circles. The Madera 9 State Com 131H, 132H, and the Klondike 9 State Com 133H & 134H wells are in the Third Bone Spring formation with red circles. The proposed units are identified together in green in the reference map in the bottom right.
- d. Exhibit 1.4 is a Second Bone Spring Structure map on the base of the Second Bone Spring formation. This map identifies the Madera 9 State Com 121H, 122H, and the Klondike 9 State Com 123H, & 124H wells with an orange line. It also identifies the location of the cross-section running from A-A' in proximity to the Proposed Wells. This map shows that the structure slightly dips to the East-Southeast.
- e. Exhibit 1.5 is a Second Bone Spring Isopach Map. It shows the gross thickness of the Second Bone Spring interval ranges from 25 ft to 125 ft and is no less than 75 ft across the proposed unit. This map identifies the Madera 9 State Com 121H, 122H, and the Klondike 9 State Com 123H, & 124H wells with an orange line. It also shows the location of cross-section A-A' in proximity to the Proposed wells. f. Exhibit 1.6 is a Third Bone Spring Structure Map on the top of the Third Bone Spring formation. This map identifies the Madera 9 State Com 131H, 132H, and the Klondike 9 State Com 133H, & 134H wells with red lines. It also identifies

the location of the cross-section running from A-A' in proximity to the Proposed Wells. This map shows that the structure slightly dips to the East-Southeast.

- g. Exhibit 1.7 is a Third Bone Spring Isopach Map. It shows the gross thickness of the Third Bone Spring interval ranges from 200 ft to 475 ft, and is uniform across the proposed unit at 400 ft. This map identifies the Madera 9 State Com 131H, 132H, and the Klondike 9 State Com 133H, & 134H wells with red lines. It also shows the location of cross-section A-A' in proximity to the Proposed Wells.
- h. Exhibit 1.8 is a Stratigraphic Cross Section hung on the top of the Wolfcamp formation. The well logs on the cross-section give a representative sample of the Bone Spring formation in the area. The target zones for the Proposed Wells are the Second and Third Bone Spring formations, which are consistent across the units. The planned well-path for the Proposed Wells are indicated by orange and red dashed lines.
- i. Exhibit 1.9 is a detailed view of the Target Zone within Stratigraphic Cross Section for the Madera 9 State Com 121H, 122H, and the Klondike 9 State Com 123H, & 124H wells. The target zone for the well is the Second Bone Spring Formation, and that zone is consistent across the unit. The planned well-path is indicated by an orange dashed line.
- j. Exhibit 1.10 is a detailed view of the Target Zone within Stratigraphic Cross Section for the Madera 9 State Com 131H, 132H, and the Klondike 9 State Com 133H, & 134H wells. The target zone for the well is the Third Bone Spring Formation, and that zone is consistent across the unit. The planned well-path is indicated by a red dashed line.

Proposed Wells. This map shows that the structure slightly dips to the East-Southeast,

- g. Exhibit 1.7 is a Third Bone Spring Isopach Map. It shows the gross thickness of the Third Bone Spring interval ranges from 200 ft to 475 ft, and is uniform across the proposed unit at 400 ft. This map identifies the Madera 9 State Com-13111, 13211, and the Klondike 9 State Com 13311, & 13411 wells with red lines. It also shows the location of cross-section A-A' in proximity to the Proposed Wells.
- h. Exhibit 1.8 is a Stratigraphic Cross Section hung on the top of the Wolfcamp formation. The well logs on the cross-section give a representative sample of the Hone Spring formation in the area. The target zones for the Proposed Wells are the Second and Third Bone Spring formations, which are consistent across the units. The planned well-path for the Proposed Wells are indicated by orange and red dashed lines.
- i. Exhibit 19 is a detailed view of the Target Zone within Stratigraphic Cross Section for the Madera 9 State Com 121H, 122H, and the Klondike 9 State Com 12311, & 124H wells. The target zone for the well is the Second Bone Spring Formation, and that zone is consistent across the unit. The planned wellpath is indicated by an orange dashed line.
- j. Exhibit 1.10 is a detailed view of the Target Zone within Stratigraphic Cross Section for the Madera 9 State Com 131H, 132H, and the Klondike 9 State Com 13311, & 134H wells. The target zone for the well is the Third Bone Spring Formation, and that zone is consistent across the unit. The planned well-path is indicated by a red dashed line.
- I conclude from the foregoing exhibits for the Klondike and Madera wells that:
- a. The horizontal spacing units are justified from a geologic standpoint.
- b. There are no structural impediments or faulting that will interfere with horizontal development.
- c. Each quarter section encountered by each of the wells in the proposed unit will contribute more or less equally to production,
- In my opinion, the granting of Colgate Operating's applications are in the interests of conservation and the prevention of waste.

SERGIO OJEDA

SUBSCRIBED AND SWORN to before me this day of August, 2021 by Sergio Ojeda Sersio Ojeda Karnym Hanson

on behalf of Colgate Operating, LLC.

Commission Expires

Notary Public

KATHRYN HANSON Notary Public, State of Texas Comm. Expires 08-18-2021

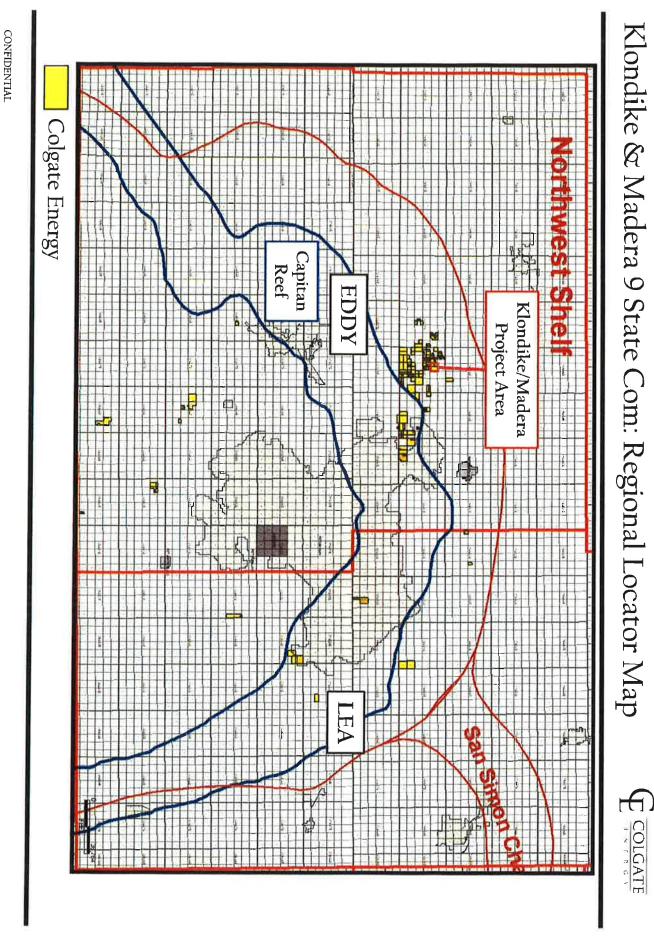
Notary ID 131250643

Ex.B-004

Z П

PDU: Klondike 9 State Com & Madera 9 State Com Pooling 8/3/2021

Ex.B-1-005



Ex.B-1.1-006

Ex.B-1.2-007

Klondike & Madera 9 State Com Gun Barrel Development

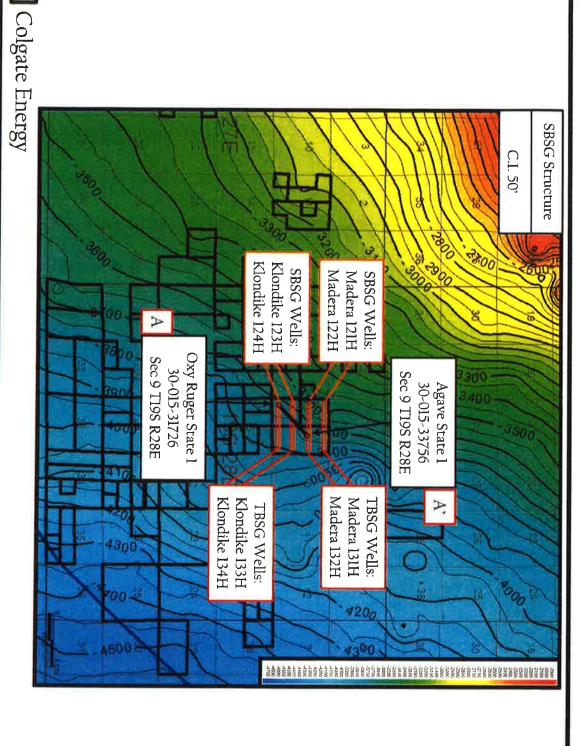
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(1)

