

District I
1625 N. French Drive, Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St Francis Dr, Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107-B
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 S. St Francis Drive
Santa Fe, New Mexico 87505

Submit the original
application to the Santa Fe
office with one copy to the
appropriate District Office.

APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)

OPERATOR NAME: Colgate Operating, LLC
OPERATOR ADDRESS: 300 North Marienfeld Street, Suite 1000 Midland, Texas 79701
APPLICATION TYPE:

☐ Pool Commingling ☒ Lease Commingling ☒ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: ☐ Fee ☐ State ☒ Federal

Is this an Amendment to existing Order? ☐ Yes ☒ No If "Yes", please include the appropriate Order No. _____
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling
☒ Yes ☐ No

(A) POOL COMMINGLING
Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes
Please see attached					

- (2) Are any wells producing at top allowables? ☐ Yes ☒ No
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No.
(4) Measurement type: ☒ Metering ☐ Other (Specify)
(5) Will commingling decrease the value of production? ☐ Yes ☒ No If "yes", describe why commingling should be approved

(B) LEASE COMMINGLING
Please attach sheets with the following information

- (1) Pool Name and Code: [48035] OLD MILLMAN RANCH; BS (ASSOC) & [65010] WINCHESTER; BONE SPRING
(2) Is all production from same source of supply? ☐ Yes ☒ No
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No
(4) Measurement type: ☒ Metering ☐ Other (Specify)

(C) POOL and LEASE COMMINGLING
Please attach sheets with the following information

- (1) Complete Sections A and E.

(D) OFF-LEASE STORAGE and MEASUREMENT
Please attached sheets with the following information

- (1) Is all production from same source of supply? ☐ Yes ☐ No
(2) Include proof of notice to all interest owners.

(E) ADDITIONAL INFORMATION (for all application types)
Please attach sheets with the following information

- (1) A schematic diagram of facility, including legal location.
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.
(3) Lease Names, Lease and Well Numbers, and API Numbers.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: Mikah Thomas TITLE: Sr. Regulatory Analyst DATE: 05.05.2022

TYPE OR PRINT NAME Mikah Thomas TELEPHONE NO.: 432-695-4272

E-MAIL ADDRESS: mthomas@colgateenergy.com

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Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes
Please see attached					

- (2) Are any wells producing at top allowables? ☐ Yes ☒ No
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No.
(4) Measurement type: ☒ Metering ☐ Other (Specify)
(5) Will commingling decrease the value of production? ☐ Yes ☒ No If "yes", describe why commingling should be approved

(B) LEASE COMMINGLING
Please attach sheets with the following information

- (1) Pool Name and Code: [48035] OLD MILLMAN RANCH; BS (ASSOC) & [65010] WINCHESTER; BONE SPRING
(2) Is all production from same source of supply? ☐ Yes ☒ No
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No
(4) Measurement type: ☒ Metering ☐ Other (Specify)

(C) POOL and LEASE COMMINGLING
Please attach sheets with the following information

- (1) Complete Sections A and E.

(D) OFF-LEASE STORAGE and MEASUREMENT
Please attached sheets with the following information

- (1) Is all production from same source of supply? ☐ Yes ☐ No
(2) Include proof of notice to all interest owners.

(E) ADDITIONAL INFORMATION (for all application types)
Please attach sheets with the following information

- (1) A schematic diagram of facility, including legal location.
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.
(3) Lease Names, Lease and Well Numbers, and API Numbers.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: Mikah Thomas TITLE: Sr. Regulatory Analyst DATE: 05.05.2022

TYPE OR PRINT NAME Mikah Thomas TELEPHONE NO.: 432-695-4272

E-MAIL ADDRESS: mthomas@colgateenergy.com

Revised March 23, 2017

RECEIVED:	REVIEWER:	TYPE:	APP NO:
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: Colgate Operating, LLC **OGRID Number:** 371449
Well Name: Dawson 34 Fed Com 124H **API:** 30-015-47603
Pool: Old Millman Ranch; BS (Assoc) & Winchester; BS **Pool Code:** 48035 & 65010

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

1) TYPE OF APPLICATION: Check those which apply for [A]

A. Location – Spacing Unit – Simultaneous Dedication

☐ NSL ☐ NSP (PROJECT AREA) ☐ NSP (PRORATION UNIT) ☐ SD

B. Check one only for [I] or [II]

[I] Commingling – Storage – Measurement

☐ DHC ☒ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

2) NOTIFICATION REQUIRED TO: Check those which apply.

- A. ☐ Offset operators or lease holders
 B. ☒ Royalty, overriding royalty owners, revenue owners
 C. ☐ Application requires published notice
 D. ☒ Notification and/or concurrent approval by SLO
 E. ☒ Notification and/or concurrent approval by BLM
 F. ☐ Surface owner
 G. ☒ For all of the above, proof of notification or publication is attached, and/or,
 H. ☐ No notice required

FOR OCD ONLY

- ☐ Notice Complete
☐ Application Content Complete

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

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

Mikah Thomas

Print or Type Name

Signature

05.05.2022

Date

432-695-4272

Phone Number

mthomas@colgateenergy.com

e-mail Address



APPLICATION FOR SURFACE POOL/LEASE COMMINGLING

Colgate Operating, LLC respectfully requests approval to surface pool lease commingle oil and gas from all existing and future wells in Section 33, 34, 35 and 36 in Township 19 South, Range 28 East, within the Bone Spring and Wolfcamp pools listed in the application.

This application comes in addition to an application currently on file pending approval.

This Commingle and Allocation Approval (CAA) will not negatively affect the royalty of the federal government. Any allocation meters (non-FMPs) will meet API measurement standard 14.1. The location of the FMP is on lease. There is no new surface disturbance included as part of the proposed CAA. These spacing units are initially dedicated to the following wells:

	API	WELL NAME	WELL #	LOCATION	POOL CODE/ NAME	STATUS	Oil BPD	Gravities	MCFPD	BTU
1	30-015-49005	DAWSON 34 FEDERAL COM	114H	I-34-19S-28E	[48035] OLD MILLMAN RANCH; BS (ASSOC) & [65010] WINCHESTER; BONE SPRING	Permitted	*2000	*43	*4000	*1250
2	30-015-47704	DAWSON 34 FEDERAL COM	123H	I-34-19S-28E	[48035] OLD MILLMAN RANCH; BS (ASSOC) & [65010] WINCHESTER; BONE SPRING	Drilled	*1100	*43	*1700	*1250
3	30-015-47603	DAWSON 34 FEDERAL COM	124H	P-34-19S-28E	[48035] OLD MILLMAN RANCH; BS (ASSOC) & [65010] WINCHESTER; BONE SPRING	Producing	*1100	*43	*1700	*1250
4	30-015-47705	DAWSON 34 FEDERAL COM	133H	I-34-19S-28E	[48035] OLD MILLMAN RANCH; BS (ASSOC) & [65010] WINCHESTER; BONE SPRING	Drilled	*1100	*43	*1700	*1250
5	30-015-47604	DAWSON 34 FEDERAL COM	134H	P-34-19S-28E	[48035] OLD MILLMAN RANCH; BS (ASSOC) & [65010] WINCHESTER; BONE SPRING	Producing	*1100	*43	*1700	*1250
6	30-015-47706	SHAMROCK 34 FEDERAL COM	121H	D-35-19S-28E	[48035] OLD MILLMAN RANCH; BS (ASSOC) & [65010] WINCHESTER; BONE SPRING	Drilled	*2000	*43	*4000	*1250
7	30-015-47707	SHAMROCK 34 FEDERAL COM	122H	H-34-19S-28E	[48035] OLD MILLMAN RANCH; BS (ASSOC) & [65010] WINCHESTER; BONE SPRING	Drilled	*2000	*43	*4000	*1250
8	30-015-47708	SHAMROCK 34 FEDERAL COM	131H	D-35-19S-28E	[48035] OLD MILLMAN RANCH; BS (ASSOC) & [65010] WINCHESTER; BONE SPRING	Drilled	*1100	*43	*1700	*1250
9	30-015-47751	SHAMROCK 34 FEDERAL COM	132H	I-34-19S-28E	[48035] OLD MILLMAN RANCH; BS (ASSOC) & [65010] WINCHESTER; BONE SPRING	Drilled	*1100	*43	*1700	*1250
10	30-015-49657	Uluru 35 Fed	121H	D-35-19S-28E	[65010] WINCHESTER; BONE SPRING	Permitted	*2000	*43	*4000	*1250
11	30-015-49614	Uluru 35 Fed State Com	131H	H-34-19S-28E	[65010] WINCHESTER; BONE SPRING	Permitted	*1100	*43	*1700	*1250

300 N. Marienfeld Street, Suite 1000, Midland, Texas 79701

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www.ColgateEnergy.com

February 11, 2022

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12	30-015-49658	Uluru 35 Fed State Com	132H	H-34-19S-28E	[65010] WINCHESTER; BONE SPRING	Permitted	*1100	*43	*1700	*1250
13	30-15-49613	Uluru 35 Fed State Com	133H	H-34-19S-28E	[65010] WINCHESTER; BONE SPRING	Permitted	*1100	*43	*1700	*1250
14	30-015-49612	Uluru 35 Fed State Com	134H	P-34-19S-28E	[65010] WINCHESTER; BONE SPRING	Permitted	*1100	*43	*1700	*1250
15	30-015-49654	Uluru 35 Fed State Com	201H	D-35-19S-28E	[87760] WINCHESTER; WOLFCAMP (GAS)	Permitted	*1100	*43	*1700	*1250
16	30-015-49653	Uluru 35 Fed State Com	203H	P-34-19S-28E	[87760] WINCHESTER; WOLFCAMP (GAS)	Permitted	*1100	*43	*1700	*1250

General Information:

The Tank Battery to service the subject wells is located in the SENE of Section 34 in Township 19 South Range 28 East, Eddy County, New Mexico.

Application to commingle production from the subject wells has been submitted to the Bureau of Land Management, NMOCD and SLO.

Future Information:

Pursuant to Statewide rule 19.15.12.10 (C)(4)(g) Colgate Operating, LLC respectfully requests the option to include additional wells, pools and/or leases contained within the spacing units identified and approved in this application by filing a Subsequent Sundry Report to the BLM for Federal and filing a C-103Z and C-102 with the NMOCD. Notice to owners shall not be required when amending the application to add wells contained within spacing units previously approved for commingling authority.

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Allocation Methodology

PRORATED ALLOCATION

GAS ALLOCATION

Each well has a Wellhead (WH) meter and a Gas Lift (GL) meter. The CTB has a FC Meter that measures the volume of gas that leaves the CTB, this FC meter is considered an FMP. The INJ BB meter that measures off-lease gas coming on lease used for gas lift from the gathering line is considered an FMP.

1. Buyback FM is the volume of off-lease gas used for gas lift and to run the compressor, it is calculated by Buyback – Comp Fuel,
2. Net Well Production is base amount of production not used for gas lift and is calculated by subtracting Gas Lift (GL) volume from the wellhead (WH) meter reading.
3. Lease use is the volume of gas used by the equipment on the CTB allocated to the wells by Lease Use volume/total hours produced by all wells on CTB * each wells Hours On.
4. Theoretical % used for the allocation of production/sales is calculated by dividing the Net Well Production volume for each well into the sum of the Net Well Production.
5. CTB FC-INJ BB (Net CTB Gas) is volume of gas for royalty purposes, off lease gas is netted out of FMP meter volume. $FC\ Meter - (INJ\ BB\ Meter - GL\ Compressor)$. This gives you the volume of gas for royalty purposes that was produced/sold from the CTB.
6. Theoretical % for each well is multiplied by the Net CTB Gas.
7. HP Flare is volume of gas flared from the CTB, allocated to wells by Theoretical % for each well * HP FL volume.
8. VRU measures the gas from the oil tanks, is allocated based on allocated oil production for each well. VRU is an FMP. $VRU\ measured\ volume * theoretical\ \% \ of\ oil\ produced$. Each well's oil measured volume/by sum of all oil measured volumes on CTB = theoretical oil volume.
9. Total Net FMP Volumes is total sold from the CTB to the gathering line and is calculated by Net CTB Gas + VRU.
10. Allocated Production is all gas produced by CTB and is calculated by adding Total Net FMP Volumes+ HP Flare + Lease Use.
11. Total Net FMP Volumes is total sold from the CTB to the gathering line and is calculated by Net CTB

OIL ALLOCATION

Each well has an oil meter measuring the volume of oil produced by the well. This volume is used as the allocation point to prorate Allocated Production and Total Sales Volume (FMP) back to each well.

1. Allocated production is volume of oil produced by the CTB and is calculated by Ending Tank Inventory + Pipeline LACT (FMP) – Beginning Tank Inventory.
2. Available oil for sale is calculated by Pipeline Lact (FMP) – Beginning Tank Inventory.
3. Theoretical % is calculated by dividing each oil meter volume into the sum of oil meters.
4. The Theoretical % for each well is multiplied by the Allocated Production and the Available Sales.
5. Total Sales Volume is the volume of oil sold through the FMP meter. It is calculated by adding available for sale to the beginning inventory for each well.
6. Beginning Inventory comes from previous accounting period's Ending Inventory for each well.
7. Ending Inventory for each well is calculated by adding Beginning Inventory + Allocated Production – Total Sales Volume.

WATER ALLOCATION

Each well has a water meter measuring the volume of water produced by the well. This volume is used as the allocation point to prorate Allocated Production and Total Transferred Volume back to each well.

1. Allocated production is volume of water produced by the CTB and is calculated by Ending Tank Inventory + Water Transfer – Beginning Tank Inventory.
2. Available Water to Transfer is calculated by Water Transfer – Beginning Tank Inventory.
3. Theoretical % is calculated by dividing each water meter volume into the sum of the water meters.
4. The Theoretical % for each well is multiplied by the Allocated Production and the Available Sales.
5. Total Transfer Volume is the volume of water transferred off the CTB. It is calculated by adding Available to Transfer to the beginning inventory for each well.
6. Beginning Inventory comes from previous accounting period's allocated Ending Inventory for each well.
7. Ending Inventory for each well is calculated by adding beginning inventory + Allocated Production – Total Transfer Volume.

Applied Allocation Spreadsheet Examples (Oil Stream)

Definition of Factors, Formulas, and Assets	
Oil Allocation Factor	Daily meter reading from a testing vessel (shared or designated by well) for an individual well used as the basis for prorating produced sellable volumes from the OMT.
Well Test Hours	Total hours that well test was conducted for. Used to adjust Oil Allocation Factor to a 24 hour rate. Well test hours can be more than or less than 24 hours but greater than 0.
Hours Flowed	Total hours that well was flowing produced fluids. Used to adjust Oil Allocation Factor to compensate for Oil Allocation Factor being adjusted to a 24 hour rate.
Oil Allocation Factor Basis	The Oil Allocation Factor adjusted to 24 hour basis and corrected for any downtime incurred for the well. Reporting volume to the OGOR.
Theoretical % of Production	Calculated by dividing the Oil Allocation Factor Basis for the individual well into the sum of all Basis' at the OMT. Not visualized in the production accounting program.
Allocated Oil Production	Volume of sold or stored volume produced in the time period ready to sell from the OMT allocated to each well. Reporting Volume to the OGOR.
Oil Master Tank (OMT)	Relative terminology synonymous with Central Tank Battery.
Beginning Oil	Inventory in bbls from the previous accounting periods calculated ending inventories. In the case of a new OMT, during any accounting period, Open inventory would be = 0.
Ending Oil	Inventory in bbls as measure for the date of accounting. Ending inventory can be positive, negative or neutral each day, but cannot sum to < 0.
Dispositions	A measured volume removed from a tank or moved through a LACT. Recorded from a ticket or direct meter read.
Oil Production	Total volume sold or available for sell for each asset at the OMT for accounting period. Calculated by subtracting Ending Oil from Beginning Oil and summing with Dispositions
OMT Totals	Formula to calculate the total volumes sold or available for sale at the OMT for the accounting period. Reporting Volume to the OGOR.
LACT	Measures in bbls the volume transferred at the LACT meter to custody of the midstream gatherer or direct to purchaser.
Oil Tank #	Physical tank count at the OMT. Tanks can vary in size by battery and volume requirements. BBL/Inch factors are calculated and applied at the asset level.

Individual Well Factors and Allocated Production						
Well Name	Oil Allocation Factor	Well Test Hours	Hours Flowed	Oil Allocation Factor Basis	Theoretical % of Production	Allocated Oil Production
xxxxx	817.59	24.00	24.00	817.59	0.62374	821.11
xxxxx	493.20	24.00	24.00	493.20	0.37626	495.33
Totals	1310.79	-	-	1310.79	1.00000	1316.44

Oil Master Tank (OMT)				
Asset	Beginning Oil	Ending Oil	Dispositions	Oil Production
Oil Tank 1 (OT1)	166.80	161.24		-5.56
Oil Tank 2 (OT2)	88.96	88.96		0.00
Oil Tank 3 (OT3)	63.94	63.94		0.00
LACT			1322.00	1322.00
OMT Totals	319.70	314.14		1316.44

Applied Allocation Spreadsheet Examples (Gas Stream)

Definition of Factors, Formulas, and Assets	
Gas Out	Daily meter reading from a testing vessel (shared or designated by well) for an individual well used as the basis for prorating total produced volumes.
Gas In	Daily meter reading from a designated meter for an individual well for measuring the amount of gas injected into a well for gas lift purposes.
Formation Gas	The total gas produced from the formation. Calculated by subtracting Gas In from Gas Out.
Theoretical % of Production	Calculated by dividing the Formation Gas for the individual well into the sum of all Formation Gas. Not visualized in the production accounting program.
Allocated Gas Production	Total volume of gas sold, flared, utilized for lease operations, or utilized as fuel for compression equipment and less the gas metered through the Gas Buy Back. Reporting Volume to the OGOR.
Allocated Gas Sales	Total volume sold from the CTB less the gas metered through the Gas Buy Back Meter. Reporting Volume to the OGOR.
Allocated Flared Volume	Total volume flared from the CTB. Reporting Volume to the OGOR.
Gas Flare Meter	Metered volume of gas sent to combustion or flare for the CTB
Gas Lease Use Meter	Metered volume of gas utilized for lease operations for pneumatics, power generation, or other necessary operations to operate the CTB.
Gas Sales Meter	Metered volume of gas transferred at a custody exchange point to a midstream gatherer or direct purchaser.
Gas Compressor Factor	Total gas burned as fuel for operation of gas lift compression for purposes of injection for gas lift purposes. An hourly rate factored by the total Hours On of the compressor daily.
Hours On	Total hours the compressor was ran for the allocation period.
Gas Buy Back Meter	Metered volume of gas transferred from a custody exchange point to the operator for use as lease use, compression fuel, or injection volume.
Total Gas Basis	Sum of all gas utilized in the operation of the lease.

Individual Well Factors and Allocated Production

Well Name	Gas Out	Gas In	Formation Gas	Theoretical % of Production	Allocated Gas Production	Allocated Gas Sales	Allocated Flared Volume
xxxxx	2370.00	765.80	1604.20	0.61553	1817.67	1556.07	221.59
xxxxx	1763.00	761.00	1002.00	0.38447	1135.33	971.93	138.41
Totals	4133.00	1526.80	2606.20	1.00000	2953.00	2528.00	360.00

Total Gas Metered Out of CTB

Asset	Gas Production	Hours On
Gas Flare Meter	360.00	
Gas Lease Use Meter	0.00	
Gas Sales Meter	2528.00	
GL Compressor Factor	65.00	24.00
Gas Buy Back Meter	0.00	
Total Gas Basis	2953.00	

Applied Allocation Spreadsheet Examples (Water Stream)

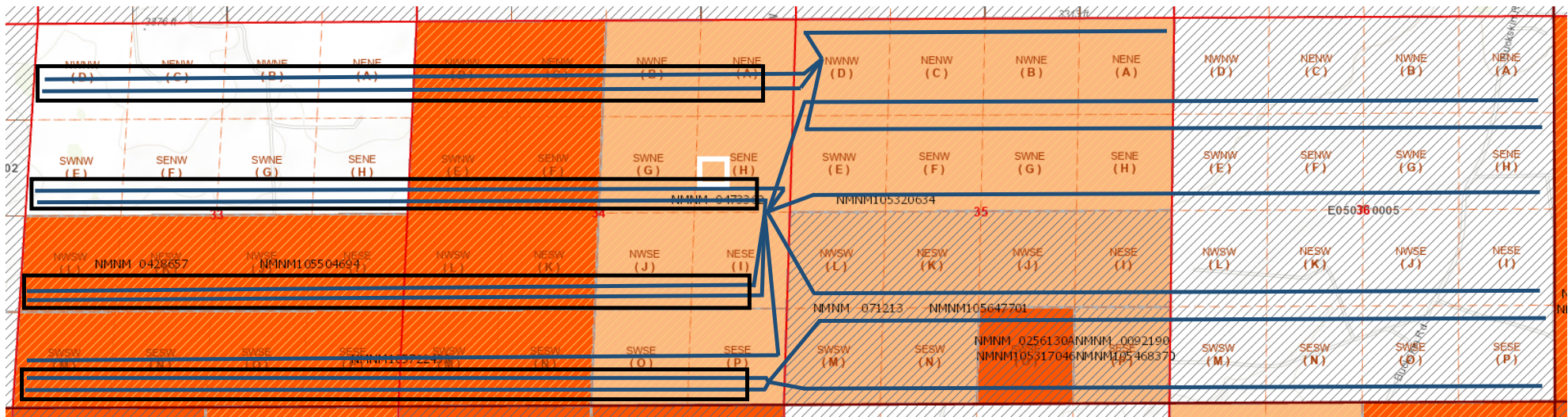
Definition of Factors, Formulas, and Assets	
Water Allocation Factor	Daily meter reading from a testing vessel (shared or designated by well) for an individual well used as the basis for prorating produced volumes from the WMT.
Well Test Hours	Total hours that well test was conducted for. Used to adjust Water Allocation Factor to a 24 hour rate. Well test hours can be more than or less than 24 hours but greater than 0.
Hours Flowed	Total hours that well was flowing produced fluids. Used to adjust Water Allocation Factor to compensate for Water Allocation Factor being adjusted to a 24 hour rate.
Water Allocation Factor Basis	The Water Allocation Factor adjusted to 24 hour basis and corrected for any downtime incurred for the well. Reporting volume to the OGOR.
Theoretical % of Production	Calculated by dividing the Water Allocation Factor Basis for the individual well into the sum of all Basis' at the WMT. Not visualized in the production accounting program.
Allocated Water Production	Volume of sold or stored volume produced in the time period ready to sell from the WMT allocated to each well. Reporting Volume to the OGOR.
Water Master Tank (WMT)	Relative terminology synonymous with Central Tank Battery.
Beginning Water	Inventory in bbls from the previous accounting periods calculated ending inventories. In the case of a new WMT, during any accounting period, Open inventory would be = 0.
Ending Water	Inventory in bbls as measure for the date of accounting. Ending inventory can be positive, negative or neutral each day, but cannot sum to < 0.
Dispositions	A measured volume removed from a tank or moved through a Water Transfer Meter. Recorded from a ticket or direct meter read.
Water Production	Total volume moved or available for me for each asset at the WMT for accounting period. Calculated by subtracting Ending Water from Beginning Water and summing with Dispositions
WMT Totals	Formula to calculate the total volumes sold or available for sale at the WMT for the accounting period . Reporting Volume to the OGOR.
Water Transfer Meter	Measures in bbls the volume transferred at the Water Transfer meter to custody of the midstream gatherer or direct to disposal.
Water Tank #	Physical tank count at the WMT. Tanks can vary in size by battery and volume requirements. BBL/Inch factors are calculated and applied at the asset level.

Individual Well Factors and Allocated Production

Well Name	Water Allocation Factor	Well Test Hours	Hours Flowed	Water Allocation Factor Basis	Theoretical % of Production	Allocated Water
xxxxx	1571.00	24.00	24.00	1571.00	0.55512	1577.66
xxxxx	1259.00	24.00	24.00	1259.00	0.44488	1264.34
Totals	2830.00	-	-	2830.00	1.00000	2842.00

Water Master Tank (WMT)

Asset	Beginning Water	Ending Water	Dispositions	Water Production
Water Tank 1 (WT1)	36.14	36.14		0.00
Water Tank 2 (WT2)	30.58	30.58		0.00
Water Tank 3 (WT3)	33.96	33.96		0.00
Water Transfer Meter			2842.00	2842.00
WMT Totals	100.68	100.68		2842.00

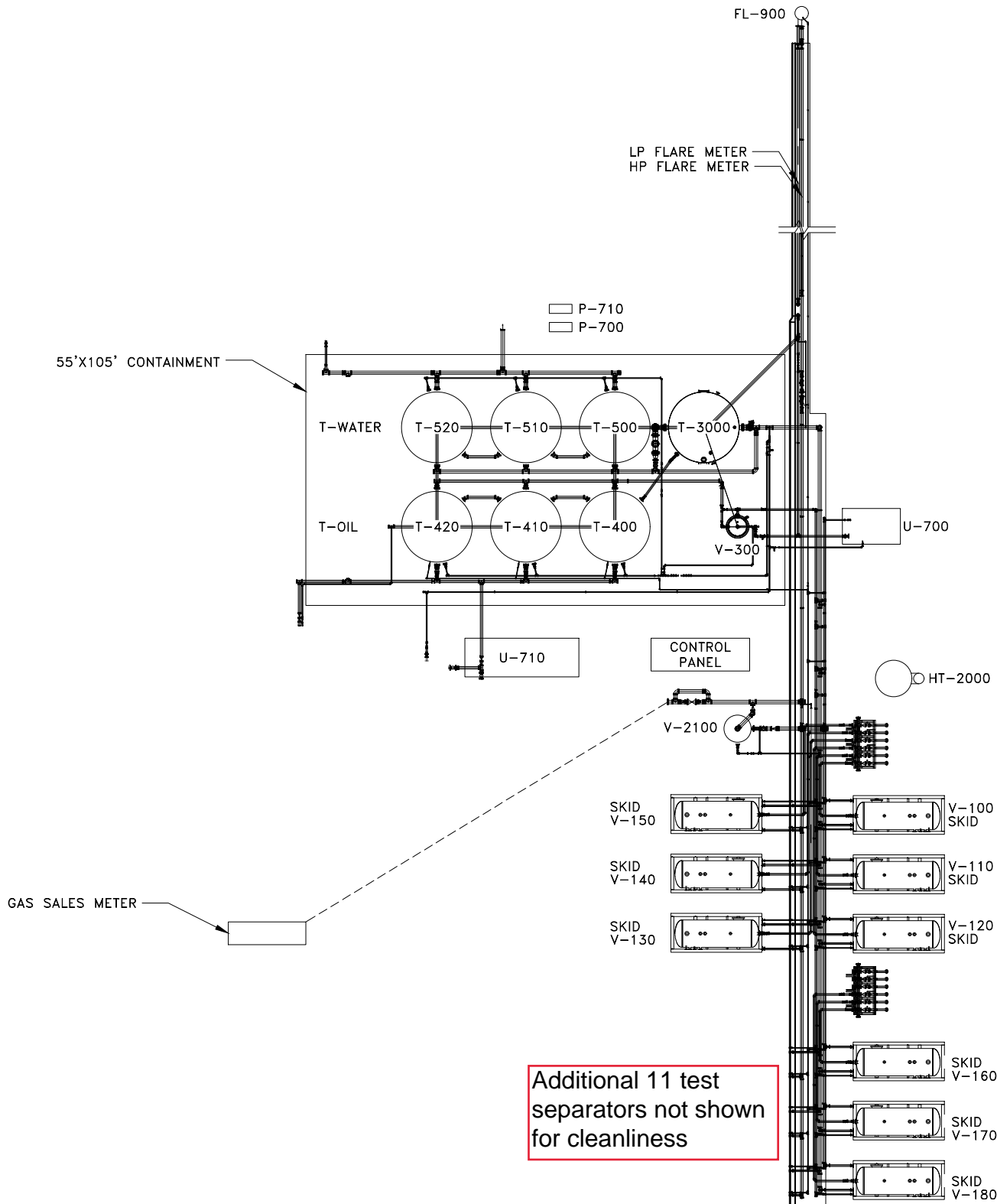


Colgate Operating, LLC

Dawson 34 Fed Com &
Shamrock 34 Fed Com &
Uluru 35 Fed State Com
Commingle Overview Map

Section 34, T19S, R28E
Eddy County, New Mexico

-  Section 33, 34, 35
Federal Land
-  State Land
-  White boundary
Tank Battery
-  Wellbore
-  Communitization
Agreement



- V-100 THRU 180**
3-PHASE SEPARATOR
HZ. 3PH SEPARATOR
72" OD X 15'-0" S/S
- HT-2000**
HEATER TREATER
HZ, VESSEL
96" OD X 20'-0" S/S
- V-2100**
GAS SCRUBBER
VERT. VESSEL
72" OD X 15'-0" S/S
- U-700**
GAS RECOVERY UNIT
GAS RECOVERY UNIT
118 H.P.
- U-710**
LACT
100 H.P.
SKID: 8'-6" x 25'-0"
- V-300**
VAPOR RECOVERY TOWER
3PH VRT
48" OD X 45'-0" HT
- T-3000**
SKIM TANK
SKIM TANK
15'-6" OD X 30'-0" HT
1000 BBL
COLOR: BLM SHALE GREEN
- T-500 THRU 520**
WATER TANKS
WATER STORAGE TANK
15'-6" OD X 24'-0" HT
750 BBL
COLOR: BLM SHALE GREEN
- T-400 THRU 420**
OIL TANKS
OIL STORAGE TANKS
15'-6" OD X 24'-0" HT
750 BBL
COLOR: BLM SHALE GREEN
- V-320**
FLARE K.O.
2'-0" X 5'-0"
- P-700/710**
WATER TRANSFER PUMPS
XXX H.P. ELECTRIC PUMPS
- FS-900**
FLARE
XX,000 MSCFD

NOTE:

ISSUED
MARCH 23, 2022
FOR REVIEW

R:\01_Colgate\21239- Dawson-Shamrock CTB\2. Eng., Design\2.3 Piping, Mech\2.3.2 Plot Plans\D-21239-20-001 .dwg 20220323.16383


REFERENCE DRAWINGS		REVISIONS					
NO.	TITLE	NO.	DATE	DESCRIPTION	BY	CHK.	APP.
		A	06/11/21	ISSUED FOR REVIEW	IB	MV	
		B	03/23/22	ISSUED FOR REVIEW	KQ	MV	



3S Services, LLC
ENGINEERING & DESIGN
Ph: 432-687-5611 Midland, Texas 79705
WWW.3SENGINEERINGDESIGN.COM
TBPE FIRM REG. #13809
NM FIRM REG. #4545320
OKLA FIRM REG. #3712353615

NOTICE
THIS DRAWING HAS NOT BEEN PUBLISHED BUT RATHER HAS BEEN PREPARED BY 3S ENGINEERING & DESIGN. FOR USE BY THE CLIENT NAMED IN THE TITLE BLOCK SOLELY IN RESPECT OF THE CONSTRUCTION, OPERATION AND MAINTENANCE OF FACILITY NAMED IN THE TITLE BLOCK AND SHALL NOT BE USED FOR ANY OTHER PURPOSE, OR FURNISHED TO ANY OTHER PARTY, WITHOUT THE EXPRESS WRITTEN PERMISSION OF 3S ENGINEERING & DESIGN.