COLGATE

Klondike & Madera 9 State Com: SBSG Structure Map

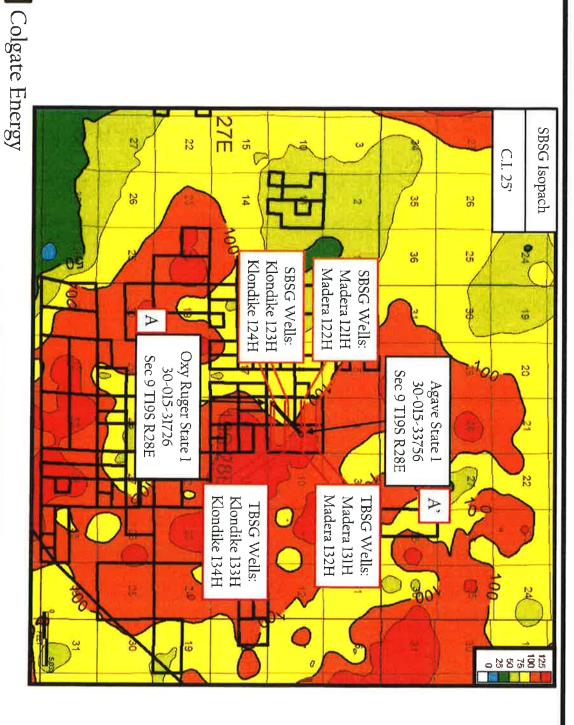




Ex.B-1.4-009

Klondike & Madera 9 State Com: SBSG Isopach Map



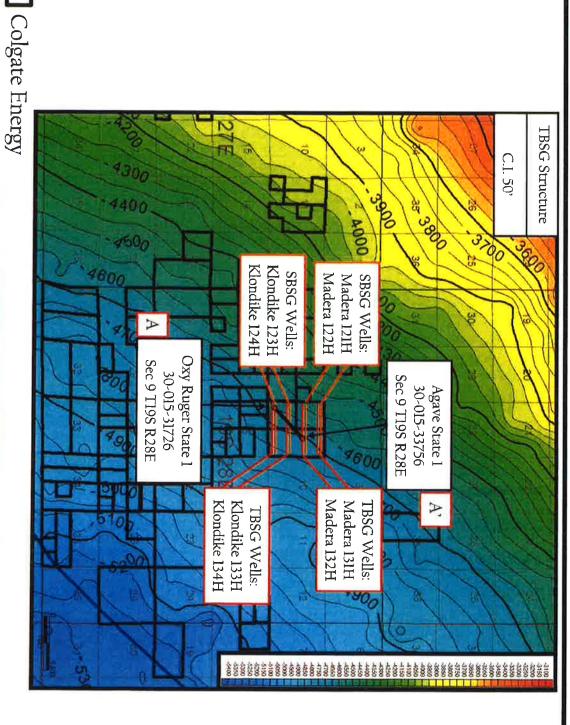




Ex.B-1.5-010

Klondike & Madera 9 State Com: TBSG Structure Map



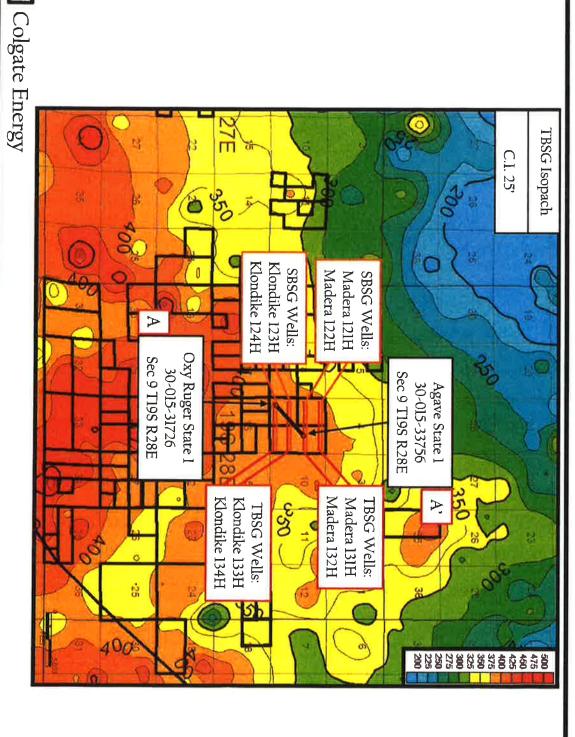




Ex.B-1.6-011

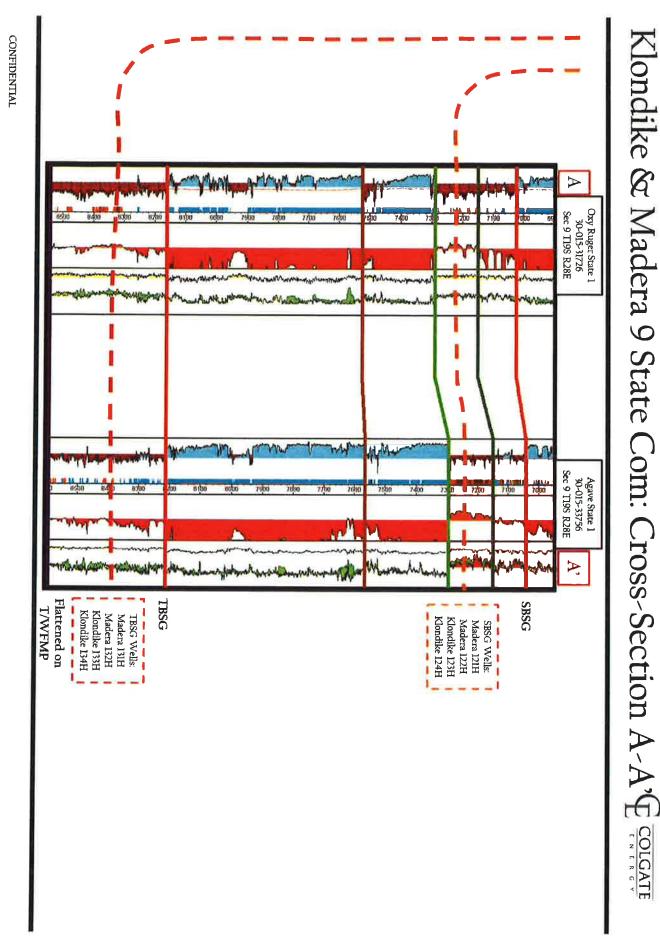
Klondike & Madera 9 State Com: TBSG Isopach Map



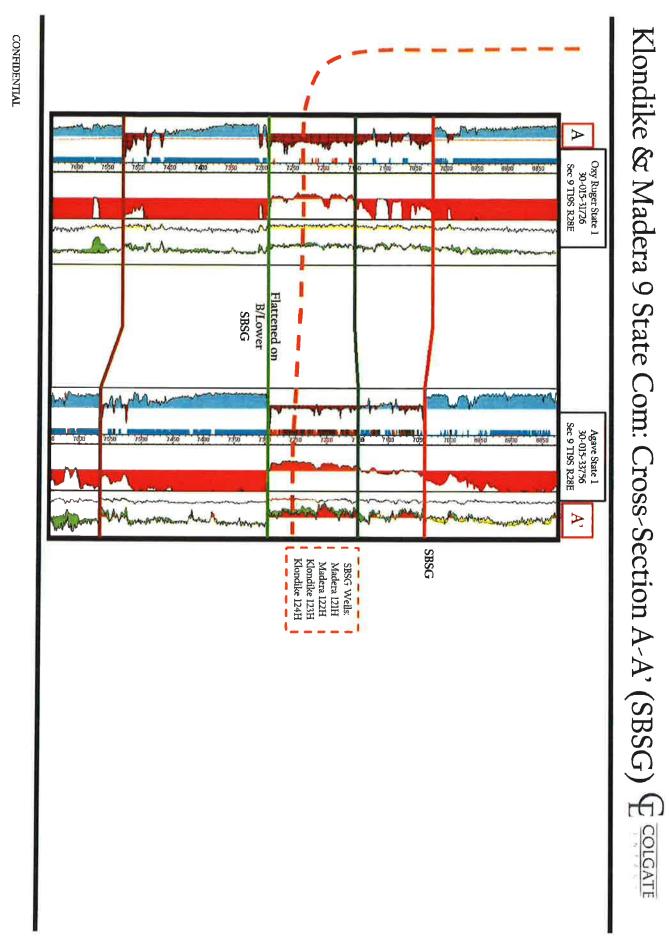




Ex.B-1.7-012



Ex.B-1.8-013



Klondike & Madera 9 State Com: Cross-Section A-A' (TBSG) & COLGATE

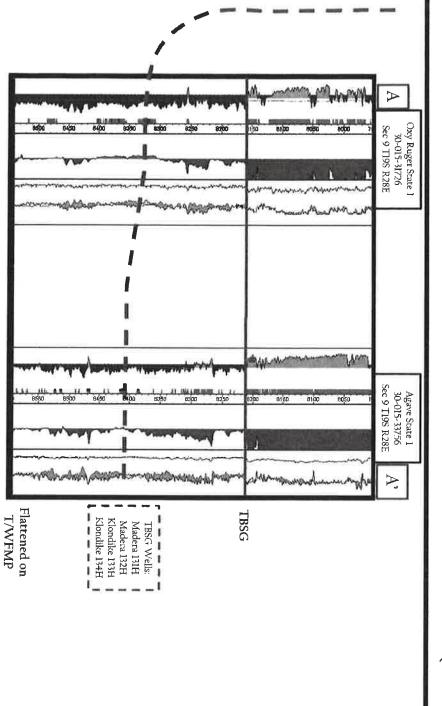


Table of Contents

Exhibit C

Affidavit of ERNEST L. PADILLA

OCD Hearing Thursday, August 5, 2021 OCD Case 22085 and 22086 (Klondike & Madera wells) Colgate Operating, LLC

Bate Numbers 1) Affidavit 2) Notification letter (both cases) 3) Applications (22085 & 22086) 4) WI and ORRI owner listing 5) Certified mail receipt and Return receipt green cards (22085-22086)

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

APPLICATION OF COLGATE OPERATING, LLC FOR COMPULSORY POOLING IN EDDY COUNTY, NEW MEXICO

CASE NO. 22085

APPLICATION OF COLGATE OPERATING, LLC FOR COMPULSORY POOLING IN EDDY COUNTY, NEW MEXICO

CASE NO. 22086

AFFIDAVIT

STATE OF NEW MEXICO }

}ss

}

COUNTY OF SANTA FE

AFFIANT, ERNEST L. PADILLA, first being duly sworn on oath states:

Ernest L. Padilla, attorney for COLGATE OPERATING, LLC, the Applicant herein, states that notice of the above-referenced Application was mailed to the interested parties shown on Exhibit "1" attached hereto in accordance with Oil Conservation Division Rules, and that true and correct copies of the notice letter and proof of notice are attached hereto.

ERMEST L. PADILLA

SWORN TO AND SUBCRIBED to before me this 3rd day of August, 2021, by Ernest L. Padilla.

John B. Ballegy
Notary Public

My Commission Expires:

TELEPHONE

505-988-7577

PADILLA LAW FIRM, P.A.

STREET ADDRESS
1512 S. ST. FRANCIS DRIVE
SANTA FE, NM 87505
MAILING ADDRESS
P.O. BOX 2523
SANTA FE, NEW MEXICO 87504-2523

EMAIL ADDRESS padillalaw@qwestoffice.net padillalawnm@outlook.com FACSIMILE 505-988-7592

July 14, 2021

CERTIFIED MAIL/RETURN RECEIPT REQUESTED

TO: ALL INTEREST OWNERS

Re: NMOCD Case Numbers#22085-22086 In the Matter of the Applications of Colgate Operating, LLC, for compulsory pooling in Eddy County, New Mexico.

Ladies and Gentlemen:

This letter will advise that Colgate Operating, LLC has filed applications with the New Mexico Oil Conservation Division seeking an order for compulsory pooling, in Eddy County, New Mexico as referenced above. Copy of these applications are enclosed.

During the COVID-19 Public Health Emergency, state buildings are closed to the public and hearings will be conducted remotely. A status conference hearing will be conducted on August 5, 2021 at 8:15 a.m., at which time a hearing date will be set for a later date. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website: http://www.emnrd.state.nm.us/OCD/announcements.html. Nonetheless, to stay informed as to any changes for hearing procedures you should consult the OCD website for further instructions. You are not required to attend these hearings, but as an owner of an interest or offset operator that may be affected, you may appear and present testimony. Failure to appear at the time and become a party of record will preclude you from challenging these applications at a later time. If you intend to attend the hearing and present testimony or evidence, you must enter your appearance and serve the Division, counsel for the Applicant, and other parties with a pre-hearing statement at least four business days before the scheduled hearing date in accordance with Division Rule 1211.

ERNEST L. PADILLA

ELP:jbg

cc: Colgate Operating, LLC

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

APPLICATION OF COLGATE OPERATING, LLC FOR COMPULSORY POOLING IN EDDY COUNTY, NEW MEXICO

CASE NO. <u>27085</u>

APPLICATION FOR COMPULSORY POOLING

COLGATE OPERATING, LLC (OGRID 371449) applies for an order pooling all mineral interests within the West Winchester Bone Spring (Pool Code 97569), underlying the S/2 of Section 9, Township 19 South, Range 28 East, NMPM, Eddy County, New Mexico. In support of this application, Applicant states:

- 1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.
- 2. Applicant seeks to dedicate the above referenced horizontal spacing unit to the following four initial wells:

Klondike 9 State Com 123H

This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit L of Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 7,000 feet and TMD of approximately 12,080 feet, and will target the 2nd Bone Spring.

Klondike 9 State Com 124H

This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit M of Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 7,000 feet and TMD of approximately 12,080 feet, and will target the 2nd Bone Spring.

Klondike 9 State Com 133H

This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit L of Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150 feet and TMD of approximately 13,230 feet, and will target the 3rd Bone Spring.

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Klondike 9 State Com 134H

This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit M Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150 feet and TMD of approximately 13,230 feet, and will target the 3rd Bone Spring.

- Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all of the working interest owners in the subject spacing unit.
- 4. The requested pooling of interests will avoid the drilling of unnecessary wells, will prevent waste and will protect correlative rights.
- 5. In order to permit Applicant to obtain its just and fair share of the oil and gas underlying the subject lands, all uncommitted interests in this horizontal spacing unit should be pooled and Applicant should be designated the operator of these proposed horizontal wells and the proposed spacing unit.

WHEREFORE, Applicant, requests after notice and hearing, the Division enter its order:

- A. Pooling all uncommitted interests in this horizontal spacing unit:
- B. Approving four initial horizontal wells in this spacing unit;
- C. Designating Applicant operator of this spacing unit and the horizontal wells to be drilled thereon:
- D. Authorizing Applicant to recover its costs of drilling, equipping and completing the wells;
- E. Approving the actual operating charges and costs of supervision while drilling and after completing, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and;
 - F. Imposing a 200% charge for risk assumed by Applicant in drilling and

completing the wells against any working interest owner who does not voluntarily participate in the drilling of the wells.

PADILLA LAW FIRM, P.A.

By: /s/Ernest L. Padilla Ernest L. Padilla P.O. Box 2523

Santa Fe, New Mexico 87504

(505) 988-7577

padillalaw@qwestoffice.net padillalawnm@outlook.com

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

APPLICATION OF COLGATE OPERATING, LLC FOR COMPULSORY POOLING IN EDDY COUNTY, NEW MEXICO

CASE NO. 22086

APPLICATION FOR COMPULSORY POOLING

COLGATE OPERATING, LLC (OGRID 371449) applies for an order pooling all mineral interests within the West Winchester Bone Spring (Pool Code 97569), underlying the N/2 of Section 9, Township 19 South, Range 28 East, NMPM, Eddy County, New Mexico. In support of this application, Applicant states:

- 1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.
- 2. Applicant seeks to dedicate the above referenced horizontal spacing unit to the following four initial wells:

Madera 9 State Com 121H

This proposed well is a horizontal well with a legal surface location in Units A/H of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit D of Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 7,000 feet and TMD of approximately 12,080 feet, and will target the 2nd Bone Spring.

Madera 9 State Com 122H

This proposed well is a horizontal well with a legal surface location in Units A/H of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit D of Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 7,000 feet and TMD of approximately 12,080 feet, and will target the 2nd Bone Spring.

Madera 9 State Com 131H

This proposed well is a horizontal well with a legal surface location in Units A/H of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit L1 of Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150 feet and TMD of approximately 13,230 feet, and will target the 3rd Bone Spring.

Madera 9 State Com 132H

This proposed well is a horizontal well with a legal surface location in Units A/H of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit E Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150 feet and TMD of approximately 13,230 feet, and will target the 3rd Bone Spring.

- Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all of the working interest owners in the subject spacing unit.
- 4. The requested pooling of interests will avoid the drilling of unnecessary wells, will prevent waste and will protect correlative rights.
- 5. In order to permit Applicant to obtain its just and fair share of the oil and gas underlying the subject lands, all uncommitted interests in this horizontal spacing unit should be pooled and Applicant should be designated the operator of these proposed horizontal wells and the proposed spacing unit.

WHEREFORE, Applicant, requests after notice and hearing, the Division enter its order:

- A. Pooling all uncommitted interests in this horizontal spacing unit;
- B. Approving four initial horizontal wells in this spacing unit;
- C. Designating Applicant operator of this spacing unit and the horizontal wells to be drilled thereon;
- D. Authorizing Applicant to recover its costs of drilling, equipping and completing the wells;
- E. Approving the actual operating charges and costs of supervision while drilling and after completing, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and;

F. Imposing a 200% charge for risk assumed by Applicant in drilling and completing the wells against any working interest owner who does not voluntarily participate in the drilling of the wells.

PADILLA LAW FIRM, P.A.