ENGINEERING RECORD		
BY	DATE	
DRN: IB	06/11/21	
DES:		
CHK:		
APP:		
AFE No.		
FACILITY ENGR.		
PROJ. ENGR:		
SCALE: NONE		



COLGATE ENERGY

DAWSON/SHAMROCK BATTERY
PLOT PLAN

PLOT SCALE NONE	DWG. NO. D-21239-20-001	REV B
CAD NO.		

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

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-	2 Pool Code 65010	3 Pool Name WINCHESTER; BONE SPRING
4 Property Code	5 Property Name DAWSON 34 FED COM	6 Well Number 114H
7 OGRID No. 371449	8 Operator Name COLGATE OPERATING, LLC	9 Elevation 3308.8'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	34	19-S	28-E		2489'	SOUTH	340'	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	33	19-S	28-E		660'	SOUTH	25'	WEST	EDDY

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code C	15 Order No.
---------------------------	--------------------	----------------------------	--------------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

16

SURFACE HOLE LOCATION (SHL)
NEW MEXICO EAST - NAD 83
X=595562.95 LAT.= 32.61685925° N
Y=588189.11 LONG.= 104.15721662° W
NEW MEXICO EAST - NAD 27
X=554382.93 LAT.= 32.61674193° N
Y=588127.35 LONG.= 104.15670921° W
2489' FSL, 340' FEL - SECTION 34

FIRST TAKE POINT (FTP)
NEW MEXICO EAST - NAD 83
X=595748.32 LAT.= 32.61183277° N
Y=586360.76 LONG.= 104.15662444° W
NEW MEXICO EAST - NAD 27
X=554568.27 LAT.= 32.61171540° N
Y=586299.04 LONG.= 104.15611717° W
660' FSL, 100' FEL - SECTION 34
659' FNL, 100' FEL - LEASE LINE

LAST TAKE POINT (LTP)
NEW MEXICO EAST - NAD 83
X=585345.06 LAT.= 32.61171634° N
Y=586302.76 LONG.= 104.19041103° W
NEW MEXICO EAST - NAD 27
X=544165.03 LAT.= 32.61159933° N
Y=586241.12 LONG.= 104.18990292° W
660' FSL, 100' FWL - SECTION 33
657' FNL, 100' FWL - LEASE LINE

BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST - NAD 83
X=585269.88 LAT.= 32.61171549° N
Y=586302.35 LONG.= 104.19065519° W
NEW MEXICO EAST - NAD 27
X=544089.85 LAT.= 32.61159848° N
Y=586240.71 LONG.= 104.19014708° W
660' FSL, 25' FWL - SECTION 33
657' FNL, 25' FWL - LEASE LINE

CORNER DATA
NEW MEXICO EAST - NAD 83
A - FOUND IRON PIPE W/ BRASS CAP
N:590907.03' E:585541.35'
B - FOUND 5/8" IRON ROD W/ ALUM CAP
N:590925.86' E:588152.01'
C - FOUND IRON PIPE W/ BRASS CAP
N:590945.00' E:590760.88'
D - FOUND IRON PIPE W/ BRASS CAP
N:590962.75' E:593372.54'
E - FOUND IRON PIPE W/ BRASS CAP
N:590981.15' E:595983.74'
F - FOUND IRON PIPE W/ BRASS CAP
N:588340.39' E:595907.65'
G - FOUND IRON PIPE W/ BRASS CAP
N:585701.20' E:595828.61'
H - FOUND 5/8" IRON ROD W/ ALUM CAP
N:585686.35' E:593171.86'
I - FOUND IRON PIPE W/ BRASS CAP
N:585671.76' E:590514.87'
J - FOUND IRON PIPE W/ BRASS CAP
N:585656.50' E:587858.72'
K - FOUND IRON PIPE W/ BRASS CAP
N:585641.97' E:585202.31'
L - FOUND IRON PIPE W/ BRASS CAP
N:588276.86' E:585371.95'
M - FOUND IRON PIPE W/ BRASS CAP
N:588307.96' E:590637.53'

17 OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: Mikah Thomas Date: 06/15/2021
Printed Name: Mikah Thomas
E-mail Address: mthomas@colgateenergy.com

18 SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey: 5/27/2021
Signature and Seal of Professional Surveyor: MARK J. MURRAY
Certificate Number: 12177

District I

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OIL CONSERVATION DIVISION
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Santa Fe, NM 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-47704	2 Pool Code 48035 & 65010	3 Pool Name OLD MILLMAN RANCH; BS & WINCHESTER; BS
4 Property Code 329759	5 Property Name DAWSON 34 FED COM	6 Well Number 123H
7 OGRID No. 371449	8 Operator Name COLGATE OPERATING, LLC	9 Elevation 3309.0'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	34	19-S	28-E		2534'	SOUTH	340'	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	33	19-S	28-E		1652'	SOUTH	25'	WEST	EDDY

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code C	15 Order No.
----------------------------------	---------------------------	-----------------------------------	---------------------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>16</p> <p>SURFACE HOLE LOCATION (SHL) NEW MEXICO EAST - NAD 83 X=595564.33 LAT.= 32.61698284° N Y=588234.08 LONG.= 104.15721188° W NEW MEXICO EAST - NAD 27 X=554384.31 LAT.= 32.61686552° N Y=588172.31 LONG.= 104.15670446° W 2534' FSL, 340' FEL - SECTION 34 104' FNL, 340' FEL - LEASE LINE</p> <p>FIRST TAKE POINT (FTP) NEW MEXICO EAST - NAD 83 X=595585.95 LAT.= 32.61468458° N Y=587397.99 LONG.= 104.15714615° W NEW MEXICO EAST - NAD 27 X=554405.92 LAT.= 32.61456724° N Y=587336.25 LONG.= 104.15663879° W 1698' FSL, 293' FEL - SECTION 34 379' FSL, 293' FEL - LEASE LINE MD = 7,373.58'</p> <p>LAST TAKE POINT (LTP) NEW MEXICO EAST - NAD 83 X=585409.00 LAT.= 32.61444725° N Y=587296.37 LONG.= 104.19019903° W NEW MEXICO EAST - NAD 27 X=544228.99 LAT.= 32.61433027° N Y=587234.71 LONG.= 104.18969086° W 1653' FSL, 100' FWL - SECTION 33 336' FSL, 100' FWL - LEASE LINE MD = 17,634.68'</p> <p>BOTTOM HOLE LOCATION (BHL) NEW MEXICO EAST - NAD 83 X=585333.71 LAT.= 32.61444417° N Y=587295.15 LONG.= 104.19044356° W NEW MEXICO EAST - NAD 27 X=544153.70 LAT.= 32.61432719° N Y=587233.48 LONG.= 104.18993538° W 1652' FSL, 25' FWL - SECTION 33 335' FSL, 25' FWL - LEASE LINE MD = 17,710.00'</p> <p>CORNER DATA NEW MEXICO EAST - NAD 83 A - FOUND IRON PIPE W/ BRASS CAP N:590907.03' E:585541.35' B - FOUND 5/8" IRON ROD W/ ALUM CAP N:590925.86' E:588152.01' C - FOUND IRON PIPE W/ BRASS CAP N:590945.00' E:590760.88' D - FOUND IRON PIPE W/ BRASS CAP N:590962.75' E:593372.54' E - FOUND IRON PIPE W/ BRASS CAP N:590981.15' E:595983.74' F - FOUND IRON PIPE W/ BRASS CAP N:588340.39' E:595907.65' G - FOUND IRON PIPE W/ BRASS CAP N:585701.20' E:595828.61' H - FOUND 5/8" IRON ROD W/ ALUM CAP N:585686.35' E:593171.86' I - FOUND IRON PIPE W/ BRASS CAP N:585671.76' E:590514.87' J - FOUND IRON PIPE W/ BRASS CAP N:585656.50' E:587858.72' K - FOUND IRON PIPE W/ BRASS CAP N:585641.97' E:585202.31' L - FOUND IRON PIPE W/ BRASS CAP N:588276.86' E:585371.95' M - FOUND IRON PIPE W/ BRASS CAP N:588307.96' E:590637.53'</p>	<p>17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature: <i>Mikah Thomas</i> Date: 03.14.2022</p> <p>Printed Name: Mikah Thomas</p> <p>E-mail Address: mthomas@colgateenergy.com</p> <p>18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date of Survey: 2/23/2022</p> <p>Signature and Seal of Professional Surveyor: <i>Mark J. Murray</i></p> <p>Certificate Number: 12177</p>
---	---

District I

1625 N. French Dr., Hobbs, NM 88240
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District IV

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

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1 API Number 30-015-47603	2 Pool Code 48035	3 Pool Name OLD MILLMAN RANCH;BS (ASSOC)
4 Property Code 329759	5 Property Name DAWSON 34 FED COM	6 Well Number 124H
7 OGRID No. 371449	8 Operator Name COLGATE ENERGY	9 Elevation 3298.0'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	34	19-S	28-E		295'	SOUTH	560'	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	33	19-S	28-E		340'	SOUTH	18'	WEST	EDDY

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code C	15 Order No.
----------------------------------	---------------------------	-----------------------------------	---------------------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>16</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>SURFACE HOLE LOCATION (SHL) NEW MEXICO EAST - NAD 83 X=595277.35 LAT.= 32.61082388° N Y=585992.94 LONG.= 104.15815595° W NEW MEXICO EAST - NAD 27 X=554097.29 LAT.= 32.61070652° N Y=585931.23 LONG.= 104.15764866° W 295' FSL, 560' FEL - SECTION 34 295' FSL, 560' FEL - LEASE LINE</p> </div> <div style="width: 45%;"> <p>FIRST TAKE POINT (FTP) NEW MEXICO EAST - NAD 83 X=595001.00 LAT.= 32.61101495° N Y=586062.00 LONG.= 104.15905306° W NEW MEXICO EAST - NAD 27 X=553820.95 LAT.= 32.61089760° N Y=586000.29 LONG.= 104.15854575° W 365' FSL, 838' FEL - SECTION 34 365' FSL, 838' FEL - LEASE LINE MD = 7,960"</p> </div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>LAST TAKE POINT (LTP) NEW MEXICO EAST - NAD 83 X=585469.17 LAT.= 32.61081561° N Y=585975.24 LONG.= 104.19000939° W NEW MEXICO EAST - NAD 27 X=544289.14 LAT.= 32.61069859° N Y=585913.61 LONG.= 104.18950131° W 332' FSL, 245' FWL - SECTION 33 332' FSL, 245' FWL - LEASE LINE MD = 17,500'</p> </div> <div style="width: 45%;"> <p>BOTTOM HOLE LOCATION (BHL) NEW MEXICO EAST - NAD 83 X=585242.28 LAT.= 32.61083495° N Y=585981.97 LONG.= 104.19074623° W NEW MEXICO EAST - NAD 27 X=544062.24 LAT.= 32.61071793° N Y=585920.34 LONG.= 104.19023813° W 340' FSL, 18' FWL - SECTION 33 340' FSL, 18' FWL - LEASE LINE MD = 17,727</p> </div> </div> <p style="text-align: center;">CORNER DATA NEW MEXICO EAST - NAD 83 A - FOUND IRON PIPE W/ BRASS CAP N:590907.03° E:585541.35' B - FOUND 5/8" IRON ROD W/ ALUM CAP N:590925.86° E:588152.01' C - FOUND IRON PIPE W/ BRASS CAP N:590945.00° E:590760.88' D - FOUND IRON PIPE W/ BRASS CAP N:590962.75° E:593372.54' E - FOUND IRON PIPE W/ BRASS CAP N:590981.15° E:595983.74' F - FOUND IRON PIPE W/ BRASS CAP N:588340.39° E:595907.65' G - FOUND IRON PIPE W/ BRASS CAP N:585701.20° E:595828.61' H - FOUND 5/8" IRON ROD W/ ALUM CAP N:585686.35° E:593171.86' I - FOUND IRON PIPE W/ BRASS CAP N:585671.76° E:590514.87' J - FOUND IRON PIPE W/ BRASS CAP N:585656.50° E:587858.72' K - FOUND IRON PIPE W/ BRASS CAP N:585641.97° E:585202.31' L - FOUND IRON PIPE W/ BRASS CAP N:588276.86° E:585371.95' M - FOUND IRON PIPE W/ BRASS CAP N:588307.96° E:590637.53'</p>	<p>17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p style="text-align: right;">04.12.2021</p> <p>Signature _____ Date _____</p> <p>Mikah Thomas Printed Name</p> <p>mthomas@colgateenergy.com E-mail Address</p> <p>18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p style="text-align: center;"> </p> <p>Date of Survey _____ Signature and Seal of Professional Surveyor: _____</p> <p style="text-align: right;">4/12/2021</p> <p>Certificate Number _____</p>
---	---

DISTRICT I
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State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, N.M. 87505

Form C-102

Revised August 1, 2011

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District Office

AS-DRILLED

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-47705	² Pool Code 48035 & 65010	³ Pool Name Old Millman Ranch; BS & Winchester; BS
⁴ Property Code	⁵ Property Name Dawson 34 Fed Com	⁶ Well Number 133H
⁷ GRID No. 371449	⁸ Operator Name Colgate Operating, LLC	⁹ Elevation 3310

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	34	19 S	28 E		2572	South	340	East	Eddy

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	33	19 S	28 E		1702	South	13	West	Eddy

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code C	¹⁵ Order No.
---	-------------------------------	--	-------------------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16

Legend:

- = Surface Location
- = Bottom Hole Location
- ◇ = Kick Off Point (KOP)
- △ = First Take Point (FTP)
- = Last Take Point (LTP)
- ⊙ = Found 1941 USGLO Brass Cap
- ⊙ = Found 1942 USGLO Brass Cap
- ⊙ = Found Monument

NOTE:
DOWNHOLE INFORMATION TAKEN
FROM A REPORT FURNISHED
BY COLGATE ENERGY, DATED 1-05-22

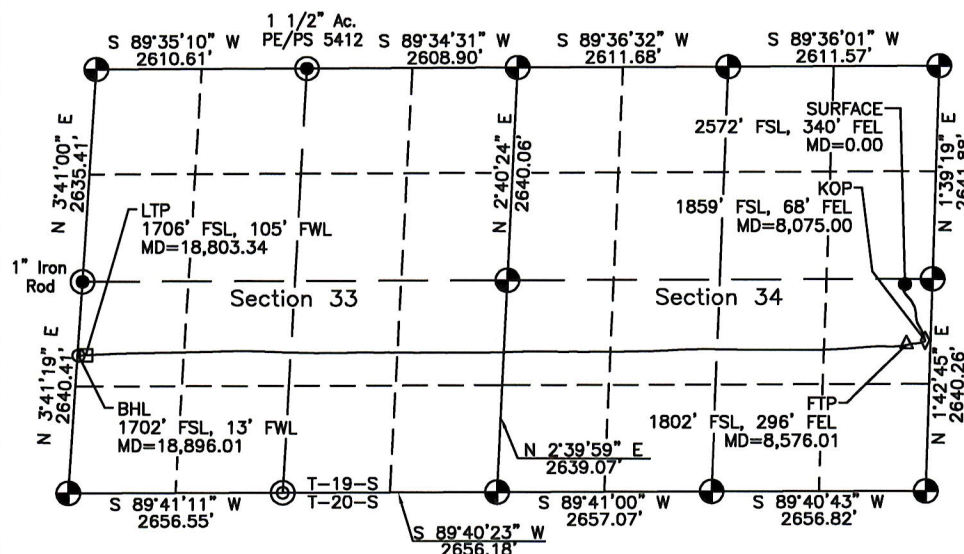
SURFACE LOCATION
NAD 83 NMSPC ZONE 3001
Y= 588271.56 N
X= 595565.49 E
LAT.= 32.6170859° N
LONG.= 104.1572079° W

KICK OFF POINT
NAD 83 NMSPC ZONE 3001
Y= 587560.14 N
X= 595816.41 E
LAT.= 32.6151292° N
LONG.= 104.1563968° W

FIRST TAKE POINT
NAD 83 NMSPC ZONE 3001
Y= 587501.65 N
X= 595586.00 E
LAT.= 32.6149695° N
LONG.= 104.1571455° W

LAST TAKE POINT
NAD 83 NMSPC ZONE 3001
Y= 587349.28 N
X= 585417.76 E
LAT.= 32.6145927° N
LONG.= 104.1901704° W

BOTTOM HOLE LOCATION
NAD 83 NMSPC ZONE 3001
Y= 587344.15 N
X= 585325.30 E
LAT.= 32.6145789° N
LONG.= 104.1904707° W



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature _____ Date _____

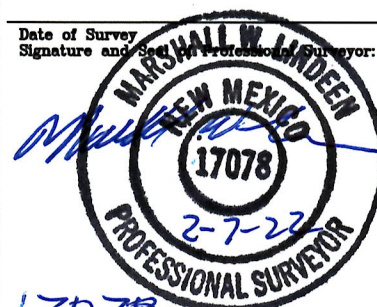
Printed Name _____

E-mail Address _____

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey _____
Signature and Seal of Professional Surveyor:



17078
Certificate Number

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-47604	2 Pool Code 48035	3 Pool Name Old Millman Ranch; Bone Spring
4 Property Code 329759	5 Property Name DAWSON 34 FED COM	6 Well Number 134H
7 OGRID No. 371449	8 Operator Name COLGATE ENERGY	9 Elevation 3299.9'

10 Surface Location


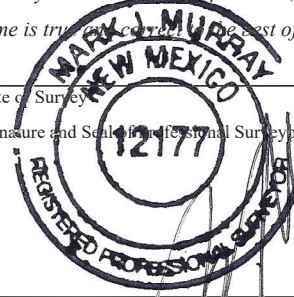
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	34	19-S	28-E		340'	SOUTH	560'	EAST	EDDY

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	33	19-S	28-E		434'	SOUTH	39'	WEST	EDDY

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code C	15 Order No.
---------------------------	--------------------	----------------------------	--------------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>16</p> <p>SURFACE HOLE LOCATION (SHL) NEW MEXICO EAST - NAD 83 X=595278.71 LAT.= 32.61094751° N Y=586037.92 LONG.= 104.15815129° W NEW MEXICO EAST - NAD 27 X=554098.66 LAT.= 32.61083015° N Y=585976.21 LONG.= 104.15764400° W 340' FSL, 560' FEL - SECTION 34 340' FSL, 560' FEL - LEASE LINE</p> <p>LAST TAKE POINT (LTP) NEW MEXICO EAST - NAD 83 X=585494.47 LAT.= 32.61109516° N Y=586076.98 LONG.= 104.18992679° W NEW MEXICO EAST - NAD 27 X=544314.44 LAT.= 32.61097814° N Y=586015.34 LONG.= 104.18941870° W 433' FSL, 264' FWL - SECTION 33 433' FSL, 264' FWL - LEASE LINE MD = 18,665.00'</p> <p>FIRST TAKE POINT (FTP) NEW MEXICO EAST - NAD 83 X=595114.85 LAT.= 32.61121742° N Y=586135.85 LONG.= 104.15868293° W NEW MEXICO EAST - NAD 27 X=553934.80 LAT.= 32.61110007° N Y=586074.14 LONG.= 104.15817562° W 439' FSL, 726' FEL - SECTION 34 439' FSL, 726' FEL - LEASE LINE MD = 9,035.00'</p> <p>BOTTOM HOLE LOCATION (BHL) NEW MEXICO EAST - NAD 83 X=585269.70 LAT.= 32.61109490° N Y=586076.58 LONG.= 104.19065676° W NEW MEXICO EAST - NAD 27 X=544089.67 LAT.= 32.61097789° N Y=586014.95 LONG.= 104.19014866° W 434' FSL, 39' FWL - SECTION 33 434' FSL, 39' FWL - LEASE LINE MD = 18,890.00'</p> <p>CORNER DATA NEW MEXICO EAST - NAD 83 A - FOUND IRON PIPE W/ BRASS CAP N:590907.03' E:585541.35' B - FOUND 5/8" IRON ROD W/ ALUM CAP N:590925.86' E:588152.01' C - FOUND IRON PIPE W/ BRASS CAP N:590945.00' E:590760.88' D - FOUND IRON PIPE W/ BRASS CAP N:590962.75' E:593372.54' E - FOUND IRON PIPE W/ BRASS CAP N:590981.15' E:595983.74' F - FOUND IRON PIPE W/ BRASS CAP N:588340.39' E:595907.65' G - FOUND IRON PIPE W/ BRASS CAP N:585701.20' E:595828.61' H - FOUND 5/8" IRON ROD W/ ALUM CAP N:585686.35' E:593171.86' I - FOUND IRON PIPE W/ BRASS CAP N:585671.76' E:590514.87' J - FOUND IRON PIPE W/ BRASS CAP N:585656.50' E:587858.72' K - FOUND IRON PIPE W/ BRASS CAP N:585641.97' E:585202.31' L - FOUND IRON PIPE W/ BRASS CAP N:588276.86' E:585371.95' M - FOUND IRON PIPE W/ BRASS CAP N:588307.96' E:590637.53'</p>	<p>17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p> 04.12.2021 Signature Date</p> <p>Mikah Thomas Printed Name</p> <p>mthomas@colgateenergy.com E-mail Address</p> <p>18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.</p> <p> Date of Survey Signature and Seal of Professional Surveyor</p> <p>4/12/2021 Certificate Number</p>
--	---

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-47707	2 Pool Code 48035 & 65010	3 Pool Name OLD MILLMAN RANCH; BS & WINCHESTER; BS
4 Property Code 32984	5 Property Name SHAMROCK 34 FED COM	6 Well Number 122H
7 OGRID No. 371449	8 Operator Name COLGATE OPERATING, LLC	9 Elevation 3310.3'

10 Surface Location

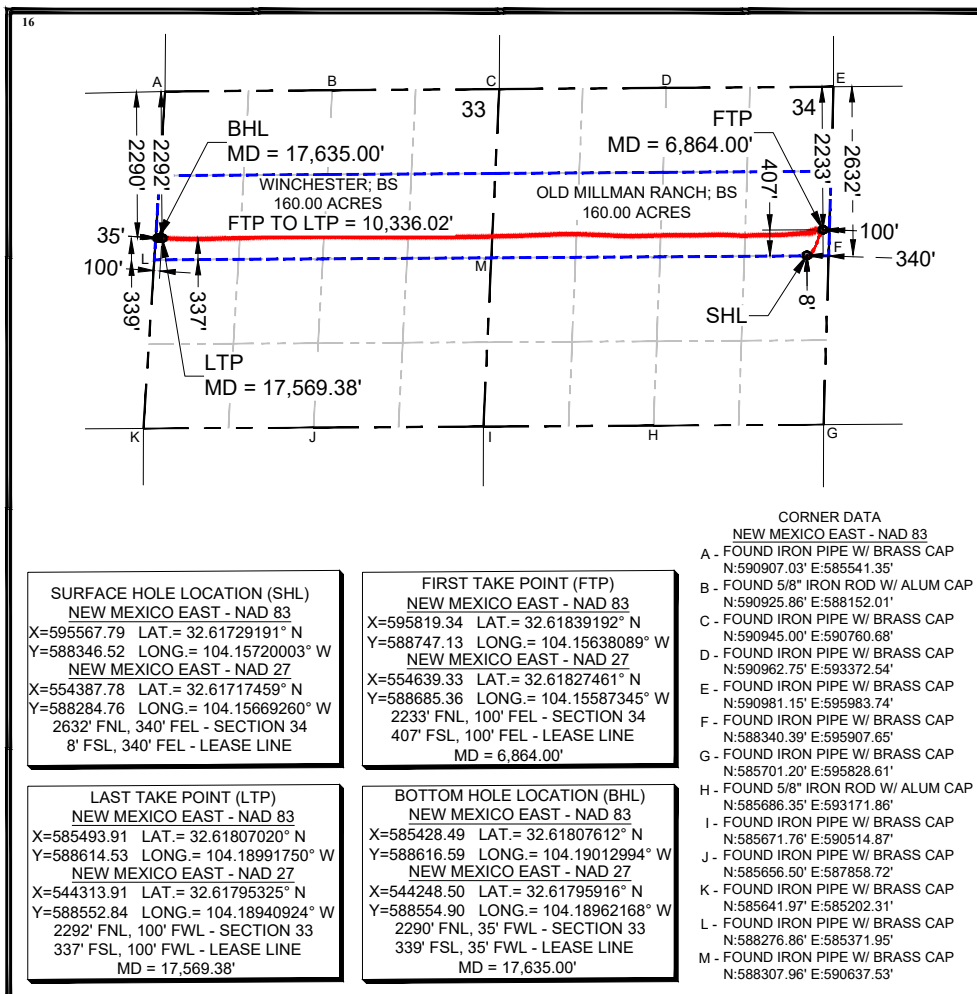
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	34	19-S	28-E		2632'	NORTH	340'	EAST	EDDY