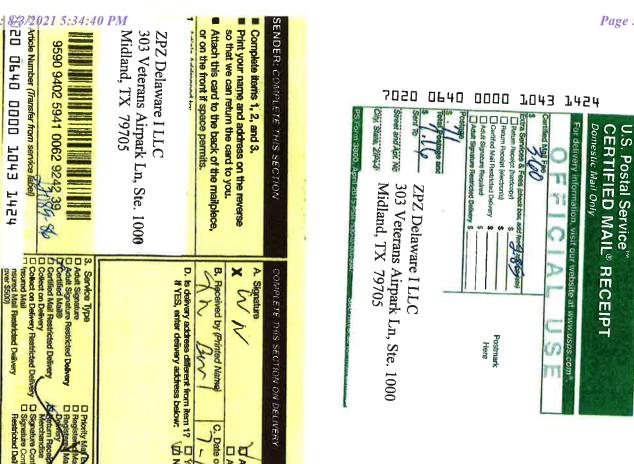
By: /s/Ernest L. Padilla Ernest L. Padilla P.O. Box 2523

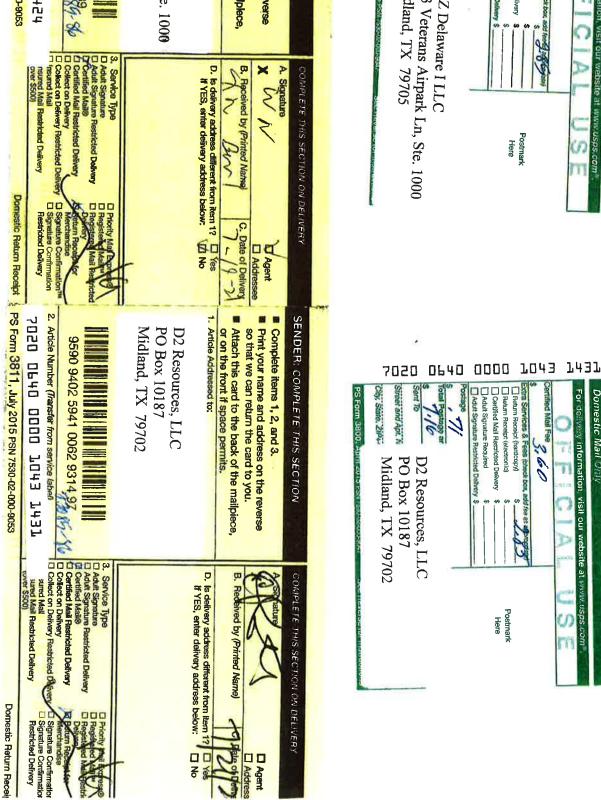
Santa Fe, New Mexico 87504

(505) 988-7577

padillalaw@qwestoffice.net padillalawnm@outlook.com

Solis Energy, LLC P.O. Box 51451 Midland, Texas 79710	ZPZ Delaware I LLC 303 Veterans Airpark Lane Suite 1000 Midland, Texas 75705	D2 Resources, LLC P.O. Box 10187 Midland, Texas 79702	COG Operating LLC 600 West Illinois Avenue Midland, Texas 7970 j	Anne S. Johnson 6529 Highway 42 South Fort Valley, Georgia 31030	Roy G. Barton, Jr., Trustee of the Roy G. Barton, Sr., and Opal Barton Trust ut/ta dated 1/28/1982 1919 North Turner Street Hobbs, New Mexico 88240	Read & Stevens, Inc P.O. Box 1518 Roswell, New Mexico 88202	Harvard Petroleum Company, LLC P.O. Box 936 Roswell, New Mexico 88202	Slash Exploration, LP P.O. Box 1973 Roswell, New Mexico 88202	Oxy USA WTP, LP 5 Greenway Plaza Suite 110 Houston, Texas 77046	WIOWNERLIST
							CM Resources, LLC 300 N Marienfeld Street, Suite 1000 Midland, TX 79701	Perroc Oil Corporation P.O. Box 2769 Hobbs, New Mexico 88241	WPX Energy Permian, LLC 3500 One Williams Center, MD 38 Tulsa, Oklahoma 74172	WIOWNERLIST
Zia Royalty LLC PO Box 2160 Hobbs. NM 88241-2160	New Mexico Western Minerals, Inc. PO Box 1738 Roswell, NM 88202-1738	Hanaco LLC PO Box 750 Big Horn, WY 82833	Hanagan Investment, LLC PO Box 1737 Roswell, NM 88202	Occidental Permian Ltd P.O. Box 27520 Houston, Texas 77227	Explorers Petroleum Corporation PO Box 1933 Roswell, NM 88202	Spiral, Inc. PO Box 1933 Roswell, NM 88202	Colkelan Corporation PO Box 25663 Albuquerque, NM 87125	Nadel & Gussman Capitan, LLC 15 East 5th Street, Suite 3300 Tulsa, OK 74103-4340	Heyco Development Corporation PO Box 1933 Roswell, NM 88202	ORRI OWNER LIST
Cheryl White Derrick 6006 Balcones Ct., Apt. 20 El Paso, TX 79912-3340	Theodore P. White PO Box 533 Roswell, NM 88202	Bean Family Limited Company PO Box 1738 Roswell, NM 88202	LRW Corporation 20540 Highway 46W, #115- 621 Spring Branch, TX 78070	Robert K. Leonard PO Box 294928 Kerrville, TX 78029	Dan M. Lonnard, Trustoe of the DML Revocable Trust dated January 10, 2007. PO Box 3422 Midland, TX 79702	Lisa L. Durban PO Box 3194 Boulder, CO 80307	Constance Ann White fik/a Constance White Lloyd 7007 Lawler Ridge Houston, TX 77055	Elizabeth White Kanaly &k/a Elizabeth White Nelson 1022 Potomac Drive Houston, TX 77057	J. Phelps White IV PO Box 1433 Roswell, NM 88202	ORRI OWNER LIST
James R. Gebel, Trustee of the James R. Gebel Revocable Living Trust PO Box 162 Roswell, NM 887.02	William J. Derrick, Trustee of the Gretchen S. White Testamentary Trust filly Cheryl White Derrick 6006 Belcones Ct., Aprt 20 El Paso, TX 79912-3340	Laura Lyan McCampbell 6023 Weymouth Drive Dallas, TX 75252	Elizaheth Eaton 5870 S. Curtice Street Littleton, CO 30120	Gilbert J. Eaton 508 4th Street Newark, DE 19711-6745	Anderson-Malone, LLC PO Box 87 Roswell. NM 88202	Linda E. Schwarz 324 W. Ramona Colorado Springs, CO 80906	Charles F. Malone, Jr., Trustee of the Charles F. Malone Living Trust 2701 Chrysler Dr. Roswell NM 88201-5207	The Bevendge Company 4305 North Garfield, Suite 235 Midland, TX 79705	J. Phelps White III 888JF SW 94th Lane Ocala, FL 34481	ORRI OWNER LIST
Solis Resources, Ltd. 6804 Island Circle Midland, TX 79707	ZPZ Delaware I LLC 303 Veterans Aipark Lane Suite 1000 Midland, Texas 79705	COG Operating LLC 600 West Illinois Avenue Midland, Texas 79701	Columbine II, LP PO Box 228:4 Denver, CO 80222	Nestegg Energy Corporation 2308 Sierra Vista Rd Artesia, NM 88210	Marathon Oil Company P.O. Box 552 Midland, Texas 79702	Yates Brothers, a Partnership 105 South 4th Street Artesia, NM 88210	WPX Energy Permian, LLC 3500 One Williams Center, MD 38 Tulsa, Oklahoma 74172	Nilo Operating Co. 1111 Bagby, Sky Lobby 2 Houston, TX 77002	Pamela Anne Evans 7625 Parkview Circle Austin, TX 78/31	ORRI OWNER LIST
		<u> </u>				D2 Resources, LLC PO Box 10187 Midland, TX 79702	MYJA Trust, James E. Geitgey, Trustce 6804 Island Circle Midland, TX 79707	Jareed Partners, Ltd. 6804 Island Circle Midland, TX 79707	Keith Williams 2015 Coleman Court Midland, TX 79705	ORRI OWNER LIST





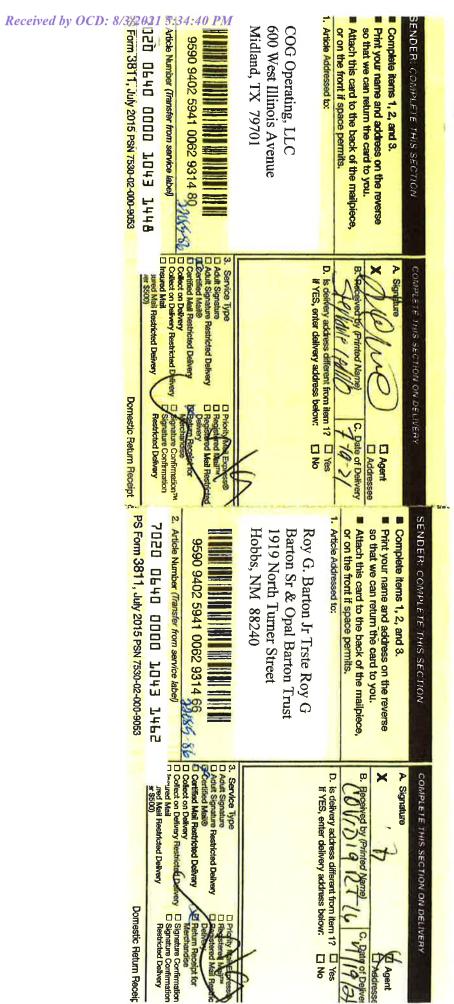
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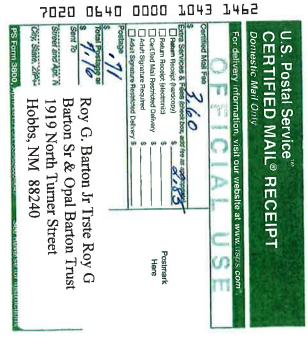
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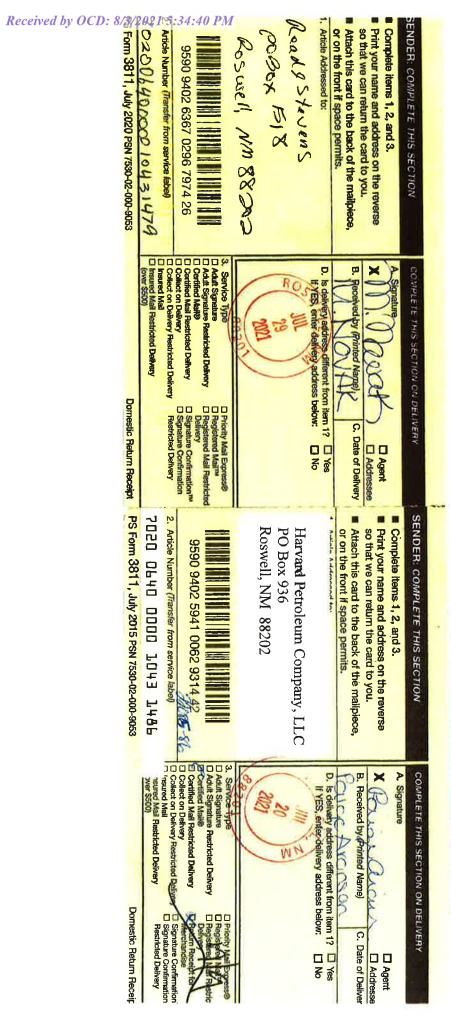
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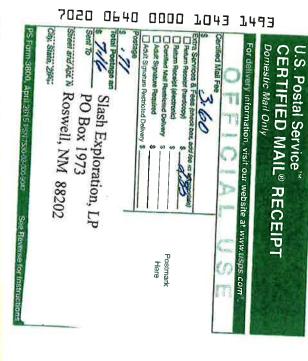


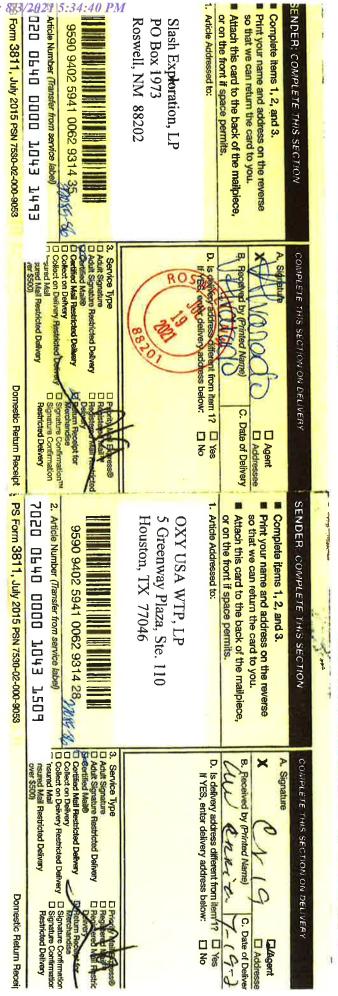




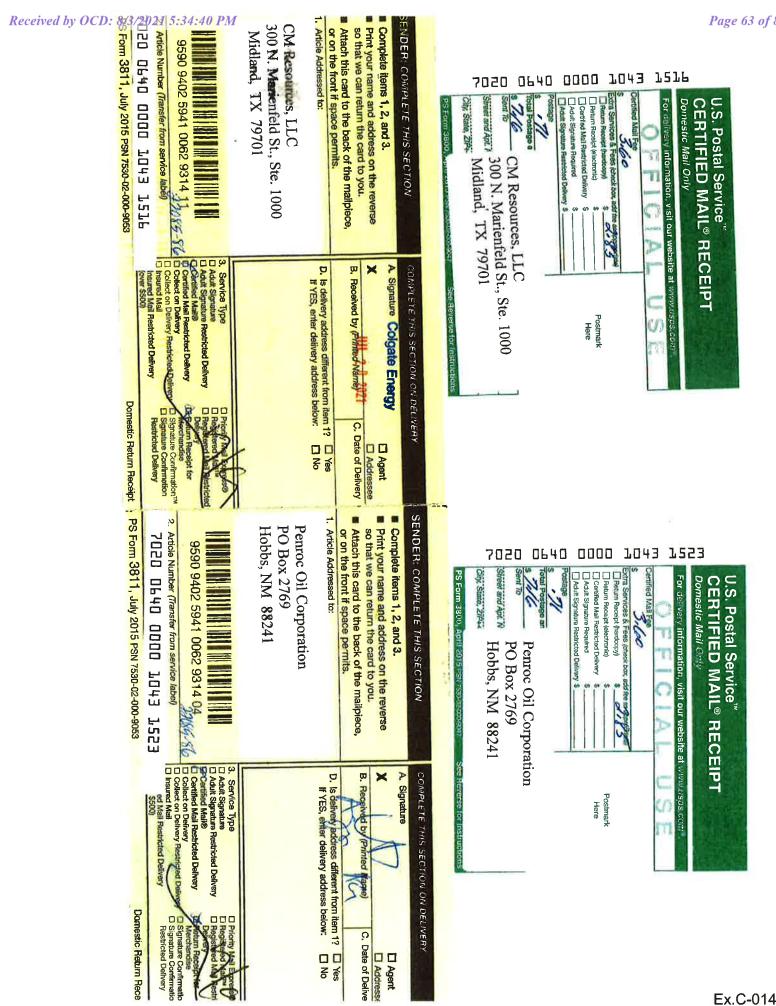




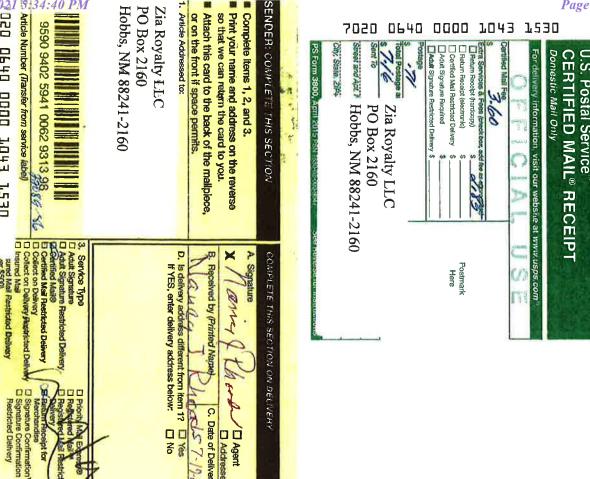


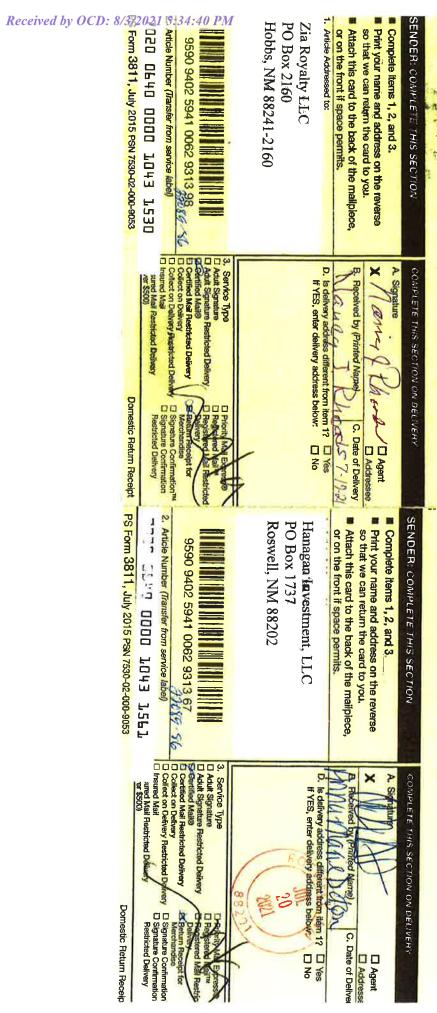


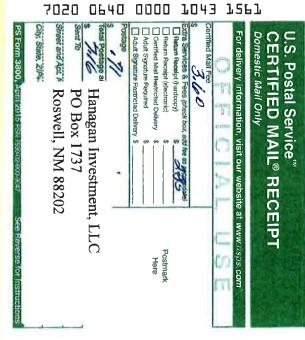
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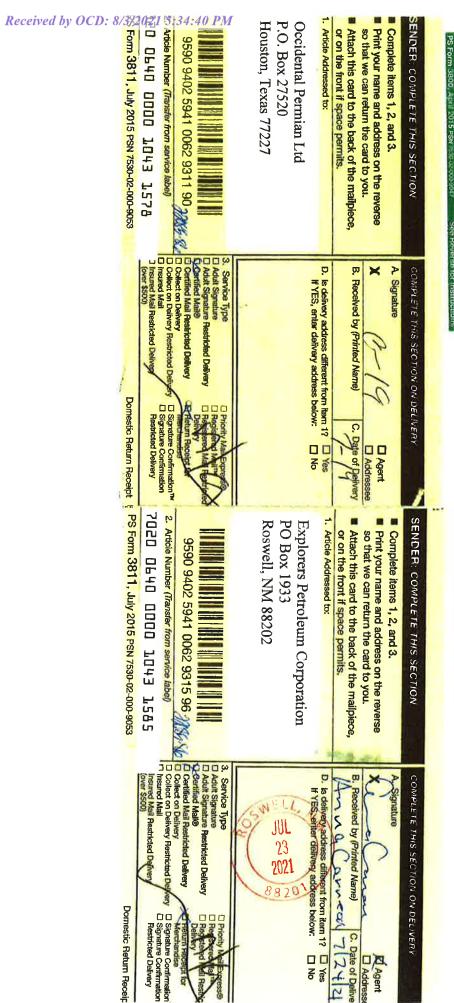
