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	33	19-S	28-E		2290'	NORTH	35'	WEST	EDDY

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

[Signature] 03.14.2022
Signature Date

Mikah Thomas

Printed Name

mthomas@colgateenergy.com

E-mail Address

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey
Signature and Seal of Professional Surveyor:



Certificate Number

2/23/2022

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
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Phone: (505) 476-3460 Fax: (505) 476-3462

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Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-47706	2 Pool Code 48035 & 65010	3 Pool Name OLD MILLMAN RANCH; BS & WINCHESTER; BS
4 Property Code 329804	5 Property Name SHAMROCK 34 FED COM	6 Well Number 121H
7 OGRID No. 371449	8 Operator Name COLGATE OPERATING, LLC	9 Elevation 3317.7'

10 Surface Location

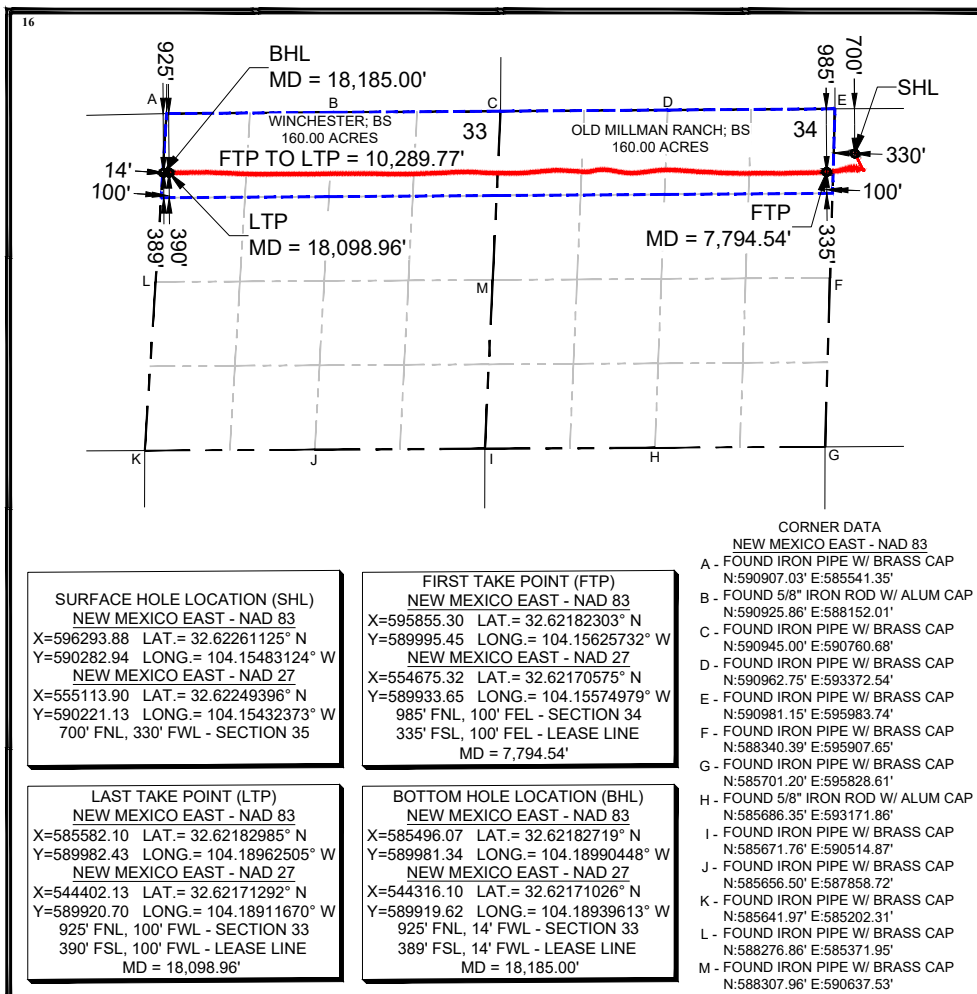
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	35	19-S	28-E		700'	NORTH	330'	EAST	EDDY

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	33	19-S	28-E		925'	NORTH	14'	WEST	EDDY

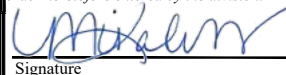
12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code C	15 Order No.
----------------------------------	---------------------------	-----------------------------------	---------------------

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17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

 02.24.2022
Signature Date

Mikah Thomas

Printed Name

mthomas@colgateenergy.com

E-mail Address

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey
Signature and Seal of Professional Surveyor:

 2/23/2022
Certificate Number

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

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1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
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District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-47708	2 Pool Code 48035 & 65010	3 Pool Name OLD MILLMAN RANCH; BS & WINCHESTER; BS
4 Property Code 329804	5 Property Name SHAMROCK 34 FED COM	6 Well Number 131H
7 OGRID No. 371449	8 Operator Name COLGATE OPERATING, LLC	9 Elevation 3317.7'

10 Surface Location

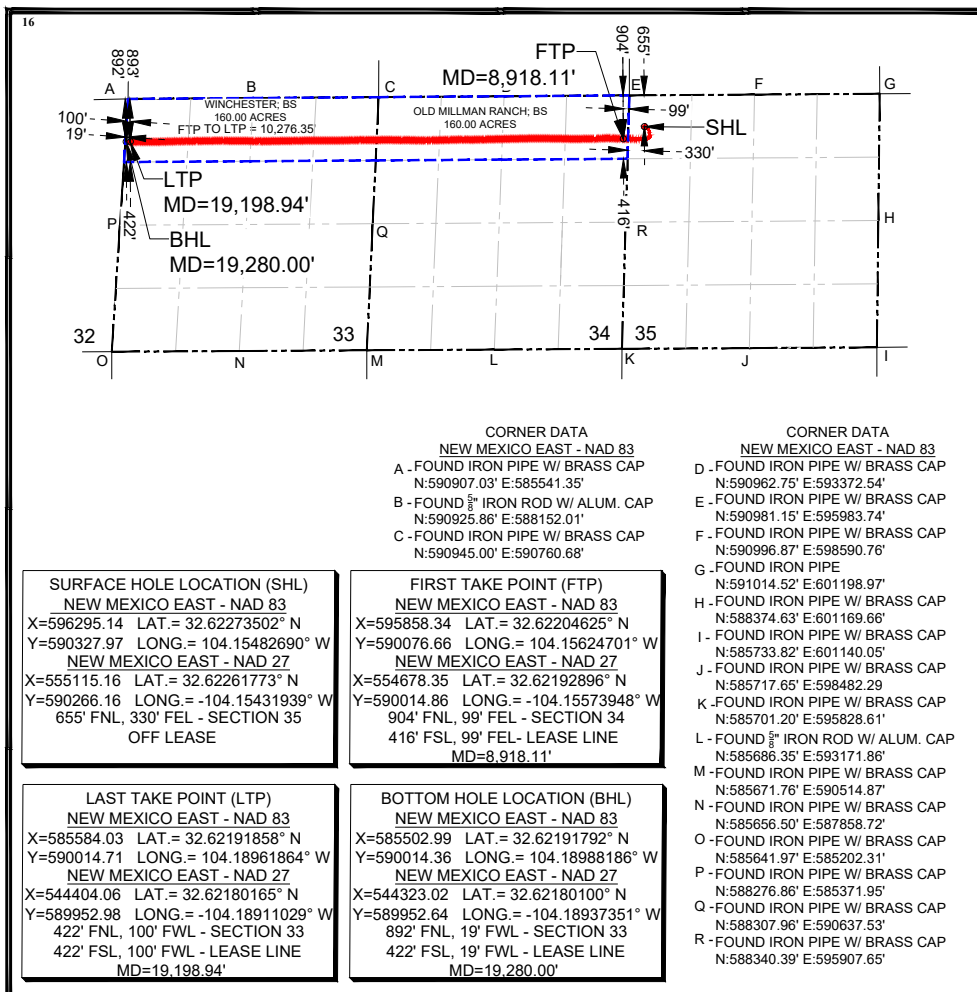
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	35	19-S	28-E		655'	NORTH	330'	WEST	EDDY

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	33	19-S	28-E		892'	NORTH	19'	WEST	EDDY

12 Dedicated Acres 320.00	13 Joint or Infill	14 Consolidation Code C	15 Order No.
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17 OPERATOR CERTIFICATION

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Mikah Thomas 03.14.2022
Signature Date

Mikah Thomas

Printed Name

mthomas@colgateenergy.com

E-mail Address

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Mark J. Murray
Date of Survey
Signature and Seal of Professional Surveyor
12177
2/23/2022
Certificate Number

DISTRICT I
1825 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. First St., Artesia, N.M. 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, N.M. 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, N.M. 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office

AS-DRILLED

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-47751	² Pool Code 65010	³ Pool Name Winchester; Bone Spring
⁴ Property Code 329804	⁵ Property Name Shamrock 34 Fed Com	⁶ Well Number 132H
⁷ OGRID No. 371449	⁸ Operator Name Colgate Operating, LLC	⁹ Elevation 3310

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	34	19 S	28 E		2609	South	340	East	Eddy

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	33	19 S	28 E		2226	North	31	West	Eddy

¹² Dedicated Acres 320.00	¹³ Joint or Infill	¹⁴ Consolidation Code C	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16

Legend:

- = Surface Location
- = Bottom Hole Location
- ◇ = Kick Off Point (KOP)
- △ = First Take Point (FTP)
- = Last Take Point (LTP)
- ⊙ = Found 1941 USGLO Brass Cap
- ⊙ = Found 1942 USGLO Brass Cap
- ⊙ = Found Monument

NOTE:
DOWNHOLE INFORMATION TAKEN
FROM A REPORT FURNISHED
BY COLGATE ENERGY, DATED 12-16-21

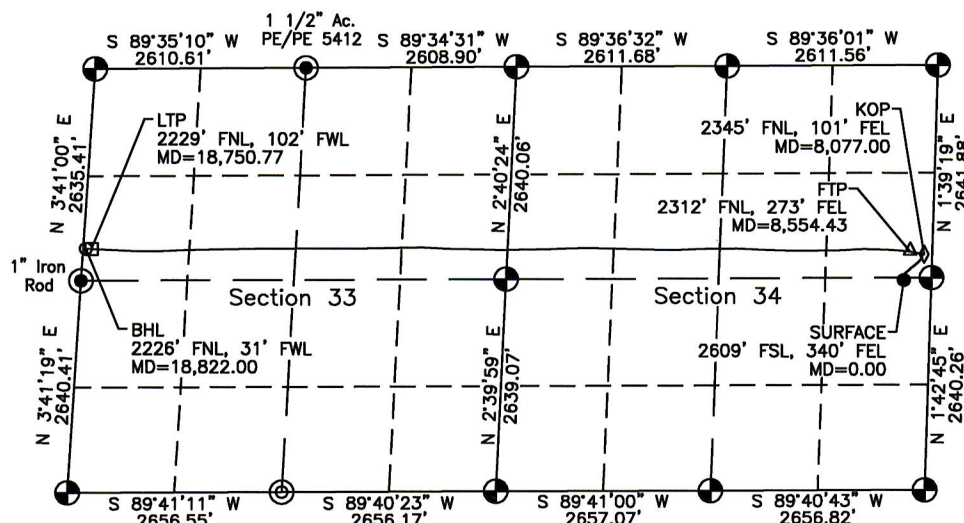
SURFACE LOCATION
NAD 83 NMSPC ZONE 3001
Y= 588309.04 N
X= 595566.64 E
LAT.= 32.6171889° N
LONG.= 104.1572040° W

KICK OFF POINT
NAD 83 NMSPC ZONE 3001
Y= 588634.46 N
X= 595814.76 E
LAT.= 32.6180822° N
LONG.= 104.1563964° W

FIRST TAKE POINT
NAD 83 NMSPC ZONE 3001
Y= 588666.67 N
X= 595643.85 E
LAT.= 32.6181716° N
LONG.= 104.1569513° W

LAST TAKE POINT
NAD 83 NMSPC ZONE 3001
Y= 588677.08 N
X= 585500.19 E
LAT.= 32.6182421° N
LONG.= 104.1898968° W

BOTTOM HOLE LOCATION
NAD 83 NMSPC ZONE 3001
Y= 588679.61 N
X= 585429.17 E
LAT.= 32.6182493° N
LONG.= 104.1901275° W



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Mikah Thomas 01.17.2022
Signature Date
Mikah Thomas
Printed Name
mthomas@colgateenergy.com
E-mail Address

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey
Signature and Seal of Professional Surveyor



17078
Certificate Number

District I

1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II

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State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015- 49657		2 Pool Code 65010		3 Pool Name WINCHESTER; BONE SPRING	
4 Property Code		5 Property Name ULURU 35 FED			6 Well Number 121H
7 OGRID No. 371449		8 Operator Name COLGATE ENERGY LLC			9 Elevation 3321'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	35	19-S	28-E		571'	NORTH	330'	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	35	19-S	28-E		330'	NORTH	10'	EAST	EDDY

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
160			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature Date 02.14.2022 Printed Name mthomas@colgateenergy.com E-mail Address
18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor Certificate Number 2/14/2022		CORNER DATA NEW MEXICO EAST - NAD 83 A. FOUND IRON PIPE W/ BRASS CAP N:590981.15' E:595983.74' B. FOUND BENT IRON PIPE W/ BRASS CAP N:590996.87' E:595990.76' C. FOUND BENT IRON PIPE N:591014.52' E:601198.97' D. FOUND BENT IRON PIPE W/ BRASS CAP N:591033.50' E:603813.10' E. FOUND IRON PIPE W/ BRASS CAP N:591051.64' E:606427.41' F. FOUND IRON PIPE W/ BRASS CAP N:588406.86' E:606443.83' G. FOUND IRON PIPE W/ BRASS CAP N:585767.43' E:606452.80' H. FOUND IRON PIPE W/ BRASS CAP N:585750.61' E:603795.52' I. FOUND IRON PIPE W/ BRASS CAP N:585733.82' E:601140.05' J. FOUND IRON PIPE W/ BRASS CAP N:585717.65' E:598482.29' K. FOUND IRON PIPE W/ BRASS CAP N:585701.20' E:595828.61' L. FOUND IRON PIPE W/ BRASS CAP N:588340.39' E:595907.65' M. FOUND IRON PIPE W/ BRASS CAP N:588374.63' E:601169.66'
SURFACE HOLE LOCATION (SHL) NEW MEXICO EAST - NAD 83 X=596297.51 LAT.= 32.62296734° N Y=590412.49 LONG.= 104.15481876° W NEW MEXICO EAST - NAD 27 X=555117.53 LAT.= 32.62285005° N Y=590350.68 LONG.= -104.15431124° W 571' FNL, 330' FWL - SECTION 35	FIRST TAKE POINT (FTP) NEW MEXICO EAST - NAD 83 X=596074.29 LAT.= 32.62362586° N Y=590651.69 LONG.= 104.15554248° W NEW MEXICO EAST - NAD 27 X=554894.31 LAT.= 32.62350858° N Y=590589.87 LONG.= -104.15503493° W 330' FNL, 100' FWL - SECTION 35	LAST TAKE POINT (LTP) NEW MEXICO EAST - NAD 83 X=601095.29 LAT.= 32.62369000° N Y=590683.81 LONG.= 104.13923361° W NEW MEXICO EAST - NAD 27 X=559915.31 LAT.= 32.62357255° N Y=590621.95 LONG.= -104.13872645° W 330' FNL, 100' FEL - SECTION 35
BOTTOM HOLE LOCATION (BHL) NEW MEXICO EAST - NAD 83 X=601185.31 LAT.= 32.62369122° N Y=590684.42 LONG.= 104.13894124° W NEW MEXICO EAST - NAD 27 X=560005.32 LAT.= 32.62357377° N Y=590622.56 LONG.= -104.13843409° W 330' FNL, 10' FEL - SECTION 35		

District I

1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II

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State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

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Santa Fe, NM 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015- 49614		2 Pool Code 65010		3 Pool Name WINCHESTER; BONE SPRING	
4 Property Code		5 Property Name ULURU 35 FED STATE COM			6 Well Number 131H
7 OGRID No. 371449		8 Operator Name COLGATE ENERGY LLC			9 Elevation 3311'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	34	19-S	28-E		2522'	NORTH	340'	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	36	19-S	28-E		990'	NORTH	10'	EAST	EDDY

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
----------------------------------	--------------------	-----------------------	--------------

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[Signature] **02.14.2022**
Signature Date

Mikah Thomas
Printed Name

mthomas@colgateenergy.com
E-mail Address

SURFACE HOLE LOCATION (SHL)
NEW MEXICO EAST - NAD 83
X=595571.18 LAT.= 32.61759411° N
Y=588456.47 LONG.= 104.15718843° W
NEW MEXICO EAST - NAD 27
X=554391.17 LAT.= 32.61747680° N
Y=588394.70 LONG.= -104.15668100° W
2522' FNL, 340' FEL - SECTION 34

FIRST TAKE POINT (FTP)
NEW MEXICO EAST - NAD 83
X=596055.27 LAT.= 32.62181144° N
Y=589991.57 LONG.= 104.15560785° W
NEW MEXICO EAST - NAD 27
X=554875.28 LAT.= 32.62169415° N
Y=589929.76 LONG.= -104.15510034° W
990' FNL, 100' FWL - SECTION 35

LAST TAKE POINT (LTP)
NEW MEXICO EAST - NAD 83
X=606333.56 LAT.= 32.62195046° N
Y=590060.94 LONG.= 104.1222328° W
NEW MEXICO EAST - NAD 27
X=565153.56 LAT.= 32.62183282° N
Y=589999.06 LONG.= -104.12171658° W
990' FNL, 100' FEL - SECTION 36

BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST - NAD 83
X=606423.56 LAT.= 32.62195173° N
Y=590061.58 LONG.= 104.12193096° W
NEW MEXICO EAST - NAD 27
X=565243.56 LAT.= 32.62183408° N
Y=589999.70 LONG.= -104.12142427° W
990' FNL, 10' FEL - SECTION 36

CORNER DATA
NEW MEXICO EAST - NAD 83

A. FOUND IRON PIPE W/ BRASS CAP
N:590981.15' E:595983.74'

B. FOUND BENT IRON PIPE W/ BRASS CAP
N:590996.87' E:595990.76'

C. FOUND BENT IRON PIPE
N:591014.52' E:601198.97'

D. FOUND BENT IRON PIPE W/ BRASS CAP
N:591033.50' E:603813.10'

E. FOUND IRON PIPE W/ BRASS CAP
N:591051.64' E:606427.41'

F. FOUND IRON PIPE W/ BRASS CAP
N:588406.86' E:606443.83'

G. FOUND IRON PIPE W/ BRASS CAP
N:585767.43' E:606452.80'

H. FOUND IRON PIPE W/ BRASS CAP
N:585750.61' E:603795.52'

I. FOUND IRON PIPE W/ BRASS CAP
N:585733.82' E:601140.05'

J. FOUND IRON PIPE W/ BRASS CAP
N:585717.65' E:598482.29'

K. FOUND IRON PIPE W/ BRASS CAP
N:585701.20' E:595828.61'

L. FOUND IRON PIPE W/ BRASS CAP
N:588340.39' E:595907.65'

M. FOUND IRON PIPE W/ BRASS CAP
N:588374.63' E:601169.66'

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

[Signature] **2/14/2022**
Date of Survey Signature and Seal of Professional Surveyor

12177
Certificate Number

MARK J. MURRAY
NEW MEXICO
REGISTERED PROFESSIONAL SURVEYOR
12177

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
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OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-49658		2 Pool Code 65010		3 Pool Name WINCHESTER; BONE SPRING	
4 Property Code		5 Property Name ULURU 35 FED STATE COM			6 Well Number 132H
7 OGRID No. 371449		8 Operator Name COLGATE ENERGY LLC			9 Elevation 3311'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	34	19-S	28-E		2547'	NORTH	340'	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	36	19-S	28-E		2310'	NORTH	10'	EAST	EDDY

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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<p>16</p>		<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>[Signature]</i> 02.14.2022 Signature Date</p> <p>Mikah Thomas Printed Name</p> <p>mthomas@colgateenergy.com E-mail Address</p>	
<p>18 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date of Survey: 2/14/2022 Signature and Seal of Professional Surveyor: <i>[Signature]</i></p> <p>12177 Certificate Number</p>		<p>CORNER DATA NEW MEXICO EAST - NAD 83</p> <p>A - FOUND IRON PIPE W/ BRASS CAP N:590981.15' E:595983.74'</p> <p>B - FOUND BENT IRON PIPE W/ BRASS CAP N:590996.87' E:595590.76'</p> <p>C - FOUND BENT IRON PIPE N:591014.52' E:601198.97'</p> <p>D - FOUND BENT IRON PIPE W/ BRASS CAP N:591033.50' E:603813.10'</p> <p>E - FOUND IRON PIPE W/ BRASS CAP N:591051.64' E:606427.41'</p> <p>F - FOUND IRON PIPE W/ BRASS CAP N:588406.86' E:606443.83'</p> <p>G - FOUND IRON PIPE W/ BRASS CAP N:585767.43' E:606452.80'</p> <p>H - FOUND IRON PIPE W/ BRASS CAP N:585750.61' E:603795.52'</p> <p>I - FOUND IRON PIPE W/ BRASS CAP N:585733.82' E:601140.05'</p> <p>J - FOUND IRON PIPE W/ BRASS CAP N:585717.65' E:598482.29'</p> <p>K - FOUND IRON PIPE W/ BRASS CAP N:585701.20' E:595828.61'</p> <p>L - FOUND IRON PIPE W/ BRASS CAP N:588340.39' E:595907.65'</p> <p>M - FOUND IRON PIPE W/ BRASS CAP N:588374.63' E:601169.66'</p>	

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OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
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District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-49613		2 Pool Code 65010		3 Pool Name WINCHESTER; BONE SPRING	
4 Property Code		5 Property Name ULURU 35 FED STATE COM			6 Well Number 133H
7 OGRID No. 371449		8 Operator Name COLGATE ENERGY LLC			9 Elevation 3311'

10 Surface Location

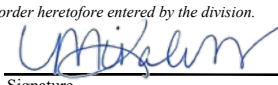
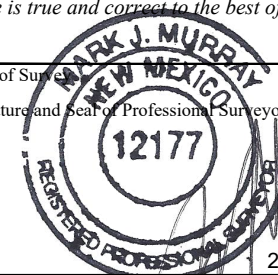
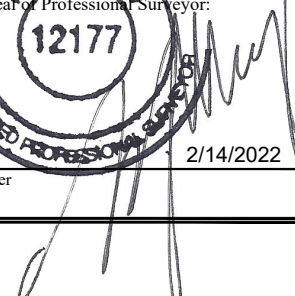
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	34	19-S	28-E		2572'	NORTH	340'	EAST	EDDY

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	36	19-S	28-E		1650'	SOUTH	10'	EAST	EDDY

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>16</p> <p>CORNER DATA NEW MEXICO EAST - NAD 83</p> <p>A - FOUND IRON PIPE W/ BRASS CAP N:590981.15' E:595983.74' B - FOUND BENT IRON PIPE W/ BRASS CAP N:590996.87' E:598590.76' C - FOUND BENT IRON PIPE N:591014.52' E:601198.97' D - FOUND BENT IRON PIPE W/ BRASS CAP N:591033.50' E:603813.10' E - FOUND IRON PIPE W/ BRASS CAP N:591051.64' E:606427.41' F - FOUND IRON PIPE W/ BRASS CAP N:588406.86' E:606443.83' G - FOUND IRON PIPE W/ BRASS CAP N:585767.43' E:606452.80' H - FOUND IRON PIPE W/ BRASS CAP N:585750.61' E:603795.52' I - FOUND IRON PIPE W/ BRASS CAP N:585733.82' E:601140.05' J - FOUND IRON PIPE W/ BRASS CAP N:585717.65' E:598482.29' K - FOUND IRON PIPE W/ BRASS CAP N:585701.20' E:598288.61' L - FOUND IRON PIPE W/ BRASS CAP N:588340.39' E:595907.65' M - FOUND IRON PIPE W/ BRASS CAP N:588374.63' E:601169.66'</p> <p>SURFACE HOLE LOCATION (SHL) NEW MEXICO EAST - NAD 83 X=595569.64 LAT.= 32.61745674° N Y=588406.49 LONG.= 104.15719370° W NEW MEXICO EAST - NAD 27 X=554389.63 LAT.= 32.61733943° N Y=588344.73 LONG.= -104.15668627° W 2572' FNL, 340' FEL - SECTION 34</p> <p>FIRST TAKE POINT (FTP) NEW MEXICO EAST - NAD 83 X=595978.10 LAT.= 32.61455676° N Y=587352.15 LONG.= 104.15587282° W NEW MEXICO EAST - NAD 27 X=554798.06 LAT.= 32.61443941° N Y=587290.40 LONG.= -104.15536549° W 1650' FSL, 100' FWL - SECTION 35</p> <p>LAST TAKE POINT (LTP) NEW MEXICO EAST - NAD 83 X=606347.19 LAT.= 32.61468238° N Y=587416.80 LONG.= 104.12219606° W NEW MEXICO EAST - NAD 27 X=565167.14 LAT.= 32.61456467° N Y=587354.97 LONG.= -104.12168957° W 1650' FSL, 100' FEL - SECTION 36</p> <p>BOTTOM HOLE LOCATION (BHL) NEW MEXICO EAST - NAD 83 X=606437.19 LAT.= 32.61468345° N Y=587417.37 LONG.= 104.12190376° W NEW MEXICO EAST - NAD 27 X=565257.14 LAT.= 32.61456574° N Y=587355.54 LONG.= -104.12139728° W 1650' FSL, 10' FEL - SECTION 36</p>		<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p> 02.14.2022 Signature Date</p> <p>Mikah Thomas Printed Name</p> <p>mthomas@colgateenergy.com E-mail Address</p>
<p>18 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p></p> <p>Date of Survey: 2/14/2022 Signature and Seal of Professional Surveyor: </p> <p>Certificate Number</p>		

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OIL CONSERVATION DIVISION
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Santa Fe, NM 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-49612		2 Pool Code 65010		3 Pool Name WINCHESTER; BONE SPRING	
4 Property Code		5 Property Name ULURU 35 FED STATE COM			6 Well Number 134H
7 OGRID No. 371449		8 Operator Name COLGATE ENERGY LLC			9 Elevation 3302'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	34	19-S	28-E		401'	SOUTH	560'	EAST	EDDY

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	36	19-S	28-E		330'	SOUTH	10'	EAST	EDDY

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: Date: 02.14.2022 Printed Name: Mikah Thomas E-mail Address: mthomas@colgateenergy.com	
18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey: 2/14/2022 Signature and Seal of Professional Surveyor: Certificate Number:		CORNER DATA NEW MEXICO EAST - NAD 83 A. FOUND IRON PIPE W/ BRASS CAP N:590981.15' E:595983.74' B. FOUND BENT IRON PIPE W/ BRASS CAP N:590996.87' E:595990.76' C. FOUND BENT IRON PIPE N:591014.52' E:601198.97' D. FOUND BENT IRON PIPE W/ BRASS CAP N:591033.50' E:603813.10' E. FOUND IRON PIPE W/ BRASS CAP N:591051.64' E:606427.41' F. FOUND IRON PIPE W/ BRASS CAP N:588406.86' E:606443.83' G. FOUND IRON PIPE W/ BRASS CAP N:585767.43' E:606452.80' H. FOUND IRON PIPE W/ BRASS CAP N:585750.61' E:603795.52' I. FOUND IRON PIPE W/ BRASS CAP N:585733.82' E:601140.05' J. FOUND IRON PIPE W/ BRASS CAP N:585717.65' E:598482.29' K. FOUND IRON PIPE W/ BRASS CAP N:585701.20' E:595828.61' L. FOUND IRON PIPE W/ BRASS CAP N:588340.39' E:595907.65' M. FOUND IRON PIPE W/ BRASS CAP N:588374.63' E:601169.66'	

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Form C-102

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District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-49654	2 Pool Code 87760	3 Pool Name Winchester: Wolfcamp (Gas)
4 Property Code	5 Property Name ULURU 35 FED STATE COM	6 Well Number 201H
7 OGRID No. 371449	8 Operator Name COLGATE ENERGY LLC	9 Elevation 3321'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	35	19-S	28-E		546'	NORTH	330'	WEST	EDDY

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	36	19-S	28-E		1650'	NORTH	10'	EAST	EDDY

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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16

SURFACE HOLE LOCATION (SHL)
NEW MEXICO EAST - NAD 83
X=596298.20 LAT.= 32.62303595° N
Y=590437.46 LONG.= 104.15481635° W
NEW MEXICO EAST - NAD 27
X=555118.22 LAT.= 32.62291866° N
Y=590375.64 LONG.= -104.15430883° W
546' FNL, 330' FWL - SECTION 35

FIRST TAKE POINT (FTP)
NEW MEXICO EAST - NAD 83
X=596036.24 LAT.= 32.61999703° N
Y=589331.44 LONG.= 104.15567322° W
NEW MEXICO EAST - NAD 27
X=554856.25 LAT.= 32.61987972° N
Y=589269.65 LONG.= -104.15516576° W
1650' FNL, 100' FWL - SECTION 35

LAST TAKE POINT (LTP)
NEW MEXICO EAST - NAD 83
X=606337.66 LAT.= 32.62013632° N
Y=589400.96 LONG.= 104.12221423° W
NEW MEXICO EAST - NAD 27
X=565157.64 LAT.= 32.62001866° N
Y=589339.09 LONG.= -104.12170759° W
1650' FNL, 100' FEL - SECTION 36

BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST - NAD 83
X=606427.65 LAT.= 32.62013759° N
Y=589401.60 LONG.= 104.12192192° W
NEW MEXICO EAST - NAD 27
X=565247.64 LAT.= 32.62001992° N
Y=589339.72 LONG.= -104.12141528° W
1650' FNL, 10' FEL - SECTION 36

CORNER DATA
NEW MEXICO EAST - NAD 83
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B. FOUND BENT IRON PIPE W/ BRASS CAP
N:590996.87' E:595590.76'
C. FOUND BENT IRON PIPE
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M. FOUND IRON PIPE W/ BRASS CAP
N:588374.63' E:601169.66'

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2.14.2022
Signature Date

Mikah Thomas
Printed Name

mthomas@colgateenergy.com
E-mail Address

18 SURVEYOR CERTIFICATION

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Date of Survey: 2/14/2022
Signature and Seal of Professional Surveyor: Certificate Number

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WELL LOCATION AND ACREAGE DEDICATION PLAT

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7 OGRID No. 371449		8 Operator Name COLGATE ENERGY LLC			9 Elevation 3302'

10 Surface Location

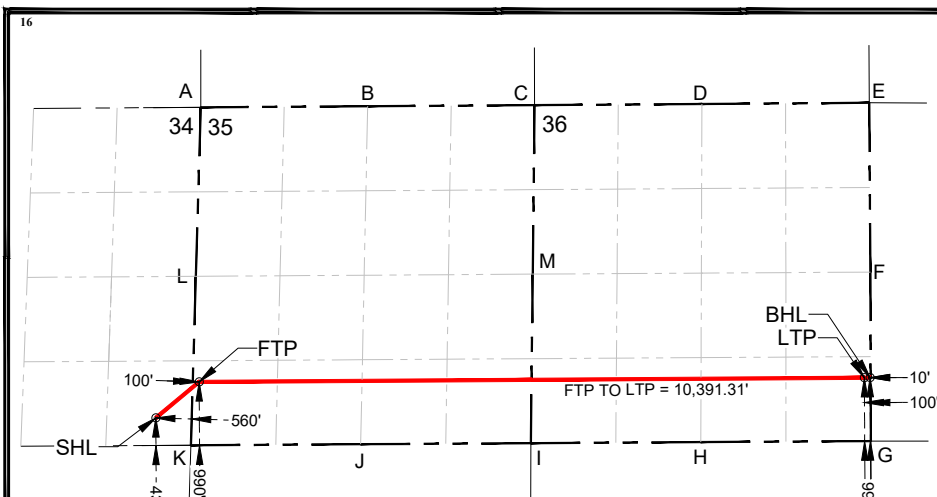
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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P	36	19-S	28-E		990'	SOUTH	10'	EAST	EDDY

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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CORNER DATA

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N:590981.15' E:595983.74'
- B - FOUND BENT IRON PIPE W/ BRASS CAP
N:590996.87' E:595980.76'
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N:585767.43' E:606452.80'
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[Signature] 02.14.2022
Signature Date

Mikah Thomas

Printed Name

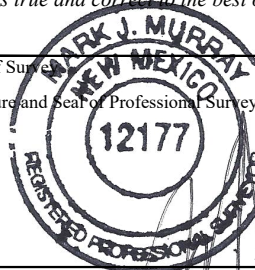
mthomas@colgateenergy.com

E-mail Address

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Date of Survey
Signature and Seal of Professional Surveyor



Certificate Number

2/14/2022

**Shipment Receipt****Address Information****Ship to:**

Commingling Manager
NM Commissioner of Public Lands
310 Old Santa Fe Trail

SANTA FE, NM
87504
US
505-827-5791

Ship from:

Colgate Energy Partners, LLC
Colgate Energy Partners, LLC
300 N Marienfeld St
Suite 1000
Midland, TX
79701
US
4326954222

Shipment Information:

Tracking no.: 777162609050
Ship date: 06/17/2022
Estimated shipping charges: 20.24 USD

Package Information

Pricing option: FedEx Standard Rate
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[EXTERNAL] Well Name: Batch Sundry, Sundry Id: 2677566, Notification of Batch Sundry Received



AFMSS <blm-afmss-notifications@blm.gov>

To  Mikah Thomas


 Reply

 Reply All

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Fri 6/17/2022 1:23 PM

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The Bureau of Land Management

Notice Of Intent Receipt

- Operator Name: **COLGATE OPERATING LLC**
- Well Name: **Batch Sundry**
- Well Number: **Batch Sundry**
- US Well Number: **Batch Sundry**
- Sundry ID: **2677566**

The BLM received your Notice Of Intent, Commingling (Surface) sundry on 06/17/2022. This is to notify you that we are processing your sundry.

You may contact the field office if you have any questions.

If we need more information we will contact you. Thank you.

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Name	Address	Address	CM_TrackingNumber
New Mexico State Land Office	P.O. Box 1148	Santa Fe, NM 87504	92071902956265901601337029
New Mexico Oil Conservation Division	811 S. FIRST STREET	ARTESIA, NM 88210	92071902956265901601337036
New Mexico Oil Conservation Division	1220 SOUTH ST. FRANCIS DRIVE	SANTA FE, NM 87505	92071902956265901601337043
United States of America, Bureau of Land Management	620 E. GREEN STREET	CARLSBAD, NM 88220	92071902956265901601337050
United States of America, Bureau of Land Management	301 Dinosaur Trail	Santa Fe, NM 87508	92071902956265901601337067
Dome Petroleum Corp.	PO Box 940970	Houston, TX 77094	92071902956265901601337074
Dorchester Exploration, Inc.	2201 E Hubbard St	Mineral Wells, TX 76067	92071902956265901601337081
Kedco Management Corporation	2525 KELL BLVD STE 301	WICHITA FALLS, TX, 76308	92071902956265901601337098
Ensourc, Inc.	1201 LOUISIANA, SUITE 1000	HOUSTON, TX 77002	92071902956265901601337104
Myrlene Mannschreck Dillon	1383 CR 141	Coleman, TX 76834	92071902956265901601337111
Estate of E. Dwayne Hamilton	1497 Cr 141	Coleman, TX 76834	92071902956265901601337128
John S. Ross, Jr.	110 N. Woodrow Lane, Suite 120	Denton, TX 76205	92071902956265901601337135
J. W. Davis	299 West 31st Street, Cottage 473	Sea Island, GA 31561	92071902956265901601337142
Trustee(s) of the Alice G. Davis Trust under Declaration of	299 West 31 St, Cottage 473	Sea Island, GA 31561	92071902956265901601337159
Paul Umbarger and Zofia Umbarger	3804 Brandon Ave. SW, Apt. 122	Roanoke, VA 24018	92071902956265901601337166
Galkay, a joint venture	380 Knollwood St., Ste. 610	Winston Salem, NC 27103	92071902956265901601337173
Bill Ferguson	2700 Liberty Tower	OK City, OK 73102	92071902956265901601337180
John G. Rocovich, Jr.	P. O. BOX 13606	Roanoke, VA 24035	92071902956265901601337197
Robert H. Kriebble	PO Box 507	Old Lyme, CT 06371	92071902956265901601337203
Estate of John R. Kline	206 Matula Ave.	Schulenburg, TX 78956	92071902956265901601337210
Ginger Lee Meyers	1305 North Hudson Ave, Apt 509	OK, OK 73103	92071902956265901601337227
Donna Marie Studer, Admin, Estate of Genevieve Studer	817 Jodie Drive	Weatherford, TX 76087	92071902956265901601337234
Connie Gale Becker	1005 East 90th Court North	Owasso, OK 74055	92071902956265901601337241
Carl Joseph Garrett	237 Simmons Dr.	Hurst, TX 76053	92071902956265901601337258
Estate of Gerald L. Michard	8911 E. Douglas Ave	Wichita, KS 67207	92071902956265901601337265
William L. Hilliard	313 E Loma Alta Dr.	Altadena, CA 91001	92071902956265901601337272
Sombrero Associates	1 Chase Manhattan Plaza	New York, NY 10005	92071902956265901601337289
Reeves County Systems, Inc.	PO BOX 152	ODESSA TX 79760	92071902956265901601337296
Ted J. Werts	426 Courtleigh St	Wichita, KS 67218	92071902956265901601337302
Mary L. Kline	2638 Burton St. SE	Grand Rapids, MI 49546	92071902956265901601337319
Lillie Costanzo, Trust for the benefit of Brian Balliet	325 Russet Run	Pittsboro, NC 27312	92071902956265901601337326
Douglas C. Cranmer	772 White Grotto Street	Las Vegas, NV 89138	92071902956265901601337333
Russell B. Cranmer	707 N. Lake Crest Pl	Andover, KS 67002	92071902956265901601337340
Douglas C. Cranmer and Russell B. Cranmer,	707 N Lakecrest Pl	Andover, KS 67002	92071902956265901601337357
Estate of Robert G. Ettelson	416 Sheridan Road	Highland Park, IL 60035	92071902956265901601339177
J. Manly Bryan and wife, Joanne L Bryan, for the	PO BOX 33349	Fort Worth, TX 76162	92071902956265901601337364
Charles Eugene Cooper Trust	P.O. Box 117	Canyon, TX 79015	92071902956265901601337371
Dorsar Investment Company	4855 N Mesa St UNIT 120	El Paso, TX 79912	92071902956265901601337388
Virginia B. Dean, Clinton H. Dean, Jr., and Robert Russell Dean,	6006 Balcones Ct. No. 32	El Paso, TX 79912	92071902956265901601337395
Virginia B. Dean	6006 Balcones Ct. No. 32	El Paso, TX 79912	92071902956265901601337401
Clinton H. Dean, Jr.	6006 Balcones Ct. No. 32	El Paso, TX 79912	92071902956265901601337418
Michael C. Dean	13306 Onion Creek Dr.	Manchaca, TX 78652	92071902956265901601337425
Robert R. Dean	22747 Estacado St.	San Antonio, TX 78216	92071902956265901601337432
Harvard Exploration Company	200 E 2nd St	Roswell, NM 88201	92071902956265901601337449
Cheron Oil & Gas Company, Inc.	P.O. Box 1722	Tulsa, OK 74101	92071902956265901601337456
Pregler Oil Company, LLC	110 W 7th St STE 720	Tulsa, OK 74119	92071902956265901601337463
Beaird Mineral Interests, LP	11300 N CNTL EXPY STE 100	DALLAS, TX, 75243	92071902956265901601337470
John B. Meaders	2908 Corby Dr	Plano, TX 75025	92071902956265901601337487
Mallory L. Miller, Jr.	4617 117th St	Lubbock, TX 79424	92071902956265901601337494
Paul Burke Miller	9931 W Riverside Dr Apt 1207	Bothell, WA 98011	92071902956265901601337500
Patricia Louis Miller	5413 Topper Dr	North Richland Hills, TX 76180	92071902956265901601337517
Michael Harrison Moore, Trustee of the	PO BOX 51570	Midland, TX 79710	92071902956265901601337524
Richard Lyons Moore 2006 Trust	16400 Dallas Parkway Suite 400	Dallas, TX 75248	92071902956265901601337531
Krista Alicen Stephenson Trust	1799 Oak Ridge St.	Hideaway, TX 75771	92071902956265901601337548
Abbejane Masterson Bates	7433 Marquette Street	Dallas, TX 75225	92071902956265901601337555
Lawrence O. Price	22770 Freyermuth Rd	Meadville, PA, 16335	92071902956265901601337562
Wes-Tex Drilling Company	400 Pine St # 700	Abilene, TX 79601	92071902956265901601337579
James Kenneth Garrett	1293 Buck Ridge Drive NE	Rochester, MN 55906	92071902956265901601337586
Joyce Eline Garrett	625 Dayton Ave.	St. Paul, MN 55104	92071902956265901601337593
JCI Investments LLC	PO Box 1048	Pentwater, MI 49449	92071902956265901601337609
Estate of Gisella Olivero	PO Box 3372	Pinnacle, CA 93650	92071902956265901601337616
Frank J. Pisor, Jr.	11126 S Orange Ave	Fresno, CA 93725	92071902956265901601337623
D. Lloyd Henderson	332 San Saba St.	Meadowlake, TX 78654	92071902956265901601337630
Thomas B. Lemann and wife, Barbara Lemann	6020 Garfield St	New Orleans, LA 70118	92071902956265901601337647
Estate of J.M. Dunbar & Amanda P. Dunbar	724 Ridgeside Dr	Golden, CO 80401	92071902956265901601337654
Harvey S. Apple and wife, Carolyn Apple	801 MANN AVENUE	ARTESIA, NM 88210	92071902956265901601337661
Estate of Gisella Olivero	6050 N. Marks #137	Fresno, CA 93711	92071902956265901601337678
George W. Strake, Jr.	712 Main St, Suite 3300	Houston, TX 77002	92071902956265901601337685
SMAC Oil Limited Partnership	PO Box 4190	Scottsdale, AZ 85253	92071902956265901601337692
BCRK	2004 Wyckham Place	Norman, OK 73072	92071902956265901601337708
CMP Viva LP	600 Travis St, Suite 7200	Houston, TX 77002	92071902956265901601337715
Catherine F. Sweeney	PO Box 8248	Santa Fe, NM 87504	92071902956265901601337722
Virginia K. Edelson	25 Seminole Circle	West Hartford, CT 06117	92071902956265901601337739
Sylvia K. Gibbs	1801 LaVaca	Austin, TX 78701	92071902956265901601337746
Estate of Maylon S. Baker	2405 W. Indiana Ave	Midland, TX 79701	92071902956265901601337753
Sharron Wolfenbarger Jones	8207 NE Ward Rd	Vancouver, WA 98682	92071902956265901601337760
John D. Keslar	Box 13	Oxford, NE 68967	92071902956265901601337777

Name	Address	Address	CM_TrackingNumber
Bill Smithton	3415 Lakside Lane	Woodward, OK 73801	92071902956265901601337784
Baber Well Servicing Co.	PO BOX 1772	HOBBS, NM 88241	92071902956265901601337791
Estate of Ralph E. Williamson	PO Box 50498	Austin, TX 78763	92071902956265901601337807
Karl F. Koch	14140 Bruan Rd	Golden, CO 80401	92071902956265901601337814
Mark and Paula McClellan	601 Tierra Berrenda Dr	Roswell, NM 88201	92071902956265901601337821
Ross and Kandace McClellan	105W 3rd St Ste 316	Roswell, NM 88202	92071902956265901601337838
Abuelo, LLC	PO Box 772	Artesia, NM 88211	92071902956265901601337845
Brian Eamer	30725 Manzano Dr.	Malibu, CA, 90265	92071902956265901601337852
Brian Eamer	30745 Pacific Coast Hwy, Ste #21	Malibu, CA 90265	92071902956265901601337869
Carol Sue Mhoon	5191 Jamaica Beach	Galveston, TX 77554	92071902956265901601337876
Charles E. Moser and Vicky Moser, Trustees of the	17249 E. Fort Verde Rd.	Rio Verde, AZ 85263	92071902956265901601337883
Charles L. Johnson	13322 Hampton Bend Lane	Houston, TX 77070	92071902956265901601337890
Cheryl Diane Etheredge, Trustee of the	4352 Westside Drive	Dallas, TX 75209	92071902956265901601337906
Ergodic Resources, LLC	P.O. Box 2021	Roswell, NM 88202	92071902956265901601337913
Erin Eamer	4592 Via Vistosa	Santa Barbara, CA 93110	92071902956265901601337920
FlatRock Royalties LLC	3720 Crestview Dr.	Artesia, NM 88210	92071902956265901601337937
Frank J. Pisor	6319 N 8th St	Fresno, CA 93710	92071902956265901601337944
Greenville Partners	6116 N Central EXPY	Dallas, TX 75206	92071902956265901601337951
Heirs of George A.Lauck and Molly Lauck	2036 N. Thorne Ave.	Fresno, CA 93704	92071902956265901601337968
Heirs of George A.Lauck and Molly Lauck	151 Vernal Dr.	Alamo, CA 94507	92071902956265901601337975
James A. Lawson	4816 Rosewood Dr	Midland, TX 79707	92071902956265901601337982
James A. Lawson	PO Box 806	Port Isabel, TX 78578	92071902956265901601337999
Kevin Hammitt	3000 Callaway Dr	Midland, TX 79707	92071902956265901601338002
Kevin Hammitt	PO Box 50880	Midland, TX 79710	92071902956265901601338019
Loco Hills Production Company, LLC	P. O. Box 779	Artesia, NM 88211	92071902956265901601338026
Lori Lynn Johnson Nelson	27 Agricultural Avenue	Rehoboth, MA 02769	92071902956265901601338033
Magnum Hunter Production, Inc.	600 North Marienfeld, Suite 600	Midland, TX 79701	92071902956265901601338040
Marathon Oil Permian, LLC	PO Box 732312	Dallas, TX 75373	92071902956265901601338057
Mark and Paula McClellan	PO Box 730	Roswell, NM 88202	92071902956265901601338064
Mark and Paula McClellan	5076 Bright Sky Rd	Roswell, NM 88201	92071902956265901601338071
Marshall & Winston, Inc.	PO BOX 50880	Midland, TX 79710	92071902956265901601338088
Michael O. Johnson	10427 Lazy Meadows	Houston, TX 77064	92071902956265901601338095
Mongoose Minerals, LLC	600 W. Illinois Avenue	Midland, TX 79701	92071902956265901601338101
Mountain Lion Oil & Gas, LLC	7941 Katy Freeway #117	Houston, TX 77024	92071902956265901601338118
Nestegg Energy Corp.	2308 SIERRA VISTA	Artesia, NM 88210	92071902956265901601338125
Ross and Kandace McClellan	3982 S. Spring Loop	Roswell, NM 88203	92071902956265901601338132
Silverhair, LLC	1301 LEWIS RD.	Artesia, NM 88210	92071902956265901601338149
William G. Ross and Vee K. Ross, Trustees of the	2229 Western Dr	Midland, TX 79705	92071902956265901601338156
William G. Ross and Vee K. Ross, Trustees of the	PO Box 86	Midland, TX 79702	92071902956265901601338163
Adene L. Sealy	2362 Terraridge Dr	Highlands Ranch, CO 80126	92071902956265901601338170
B and H Royalty Company	PO Box 1	Tyler, TX 75710	92071902956265901601338187
B and H Royalty Company	3064 Concord Place	Tyler, TX 75701	92071902956265901601338194
Becky Ruth Welch Panek	7011 E. Brooks Drive	Tucson, AZ 85730	92071902956265901601338200
Becky Ruth Welch Panek	9 Pinto Trail	Sonoita, AZ 85637	92071902956265901601338217
Bryan Winston Welch	7231 E Speedway Blvd.	Tucson, AZ 85710	92071902956265901601338224
Byrl W. Harris	3326 Rosemont Way	Eugene, OR 97401	92071902956265901601338231
C5 Capital Management, LLC	PO Box 2218	Albany, TX 76430	92071902956265901601338248
Catherine E. Huffman	P.O. Box 100429	Fort Worth, TX 76185	92071902956265901601338255
Claudia Baker	4317 Cline Rd.	Amarillo, TX 79110	92071902956265901601338262
COG Operating LLC	600 West Illinois	Midland, TX 79701	92071902956265901601338279
Donna Marie Studer, Administrator, Estate of Genevieve Studer	953 Mesa Vista Dr.	Crowley, TX 76036	92071902956265901601338286
Douglas Cranmer	202 North Gateway Circle	Wichita, KS 67230	92071902956265901601338293
KMT Energy Holdings, LLC	8235 Douglas Ave, Suite 400	Dallas, TX 75225	92071902956265901601338309
Edna Louise Miller	1106 Cincinnati	El Paso, TX 79902	92071902956265901601338316
Edward J. Brown	211 W. Franklin	Naperville, IL 60540	92071902956265901601338323
Elizabeth Tullis Dillard	217 Tremont Dr	Ruston, LA 71270	92071902956265901601338330
Five Js Plus L, Inc.	24726 Robert Guy Rd.	Hidden Hills, CA 91302	92071902956265901601339184
Galkay, a Joint Venture	380 Knollwood St., Ste. 610	Winston Salem, NC 27103	92071902956265901601338354
Gene Wood Joint Venture Account	10905 Academy Ridge Rd. NE	Albuquerque, NM 87111	92071902956265901601338361
Geoffrey Lanceley	4226 Oberlin Street	Houston, TX 77005	92071902956265901601338378
Gerald L. Michaud	8911 E. Douglas Ave	Wichita, KS 67207	92071902956265901601338385
Gerald L. Michaud	11015 East 63rd Street South	Derby, KS 67037	92071902956265901601338392
Gregory Martin Hansen	1470 Sunset Plaza Dr.	Los Angeles, CA 90069	92071902956265901601338408
Ginger Lee Meyers	1305 North Hudson Ave., Apt. 509	OK City, OK 73103	92071902956265901601338415
Hans Eric Hansen	28489 Fireweed Drive	Evergreen, CO 80439	92071902956265901601338422
HCH Investment, LLC	PO Box 3097	Albany, TX 76430	92071902956265901601338439
Hodge Natural Gas Gathering, Inc.	PO Box 1677	Pharr, TX 78577	92071902956265901601338446
Homer L. Wedig	6057 Airhaven Street	Dallas, TX 75229	92071902956265901601338453
International Petroleum Corp.	16800 Greenspoint Park, Suite 225N	Houston, TX 77060	92071902956265901601338460
Intrepid Energy, Inc.	3614 Royal Rd.	Amarillo, TX 79109	92071902956265901601338477
James M. Welch	2707 N. Flanwill	Tucson, AZ 85716	92071902956265901601338484
James Kenneth Garrett	1293 Buck Ridge Drive NE	Rochester, MN 55906	92071902956265901601338491
James W. Bowen	317 Who Who Drive	Carlsbad, NM 88220	92071902956265901601338507
James W. Doak Jr.	12463 Los Indios Trail, Apt. 109	Austin, TX 78729	92071902956265901601338514
JCI Investments, LLC	PO Box 1048	Pentwater, MI 49449	92071902956265901601338521
JoAnne Hutchens	2300 Woodland Dr.	Durant, OK 74701	92071902956265901601338538
Nancy Hutchens Mowrey	7002 Forest Lane	Dallas TX 75230	92071902956265901601338545

Name	Address	Address	CM_TrackingNumber
C.T. Hutchens, III	P.O. Box 374	Madill, OK 73446	92071902956265901601338552
Eric Schmitz	P.O. Box 669	Argyle, TX 76226	92071902956265901601338569
John G. Rocovich & Sue Ellen Rocovich	P. O. BOX 13606	Roanoke, VA 24034	92071902956265901601338576
John G. Willy	Po Box 2092	Angleton, TX 77516	92071902956265901601338583
John T. Olive	6329 Camino Fuente Dr.	El Paso, TX 79912	92071902956265901601338590
Joyce Ann Hansen	196 Deer Park Drive	Alto, NM 88312	92071902956265901601338606
Joyce Eline Garrett	625 Dayton Ave.	St. Paul, MN 55104	92071902956265901601338613
Malcolm G. MacNeill	3086 Perriwinkle Cir	Davie, FL 33328	92071902956265901601338620
Margaret A. McCloud & Thomas D. McCloud,	11541 Norma Ln	Garden Grove, CA 92840	92071902956265901601338637
Margaret Andrews Avery	PO BOX 5070	Hemet, CA 92544	92071902956265901601338644
Martin T. Hart	Lock Box 847525	Dallas, TX 75284	92071902956265901601338651
Michelle Rank	18027 Brookes Bend	Houston, TX 77094	92071902956265901601338668
Michelle Rank	10211 Hazelhurst Dr.	Houston, TX 77043	92071902956265901601339191
Nelson & Co., for the benefit of John D. Wile Marital Trust	PO Box 259	Willman, CT 06226	92071902956265901601338675
Nicole Williams	21615 Champagne Dr. W	Porter, TX 77365	92071902956265901601338682
Northern Oil & Gas, Inc.	4350 Baker Road, Suite 400	Minnetonka, MN 55343	92071902956265901601338699
Peggy Runyan	316 Bridgepoint Dr.	Kingsland, TX 78639	92071902956265901601338705
Raquel L. Womack	1701 N. Market Street, Suite 404	Dallas, TX 75202	92071902956265901601338712
Richard J. Vance & Lorraine Vance	1216 West Oregon Ave	Phoenix, AZ 85013	92071902956265901601338729
Richard Pruett	3804 Ross St	Amarillo, TX 79118	92071902956265901601338736
Robert G. Ettleson	161 E Chicago Ave. #38D	Chicago, IL 60611	92071902956265901601338743
Robert K. Hillin, Jr.	4450 Eck Lane	Austin, TX 78734	92071902956265901601338750
Russell Cranmer	707 N. Lake Crest PL	Andover, KS 67002	92071902956265901601338767
Stacy Ann Welch Green	9 Pino Trl	Sonoita, AZ 85637	92071902956265901601338774
Stanley F. Smith	6908 Stonehenge Rd.	Odessa, TX 79765	92071902956265901601338781
Teryl D. Meyers, Trustee of the Teryl D.	1943 Yajome Street	Napa, CA 94559	92071902956265901601339207
The Egbert Living Trust dated April 1, 2005	4910 Olmos	El Paso, TX 79922	92071902956265901601338804
Virginia D. Kriz-Neessen	505 Lombardy Ave.	El Paso, TX 79922	92071902956265901601338811
Wildcat Energy, LLC	PO Box 13323	Odessa, TX 79768	92071902956265901601338828
Wilfred E. Blessing & Victor F. Bogard, Co-Trustees of	13330 W. Jadestone Dr.	Sun City West, AZ 85375	92071902956265901601338835
Wilfred E. Blessing & Victor F. Bogard, Co-Trustees of Trust	13330 W. Jadestone Dr.	Sun City West, AZ 85375	92071902956265901601338842
BRETT C BARTON	1919 NORTH TURNER STREET	HOBBS, NM 88240	92071902956265901601339214
HEIDI BARTON	2008 N VEGA	HOBBS, NM 88240	92071902956265901601338859
ROY G BARTON JR	1919 NORTH TURNER STREET	HOBBS, NM 88240	92071902956265901601338866
ROY G BARTON III	2477 GLYNDON AVE	VENICE, CA 90291	92071902956265901601338873
SHARON O BLACKARD	3340 CROWN DRIVE	INDEPENDENCE, KS 67301	92071902956265901601338880
GRANT BYNUM	2561 GREEN OAK DRIVE	CARROLLTON, TX 75010	92071902956265901601338897
MATTHEW L BYNUM	114 SPRINGWOOD LANE	SAN ANTONIO, TX 78216	92071902956265901601338903
STANLEY A BYNUM	8524 STALLION COURT	DENTON, TX 76208	92071902956265901601338910
ROBERT AND JEANNINE BYRON REVOCABLE TRUST DTD 6/18/03	P O BOX 1562	ROSWELL, NM 88202	92071902956265901601339221
CBF COMPANY C/O WELLS FARGO BANK NEW MEXICO N A - SAO	P O BOX 40909	AUSTIN, TX 78704	92071902956265901601338927
NORMA JANE CHANLEY	P O BOX 728	HOBBS, NM 88241	92071902956265901601338934
JANICE COLEY	21739 HARDY OAK BLVD APT 6101	SAN ANTONIO, TX 78258	92071902956265901601338941
ZONETTA MOORE DORLAND ESTATE, PATRICIA C STEWART EXECTRIX	101 CAROLYN RD	NOCONA, TX 76255	92071902956265901601338958
ESTATE OF D L DORLAND, VIRGINIA BLACK, EXECUTRIX	3 SAN MIGUEL SQUARE	ODESSA, TX 79762	92071902956265901601338965
MARY LYNN FOREHAND	403 SAN JUAN MANOR	CARLSBAD, NM 88220	92071902956265901601338972
GRACE GEIST	9831 CAMINO VILLA APT 1513	SAN ANTONIO, TX 78254	92071902956265901601338989
DONNA GLOYNA	6951 DUBLIN DRIVE	BROWNWOOD, TX 76801	92071902956265901601338996
CAROLINA GREENE	400 E ARRIBA	HOBBS, NM 88240	92071902956265901601339009
R R HINKLE COMPANY INC	P O BOX 2292	ROSWELL, NM 88202	92071902956265901601339016
PATRICK EDGAR HUDSON	3363 E RIALTO AVE	FRESNO, CA 93726	92071902956265901601339023
E L LATHAM MINERALS, LLC CO DIANE LATHAM HANLEY AIF	PO BOX 100912	FT WORTH, TX 76185	92071902956265901601339030
MARY LOU MORRIS	7550 CR 284	BLANKET, TX 76432	92071902956265901601339047
RACHEL NAGEL	825 MELANY LANE	COLORADO SPGS, CO 80907	92071902956265901601339054
JENNIFER ROEHRMAN	1360 PAWPRINT CT	COLO SPGS, CO 80921	92071902956265901601339061
KENDELL ROSFELD & SALLY TURNER ROSFELD	9338 WELLINGTON PARK CIRCLE	TAMPLA, FL 33647	92071902956265901601339078
KYLE F SHEPARD	2008 N FOWLER	HOBBS, NM 88240	92071902956265901601339085
WILLIAM WADE SHIPLEY	3445 SHENANDOAH STREET	DALLAS, TX 75205	92071902956265901601339092
SOFTVEST LP	P O BOX 89	ABILENE, TX 79604	92071902956265901601339108
SOFTSEARCH INVESTMENT LP	P O BOX 89	ABILENE, TX 79604	92071902956265901601339115
STAGNER LLC HARVEY & SIMONS CPAS LLC	P O BOX 57	CARLSBAD, NM 88221	92071902956265901601339238
WILMA EVELYN VOIGT	1103 NORTH SHORE	CARLSBAD, NM 88220	92071902956265901601339122
ROY THOMAS WELCH	903 GRINNELL ROAD	GARFIELD, WA 99130	92071902956265901601339139
Sarador, a Partnership	4971 Vista Del Monte St.	El Paso, TX 79922	92071902956265901601339146

Federal Communitization Agreement

Contract No. _____

THIS AGREEMENT entered into as of the 1st day of October, 2020, by and between the parties subscribing, ratifying, or consenting hereto, such parties being hereinafter referred to as "parties hereto."