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Houston, Texas 77227

P.O. Box 27520

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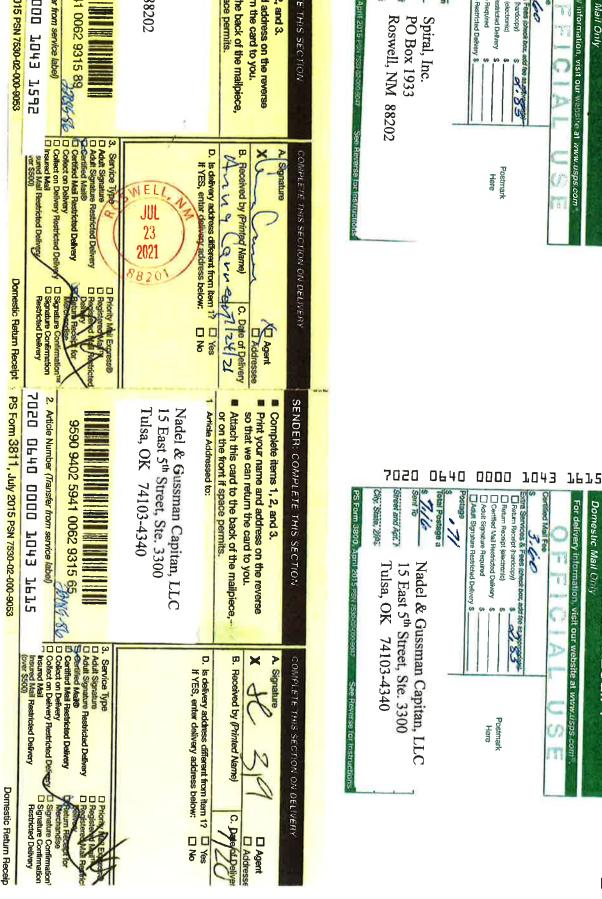
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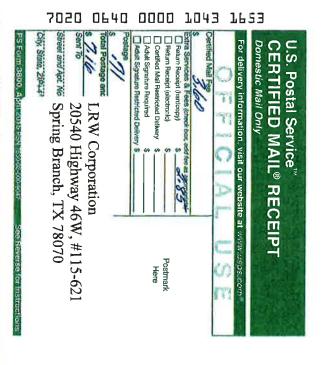


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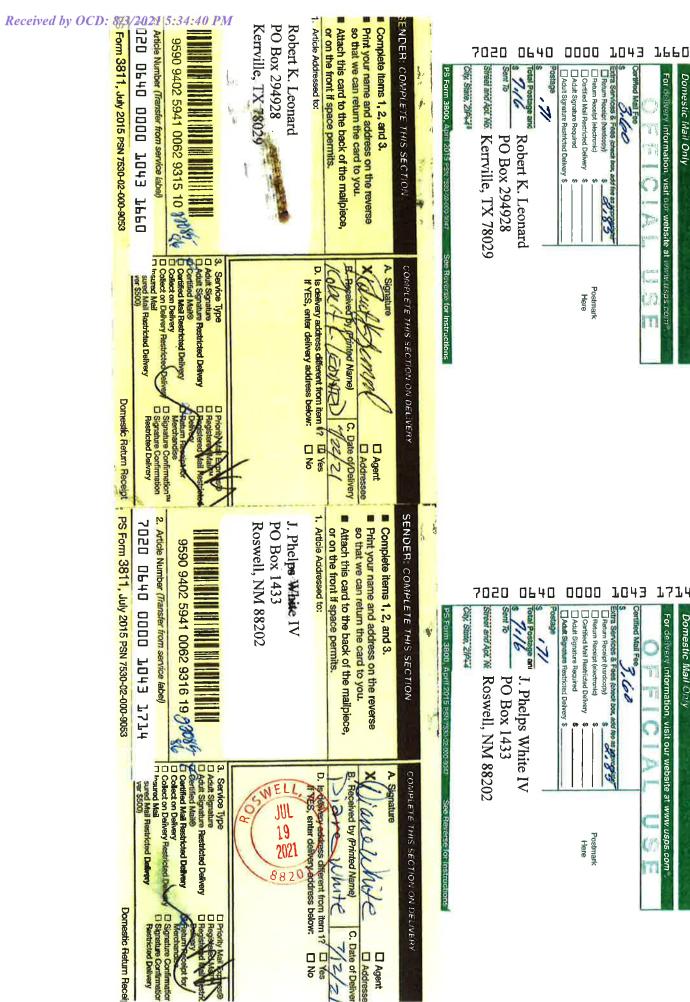
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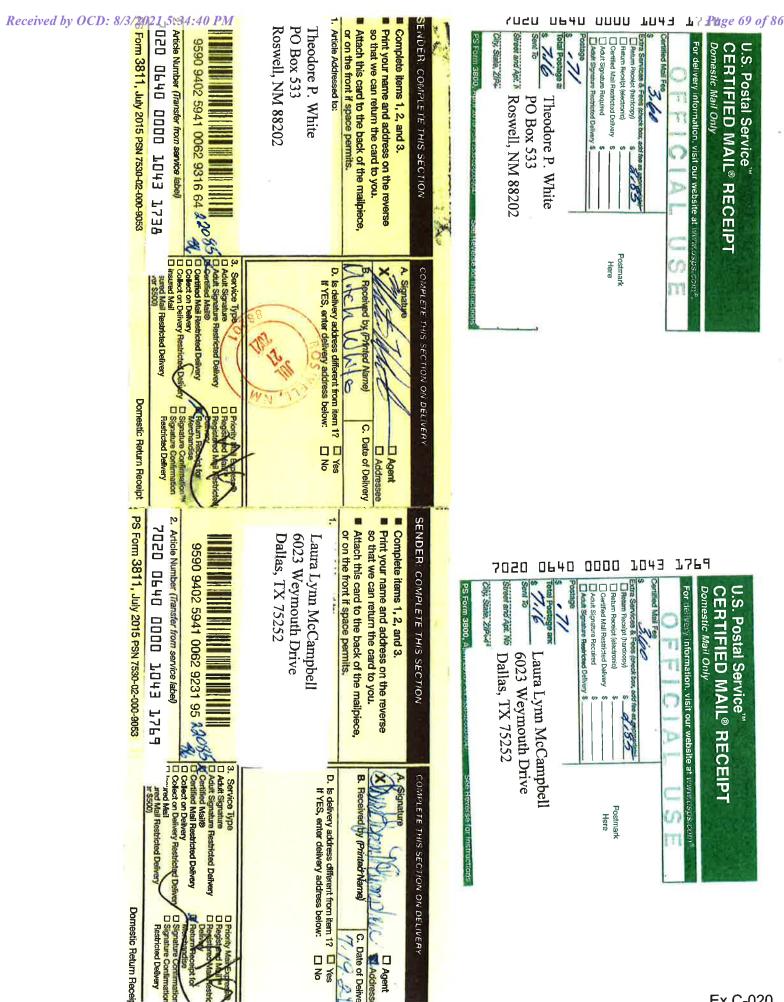
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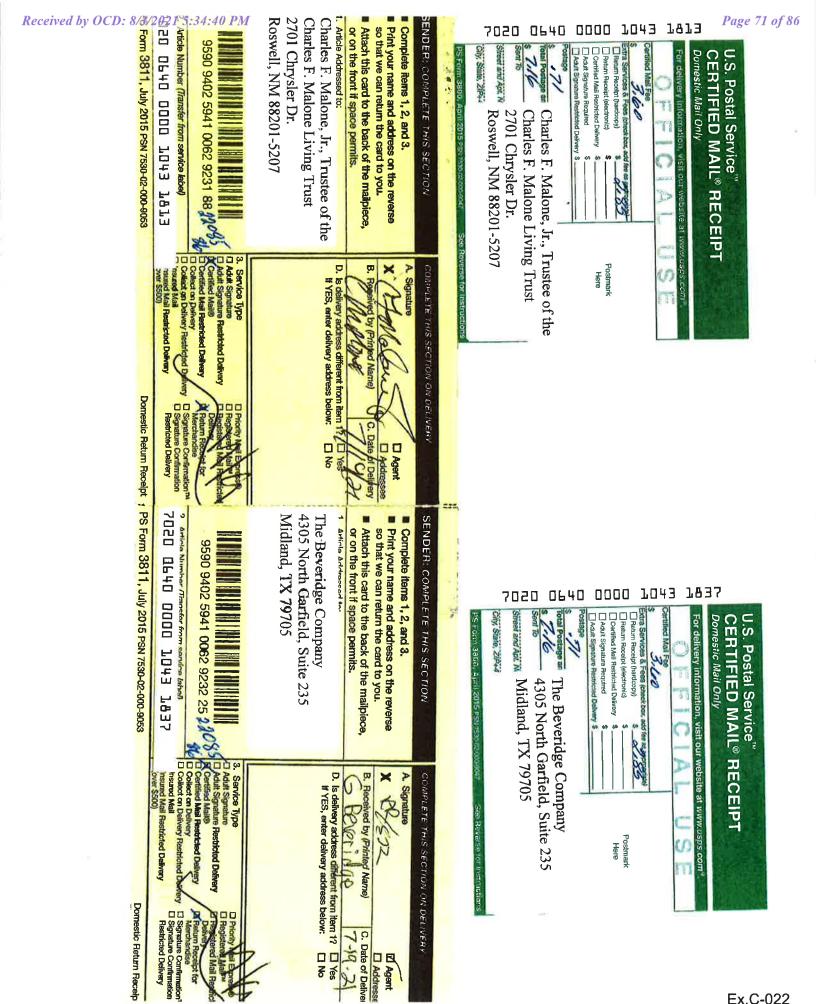
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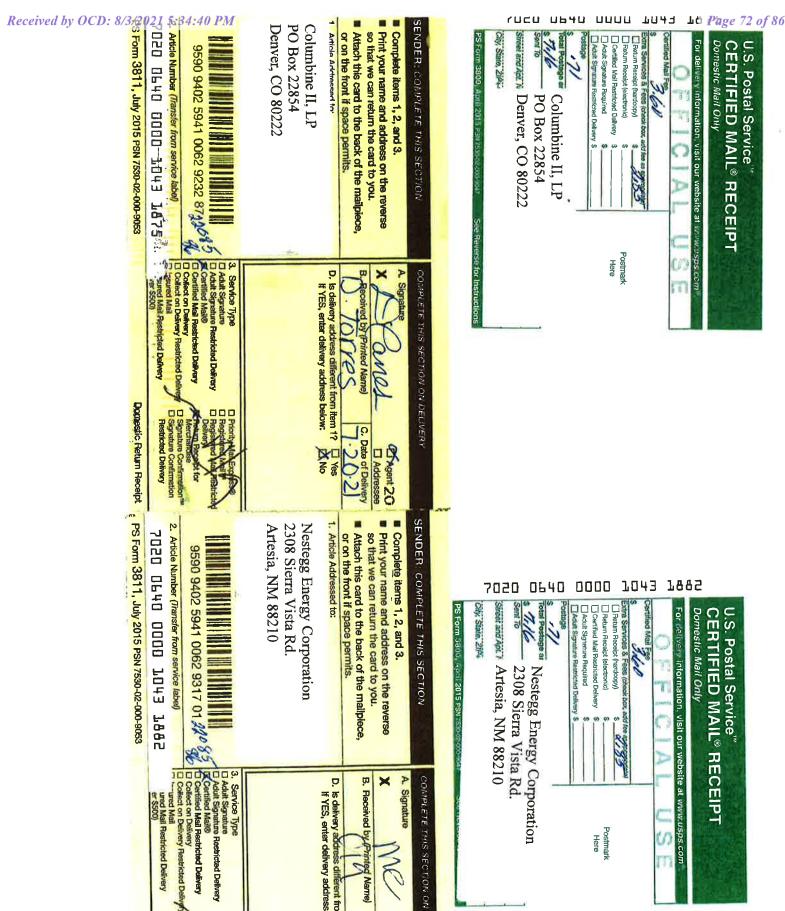




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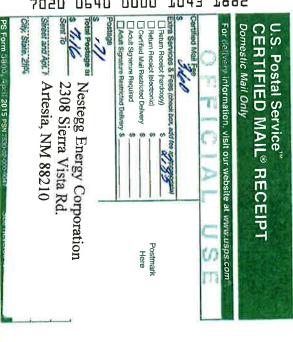
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D. Is delivery address different from item 1? If YES, enter delivery address below:

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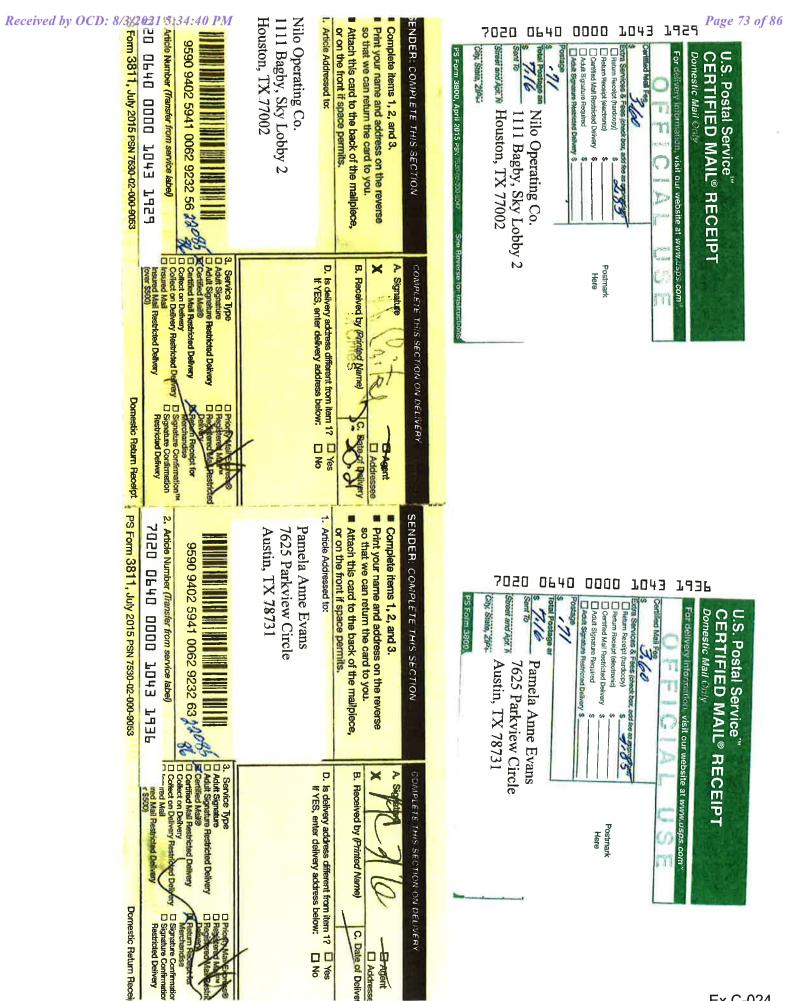
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PO Box 2523 Ernest L. Padilla Padilla Law Firm, P.A.

Santa Fe, NM 87504

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Padilla Law Firm, P.A. Ernest L. Padilla PO Box 2523 PO Box 2523 Santa Fe, NM 87504

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COMPULSORY POOLING APPLICATION CHECKLIST	
ALL INFORMAION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED A	
Case: 22085	Applicant's Response
Date Control of the C	8/3/2021
Applicant	Colgate Operating, LLC
Designated Operator & OGRID (affiliation if applicable)	371449
Applicant's Counsel	Ernest L. Padilla
Case Title:	Application of Colgate Operating, LLC for compulsory pooling in
edde Hite.	
	Eddy County, New Mexico
Entries of Appearance/Intervenors	None
Well Family	Klondike 9 State Com
Formation/Pool	
Formation Name(s) or Verticle Extent	West Winchester Bone Spring
Primary Product (Oil or Gas)	Oil
Pooling this verticle extent	Bone Spring Formation
Pool Name and Pool Code	West Winchester Bone Spring - Pool Code 97569
Well Location Setback Rules	Standard
Spacing Unit Size	320
Spacing Unit	
Type (Horizontal/Verticle)	Horizontal
Size (acres)	320
Building Blocks	160
Orientation	E/W
Description: TRS/County	S/2 of Section 9, 19S, 28E, Eddy County, NM
Description: TRS/County	Eddy
Standard Horizontal Well Spacing Unit	Yes
Other Situations	
Depth Severance: No	NO
Proximity Tracts: If yes, description	NO
Proximity Defining Well: If yes, description	NO
Applicant's Ownership in Each Tract	Ex. 9 pgs. 5-6
Well(s)	
Name & API (if assigned), surface and bottom hole location	
footages, completion target, orientation, completion status	
(standard or non-standard)	
	Klondike 9 State Com 123H
	This proposed well is a horizontal well with a legal surface location in Units I/P of
	Section 9, T19S, R28E, and an intended legal bottom hole location in Unit L of Section
	9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 7,000
	feet and TMD of approximately 12,080 feet, and will target the 2nd Bone Spring.
	Klondike 9 State Com 124H
	This proposed well is a horizontal well with a legal surface location in Units I/P of
	Section 9, T19S, R28E, and an intended legal bottom hole location in Unit M of Section
	9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 7,000
	feet and TMD of approximately 12,080 feet, and will target the 2nd Bone Spring.
	Klondike 9 State Com 133H
	This proposed well is a horizontal well with a legal surface location in Units I/P of
	This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit L of Section 9,
	This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit L of Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150
	This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit L of Section 9,
	This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit L of Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150
	This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit L of Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150
	This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit L of Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150 feet and TMD of approximately 13,230 feet, and will target the 3rd Bone Spring. Klondike 9 State Com 134H
	This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit L of Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150 feet and TMD of approximately 13,230 feet, and will target the 3rd Bone Spring. Klondike 9 State Com 134H This proposed well is a horizontal well with a legal surface location in Units I/P of
	This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit L of Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150 feet and TMD of approximately 13,230 feet, and will target the 3rd Bone Spring. Klondike 9 State Com 134H This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit M Section 9,
	This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit L of Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150 feet and TMD of approximately 13,230 feet, and will target the 3rd Bone Spring. Klondike 9 State Com 134H This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit M Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150
	This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit L of Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150 feet and TMD of approximately 13,230 feet, and will target the 3rd Bone Spring. Klondike 9 State Com 134H This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit M Section 9,
	This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit L of Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150 feet and TMD of approximately 13,230 feet, and will target the 3rd Bone Spring. Klondike 9 State Com 134H This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit M Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150
Horizontal Well First and Last Take Points	This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit L of Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150 feet and TMD of approximately 13,230 feet, and will target the 3rd Bone Spring. Klondike 9 State Com 134H This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit M Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150
	This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit L of Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150 feet and TMD of approximately 13,230 feet, and will target the 3rd Bone Spring. Klondike 9 State Com 134H This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit M Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150 feet and TMD of approximately 13,230 feet, and will target the 3rd Bone Spring. Ex.1 through 4
	This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit L of Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150 feet and TMD of approximately 13,230 feet, and will target the 3rd Bone Spring. Klondike 9 State Com 134H This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit M Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150 feet and TMD of approximately 13,230 feet, and will target the 3rd Bone Spring. Ex.1 through 4 Bone Spring
Horizontal Well First and Last Take Points Completion Target (Formation, TVD and MD)	This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit L of Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150 feet and TMD of approximately 13,230 feet, and will target the 3rd Bone Spring. Klondike 9 State Com 134H This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit M Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150 feet and TMD of approximately 13,230 feet, and will target the 3rd Bone Spring. Ex.1 through 4
Completion Target (Formation, TVD and MD) AFE Capex and Operating Costs	This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit L of Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150 feet and TMD of approximately 13,230 feet, and will target the 3rd Bone Spring. Klondike 9 State Com 134H This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit M Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150 feet and TMD of approximately 13,230 feet, and will target the 3rd Bone Spring. Ex.1 through 4 Bone Spring Identify the Exhibit and Page for Information below this line
Completion Target (Formation, TVD and MD)	This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit L of Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150 feet and TMD of approximately 13,230 feet, and will target the 3rd Bone Spring. Klondike 9 State Com 134H This proposed well is a horizontal well with a legal surface location in Units I/P of Section 9, T19S, R28E, and an intended legal bottom hole location in Unit M Section 9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150 feet and TMD of approximately 13,230 feet, and will target the 3rd Bone Spring. Ex.1 through 4 Bone Spring