WITNESSETH:

WHEREAS, the Act of February 25, 1920 (41 Stat. 437), as amended and supplemented, authorizes communitization or drilling agreements communitizing or pooling a Federal oil and gas lease, or any portion thereof, with other lands, whether or not owned by the United States, when separate tracts under such Federal lease cannot be independently developed and operated in conformity with an established well-spacing program for the field or area and such communitization or pooling is determined to be in the public interest; and

WHEREAS, the parties hereto own working, royalty or other leasehold interests, or operating rights under the oil and gas leases and lands subject to this agreement which cannot be independently developed and operated in conformity with the well-spacing program established for the field or area in which said lands are located; and

WHEREAS, the parties hereto desire to communitize and pool their respective mineral interests in lands subject to this agreement for the purpose of developing and producing communitized substances in accordance with the terms and conditions of this agreement:

NOW, THEREFORE, in consideration of the premises and the mutual advantages to the parties hereto, it is mutually covenanted and agreed by and between the parties hereto as follows:

1. The lands covered by this agreement (hereinafter referred to as "communitized area") are described as follows:

Township 19 South, Range 28 East:

Section 33: S/2S/2

Section 34: S/2S/2

Eddy County, New Mexico

Containing **320.0** acres, and this agreement shall include only the Bone Spring formation underlying said lands and the associated gaseous hydrocarbons hereafter referred to as "communitized substances," producible from such formation.

2. Attached hereto, and made a part of this agreement for all purposes is Exhibit "A", a plat designating the communitized area and, Exhibit "B", designating the operator of the communitized area and showing the acreage, percentage and ownership of oil and gas interests in all lands within the communitized area, and the authorization, if any, for communitizing or pooling any patented or fee lands within the communitized area.

3. The Operator of the communitized area shall be Colgate Operating, LLC, whose address is 300 N. Marienfeld Street, Suite 1000, Midland, Texas 79701. All matters of operations shall be governed by the operator under and pursuant to the terms and provisions of this agreement. A successor operator maybe designated by the owners of the working interest in the communitized area and four (4) executed copies of a designation of successor operator shall be filed with the Authorized Officer.
4. Operator shall furnish the Secretary of the Interior, or his authorized representative, with a log and history of any well drilled on the communitized area, monthly reports of operations, statements of oil and gas sales and royalties and such other reports as are deemed necessary to compute monthly the royalty due the United States, as specified in the applicable oil and gas operating regulations.
5. The communitized area shall be developed and operated as an entirety, with the understanding and agreement between the parties hereto that all communitized substances produced there from shall be allocated among the leaseholds comprising said area in the proportion that the acreage interest of each leasehold bears to the entire acreage interest committed to this agreement.

If the communitized area approved in this Agreement contains unleased Federal lands, the value of $1/8^{\text{th}}$ or $12 \frac{1}{2}$ percent for the Federal lands, of the production that would be allocated to such Federal lands, described above, if such lands were leased, committed and entitled to participation, shall be payable as compensatory royalties to the Federal government. The remaining $7/8^{\text{th}}$ should be placed into an escrow account set up by the operator. Parties to the Agreement holding working interest in committed leases within the applicable communitized area are responsible for such royalty payments on the volume of the production reallocated from the unleased Federal lands to their communitized tracts as set forth in Exhibit "B" attached hereto. The value of such production subject to the payment of said royalties shall be determined pursuant to the method set forth in 30 CFR Part 1206 for the unleased Federal lands. Payment of compensatory royalties on the production reallocated from the unleased Federal lands to the committed tracts within the communitized area shall fulfill the Federal royalty obligation for such production. Payment of compensatory royalties, as provided herein, shall accrue

from the date the committed tracts in the communitized area that includes unleased Federal land receive a production allocation, and shall be due and payable by the last day of the calendar month next following the calendar month of actual production. Payment due under this provision shall end when the Federal tract is leased or when production of communitized substances ceases within the communitized area and the Communitization Agreement is terminated, whichever occurs first.

Any party acquiring a Federal lease of the unleased Federal lands included in the communitized area established hereunder, will be subject to this Agreement as of the effective date of the Federal leases to said party (ies). Upon issuance of the Federal lease and payment of its proportionate cost of the well, including drilling, completing and equipping the well, the acquiring party (ies) shall own the working interest described in the Tract, as described on Exhibit "B", and shall have the rights and obligations of said working interest as to the effective date of the Federal Lease.

6. The royalties payable on communitized substances allocated to the individual leases comprising the communitized area and the rentals provided for in said leases shall be determined and paid on the basis prescribed in each of the individual leases. Payments of rentals under the terms of leases subject to this agreement shall not be affected by this agreement except as provided for under the terms and provisions of said leases or as may herein be otherwise provided. Except as herein modified and changed, the oil and gas leases subject to this agreement shall remain in full force and effect as originally made and issued. It is agreed that for any Federal lease bearing a sliding- or step-scale rate of royalty, such rate shall be determined separately as to production from each communitization agreement to which such lease may be committed, and separately as to any noncommunitized lease production, provided, however, as to leases where the rate of royalty for gas is based on total lease production per day, such rate shall be determined by the sum of all communitized production allocated to such a lease plus any noncommunitized lease production.
7. There shall be no obligation on the lessees to offset any well or wells completed in the same formation as covered by this agreement on separate component tracts into which the communitized area is now or may hereafter be divided, nor shall any lessee be required to measure separately communitized substances by reason of the diverse ownership thereof, but the lessees hereto shall not be released from their obligation to protect said communitized area from drainage of communitized substances by a well or wells which may be drilled offsetting said area.
8. The commencement, completion, continued operation, or production of a well or wells for communitized substances on the communitized area shall be construed and considered as the commencement, completion, continued operation, or production on each and all of the lands within and comprising said communitized

area, and operations or production pursuant to this agreement shall be deemed to be operations or production as to each lease committed hereto.

9. Production of communitized substances and disposal thereof shall be in conformity with allocation, allotments, and quotas made or fixed by any duly authorized person or regulatory body under applicable Federal or State statutes. This agreement shall be subject to all applicable Federal and State laws or executive orders, rules and regulations, and no party hereto shall suffer a forfeiture or be liable in damages for failure to comply with any of the provisions of this agreement if such compliance is prevented by, or if such failure results from, compliance with any such laws, orders, rules or regulations.
10. The date of this agreement is October 1, 2020, and it shall become effective as of this date or from the onset of production of communitized substances, whichever is earlier upon execution by the necessary parties, notwithstanding the date of execution, and upon approval by the Secretary of the Interior or by his duly authorized representative, and shall remain in force and effect for a period of 2 years and for as long as communitized substances are, or can be, produced from the communitized area in paying quantities: Provided, that prior to production in paying quantities from the communitized area and upon fulfillment of all requirements of the Secretary of the Interior, or his duly authorized representative, with respect to any dry hole or abandoned well, this agreement may be terminated at any time by mutual agreement of the parties hereto. This agreement shall not terminate upon cessation of production if, within 60 days thereafter, reworking or drilling operations on the communitized area are commenced and are thereafter conducted with reasonable diligence during the period of nonproduction. The 2-year term of this agreement will not in itself serve to extend the term of any Federal lease which would otherwise expire during said period.
11. The covenants herein shall be construed to be covenants running with the land with respect to the communitized interests of the parties hereto and their successors in interests until this agreement terminates and any grant, transfer, or conveyance of any such land or interest subject hereto, whether voluntary or not, shall be and hereby is conditioned upon the assumption of all obligations hereunder by the grantee, transferee, or other successor in interest, and as to Federal land shall be subject to approval by the Secretary of the Interior, or his duly authorized representative.
12. It is agreed between the parties hereto that the Secretary of the Interior, or his duly authorized representative, shall have the right of supervision over all Fee and State mineral operations within the communitized area to the extent necessary to monitor production and measurement, and assure that no avoidable loss of hydrocarbons occur in which the United States has an interest pursuant to applicable oil and gas regulations of the Department of the Interior relating to such production and measurement.

- IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the day and year first above written and have set opposite their respective names the date of execution.

By: _____
Brandon Gaynor, Sr. Vice President of Land

STATE OF TEXAS)
) ss.
COUNTY OF MIDLAND)

My commission expires

Title: Senior Vice President

My commission expires

My commission expires

Title: Senior Vice President

My commission expires

My commission expires

EXHIBIT "A"

Plat of communitized area covering **320.0** acres in Township 19 South, Range 28 East, S/2S/2 of Section 33 and the S/2S/2 of Section 34, Eddy County, New Mexico, as written in Section 1 above.

Well Name/No.

DAWSON 34 FED COM #124H
DAWSON 34 FED COM #134H

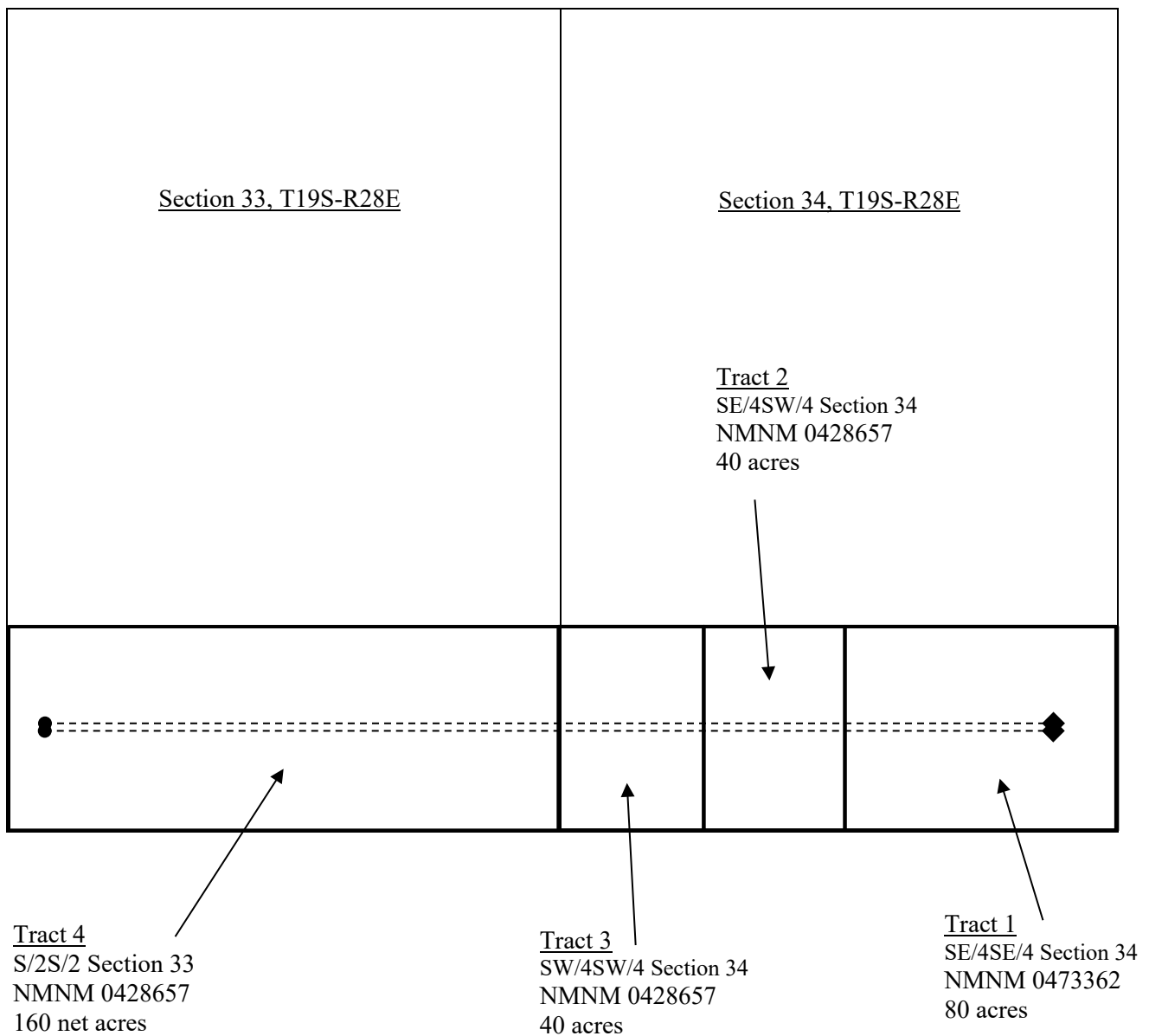


EXHIBIT "B"

To Communitization Agreement Dated October 1, 2020, embracing the following described land in Township 19 South, Range 28 East, S/2S/2 of Section 33 and S/2S/2 of Section 34, Eddy County, New Mexico, as written in Section 1 above.

Operator of Communitized Area:

COLGATE OPERATING, LLC

DESCRIPTION OF LEASES COMMITTED**TRACT NO. 1**

Lease Serial Number:	NMNM 0473362
Lease Date:	Effective January 1, 1964
Lease Term:	10 years, subsequently extended for 2 years
Lessor:	United States of America
Original Lessee:	George A. Lauck
Current Lessee of Record:	D.W. Underwood and J.C. Williamson
Description of Land Committed:	SE/4SE/4 of Section 34, T19S-R28E, Eddy County, New Mexico
Number of Acres:	80
Royalty Rate:	12.5%
Name and Percent ORRI Owners:	Colgate Royalties, LP – 0.06027778, Mountain Lion Oil & Gas – 0.00500000, Frank J. Pisor – 0.00125000, Heirs of George A Lauk & Molly Lauk – 0.00937500, Mark and Paula McClellan – 0.000625000, Ross and Kandace McClellan – 0.000625000, Etheredge Revocable Living Trust dtd 11/4/1997 – 0.00347222, Marshall & Winston, Inc. – 0.028125000, Greenville Partners – 0.00937500, Kevin Hammitt – 0.00468750, James A. Lawson – 0.00468750
Name of Working Interest Owners:	Colgate Production, LLC - 0.85544306, Northern Oil & Gas, Inc. – 0.02570714, C5 Capital Management, LLC – 0.00520833, HCH Investment, LLC – 0.00520833, Catherine E. Huffman – 0.00520833, Elizabeth Tullis Dillard – 0.06250000, Myrlene Mannschreck Dillon – 0.03125000, KMT Energy Holdings LLC – 0.00377250, Geoffrey Lancely – 0.00010778, Douglas Cranmer – 0.00053280, Russell Cranmer – 0.00053280, Douglas C. Cranmer and Russell B. Cranmer, Trustees of the Russell E. Cranmer Irrevocable Trust dtd December 28, 1992 – 0.00053280, Katherine Ferguson – 0.00213120, Robert G. Ettleson – 0.00053280, Mary Kline – 0.00053280, Sombrero Associates – 0.00079933

TRACT NO. 2

Lease Serial Number: NMNM 0428657
Lease Date: July 17, 1963, effective September 1, 1963
Lease Term: 10 years, subsequently extended for 2 years
Lessor: United States of America
Original Lessee: T. A. Fraser and J. Mack Barnes
Current Lessee of Record: ZPZ Delaware I LLC, Northern Oil & Gas, Inc., CM Resources, LLC, Colgate Production, LLC

Description of Land Committed: SE/4SW/4 of Section 34, T19S-R28E, Eddy County, New Mexico

Number of Acres: 40
Royalty Rate: 12.5%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.077045841, CM Royalties, LLC – 0.00937500, Abuelo, LLC – 0.00096146, Carol Sue Mhoon – 0.01250000, Ergodic Resources LLC - .00096146, Loco Hill Production Company, LLC – 0.00096146, Magnum Hunter Production, Inc. – 0.00070159, Silverhair, LLC – 0.00096146, William G. Ross and Vee K. Ross, Trustees of the William G. Ross and Vee K. Ross Living Trust UTA dated March 9, 1990 – 0.01250000

Name of Working Interest Owners: Colgate Production, LLC - 0.64775238, Northern Oil & Gas, Inc. – 0.22214120, Myrlene Mannschreck Dillon - 0.02343750, Geoffrey Lanceley - 0.00008033, Wildcat Energy, LLC - 0.00279387, Hodge Natural Gas Gathering, Inc. - 0.00039960, Robert G. Ettleson – 0.00039960, William L. Hilliard – 0.00079910, Mary L. Kline – 0.00039970, Heirs or Devisees of John R. Kline – 0.00139860, Gerald L. Michaud – 0.00079910, Ted J. Werts – 0.00039960, Intrepid Energy, Inc. – 0.01928035, Douglas C. Cranmer and Russell B. Cranmer, Trustees of the Russell E. Cranmer Irrevocable Trust dated December 28, 1992 – 0.00119880, Bill Ferguson – 0.00319680, Robert H. Krieble – 0.00139850, Sombrero Associates – 0.00089930, Nelson & Co., for the benefit of John D. Wile Marital Trust – 0.00059940, Magnum Hunter Production, Inc. – 0.03173252, John C. Rocovich – 0.00140625, Paul & Zofia Umbarger – 0.00712969, J.W. Davis – 0.01343671, Current Trustee under Declaration of Trust dated August 28, 1982, executed by Alice G. Davis – 0.01343672, Galkay, a Joint Venture – 0.00466172, James Kenneth Garrett – 0.00020567, Joyce Eline Garrett – 0.00020567, Donna Marie Studer, Administrator, Estate of

Genevieve Studer - 0.00010283, Carl Joseph Garrett, Executor, Estate of Jasper Ben Garrett, Jr. – 0.00010283, Connie Gale Becker – 0.00010283, Ginger Lee Meyers – 0.00010283

TRACT NO. 3

Lease Serial Number:	NMNM 0428657
Lease Date:	July 17, 1963, effective September 1, 1963
Lease Term:	10 years, subsequently extended for 2 years
Lessor:	United States of America
Original Lessee:	T.A. Fraser and J. Mack Barnes
Current Lessee of Record:	ZPZ Delaware I LLC, Northern Oil & Gas, Inc., CM Resources, LLC, Colgate Production, LLC
Description of Land Committed:	SW/4SW/4 of Section 34, T19S-R28E, Eddy County, New Mexico
Number of Acres:	40
Royalty Rate:	12.5%
Name and Percent ORRI Owners:	Colgate Royalties, LP – 0.07751770, William G. Ross and Vee K. Ross, Trustees of the William G. Ross and Vee K. Ross Living Trust UTA dated March 9, 1990 – 0.01250000, Carol Sue Mhoon – 0.01250000, Marathon Oil Permian, LLC – 0.00937500, Ergodic Resources, LLC – 0.00096146, Abuelo, LLC – 0.00096146, Silverhair, LLC – 0.00096146, Loco Hills Production Company, LLC – 0.00096146, Magnum Hunter Production, Inc. – 0.00064054
Name of Working Interest Owners:	Colgate Production, LLC – 0.77275238, Northern Oil & Gas, Inc. – 0.09714120, Myrlene Mannschreck Dillon – 0.02343750, Geoffrey Lanceley – 0.00008033, Wildcat Energy, LLC – 0.00279387, Hodge Natural Gas Gathering, Inc. – 0.00039960, Robert G. Ettleson – 0.00039960, William L. Hilliard – 0.00079910, Mary L. Kline – 0.00039970, Heirs or Devisees of John R. Kline – 0.00139860, Gerald L. Michaud – 0.00079910, Ted J. Werts – 0.00039960, Intrepid Energy, Inc. – 0.01928035, Douglas C. Cranmer and Russell B. Cranmer, Trustees of the Russell E. Cranmer Irrevocable Trust dated December 28, 1992 – 0.00119880, Bill Ferguson – 0.00319680, Robert H. Krieble – 0.00139850, Sombrero Associates – 0.00089930, Nelson & Co., for the benefit of John D. Wile Marital Trust – 0.00059940, Magnum Hunter Production, Inc. – 0.03173252, John C. Rocovich – 0.00140625, Paul and Zofia

Umbarger – 0.00712969, J.W. Davis –
0.01343671, Current Trustee under Declaration of
Trust dated August 28, executed by Alice G.
Davis – 0.01343672, Galkay, a Joint Venture –
0.00466172, James Kenneth Garrett – 0.00020567

TRACT NO. 4

Lease Serial Number:	NMNM 0428657
Lease Date:	July 17, 1963, effective September 1, 1963
Lease Term:	10 years, subsequently extended for 2 years
Lessor:	United States of America
Original Lessee:	T.A. Fraser and J. Mack Barnes
Current Lessee of Record:	ZPZ Delaware I LLC, Northern Oil & Gas, Inc., CM Resources, LLC, Colgate Production, LLC
Description of Land Committed:	S/2S/2 of Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	160
Royalty Rate:	12.5%
Name and Percent ORRI Owners:	Colgate Royalties, LLC – 0.06337573, Brian Eamer – 0.00029297, Carol Sue Mhoon – 0.01250000, Moser Revocable Trust – 0.00117188, Charles L. Johnson – 0.00019531, Erin Eamer – 0.00029297, Flatrock Royalties LLC – 0.00014648, Lori Lynn Johnson Nelson – 0.00019531, Michael O. Johnson – 0.00019531, Mongoose Minerals, LLC – 0.01735163, Nestegg Energy Corp. – 0.00291000, William G. & Vee K. Ross Living Trust UTA dated 3/9/1990 – 0.012500000
Name of Working Interest Owners:	Colgate Production, LLC – 0.43120148, Heirs of Carroll T. Hutchens, Sr. – 0.00781250, Teryl D. Meyers – 0.00024568, COG Operating, LLC – 0.24687500, James W. Bowen – 0.00781250, Edward J. Brown – 0.00781250, JCJ Investments, LLC – 0.00454710, Vernon Burfiend – 0.00390625, Margaret Andrews Avery – 0.00036851, Margaret A. McCloud & Thomas D. McCloud, Trustees of the Robert N. Avery Family Trust – 0.00036851, Virginia B. Dean – 0.00012284, Virginia B. Dean, Clinton H. Dean Jr., Michael Charles Dean & Robert Russell Dean, Trustees of the Virginia B. Dean Marital Deduction Trust – 0.00012284, Clinton H. Dean, Jr. – 0.00016378, Michael C. Dean – 0.00016378, Robert R. Dean – 0.00016378, The Egbert Living Trust dated April 1, 2005 – 0.01599351, Shirley Ann Egbert – 0.00396767, Claudia Baker – 0.00238060, Wilfred E. Blessing & Victor F.

Bogard, Co-Trustees of Trust A u/w/o Galen S. Egbert f/b/o Brian Galen Egbert – 0.00119030, Wilfred E. Blessing & Victor F. Bogard, Co-Trustees of Trust B u/w/o Galen S. Egbert f/b/o the grandchildren of Galen S. Egbert – 0.00039677, Dorsar Investment Company – 0.00036851, Martin T. Hart – 0.00024568, Edna Louise Miller – 0.00024568, Virginia D. Kriz-Neessen – 0.00024568, John T. Olive – 0.00024568, John A. Ponsford – 0.00024568, Sarador, a partnership – 0.00024568, Richard J. Vance & Lorraine Vance – 0.00024567, Homer L. Wedig – 0.00012284, James M. Welch – 0.00012284, Becky Ruth Welch – 0.00032552, Bryan Winston Welch – 0.00032552, Stacy Ann Welch Green – 0.00032552, Gene Wood Joint Venture Account – 0.00094585, 5 J's Plus L, Inc. – 0.00781250, Charles Eugene Cooper & DeAnn Hutson, Co-Trustees of the Charles Eugene Cooper Trust – 0.00781250, James W. Doak, Jr. – 0.00781250, Joyce Ann Hansen – 0.00488281, Hans Eric Hansen – 0.00097656, Gregory Martin Hansen – 0.00097656, Nicole Williams – 0.00048828, Michelle Rank – 0.00048828, Byrl W. Harris – 0.00781250, International Petroleum Corp. – 0.00390625, Tularosa Oil Company – 0.00195313, Togiak Resources, LLC – 0.00195312, Peggy Runyan – 0.01562500, Cheron Oil & Gas Co., Inc. – 0.00634766, Pregler Oil Co, LLC – 0.00146484, Malcolm G. MacNeill – 0.01562500, B and H Royalty Company – 0.00390625, Richard Pruett – 0.00781250, Adene L. Sealy – 0.00390625, Stanley F. Smith – 0.00390625, Krista Alicen Stephenson, Trustee of the Krista Alicen Stephenson Trust – 0.00390625, Abbejane Masterson Bates – 0.00390625, John G. Willy – 0.00390625

RECAPITULATION

<u>Tract No.</u>	<u>No. of Acres Committed</u>	<u>Percentage of Interest in Communitized Area</u>
1	80.00	25.00%
2	40.00	12.50%
3	40.00	12.50%
4	160.00	50.00%
Total	320.00	100.00%

Federal Communitization Agreement

Contract No. _____

THIS AGREEMENT entered into as of the 1st day of June, 2020, by and between the parties subscribing, ratifying, or consenting hereto, such parties being hereinafter referred to as "parties hereto."