Standard in area
200%
Exhibit C pgs. 2-9
Exhibit C pgs. 10-33
None
Exhibit A pgs. 5-6
Exhibit A pgs. 5-6
Exhibit A pgs. 5-6
None
None
7/1
Exhibit A pgs. 8-10
Exhibit A pgs. 5-6
Exhibit A pg. 7
Exhibit A pgs. 8-10
Exhibit A pgs. 11-14
Exhibit A pgs. 11-14
Exhibit B pgs. 1-4
Exhibit B1.2 pg. 7
Exhibit B1.3 pg. 8
East West
Exhibit B1.8, B1.9, B1.10 pgs.13-15
Exhibit B1.10 pgs. 13, 14, 15
will be supplemented
Exhibit A-9-10 pgs. 5-6 and 15-16
Exhibit A-9-10 pgs. 5-6 and 15-16
Exhibit B1.1 pg. 6
area preference
Exhbit B1.4 pg. 9, and B.1.6 pg. 11
Exhibit B1.2 pg. 7
Exhibits B1.8, B1.9, B1.10 pgs. 13, 14, 15
ecklist is complete and accurate.
Frnest I. Padilla
Ernest L. Padilla
8/3/2021

COMPULSORY POOLING APPLICATION CHECKLIST	
ALL INFORMAION IN THE APPLICATION MUST BE SUPPORTED BY SIGNE	D AFFIDAVITS
Case: 22086	Applicant's Response
Date	8/3/2021
Applicant	Colgate Operating, LLC
Designated Operator & OGRID (affiliation if applicable)	371449
Applicant's Counsel	Ernest L. Padilla
Case Title:	Application of Colgate Operating, LLC for compulsory pooling in
	Eddy County, New Mexico
	and county) had mexico
Entries of Appearance/Intervenors	None
Well Family	Madera 9 State Com
Formation/Pool	Widdela 9 State Colli
Formation Name(s) or Verticle Extent	Wash Winshastas Dana Casing
	West Winchester Bone Spring
Primary Product (Oil or Gas)	Oil
Pooling this verticle extent	Bone Spring Formation
Pool Name and Pool Code	West Winchester Bone Spring - Pool Code 97569
Well Location Setback Rules	Standard
Spacing Unit Size	320
Spacing Unit	
Type (Horizontal/Verticle)	Horizontal
Size (acres)	320
Building Blocks	160
Orientation	E/W
Description: TRS/County	N/2 of Section 9, 19S, 28E, Eddy County, NM
Description: TRS/County	Eddy
Standard Horizontal Well Spacing Unit	Yes
Other Situations	
Depth Severance: No	NO
Proximity Tracts: If yes, description	NO
Proximity Defining Well: If yes, description	
	NO
Applicant's Ownership in Each Tract	
Well(s)	
Name & API (if assigned), surface and bottom hole location	
footages, completion target, orientation, completion status	
(standard or non-standard)	
	Madera 9 State Com 121H
	This proposed well is a horizontal well with a legal surface location in Units I/P of
	Section 9, T19S, R28E, and an intended legal bottom hole location in Unit L of Section
	9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 7,000
	feet and TMD of approximately 12,080 feet, and will target the 2nd Bone Spring.
	Madera 9 State Com 122H
	This proposed well is a horizontal well with a legal surface location in Units A/H of
	Section 9. T19S. R28E, and an intended legal bottom hole location in Unit D of Section
	9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 7,000
	feet and TMD of approximately 12,080 feet, and will target the 2 nd Bone Spring.
	Madera 9 State Com 131H
	This proposed well is a horizontal well with a legal surface location in Units A/H of
	Section 9, T19S, R28E, and an intended legal bottom hole location in Unit L1 of Section
	9, T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150
	feet and TMD of approximately 13,230 feet, and will target the 3 rd Bone Spring.
	The stapped and the stapped and the state of the state of the state of the stapped and sta
	Madera 9 State Com 132H
	This proposed well is a horizontal well with a legal surface location in Units A/H of
	Section 9, T19S, R28E, and an intended legal bottom hole location in Unit E Section 9,
	T19S, R28E, Eddy County, New Mexico. It will have a TVD of approximately 8,150
	feet and TMD of approximately 13,230 feet, and will target the 3rd Bone Spring.
Horizontal Well First and Last Take Points	
Completion Target (Formation, TVD and MD)	
	Identify the Exhibit and Page for Information below this line
AFE Capex and Operating Costs	and a second sec
Drilling Supervision/Month \$	\$8000/\$800
Production Supervision/Month \$	\$4000 \$4000
reagenous agentiation relation 3	J

Signed Name: (Attorney or Party Representative): Date:	8/3/2021
Printed Name: (Attorney or Party Representative):	Ernest L. Padilla
CERTIFICATION: I hereby certify that the information provided in this ch	ecklist is complete and accurate.
Additional Information	Exhibits B1.8, B1.9, B1.10 pgs. 13-15
Cross Section Location Map (Including Wells) Cross Section (including Landing Zone)	Exhibit B1.2 pg. 7
Cross Section Location Map (including wells)	Exhibit B1.4 pg9, and B1.6 pg. 11
Well Orientation (with rationale) Structure Contour Map - Subsea Depth	East West
General Location Map (including basin)	Exhibit B1.2 pg. 7
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-10 pgs. 15-16
	Exhibit A-10 pgs. 15-16
Tracts	will be supplemented
C-102	will be supplemented
Forms, Figures and Tables	
Depth Severance Discussion	Exhibit B1.8, B1.9, B1.10 pgs. 13-15
HSU Cross Section	
Target Formation	East West Exhibit B1.8, B1.9, B1.10 pgs. 13-15
Well Orientation (with rationale)	Exhibit B1.3 pg. 8
Spacing Unit Schematic Gunbarrel/Lateral Trajectory Schematic	Exhibit B1.2 pg. 7
Spacing Unit Schematic	Exhibit B pgs. 1-4
Summary (including special considerations)	Exhibit Pings 1.4
Geology	
Cost Estimate to Equip Well Cost Estimate for Production Facilities	Exhibit A pgs. 21-24
Cost Estimates to Drill and Complete Cost Estimate to Equip Well	Exhibit A pgs. 21-24
Cost Estimates to Drill and Complete	Exhibit A pgs. 18-20
Overhead Rates in Proposal Letter	Exhibit A pg. 17
Chronology of Contact with Non-Joined Working Interests	Exhibit A pgs. 15-16
List of Interest Owners (ie Exhibit A of JOA)	Exhibit A pgs. 18-20
Sample Copy of Proposed Letter	Exhibit A pag 19 20
Joinder	INUTE
Ownership Depth Severance (including percentage above & below)	None
Unlocatable Parties to be Pooled	Exhibit A pgs. 15-16 None
Pooled Parties (including ownership type)	Exhibit A pgs. 15-16
Land Ownership Schematic of the Spacing Unit Tract List (including lease numbers and owners)	Exhibit A pgs. 15-16
Ownership Determination	F. b. ii. ii. A AF AC
Proof of Published Notice of Hearing (10 days before hearing)	None
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit C pgs. 10-33
Proposed Notice of Hearing	Exhibit C pgs. 2-9
Notice of Hearing	
Request Risk Charge	200%
Justification for Supervision Costs	Standard in area