WITNESSETH:

WHEREAS, the Act of February 25, 1920 (41 Stat. 437), as amended and supplemented, authorizes communitization or drilling agreements communitizing or pooling a Federal oil and gas lease, or any portion thereof, with other lands, whether or not owned by the United States, when separate tracts under such Federal lease cannot be independently developed and operated in conformity with an established well-spacing program for the field or area and such communitization or pooling is determined to be in the public interest; and

WHEREAS, the parties hereto own working, royalty or other leasehold interests, or operating rights under the oil and gas leases and lands subject to this agreement which cannot be independently developed and operated in conformity with the well-spacing program established for the field or area in which said lands are located; and

WHEREAS, the parties hereto desire to communitize and pool their respective mineral interests in lands subject to this agreement for the purpose of developing and producing communitized substances in accordance with the terms and conditions of this agreement:

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Township 19 South, Range 28 East:

Section 33: N/2N/2

Section 34: N/2N/2

Eddy County, New Mexico

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2. Attached hereto, and made a part of this agreement for all purposes is Exhibit "A", a plat designating the communitized area and, Exhibit "B", designating the operator of the communitized area and showing the acreage, percentage and ownership of oil and gas interests in all lands within the communitized area, and the authorization, if any, for communitizing or pooling any patented or fee lands within the communitized area.

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4. Operator shall furnish the Secretary of the Interior, or his authorized representative, with a log and history of any well drilled on the communitized area, monthly reports of operations, statements of oil and gas sales and royalties and such other reports as are deemed necessary to compute monthly the royalty due the United States, as specified in the applicable oil and gas operating regulations.
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from the date the committed tracts in the communitized area that includes unleased Federal land receive a production allocation, and shall be due and payable by the last day of the calendar month next following the calendar month of actual production. Payment due under this provision shall end when the Federal tract is leased or when production of communitized substances ceases within the communitized area and the Communitization Agreement is terminated, whichever occurs first.

Any party acquiring a Federal lease of the unleased Federal lands included in the communitized area established hereunder, will be subject to this Agreement as of the effective date of the Federal leases to said party (ies). Upon issuance of the Federal lease and payment of its proportionate cost of the well, including drilling, completing and equipping the well, the acquiring party (ies) shall own the working interest described in the Tract, as described on Exhibit "B", and shall have the rights and obligations of said working interest as to the effective date of the Federal Lease.

6. The royalties payable on communitized substances allocated to the individual leases comprising the communitized area and the rentals provided for in said leases shall be determined and paid on the basis prescribed in each of the individual leases. Payments of rentals under the terms of leases subject to this agreement shall not be affected by this agreement except as provided for under the terms and provisions of said leases or as may herein be otherwise provided. Except as herein modified and changed, the oil and gas leases subject to this agreement shall remain in full force and effect as originally made and issued. It is agreed that for any Federal lease bearing a sliding- or step-scale rate of royalty, such rate shall be determined separately as to production from each communitization agreement to which such lease may be committed, and separately as to any noncommunitized lease production, provided, however, as to leases where the rate of royalty for gas is based on total lease production per day, such rate shall be determined by the sum of all communitized production allocated to such a lease plus any noncommunitized lease production.
7. There shall be no obligation on the lessees to offset any well or wells completed in the same formation as covered by this agreement on separate component tracts into which the communitized area is now or may hereafter be divided, nor shall any lessee be required to measure separately communitized substances by reason of the diverse ownership thereof, but the lessees hereto shall not be released from their obligation to protect said communitized area from drainage of communitized substances by a well or wells which may be drilled offsetting said area.
8. The commencement, completion, continued operation, or production of a well or wells for communitized substances on the communitized area shall be construed and considered as the commencement, completion, continued operation, or production on each and all of the lands within and comprising said communitized

area, and operations or production pursuant to this agreement shall be deemed to be operations or production as to each lease committed hereto.

9. Production of communitized substances and disposal thereof shall be in conformity with allocation, allotments, and quotas made or fixed by any duly authorized person or regulatory body under applicable Federal or State statutes. This agreement shall be subject to all applicable Federal and State laws or executive orders, rules and regulations, and no party hereto shall suffer a forfeiture or be liable in damages for failure to comply with any of the provisions of this agreement if such compliance is prevented by, or if such failure results from, compliance with any such laws, orders, rules or regulations.
10. The date of this agreement is June 1, 2020, and it shall become effective as of this date or from the onset of production of communitized substances, whichever is earlier upon execution by the necessary parties, notwithstanding the date of execution, and upon approval by the Secretary of the Interior or by his duly authorized representative, and shall remain in force and effect for a period of 2 years and for as long as communitized substances are, or can be, produced from the communitized area in paying quantities: Provided, that prior to production in paying quantities from the communitized area and upon fulfillment of all requirements of the Secretary of the Interior, or his duly authorized representative, with respect to any dry hole or abandoned well, this agreement may be terminated at any time by mutual agreement of the parties hereto. This agreement shall not terminate upon cessation of production if, within 60 days thereafter, reworking or drilling operations on the communitized area are commenced and are thereafter conducted with reasonable diligence during the period of nonproduction. The 2-year term of this agreement will not in itself serve to extend the term of any Federal lease which would otherwise expire during said period.
11. The covenants herein shall be construed to be covenants running with the land with respect to the communitized interests of the parties hereto and their successors in interests until this agreement terminates and any grant, transfer, or conveyance of any such land or interest subject hereto, whether voluntary or not, shall be and hereby is conditioned upon the assumption of all obligations hereunder by the grantee, transferee, or other successor in interest, and as to Federal land shall be subject to approval by the Secretary of the Interior, or his duly authorized representative.
12. It is agreed between the parties hereto that the Secretary of the Interior, or his duly authorized representative, shall have the right of supervision over all Fee and State mineral operations within the communitized area to the extent necessary to monitor production and measurement, and assure that no avoidable loss of hydrocarbons occur in which the United States has an interest pursuant to applicable oil and gas regulations of the Department of the Interior relating to such production and measurement.

- IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the day and year first above written and have set opposite their respective names the date of execution.

By: _____
Brandon Gaynor, Sr. Vice President of Land

[illegible]

My commission expires

Date: _____ By: _____

Name: Brandon Gaynor

Title: Senior Vice President

STATE OF TEXAS)
) ss.
COUNTY OF MIDLAND)

Notary Public	My commission expires
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Notary Public	My commission expires
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Title: Senior Vice President

My commission expires

My commission expires

EXHIBIT "A"

Plat of communitized area covering **320.0** acres in Township 19 South, Range 28 East, N/2N/2 of Section 33 and the N/2N/2 of Section 34, Eddy County, New Mexico, as written in Section 1 above.

Well Name/No.

SHAMROCK 34 FED COM #121H

SHAMROCK 34 FED COM #131H

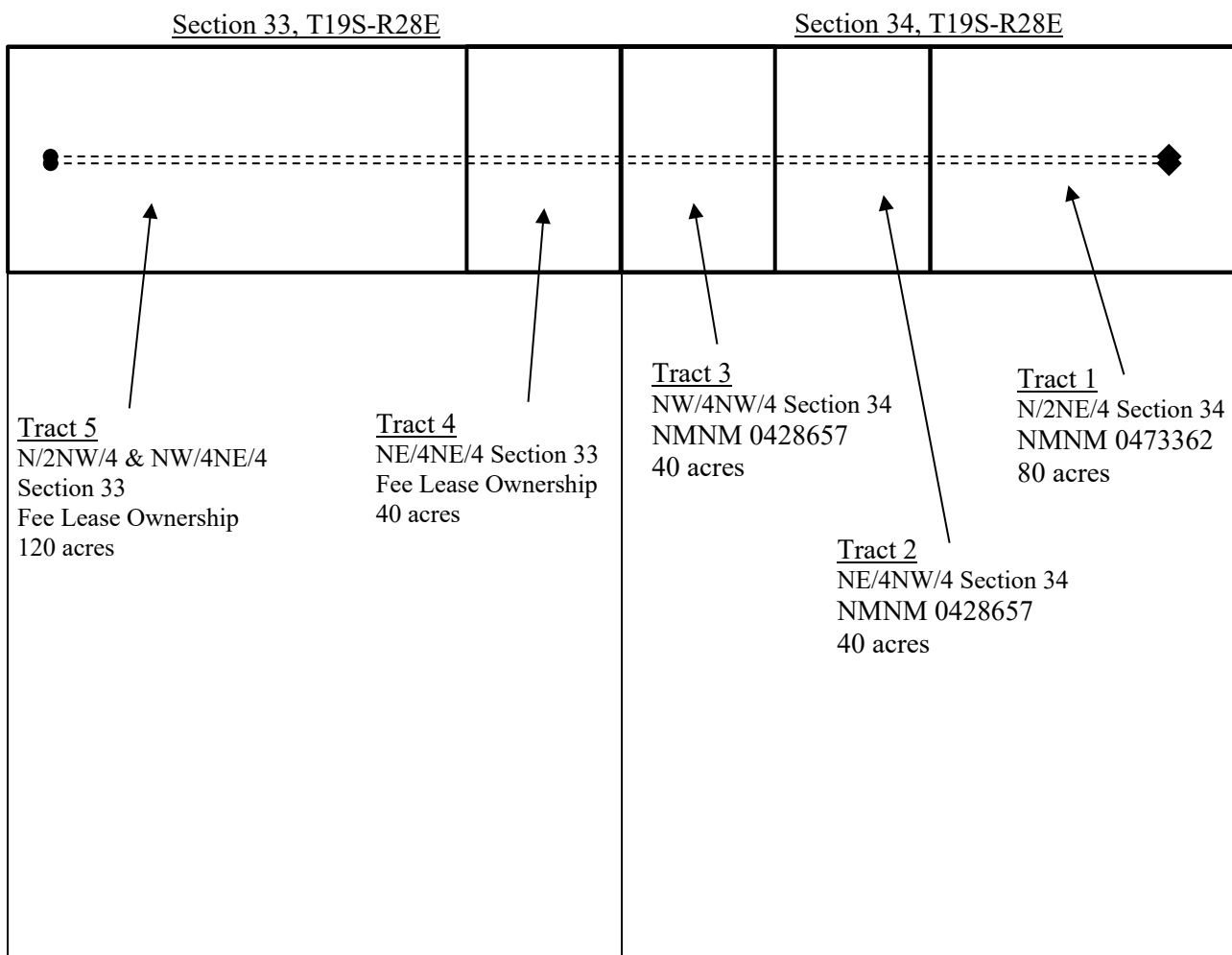


EXHIBIT "B"

To Communitization Agreement Dated June 1, 2020, embracing the following described land in Township 19 South, Range 28 East, N/2N/2 of Section 33 and N/2N/2 of Section 34, Eddy County, New Mexico, as written in Section 1 above.

Operator of Communitized Area:

COLGATE OPERATING, LLC

DESCRIPTION OF LEASES COMMITTED

TRACT NO. 1

Lease Serial Number:	NMMN 0473362
Lease Date:	Effective January 1, 1964
Lease Term:	10 years, subsequently extended for 2 years
Lessor:	United States of America
Original Lessee:	George A. Lauck
Current Lessee of Record:	D.W. Underwood and J.C. Williamson
Description of Land Committed:	N/2NE/4 of Section 34, T19S-R28E, Eddy County, New Mexico
Number of Acres:	80.0
Royalty Rate:	12.5%
Name and Percent ORRI Owners:	Colgate Royalties, LP – 0.06027778, Frank J. Pisor – 0.00125000, Heirs of George A Lauck & Molly Lauck – 0.00937500, Mark and Paula McClellan – 0.000625000, Ross and Kandace McClellan – 0.000625000, Etheredge Revocable Living Trust dtd 11/4/1997 – 0.00347222, Marshall & Winston, Inc. – 0.028125000, Greenville Partners – 0.00937500, Kevin Hammitt – 0.00468750, James A. Lawson – 0.00468750, Mountain Lion Oil & Gas – 0.00500000
Name of Working Interest Owners:	Colgate Production, LLC - 0.85544306, Northern Oil & Gas, Inc. – 0.02570714, C5 Capital Management, LLC – 0.00520833, HCH Investment, LLC – 0.00520833, Catherine E. Huffman – 0.00520833, Elizabeth Tullis Dillard – 0.06250000, Myrlene Mannschreck Dillon – 0.03125000, Duer Wagner, III - .00377250, Geoffrey Lancelly – 0.00010778, Douglas Cranmer – 0.00053280, Russell Cranmer – 0.00053280, Douglas C. Cranmer and Russell B. Cranmer, Trustees of the Russell E. Cranmer Irrevocable Trust dtd December 28, 1992 – 0.00053280, Katherine Ferguson – 0.00213120, Robert G. Ettleson – 0.00053280, Mary Kline – 0.00053280, Sombrero Associates – 0.00079933

TRACT NO. 2

Lease Serial Number: NMNM 0428657
Lease Date: July 17, 1963, effective September 1, 1963
Lease Term: 10 years, subsequently extended for 2 years
Lessor: United States of America
Original Lessee: T. A. Fraser and J. Mack Barnes
Current Lessee of Record: ZPZ Delaware I LLC, Northern Oil & Gas, Inc., CM Resources, LLC, Colgate Production, LLC

Description of Land Committed: NE/4NW/4 of Section 34, T19S-R28E, Eddy County, New Mexico
Number of Acres: 40.0
Royalty Rate: 12.5%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.07704584, CM Royalties, LLC – 0.00937500, Abuelo, LLC – 0.00096146, Carol Sue Mhoon – 0.01250000, Ergodic Resources LLC - .00096146, Loco Hill Production Company, LLC – 0.00096146, Magnum Hunter Production, Inc. – 0.00070159, Silverhair, LLC – 0.00096146, William G. Ross and Vee K. Ross, Trustees of the William G. Ross and Vee K. Ross Living Trust UTA dated March 9, 1990 – 0.01250000

Name of Working Interest Owners: Colgate Production, LLC - 0.64775238, Northern Oil & Gas, Inc. – 0.22214120, Myrlene Mannschreck Dillon - 0.02343750, Geoffrey Lanceley - 0.00008033, Wildcat Energy, LLC - 0.00279387, Hodge Natural Gas Gathering, Inc. - 0.00039960, Robert G. Ettleson – 0.00039960, William L. Hilliard – 0.00079910, Mary L. Kline – 0.00039970, Heirs or devisees of John R. Kline – 0.00139860, Gerald L. Michaud – 0.00079910, Ted J. Werts – 0.00039960, Intrepid Energy, Inc. – 0.01928035, Douglas C. Cranmer and Russell B. Cranmer, Trustees of the Russell E. Cranmer Irrevocable Trust dated December 28, 1992 – 0.00119880, Bill Ferguson – 0.00319680, Robert H. Kriebel – 0.00139850, Sombrero Associates – 0.00089930, Nelson & Co., for the benefit of John D. Wile Marital Trust – 0.00059940, Magnum Hunter Production, Inc. – 0.03173252, John C. Rocovich – 0.00140625, Paul & Zofia Umbarger – 0.00712969, J.W. Davis – 0.01343671, Current Trustee under Declaration of Trust dated August 28, 1982, executed by Alice G. Davis – 0.01343672, Galkay, a Joint Venture – 0.00466172, James Kenneth Garrett – 0.00020567, Joyce Eline Garrett – 0.00020567,

Donna Marie Studer, Administrator, Estate of Genevieve Studer - 0.00010283, Carl Joseph Garrett, Executor, Estate of Jasper Ben Garrett, Jr. – 0.00010283, Connie Gale Becker – 0.00010283, Ginger Lee Meyers – 0.00010283

TRACT NO. 3

Lease Serial Number:	NMNM 0428657
Lease Date:	July 17, 1963, effective September 1, 1963
Lease Term:	10 years, subsequently extended for 2 years
Lessor:	United States of America
Original Lessee:	T.A. Fraser and J. Mack Barnes
Current Lessee of Record:	ZPZ Delaware I LLC, Northern Oil & Gas, Inc., CM Resources, LLC, Colgate Production, LLC
Description of Land Committed:	NW/4NW/4 of Section 34, T19S-R28E, Eddy County, New Mexico
Number of Acres:	40
Royalty Rate:	12.5%
Name and Percent ORRI Owners:	Colgate Royalties, LP – 0.07751770, William G. Ross and Vee K. Ross, Trustees of the William G. Ross and Vee K. Ross Living Trust UTA dated March 9, 1990 – 0.01250000, Carol Sue Mhoon – 0.01250000, Marathon Oil Permian, LLC – 0.00937500, Ergodic Resources, LLC – 0.00096146, Abuelo, LLC – 0.00096146, Silverhair, LLC – 0.00096146, Loco Hills Production Company, LLC – 0.00096146, Magnum Hunter Production, Inc. – 0.00064054
Name of Working Interest Owners:	Colgate Production, LLC – 0.77275238, Northern Oil & Gas, Inc. – 0.09714120, Myrlene Mannschreck Dillon – 0.02343750, Geoffrey Lanceley – 0.00008033, Wildcat Energy, LLC – 0.00279387, Hodge Natural Gas Gathering, Inc. – 0.00039960, Robert G. Ettleson – 0.00039960, William L. Hilliard – 0.00079910, Mary L. Kline – 0.00039970, Heirs or devisees of John R. Kline – 0.00139860, Gerald L. Michaud – 0.00079910, Ted J. Werts – 0.00039960, Intrepid Energy, Inc. – 0.01928035, Douglas C. Cranmer and Russell B. Cranmer, Trustees of the Russell E. Cranmer Irrevocable Trust dated December 28, 1992 – 0.00119880, Bill Ferguson – 0.00319680, Robert H. Krieble – 0.00139850, Sombrero Associates – 0.00089930, Nelson & Co., for the benefit of John D. Wile Marital Trust – 0.00059940, Magnum Hunter Production, Inc. – 0.03173252, John C. Rocovich – 0.00140625, Paul and Zofia Umbarger – 0.00712969,

J.W. Davis – 0.01343671, Current Trustee under Declaration of Trust dated August 28, executed by Alice G. Davis – 0.01343672, Galkay, a Joint Venture – 0.00466172, James Kenneth Garrett – 0.00020567, Joyce Eline Garrett - .00020567, Donna Marie Studer, Administrator of the Estate of Genevieve Studer – 0.00010283, Carl Joseph Garrett, Executor of the Estate of Jasper Ben Garrett, Jr. – 0.00010283, Connie Gale Becker – 0.00010283, Ginger Lee Meyers – 0.00010283

TRACT NO. 4

Fee Lease No. 1

Lease Serial Number:	N/A
Recordation Number:	Book 545, Page 1230
Lease Date:	March 15, 2004
Lease Term:	3 years
Lessor:	Lorraine R. Hudson
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	NE/4NE/4 of Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	10.0 acres
Royalty Rate:	20%
Name and Percent ORRI Owners:	Colgate Royalties, LP – 0.05000000
Name of Working Interest Owners:	Colgate Production, LLC – 1.00000000

Fee Lease No. 2

Lease Serial Number:	N/A
Recordation Number:	Book 560, Page 1093
Lease Date:	July 9, 2004
Lease Term:	3 years
Lessor:	Sharon O. Blackard, dealing with her separate property
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	NE/4NE/4 of Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	5.0 acres
Royalty Rate:	20%
Name and Percent ORRI Owners:	Colgate Production, LLC – 0.05000000
Name of Working Interest Owners:	Colgate Production, LLC – 1.00000000

Fee Lease No. 3

Lease Serial Number: N/A
Recordation Number: Book 560, Page 1095
Lease Date: July 9, 2004
Lease Term: 3 years
Lessor: William Wade Shipley, dealing with his separate property
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: NE/4NE/4 of Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 5.0 acres
Royalty Rate: 20%
Name and Percent ORRI Owners: Colgate Production, LLC – 0.05000000
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 4

Lease Serial Number: N/A
Recordation Number: Book 549, Page 340
Lease Date: April 8, 2004
Lease Term: 3 years
Lessor: Earl Ray Forehand and wife, Mary Lynn Forehand
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: NE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 5.0 acres
Royalty Rate: 18.75%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.05000000, Nile Operating Company – 0.00156250
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 5

Lease Serial Number: N/A
Recordation Number: Book 566, 1036
Lease Date: September 2, 2004
Lease Term: 2 years
Lessor: Stagner, LLC
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: NE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 5.0 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.05000000
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 6

Lease Serial Number:	N/A
Recordation Number:	Book 572, Page 230
Lease Date:	September 16, 2004
Lease Term:	2 years
Lessor:	Donna Gloyner
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	NE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	1.67 acres
Royalty Rate:	20.0%
Name and Percent ORRI Owners:	Colgate Royalties, LP – 0.05000000
Name of Working Interest Owners:	Colgate Production, LLC – 1.00000000

Fee Lease No. 7

Lease Serial Number:	N/A
Recordation Number:	Book 572, Page 233
Lease Date:	September 16, 2004
Lease Term:	2 years
Lessor:	Mona Rosfeld
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	NE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	1.67 acres
Royalty Rate:	20.0%
Name and Percent ORRI Owners:	Colgate Royalties, LP – 0.05000000
Name of Working Interest Owners:	Colgate Production, LLC – 1.00000000

Fee Lease No. 8

Lease Serial Number:	N/A
Recordation Number:	Book 572, Page 236
Lease Date:	September 16, 2004
Lease Term:	2 years
Lessor:	Mary Lou Morris
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	NE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	1.67 acres
Royalty Rate:	20.0%
Name and Percent ORRI Owners:	Colgate Royalties, LP – 0.05000000
Name of Working Interest Owners:	Colgate Production, LLC – 1.00000000

Fee Lease No. 9

Lease Serial Number: N/A
Recordation Number: Book 572, Page 239
Lease Date: September 16, 2004
Lease Term: 2 years
Lessor: Janice Coley
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: NE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 1.67 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.05000000
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 10

Lease Serial Number: N/A
Recordation Number: Book 572, Page 242
Lease Date: September 16, 2004
Lease Term: 2 years
Lessor: Matthew L. Bynum
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: NE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.42 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.05000000
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 11

Lease Serial Number: N/A
Recordation Number: Book 573, Page 904
Lease Date: September 16, 2004
Lease Term: 2 years
Lessor: Grant Bynum
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: NE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.42 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.05000000
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 12

Lease Serial Number: N/A
Recordation Number: Book 576, Page 563
Lease Date: September 16, 2004
Lease Term: 2 years
Lessor: Stanley A. Bynum
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: NE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.42 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.05000000
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 13

Lease Serial Number: N/A
Recordation Number: Book 576, Page 566
Lease Date: September 16, 2004
Lease Term: 2 years
Lessor: Rachel Nagel
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: NE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.42 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.05000000
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 14

Lease Serial Number: N/A
Recordation Number: Book 572, Page 245
Lease Date: September 16, 2004
Lease Term: 2 years
Lessor: Roberta Nuss
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: NE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.83 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.05000000
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 15

Lease Serial Number: N/A
Recordation Number: Book 572, Page 248
Lease Date: September 16, 2004
Lease Term: 2 years
Lessor: Grace Geist
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: NE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.83 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.05000000
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

TRACT NO. 5**Fee Lease No. 1**

Lease Serial Number: N/A
Recordation Number: Book 569, Page 1229
Lease Date: March 15, 2004
Lease Term: 3 years
Lessor: Lorraine R. Hudson
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 20.0 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.02593750
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 2

Lease Serial Number: N/A
Recordation Number: Book 569, Page 1230
Lease Date: March 15, 2004
Lease Term: 3 years
Lessor: Lorraine R. Hudson
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 10.0 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.02593750
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 3

Lease Serial Number: N/A
Recordation Number: Book 560, Page 1093
Lease Date: July 9, 2004
Lease Term: 3 years
Lessor: Sharon O. Blackard
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 15.0 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.02593750
Name of Working Interest Owners: Colgate Production, LLC – 1.000000

Fee Lease No. 4

Lease Serial Number: N/A
Recordation Number: Book 560, Page 1095
Lease Date: July 9, 2004
Lease Term: 3 years
Lessor: William Wade Shipley
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 15.0 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.02593750
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 5

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1034
Lease Date: August 13, 2004
Lease Term: 2 years
Lessor: Henry C. Wunsch & wife, Mary Ann Wunsch
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.75 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.02593750
Name of Working Interest Owners: Colgate Production, LLC – 1.000000

Fee Lease No. 6

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1042
Lease Date: August 17, 2004
Lease Term: 2 years
Lessor: James R. Miller & wife, Mary Jane Miller
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.75 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.02593750
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 7

Lease Serial Number: N/A
Recordation Number: Book 573, Page 912
Lease Date: September 2, 2004
Lease Term: 2 years
Lessor: Fay Bernard
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.75 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.02593750
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 8

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1038
Lease Date: September 3, 2004
Lease Term: 2 years
Lessor: Harmon D. Greene & wife, Carolina R. Greene
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.75 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 9

Lease Serial Number:	N/A
Recordation Number:	Book 566, Page 1040
Lease Date:	August 17, 2004
Lease Term:	2 years
Lessor:	R.R. Hinkle Company, Inc.
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	N/2NW/4 and NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	0.75 acres
Royalty Rate:	25.0%
Name and Percent ORRI Owners:	N/A
Name of Working Interest Owners:	Colgate Production, LLC – 1.0000000

Fee Lease No. 10

Lease Serial Number:	N/A
Recordation Number:	Book 573, Page 910
Lease Date:	October 22, 2004
Lease Term:	2 years
Lessor:	Virginia Black, Independent Executrix u/w/o Dillard Lee Dorland
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	N/2NW/4 and NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	2.25 acres
Royalty Rate:	25.0%
Name and Percent ORRI Owners:	N/A
Name of Working Interest Owners:	Colgate Production, LLC – 1.0000000

Fee Lease No. 11

Lease Serial Number:	N/A
Recordation Number:	Book 578, Page 1161
Lease Date:	October 22, 2004
Lease Term:	2 years
Lessor:	Zonetta M. Dorland
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	N/2NW/4 and NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	2.25 acres
Royalty Rate:	25.0%
Name and Percent ORRI Owners:	N/A
Name of Working Interest Owners:	Colgate Production, LLC – 1.0000000

Fee Lease No. 12

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1044
Lease Date: August 27, 2004
Lease Term: 2 years
Lessor: Robert P. Byron & Jeannine Hooper Byron,
Trustees of the Robert & Jeannine Byron
Revocable Trust under Trust Agreement dated
June 18, 2003
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-
R28E, Eddy County, New Mexico
Number of Acres: 6.5 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 13

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1047
Lease Date: September 2, 2004
Lease Term: 2 years
Lessor: E.L. Latham Company
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-
R28E, Eddy County, New Mexico
Number of Acres: 8.75 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 14

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1050
Lease Date: September 2, 2004
Lease Term: 2 years
Lessor: Roy G. Barton, Jr.
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-
R28E, Eddy County, New Mexico
Number of Acres: 9.375
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 15

Lease Serial Number: N/A
Recordation Number: Book 569, Page 665
Lease Date: September 2, 2004
Lease Term: 2 years
Lessor: Brett C. Barton
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 2.333 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 16

Lease Serial Number: N/A
Recordation Number: Book 569, Page 669
Lease Date: September 2, 2004
Lease Term: 2 years
Lessor: Roy G. Barton, III
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 2.333 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 17

Lease Serial Number: N/A
Recordation Number: Book 573, Page 907
Lease Date: September 2, 2004
Lease Term: 2 years
Lessor: Heidi C. Burton
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 2.333 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 18

Lease Serial Number: N/A
Recordation Number: Book 569, Page 671
Lease Date: September 2, 2004
Lease Term: 2 years
Lessor: Norma Jane Chanley
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 9.375 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 19

Lease Serial Number: N/A
Recordation Number: Book 572, Page 783
Lease Date: September 30, 2004
Lease Term: 2 years
Lessor: Wells Fargo Bank, Texas, NA, Trustee for CBF A-1 and CBF A-2
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 10.0 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 20

Lease Serial Number: N/A
Recordation Number: Book 1146, Page 255
Lease Date: June 1, 2020
Lease Term: 3 years
Lessor: Colgate Minerals, LLC
Original Lessee: Colgate Production, LLC
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.75 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

RECAPITULATION

<u>Tract No.</u>	<u>No. of Acres Committed</u>	<u>Percentage of Interest in Communitized Area</u>
1	80.0	25.0%
2	40.0	12.5%
3	40.0	12.5%
4	40.0	12.5%
5	120.0	37.5%
Total	320.0	100.0%

Federal Communitization Agreement

Contract No. _____

THIS AGREEMENT entered into as of the 1st day of June, 2020, by and between the parties subscribing, ratifying, or consenting hereto, such parties being hereinafter referred to as "parties hereto."

WITNESSETH:

WHEREAS, the Act of February 25, 1920 (41 Stat. 437), as amended and supplemented, authorizes communitization or drilling agreements communitizing or pooling a Federal oil and gas lease, or any portion thereof, with other lands, whether or not owned by the United States, when separate tracts under such Federal lease cannot be independently developed and operated in conformity with an established well-spacing program for the field or area and such communitization or pooling is determined to be in the public interest; and

WHEREAS, the parties hereto own working, royalty or other leasehold interests, or operating rights under the oil and gas leases and lands subject to this agreement which cannot be independently developed and operated in conformity with the well-spacing program established for the field or area in which said lands are located; and

WHEREAS, the parties hereto desire to communitize and pool their respective mineral interests in lands subject to this agreement for the purpose of developing and producing communitized substances in accordance with the terms and conditions of this agreement:

NOW, THEREFORE, in consideration of the premises and the mutual advantages to the parties hereto, it is mutually covenanted and agreed by and between the parties hereto as follows:

1. The lands covered by this agreement (hereinafter referred to as "communitized area") are described as follows:

Township 19 South, Range 28 East:

Section 33: S/2N/2

Section 34: S/2N/2

Eddy County, New Mexico

Containing **320.0** acres, and this agreement shall include only the Bone Spring formation underlying said lands and the associated gaseous hydrocarbons hereafter referred to as "communitized substances," producible from such formation.

2. Attached hereto, and made a part of this agreement for all purposes is Exhibit "A", a plat designating the communitized area and, Exhibit "B", designating the operator of the communitized area and showing the acreage, percentage and ownership of oil and gas interests in all lands within the communitized area, and the authorization, if any, for communitizing or pooling any patented or fee lands within the communitized area.

3. The Operator of the communitized area shall be Colgate Operating, LLC, whose address is 300 N. Marienfeld Street, Suite 1000, Midland, Texas 79701. All matters of operations shall be governed by the operator under and pursuant to the terms and provisions of this agreement. A successor operator maybe designated by the owners of the working interest in the communitized area and four (4) executed copies of a designation of successor operator shall be filed with the Authorized Officer.
4. Operator shall furnish the Secretary of the Interior, or his authorized representative, with a log and history of any well drilled on the communitized area, monthly reports of operations, statements of oil and gas sales and royalties and such other reports as are deemed necessary to compute monthly the royalty due the United States, as specified in the applicable oil and gas operating regulations.
5. The communitized area shall be developed and operated as an entirety, with the understanding and agreement between the parties hereto that all communitized substances produced there from shall be allocated among the leaseholds comprising said area in the proportion that the acreage interest of each leasehold bears to the entire acreage interest committed to this agreement.

If the communitized area approved in this Agreement contains unleased Federal lands, the value of $1/8^{\text{th}}$ or $12 \frac{1}{2}$ percent for the Federal lands, of the production that would be allocated to such Federal lands, described above, if such lands were leased, committed and entitled to participation, shall be payable as compensatory royalties to the Federal government. The remaining $7/8^{\text{th}}$ should be placed into an escrow account set up by the operator. Parties to the Agreement holding working interest in committed leases within the applicable communitized area are responsible for such royalty payments on the volume of the production reallocated from the unleased Federal lands to their communitized tracts as set forth in Exhibit "B" attached hereto. The value of such production subject to the payment of said royalties shall be determined pursuant to the method set forth in 30 CFR Part 1206 for the unleased Federal lands. Payment of compensatory royalties on the production reallocated from the unleased Federal lands to the committed tracts within the communitized area shall fulfill the Federal royalty obligation for such production. Payment of compensatory royalties, as provided herein, shall accrue

from the date the committed tracts in the communitized area that includes unleased Federal land receive a production allocation, and shall be due and payable by the last day of the calendar month next following the calendar month of actual production. Payment due under this provision shall end when the Federal tract is leased or when production of communitized substances ceases within the communitized area and the Communitization Agreement is terminated, whichever occurs first.

Any party acquiring a Federal lease of the unleased Federal lands included in the communitized area established hereunder, will be subject to this Agreement as of the effective date of the Federal leases to said party (ies). Upon issuance of the Federal lease and payment of its proportionate cost of the well, including drilling, completing and equipping the well, the acquiring party (ies) shall own the working interest described in the Tract, as described on Exhibit "B", and shall have the rights and obligations of said working interest as to the effective date of the Federal Lease.

6. The royalties payable on communitized substances allocated to the individual leases comprising the communitized area and the rentals provided for in said leases shall be determined and paid on the basis prescribed in each of the individual leases. Payments of rentals under the terms of leases subject to this agreement shall not be affected by this agreement except as provided for under the terms and provisions of said leases or as may herein be otherwise provided. Except as herein modified and changed, the oil and gas leases subject to this agreement shall remain in full force and effect as originally made and issued. It is agreed that for any Federal lease bearing a sliding- or step-scale rate of royalty, such rate shall be determined separately as to production from each communitization agreement to which such lease may be committed, and separately as to any noncommunitized lease production, provided, however, as to leases where the rate of royalty for gas is based on total lease production per day, such rate shall be determined by the sum of all communitized production allocated to such a lease plus any noncommunitized lease production.
7. There shall be no obligation on the lessees to offset any well or wells completed in the same formation as covered by this agreement on separate component tracts into which the communitized area is now or may hereafter be divided, nor shall any lessee be required to measure separately communitized substances by reason of the diverse ownership thereof, but the lessees hereto shall not be released from their obligation to protect said communitized area from drainage of communitized substances by a well or wells which may be drilled offsetting said area.
8. The commencement, completion, continued operation, or production of a well or wells for communitized substances on the communitized area shall be construed and considered as the commencement, completion, continued operation, or production on each and all of the lands within and comprising said communitized

area, and operations or production pursuant to this agreement shall be deemed to be operations or production as to each lease committed hereto.

9. Production of communitized substances and disposal thereof shall be in conformity with allocation, allotments, and quotas made or fixed by any duly authorized person or regulatory body under applicable Federal or State statutes. This agreement shall be subject to all applicable Federal and State laws or executive orders, rules and regulations, and no party hereto shall suffer a forfeiture or be liable in damages for failure to comply with any of the provisions of this agreement if such compliance is prevented by, or if such failure results from, compliance with any such laws, orders, rules or regulations.
10. The date of this agreement is June 1, 2020, and it shall become effective as of this date or from the onset of production of communitized substances, whichever is earlier upon execution by the necessary parties, notwithstanding the date of execution, and upon approval by the Secretary of the Interior or by his duly authorized representative, and shall remain in force and effect for a period of 2 years and for as long as communitized substances are, or can be, produced from the communitized area in paying quantities: Provided, that prior to production in paying quantities from the communitized area and upon fulfillment of all requirements of the Secretary of the Interior, or his duly authorized representative, with respect to any dry hole or abandoned well, this agreement may be terminated at any time by mutual agreement of the parties hereto. This agreement shall not terminate upon cessation of production if, within 60 days thereafter, reworking or drilling operations on the communitized area are commenced and are thereafter conducted with reasonable diligence during the period of nonproduction. The 2-year term of this agreement will not in itself serve to extend the term of any Federal lease which would otherwise expire during said period.
11. The covenants herein shall be construed to be covenants running with the land with respect to the communitized interests of the parties hereto and their successors in interests until this agreement terminates and any grant, transfer, or conveyance of any such land or interest subject hereto, whether voluntary or not, shall be and hereby is conditioned upon the assumption of all obligations hereunder by the grantee, transferee, or other successor in interest, and as to Federal land shall be subject to approval by the Secretary of the Interior, or his duly authorized representative.
12. It is agreed between the parties hereto that the Secretary of the Interior, or his duly authorized representative, shall have the right of supervision over all Fee and State mineral operations within the communitized area to the extent necessary to monitor production and measurement, and assure that no avoidable loss of hydrocarbons occur in which the United States has an interest pursuant to applicable oil and gas regulations of the Department of the Interior relating to such production and measurement.

- IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the day and year first above written and have set opposite their respective names the date of execution.

By: _____
Brandon Gaynor, Sr. Vice President of Land

STATE OF TEXAS)
) ss.
COUNTY OF MIDLAND)

My commission expires

Date: _____ By: _____

Name: Brandon Gaynor

Title: Senior Vice President

STATE OF TEXAS)
) ss.
COUNTY OF MIDLAND)

Notary Public	My commission expires
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Notary Public	My commission expires
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Title: Senior Vice President

My commission expires

My commission expires

EXHIBIT "A"

Plat of communitized area covering **320.0** acres in Township 19 South, Range 28 East, S/2N/2 of Section 33 and the S/2N/2 of Section 34, Eddy County, New Mexico, as written in Section 1 above.

Well Name/No.

SHAMROCK 34 FED COM #122H

SHAMROCK 34 FED COM #132H

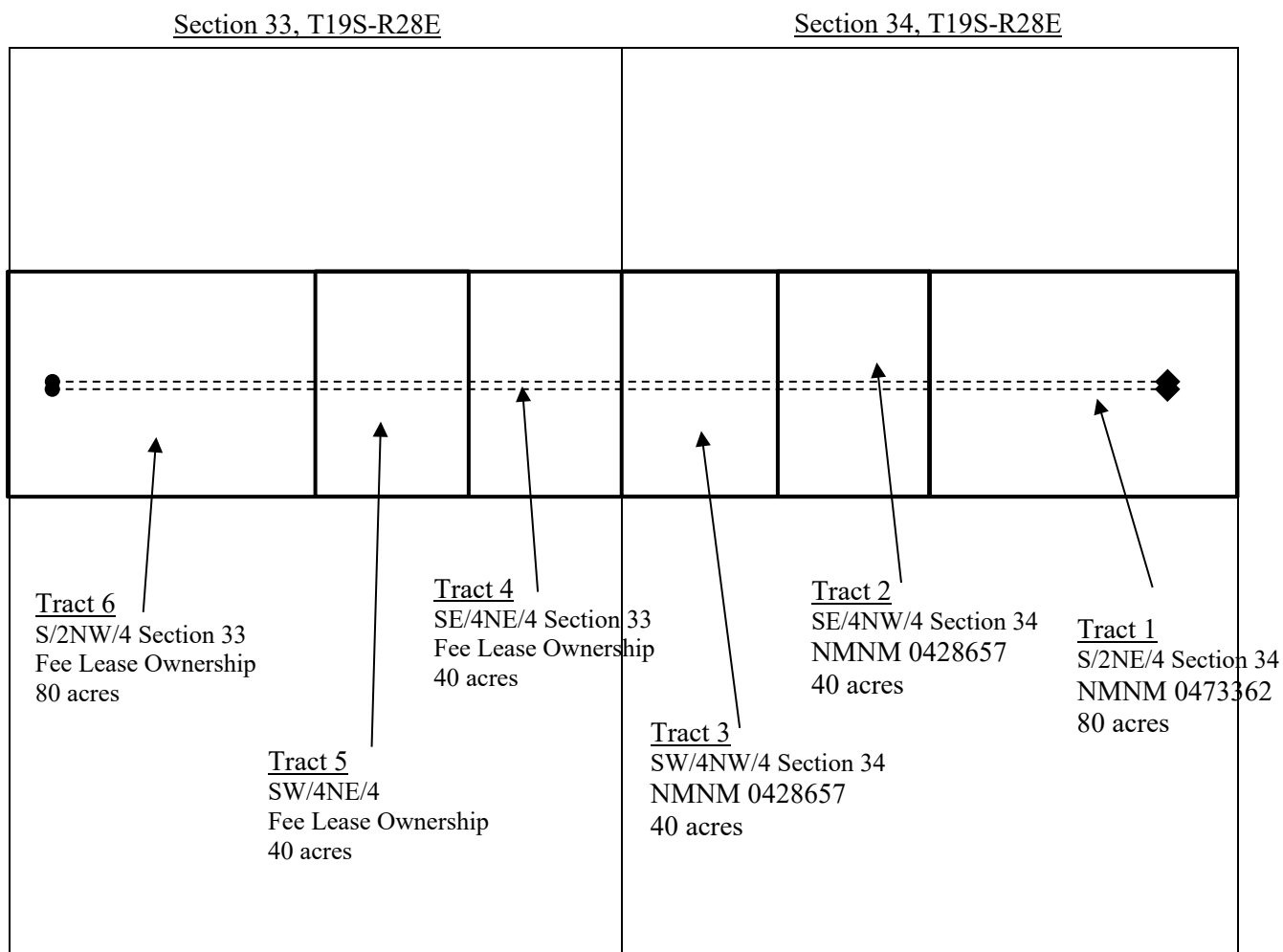


EXHIBIT "B"

To Communitization Agreement Dated June 1, 2020, embracing the following described land in Township 19 South, Range 28 East, S/2N/2 of Section 33 and S/2N/2 of Section 34, Eddy County, New Mexico, as written in Section 1 above.

Operator of Communitized Area:

COLGATE OPERATING, LLC

DESCRIPTION OF LEASES COMMITTED

TRACT NO. 1

Lease Serial Number:	NMMN 0473362
Lease Date:	Effective January 1, 1964
Lease Term:	10 years, subsequently extended for 2 years
Lessor:	United States of America
Original Lessee:	George A. Lauck
Current Lessee of Record:	D.W. Underwood and J.C. Williamson
Description of Land Committed:	S/2NE/4 of Section 34, T19S-R28E, Eddy County, New Mexico
Number of Acres:	80.0
Royalty Rate:	12.5%
Name and Percent ORRI Owners:	Colgate Royalties, LP – 0.06027778, Frank J. Pisor – 0.00125000, Heirs of George A Lauck & Molly Lauck – 0.00937500, Mark and Paula McClellan – 0.000625000, Ross and Kandace McClellan – 0.000625000, Etheredge Revocable Living Trust dtd 11/4/1997 – 0.00347222, Marshall & Winston, Inc. – 0.028125000, Greenville Partners – 0.00937500, Kevin Hammitt – 0.00468750, James A. Lawson – 0.00468750, Mountain Lion Oil & Gas – 0.00500000
Name of Working Interest Owners:	Colgate Production, LLC - 0.85544306, Northern Oil & Gas, Inc. – 0.02570714, C5 Capital Management, LLC – 0.00520833, HCH Investment, LLC – 0.00520833, Catherine E. Huffman – 0.00520833, Elizabeth Tullis Dillard – 0.06250000, Myrlene Mannschreck Dillon – 0.03125000, Duer Wagner, III - .00377250, Geoffrey Lancelly – 0.00010778, Douglas Cranmer – 0.00053280, Russell Cranmer – 0.00053280, Douglas C. Cranmer and Russell B. Cranmer, Trustees of the Russell E. Cranmer Irrevocable Trust dtd December 28, 1992 – 0.00053280, Katherine Ferguson – 0.00213120, Robert G. Ettleson – 0.00053280, Mary Kline – 0.00053280, Sombrero Associates – 0.00079933

TRACT NO. 2

Lease Serial Number: NMNM 0428657
Lease Date: July 17, 1963, effective September 1, 1963
Lease Term: 10 years, subsequently extended for 2 years
Lessor: United States of America
Original Lessee: T. A. Fraser and J. Mack Barnes
Current Lessee of Record: ZPZ Delaware I LLC, Northern Oil & Gas, Inc., CM Resources, LLC, Colgate Production, LLC

Description of Land Committed: SE/4NW/4 of Section 34, T19S-R28E, Eddy County, New Mexico
Number of Acres: 40.0
Royalty Rate: 12.5%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.07704584, CM Royalties, LLC – 0.00937500, Abuelo, LLC – 0.00096146, Carol Sue Mhoon – 0.01250000, Ergodic Resources LLC - .00096146, Loco Hill Production Company, LLC – 0.00096146, Magnum Hunter Production, Inc. – 0.00070159, Silverhair, LLC – 0.00096146, William G. Ross and Vee K. Ross, Trustees of the William G. Ross and Vee K. Ross Living Trust UTA dated March 9, 1990 – 0.01250000

Name of Working Interest Owners: Colgate Production, LLC - 0.64775238, Northern Oil & Gas, Inc. – 0.22214120, Myrlene Mannschreck Dillon - 0.02343750, Geoffrey Lanceley - 0.00008033, Wildcat Energy, LLC - 0.00279387, Hodge Natural Gas Gathering, Inc. - 0.00039960, Robert G. Ettleson – 0.00039960, William L. Hilliard – 0.00079910, Mary L. Kline – 0.00039970, Heirs or devisees of John R. Kline – 0.00139860, Gerald L. Michaud – 0.00079910, Ted J. Werts – 0.00039960, Intrepid Energy, Inc. – 0.01928035, Douglas C. Cranmer and Russell B. Cranmer, Trustees of the Russell E. Cranmer Irrevocable Trust dated December 28, 1992 – 0.00119880, Bill Ferguson – 0.00319680, Robert H. Kriebel – 0.00139850, Sombrero Associates – 0.00089930, Nelson & Co., for the benefit of John D. Wile Marital Trust – 0.00059940, Magnum Hunter Production, Inc. – 0.03173252, John C. Rocovich – 0.00140625, Paul & Zofia Umbarger – 0.00712969, J.W. Davis – 0.01343671, Current Trustee under Declaration of Trust dated August 28, 1982, executed by Alice G. Davis – 0.01343672, Galkay, a Joint Venture – 0.00466172, James Kenneth Garrett – 0.00020567, Joyce Eline Garrett – 0.00020567,

Donna Marie Studer, Administrator, Estate of Genevieve Studer - 0.00010283, Carl Joseph Garrett, Executor, Estate of Jasper Ben Garrett, Jr. - 0.00010283, Connie Gale Becker - 0.00010283, Ginger Lee Meyers - 0.00010283

TRACT NO. 3

Lease Serial Number:	NMNM 0428657
Lease Date:	July 17, 1963, effective September 1, 1963
Lease Term:	10 years, subsequently extended for 2 years
Lessor:	United States of America
Original Lessee:	T.A. Fraser and J. Mack Barnes
Current Lessee of Record:	ZPZ Delaware I LLC, Northern Oil & Gas, Inc., CM Resources, LLC, Colgate Production, LLC
Description of Land Committed:	SW/4NW/4 of Section 34, T19S-R28E, Eddy County, New Mexico
Number of Acres:	40
Royalty Rate:	12.5%
Name and Percent ORRI Owners:	Colgate Royalties, LP - 0.07751770, William G. Ross and Vee K. Ross, Trustees of the William G. Ross and Vee K. Ross Living Trust UTA dated March 9, 1990 - 0.01250000, Carol Sue Mhoon - 0.01250000, Marathon Oil Permian, LLC - 0.00937500, Ergodic Resources, LLC - 0.00096146, Abuelo, LLC - 0.00096146, Silverhair, LLC - 0.00096146, Loco Hills Production Company, LLC - 0.00096146, Magnum Hunter Production, Inc. - 0.00064054
Name of Working Interest Owners:	Colgate Production, LLC - 0.77275238, Northern Oil & Gas, Inc. - 0.09714120, Myrlene Mannschreck Dillon - 0.02343750, Geoffrey Lanceley - 0.00008033, Wildcat Energy, LLC - 0.00279387, Hodge Natural Gas Gathering, Inc. - 0.00039960, Robert G. Ettleson - 0.00039960, William L. Hilliard - 0.00079910, Mary L. Kline - 0.00039970, Heirs or Devisees of John R. Kline - 0.00139860, Gerald L. Michaud - 0.00079910, Ted J. Werts - 0.00039960, Intrepid Energy, Inc. - 0.01928035, Douglas C. Cranmer and Russell B. Cranmer, Trustees of the Russell E. Cranmer Irrevocable Trust dated December 28, 1992 - 0.00119880, Bill Ferguson - 0.00319680, Robert H. Krieble - 0.00139850, Sombrero Associates - 0.00089930, Nelson & Co., for the benefit of John D. Wile Marital Trust - 0.00059940, Magnum Hunter Production, Inc. - 0.03173252, John C. Rocovich - 0.00140625, Paul and Zofia Umbarger - 0.00712969,

J.W. Davis – 0.01343671, Current Trustee under Declaration of Trust dated August 28, executed by Alice G. Davis – 0.01343672, Galkay, a Joint Venture – 0.00466172, James Kenneth Garrett – 0.00020567, Joyce Eline Garrett - .00020567, Donna Marie Studer, Administrator of the Estate of Genevieve Studer – 0.00010283, Carl Joseph Garrett, Executor of the Estate of Jasper Ben Garrett, Jr. – 0.00010283, Connie Gale Becker – 0.00010283, Ginger Lee Meyers – 0.00010283

TRACT NO. 4

Fee Lease No. 1

Lease Serial Number:	N/A
Recordation Number:	Book 569, Page 1229
Lease Date:	March 15, 2004
Lease Term:	3 years
Lessor:	Lorraine R. Hudson
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	10.0 acres
Royalty Rate:	20.0%
Name and Percent ORRI Owners:	Colgate Royalties, LP – 0.02593750
Name of Working Interest Owners:	Colgate Production, LLC – 1.00000000

Fee Lease No. 2

Lease Serial Number:	N/A
Recordation Number:	Book 560, Page 1093
Lease Date:	July 9, 2004
Lease Term:	3 years
Lessor:	Sharon O. Blackard
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	5.0 acres
Royalty Rate:	20.0%
Name and Percent ORRI Owners:	Colgate Royalties, LP – 0.02593750
Name of Working Interest Owners:	Colgate Production, LLC – 1.00000000

Fee Lease No. 3

Lease Serial Number: N/A
Recordation Number: Book 560, Page 1095
Lease Date: July 9, 2004
Lease Term: 3 years
Lessor: William Wade Shipley
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 5.0 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.02593750
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 4

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1034
Lease Date: August 13, 2004
Lease Term: 2 years
Lessor: Henry C. Wunsch & wife, Mary Ann Wunsch
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.25 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.02593750
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 5

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1042
Lease Date: August 17, 2004
Lease Term: 2 years
Lessor: James R. Miller & wife, Mary Jane Miller
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.25 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.02593750
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 6

Lease Serial Number: N/A
Recordation Number: Book 573, Page 912
Lease Date: September 2, 2004
Lease Term: 2 years
Lessor: Fay Bernard
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.25 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.02593750
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 7

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1038
Lease Date: September 3, 2004
Lease Term: 2 years
Lessor: Harmon D. Greene & wife, Carolina R. Greene
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.25 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 8

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1040
Lease Date: August 17, 2004
Lease Term: 2 years
Lessor: R.R. Hinkle Company, Inc.
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.25 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 9

Lease Serial Number: N/A
Recordation Number: Book 573, Page 910
Lease Date: October 22, 2004
Lease Term: 2 years
Lessor: Virginia Black, Independent Executrix u/w/o Dillard Lee Dorland
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.75 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 10

Lease Serial Number: N/A
Recordation Number: Book 578, Page 1161
Lease Date: October 22, 2004
Lease Term: 2 years
Lessor: Zonetta M. Dorland
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.75 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 11

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1044
Lease Date: August 27, 2004
Lease Term: 2 years
Lessor: Robert P. Byron & Jeannine Hooper Byron, Trustees of the Robert & Jeannine Byron Revocable Trust under Trust Agreement dated June 18, 2003
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 2.17 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 12

Lease Serial Number:	N/A
Recordation Number:	Book 566, Page 1047
Lease Date:	September 2, 2004
Lease Term:	2 years
Lessor:	E.L. Latham Company
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	2.92 acres
Royalty Rate:	25.0%
Name and Percent ORRI Owners:	N/A
Name of Working Interest Owners:	Colgate Production, LLC – 1.0000000

Fee Lease No. 13

Lease Serial Number:	N/A
Recordation Number:	Book 566, Page 1050
Lease Date:	September 2, 2004
Lease Term:	2 years
Lessor:	Roy G. Barton, Jr.
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	3.13 acres
Royalty Rate:	25.0%
Name and Percent ORRI Owners:	N/A
Name of Working Interest Owners:	Colgate Production, LLC – 1.0000000

Fee Lease No. 14

Lease Serial Number:	N/A
Recordation Number:	Book 569, Page 665
Lease Date:	September 2, 2004
Lease Term:	2 years
Lessor:	Brett C. Barton
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	0.78 acres
Royalty Rate:	25.0%
Name and Percent ORRI Owners:	N/A
Name of Working Interest Owners:	Colgate Production, LLC – 1.0000000

Fee Lease No. 15

Lease Serial Number:	N/A
Recordation Number:	Book 569, Page 669
Lease Date:	September 2, 2004
Lease Term:	2 years
Lessor:	Roy G. Barton, III
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	0.78 acres
Royalty Rate:	25.0%
Name and Percent ORRI Owners:	N/A
Name of Working Interest Owners:	Colgate Production, LLC – 1.0000000

Fee Lease No. 16

Lease Serial Number:	N/A
Recordation Number:	Book 573, Page 907
Lease Date:	September 2, 2004
Lease Term:	2 years
Lessor:	Heidi C. Burton
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	0.78 acres
Royalty Rate:	25.0%
Name and Percent ORRI Owners:	N/A
Name of Working Interest Owners:	Colgate Production, LLC – 1.0000000

Fee Lease No. 17

Lease Serial Number:	N/A
Recordation Number:	Book 569, Page 671
Lease Date:	September 2, 2004
Lease Term:	2 years
Lessor:	Norma Jane Chanley
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	3.13 acres
Royalty Rate:	25.0%
Name and Percent ORRI Owners:	N/A
Name of Working Interest Owners:	Colgate Production, LLC – 1.0000000

Fee Lease No. 18

Lease Serial Number: N/A
Recordation Number: Book 572, Page 783
Lease Date: September 30, 2004
Lease Term: 2 years
Lessor: Wells Fargo Bank, Texas, NA, Trustee for CBF A-1 and CBF A-2
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 3.33 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 19

Lease Serial Number: N/A
Recordation Number: Book 1146, Page 255
Lease Date: June 1, 2020
Lease Term: 3 years
Lessor: Colgate Minerals, LLC
Original Lessee: Colgate Production, LLC
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.25 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

TRACT NO. 5**Fee Lease No. 1**

Lease Serial Number: N/A
Recordation Number: Book 569, Page 663
Lease Date: August 17, 2004
Lease Term: 2 years
Lessor: Wilma Evelyn Voigt
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: SW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico, limited to depths from the surface to 11,348 feet
Number of Acres: 40.0 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

TRACT NO. 6**Fee Lease No. 1**

Lease Serial Number: N/A
Recordation Number: Book 569, Page 1229
Lease Date: March 15, 2004
Lease Term: 3 years
Lessor: Lorraine R. Hudson
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 20.0 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP –
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 2

Lease Serial Number: N/A
Recordation Number: Book 560, Page 1093
Lease Date: July 9, 2004
Lease Term: 3 years
Lessor: Sharon O. Blackard
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 10.0 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP –
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 3

Lease Serial Number: N/A
Recordation Number: Book 560, Page 1095
Lease Date: July 9, 2004
Lease Term: 3 years
Lessor: William Wade Shipley
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 10.0 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP –
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 4

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1034
Lease Date: August 13, 2004
Lease Term: 2 years
Lessor: Henry C. Wunsch & wife, Mary Ann Wunsch
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.50 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP –
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 5

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1042
Lease Date: August 17, 2004
Lease Term: 2 years
Lessor: James R. Miller & wife, Mary Jane Miller
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.50 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP –
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 6

Lease Serial Number: N/A
Recordation Number: Book 573, Page 912
Lease Date: September 2, 2004
Lease Term: 2 years
Lessor: Fay Bernard
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.50 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP –
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 7

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1038
Lease Date: September 3, 2004
Lease Term: 2 years
Lessor: Harmon D. Greene & wife, Carolina R. Greene
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.50 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: Colgate Royalties, LP –
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 8

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1040
Lease Date: August 17, 2004
Lease Term: 2 years
Lessor: R.R. Hinkle Company, Inc.
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.50 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: Colgate Royalties, LP –
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 9

Lease Serial Number: N/A
Recordation Number: Book 573, Page 910
Lease Date: October 22, 2004
Lease Term: 2 years
Lessor: Virginia Black, Independent Executrix u/w/o Dillard Lee Dorland
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 1.50 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: Colgate Royalties, LP –
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 10

Lease Serial Number: N/A
Recordation Number: Book 578, Page 1161
Lease Date: October 22, 2004
Lease Term: 2 years
Lessor: Zonetta M. Dorland
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 1.50 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: Colgate Royalties, LP –
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 11

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1044
Lease Date: August 27, 2004
Lease Term: 2 years
Lessor: Robert P. Byron & Jeannine Hooper Byron, Trustees of the Robert & Jeannine Byron Revocable Trust under Trust Agreement dated June 18, 2003
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 4.33 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: Colgate Royalties, LP –
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 12

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1047
Lease Date: September 2, 2004
Lease Term: 2 years
Lessor: E.L. Latham Company
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 5.83 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: Colgate Royalties, LP –
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 13

Lease Serial Number:	N/A
Recordation Number:	Book 566, Page 1050
Lease Date:	September 2, 2004
Lease Term:	2 years
Lessor:	Roy G. Barton, Jr.
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	6.25 acres
Royalty Rate:	25.0%
Name and Percent ORRI Owners:	Colgate Royalties, LP –
Name of Working Interest Owners:	Colgate Production, LLC – 1.0000000

Fee Lease No. 14

Lease Serial Number:	N/A
Recordation Number:	Book 569, Page 665
Lease Date:	September 2, 2004
Lease Term:	2 years
Lessor:	Brett C. Barton
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	1.56 acres
Royalty Rate:	25.0%
Name and Percent ORRI Owners:	Colgate Royalties, LP –
Name of Working Interest Owners:	Colgate Production, LLC – 1.0000000

Fee Lease No. 15

Lease Serial Number:	N/A
Recordation Number:	Book 569, Page 669
Lease Date:	September 2, 2004
Lease Term:	2 years
Lessor:	Roy G. Barton, III
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	1.56 acres
Royalty Rate:	25.0%
Name and Percent ORRI Owners:	Colgate Royalties, LP –
Name of Working Interest Owners:	Colgate Production, LLC – 1.0000000

Fee Lease No. 16

Lease Serial Number: N/A
Recordation Number: Book 573, Page 907
Lease Date: September 2, 2004
Lease Term: 2 years
Lessor: Heidi C. Burton
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 1.56 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: Colgate Royalties, LP –
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 17

Lease Serial Number: N/A
Recordation Number: Book 569, Page 671
Lease Date: September 2, 2004
Lease Term: 2 years
Lessor: Norma Jane Chanley
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 6.25 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: Colgate Royalties, LP –
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 18

Lease Serial Number: N/A
Recordation Number: Book 572, Page 783
Lease Date: September 30, 2004
Lease Term: 2 years
Lessor: Wells Fargo Bank, Texas, NA, Trustee for CBF A-1 and CBF A-2
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 6.67 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: Colgate Royalties, LP –
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 19

Lease Serial Number:	N/A
Recordation Number:	Book 1146, Page 255
Lease Date:	June 1, 2020
Lease Term:	3 years
Lessor:	Colgate Minerals, LLC
Original Lessee:	Colgate Production, LLC
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	0.50 acres
Royalty Rate:	25.0%
Name and Percent ORRI Owners:	Colgate Royalties, LP –
Name of Working Interest Owners:	Colgate Production, LLC – 1.0000000

End of Exhibit “A”

RECAPITULATION

<u>Tract No.</u>	<u>No. of Acres Committed</u>	<u>Percentage of Interest in Communitized Area</u>
1	80.0	25.0%
2	40.0	12.5%
3	40.0	12.5%
4	40.0	12.5%
5	40.0	12.5%
6	80.0	25.0%
Total	320.0	100.0%

Federal Communitization Agreement

Contract No. _____

THIS AGREEMENT entered into as of the 1st day of October, 2020, by and between the parties subscribing, ratifying, or consenting hereto, such parties being hereinafter referred to as "parties hereto."

WITNESSETH:

WHEREAS, the Act of February 25, 1920 (41 Stat. 437), as amended and supplemented, authorizes communitization or drilling agreements communitizing or pooling a Federal oil and gas lease, or any portion thereof, with other lands, whether or not owned by the United States, when separate tracts under such Federal lease cannot be independently developed and operated in conformity with an established well-spacing program for the field or area and such communitization or pooling is determined to be in the public interest; and

WHEREAS, the parties hereto own working, royalty or other leasehold interests, or operating rights under the oil and gas leases and lands subject to this agreement which cannot be independently developed and operated in conformity with the well-spacing program established for the field or area in which said lands are located; and

WHEREAS, the parties hereto desire to communitize and pool their respective mineral interests in lands subject to this agreement for the purpose of developing and producing communitized substances in accordance with the terms and conditions of this agreement:

NOW, THEREFORE, in consideration of the premises and the mutual advantages to the parties hereto, it is mutually covenanted and agreed by and between the parties hereto as follows:

1. The lands covered by this agreement (hereinafter referred to as "communitized area") are described as follows:

Township 19 South, Range 28 East:

Section 33: N/2S/2

Section 34: N/2S/2

Eddy County, New Mexico

Containing **320.0** acres, and this agreement shall include only the Bone Spring formation underlying said lands and the associated gaseous hydrocarbons hereafter referred to as "communitized substances," producible from such formation.

2. Attached hereto, and made a part of this agreement for all purposes is Exhibit "A", a plat designating the communitized area and, Exhibit "B", designating the operator of the communitized area and showing the acreage, percentage and ownership of oil and gas interests in all lands within the communitized area, and the authorization, if any, for communitizing or pooling any patented or fee lands within the communitized area.

3. The Operator of the communitized area shall be Colgate Operating, LLC, whose address is 300 N. Marienfeld Street, Suite 1000, Midland, Texas 79701. All matters of operations shall be governed by the operator under and pursuant to the terms and provisions of this agreement. A successor operator maybe designated by the owners of the working interest in the communitized area and four (4) executed copies of a designation of successor operator shall be filed with the Authorized Officer.
4. Operator shall furnish the Secretary of the Interior, or his authorized representative, with a log and history of any well drilled on the communitized area, monthly reports of operations, statements of oil and gas sales and royalties and such other reports as are deemed necessary to compute monthly the royalty due the United States, as specified in the applicable oil and gas operating regulations.
5. The communitized area shall be developed and operated as an entirety, with the understanding and agreement between the parties hereto that all communitized substances produced there from shall be allocated among the leaseholds comprising said area in the proportion that the acreage interest of each leasehold bears to the entire acreage interest committed to this agreement.

If the communitized area approved in this Agreement contains unleased Federal lands, the value of $1/8^{\text{th}}$ or $12 \frac{1}{2}$ percent for the Federal lands, of the production that would be allocated to such Federal lands, described above, if such lands were leased, committed and entitled to participation, shall be payable as compensatory royalties to the Federal government. The remaining $7/8^{\text{th}}$ should be placed into an escrow account set up by the operator. Parties to the Agreement holding working interest in committed leases within the applicable communitized area are responsible for such royalty payments on the volume of the production reallocated from the unleased Federal lands to their communitized tracts as set forth in Exhibit "B" attached hereto. The value of such production subject to the payment of said royalties shall be determined pursuant to the method set forth in 30 CFR Part 1206 for the unleased Federal lands. Payment of compensatory royalties on the production reallocated from the unleased Federal lands to the committed tracts within the communitized area shall fulfill the Federal royalty obligation for such production. Payment of compensatory royalties, as provided herein, shall accrue

from the date the committed tracts in the communitized area that includes unleased Federal land receive a production allocation, and shall be due and payable by the last day of the calendar month next following the calendar month of actual production. Payment due under this provision shall end when the Federal tract is leased or when production of communitized substances ceases within the communitized area and the Communitization Agreement is terminated, whichever occurs first.

Any party acquiring a Federal lease of the unleased Federal lands included in the communitized area established hereunder, will be subject to this Agreement as of the effective date of the Federal leases to said party (ies). Upon issuance of the Federal lease and payment of its proportionate cost of the well, including drilling, completing and equipping the well, the acquiring party (ies) shall own the working interest described in the Tract, as described on Exhibit "B", and shall have the rights and obligations of said working interest as to the effective date of the Federal Lease.

6. The royalties payable on communitized substances allocated to the individual leases comprising the communitized area and the rentals provided for in said leases shall be determined and paid on the basis prescribed in each of the individual leases. Payments of rentals under the terms of leases subject to this agreement shall not be affected by this agreement except as provided for under the terms and provisions of said leases or as may herein be otherwise provided. Except as herein modified and changed, the oil and gas leases subject to this agreement shall remain in full force and effect as originally made and issued. It is agreed that for any Federal lease bearing a sliding- or step-scale rate of royalty, such rate shall be determined separately as to production from each communitization agreement to which such lease may be committed, and separately as to any noncommunitized lease production, provided, however, as to leases where the rate of royalty for gas is based on total lease production per day, such rate shall be determined by the sum of all communitized production allocated to such a lease plus any noncommunitized lease production.
7. There shall be no obligation on the lessees to offset any well or wells completed in the same formation as covered by this agreement on separate component tracts into which the communitized area is now or may hereafter be divided, nor shall any lessee be required to measure separately communitized substances by reason of the diverse ownership thereof, but the lessees hereto shall not be released from their obligation to protect said communitized area from drainage of communitized substances by a well or wells which may be drilled offsetting said area.
8. The commencement, completion, continued operation, or production of a well or wells for communitized substances on the communitized area shall be construed and considered as the commencement, completion, continued operation, or production on each and all of the lands within and comprising said communitized

- area, and operations or production pursuant to this agreement shall be deemed to be operations or production as to each lease committed hereto.
9. Production of communitized substances and disposal thereof shall be in conformity with allocation, allotments, and quotas made or fixed by any duly authorized person or regulatory body under applicable Federal or State statutes. This agreement shall be subject to all applicable Federal and State laws or executive orders, rules and regulations, and no party hereto shall suffer a forfeiture or be liable in damages for failure to comply with any of the provisions of this agreement if such compliance is prevented by, or if such failure results from, compliance with any such laws, orders, rules or regulations.
 10. The date of this agreement is October 1, 2020, and it shall become effective as of this date or from the onset of production of communitized substances, whichever is earlier upon execution by the necessary parties, notwithstanding the date of execution, and upon approval by the Secretary of the Interior or by his duly authorized representative, and shall remain in force and effect for a period of 2 years and for as long as communitized substances are, or can be, produced from the communitized area in paying quantities: Provided, that prior to production in paying quantities from the communitized area and upon fulfillment of all requirements of the Secretary of the Interior, or his duly authorized representative, with respect to any dry hole or abandoned well, this agreement may be terminated at any time by mutual agreement of the parties hereto. This agreement shall not terminate upon cessation of production if, within 60 days thereafter, reworking or drilling operations on the communitized area are commenced and are thereafter conducted with reasonable diligence during the period of nonproduction. The 2-year term of this agreement will not in itself serve to extend the term of any Federal lease which would otherwise expire during said period.
 11. The covenants herein shall be construed to be covenants running with the land with respect to the communitized interests of the parties hereto and their successors in interests until this agreement terminates and any grant, transfer, or conveyance of any such land or interest subject hereto, whether voluntary or not, shall be and hereby is conditioned upon the assumption of all obligations hereunder by the grantee, transferee, or other successor in interest, and as to Federal land shall be subject to approval by the Secretary of the Interior, or his duly authorized representative.
 12. It is agreed between the parties hereto that the Secretary of the Interior, or his duly authorized representative, shall have the right of supervision over all Fee and State mineral operations within the communitized area to the extent necessary to monitor production and measurement, and assure that no avoidable loss of hydrocarbons occur in which the United States has an interest pursuant to applicable oil and gas regulations of the Department of the Interior relating to such production and measurement.

- IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the day and year first above written and have set opposite their respective names the date of execution.

By: _____
Brandon Gaynor, Sr. Vice President of Land

STATE OF TEXAS)
) ss.
COUNTY OF MIDLAND)

My commission expires

Title: Senior Vice President

My commission expires _____

My commission expires

ZPZ Delaware I, LLC
(Lessee of Record)

Date: _____

By: _____

Name: _____

Title: _____

ACKNOWLEDGEMENT

STATE OF _____)
) ss.
COUNTY OF _____)

On this _____ day of _____, 2022, before me, a Notary Public for the State of _____, personally appeared _____, known to me to be the _____ of _____, the corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)

Notary Public

My commission expires

ACKNOWLEDGEMENT
(Individual capacity)

STATE OF _____)
COUNTY OF _____)

On this _____ day of _____, 2022, before me, a Notary Public for the State of _____, personally appeared _____.

(SEAL)

Notary Public

My commission expires

ZPZ Delaware I, LLC
(Lessee of Record)

Date: _____

By: _____

Name: _____

Title: _____

ACKNOWLEDGEMENT

STATE OF _____)
) ss.
COUNTY OF _____)

On this _____ day of _____, 2022, before me, a Notary Public for the State of _____, personally appeared _____, known to me to be the _____ of _____, the corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)

Notary Public

My commission expires

ACKNOWLEDGEMENT
(Individual capacity)

STATE OF _____)
COUNTY OF _____)

On this _____ day of _____, 2022, before me, a Notary Public for the State of _____, personally appeared _____.

(SEAL)

Notary Public

My commission expires

Northern Oil and Gas, Inc.
(Lessee of Record & Working Interest Owner)

Date: _____

By: _____

Name: _____

Title: _____

ACKNOWLEDGEMENT

STATE OF _____)
) ss.
COUNTY OF _____)

On this _____ day of _____, 2022, before me, a Notary Public for the State of _____, personally appeared _____, known to me to be the _____ of _____, the corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)

Notary Public

My commission expires

ACKNOWLEDGEMENT
(Individual capacity)

STATE OF _____)
COUNTY OF _____)

On this _____ day of _____, 2022, before me, a Notary Public for the State of _____, personally appeared _____.

(SEAL)

Notary Public

My commission expires

EXHIBIT "A"

Plat of communitized area covering **320.0** acres in Township 19 South, Range 28 East, N/2S/2 of Section 33 and the N/2S/2 of Section 34, Eddy County, New Mexico, as written in Section 1 above.

Well Name/No.

DAWSON 34 FED COM #123H
DAWSON 34 FED COM #133H

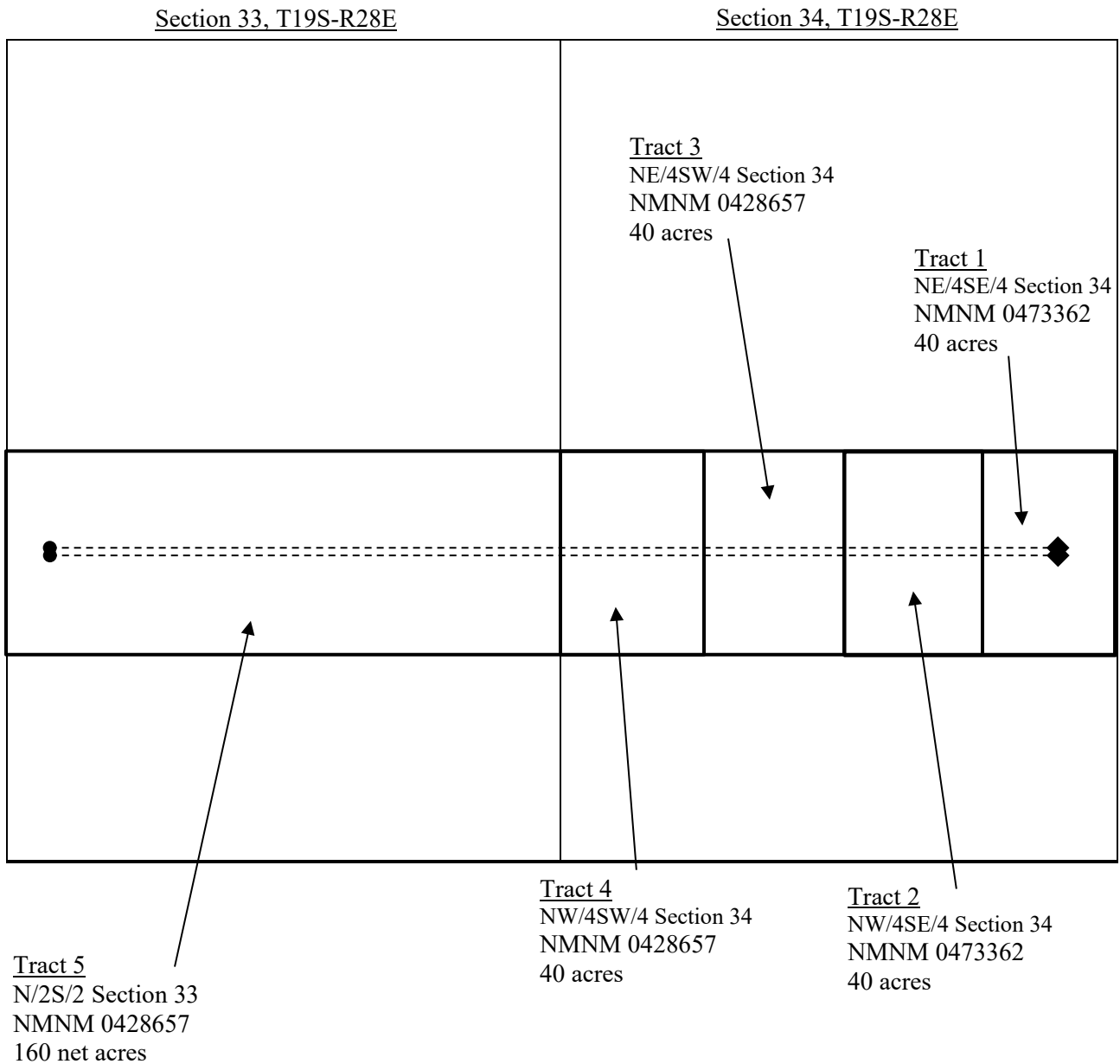


EXHIBIT "B"

To Communitization Agreement Dated October 1, 2020, embracing the following described land in Township 19 South, Range 28 East, N/2S/2 of Section 33 and N/2S/2 of Section 34, Eddy County, New Mexico, as written in Section 1 above.

Operator of Communitized Area:

COLGATE OPERATING, LLC

DESCRIPTION OF LEASES COMMITTED

TRACT NO. 1

Lease Serial Number:	NMNM 0473362
Lease Date:	Effective January 1, 1964
Lease Term:	10 years, subsequently extended for 2 years
Lessor:	United States of America
Original Lessee:	George A. Lauck
Current Lessee of Record:	D.W. Underwood and J.C. Williamson
Description of Land Committed:	NE/4SE/4 of Section 34, T19S-R28E, Eddy County, New Mexico
Number of Acres:	40
Royalty Rate:	12.5%
Name and Percent ORRI Owners:	Colgate Royalties, LP – 0.06027778, Frank J. Pisor – 0.00125000, Heirs of George A Lauk & Molly Lauk – 0.00937500, Mark and Paula McClellan – 0.000625000, Ross and Kandace McClellan – 0.000625000, Etheredge Revocable Living Trust dtd 11/4/1997 – 0.00347222, Marshall & Winston, Inc. – 0.028125000, Greenville Partners – 0.00937500, Kevin Hammitt – 0.00468750, James A. Lawson – 0.00468750, Mountain Lion Oil & Gas – 0.06027778
Name of Working Interest Owners:	Colgate Production, LLC - 0.85544306, Northern Oil & Gas, Inc. – 0.02570714, C5 Capital Management, LLC – 0.00520833, HCH Investment, LLC – 0.00520833, Catherine E. Huffman – 0.00520833, Elizabeth Tullis Dillard – 0.06250000, Myrlene Mannschreck Dillon – 0.03125000, Duer Wagner, III - .00377250, Geoffrey Lancely – 0.00010778, Douglas Cranmer – 0.00053280, Russell Cranmer – 0.00053280, Douglas C. Cranmer and Russell B. Cranmer, Trustees of the Russell E. Cranmer Irrevocable Trust dtd December 28, 1992 – 0.00053280, Katherine Ferguson – 0.00213120, Robert G. Ettleson – 0.00053280, Mary Kline – 0.00053280, Sombrero Associates – 0.00079933

TRACT NO. 2

Lease Serial Number: NMNM 0473362
Lease Date: Effective January 1, 1964
Lease Term: 10 years, subsequently extended for 2 years
Lessor: United States of America
Original Lessee: George A. Lauck
Current Lessee of Record: D.W. Underwood and J.C. Williamson
Description of Land Committed: NW/4SE/4 of Section 34, T19S-R28E, Eddy County, New Mexico
Number of Acres: 40
Royalty Rate: 12.5%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.06027778, Mountain Lion Oil & Gas – 0.00500000, Frank J. Pisor – 0.00125000, Heirs of George A. Lauck & Molly Lauck – 0.00937500, Mark & Paula McClellan – 0.00062500, Ross & Kandace McClellan – 0.00062500, Cheryl Diane Etheredge, Trustee of the Etheredge Rev. Living Trust dtd 11/4/1997 – 0.00347222, Marshall & Winston, Inc. – 0.02812500, Greenville Partners – 0.00937500, Kevin Hammit – 0.00468750, James A. Lawson – 0.00468750
Name of Working Interest Owners: Colgate Production, LLC - 0.87500000, Raquel L. Womack – 0.00053285, Robert K. Hillin, Jr. – 0.12500000, Katherine Ferguson – 0.00213120

TRACT NO. 3

Lease Serial Number: NMNM 0428657
Lease Date: July 17, 1963, effective September 1, 1963
Lease Term: 10 years, subsequently extended for 2 years
Lessor: United States of America
Original Lessee: T. A. Fraser and J. Mack Barnes
Current Lessee of Record: ZPZ Delaware I LLC, Northern Oil & Gas, Inc., CM Resources, LLC, Colgate Production, LLC
Description of Land Committed: NE/4SW/4 of Section 34, T19S-R28E, Eddy County, New Mexico
Number of Acres: 40
Royalty Rate: 12.5%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.07704584, CM Royalties, LLC – 0.00937500, Abuelo, LLC – 0.00096146, Carol Sue Mhoon – 0.01250000, Ergodic Resources LLC - .00096146, Loco Hill Production Company, LLC – 0.00096146, Magnum Hunter Production, Inc. – 0.00070159, Silverhair, LLC – 0.00096146, William G. Ross and Vee K. Ross, Trustees of the

Name of Working Interest Owners:

William G. Ross and Vee K. Ross Living Trust
 UTA dated March 9, 1990 – 0.01250000
 Colgate Production, LLC - 0.64775238, Northern
 Oil & Gas, Inc. – 0.22214120, Myrlene
 Mannschreck Dillon - 0.02343750, Geoffrey
 Lanceley - 0.00008033, Wildcat Energy, LLC -
 0.00279387, Hodge Natural Gas Gathering, Inc. -
 0.00039960, Robert G. Ettleson – 0.00039960,
 William L. Hilliard – 0.00079910, Mary L. Kline
 – 0.00039970, Heirs or Devisees of John R. Kline
 – 0.00139860, Gerald L. Michaud – 0.00079910,
 Ted J. Werts – 0.00039960, Intrepid Energy, Inc.
 – 0.01928035, Douglas C. Cranmer and Russell
 B. Cranmer, Trustees of the Russell E. Cranmer
 Irrevocable Trust dated December 28, 1992 –
 0.00119880, Bill Ferguson – 0.00319680, Robert
 H. Krieble – 0.00139850, Sombrero Associates –
 0.00089930, Nelson & Co., for the benefit of John
 D. Wile Marital Trust – 0.00059940, Magnum
 Hunter Production, Inc. – 0.03173252, John G.
 Rocovich – 0.00140625, Paul & Zofia Umbarger
 – 0.00712969, J.W. Davis – 0.01343671, Current
 Trustee under Declaration of Trust dated August
 28, 1982, executed by Alice G. Davis –
 0.01343672, Galkay, a Joint Venture –
 0.00466172, James Kenneth Garrett –
 0.00020567, Joyce Eline Garrett – 0.00020567,
 Donna Marie Studer, Administrator, Estate of
 Genevieve Studer - 0.00010283, Carl Joseph
 Garrett, Executor, Estate of Jasper Ben Garrett, Jr.
 – 0.00010283, Connie Gale Becker – 0.00010283,
 Ginger Lee Meyers – 0.00010283

TRACT NO. 4**Lease Serial Number:**

NMNM 0428657

Lease Date:

July 17, 1963, effective September 1, 1963

Lease Term:

10 years, subsequently extended for 2 years

Lessor:

United States of America

Original Lessee:

T.A. Fraser and J. Mack Barnes

Current Lessee of Record:

ZPZ Delaware I LLC, Northern Oil & Gas,
 Inc., CM Resources, LLC, Colgate Production,
 LLC

Description of Land Committed:

NW/4SW/4 of Section 34, T19S-R28E, Eddy
 County, New Mexico

Number of Acres:

40

Royalty Rate:	12.5%
Name and Percent ORRI Owners:	Colgate Royalties, LP – 0.07751768, William G. Ross and Vee K. Ross, Trustees of the William G. Ross and Vee K. Ross Living Trust UTA dated March 9, 1990 – 0.01250000, Carol Sue Mhoon – 0.01250000, Marathon Oil Permian, LLC – 0.00937500, Ergodic Resources, LLC – 0.00096146, Abuelo, LLC – 0.00096146, Silverhair, LLC – 0.00096146, Loco Hills Production Company, LLC – 0.00096146, Magnum Hunter Production, Inc. – 0.00064054
Name of Working Interest Owners:	Colgate Production, LLC – 0.77275238, Northern Oil & Gas, Inc. – 0.09714120, Myrlene Mannschreck Dillon – 0.02343750, Geoffrey Lanceley – 0.00008033, Wildcat Energy, LLC – 0.00279387, Hodge Natural Gas Gathering, Inc. – 0.00039960, Robert G. Ettleson – 0.00039960, William L. Hilliard – 0.00079910, Mary L. Kline – 0.00039970, Heirs or Devisees of John R. Kline – 0.00139860, Gerald L. Michaud – 0.00079910, Ted J. Werts – 0.00039960, Intrepid Energy, Inc. – 0.01928035, Douglas C. Cranmer and Russell B. Cranmer, Trustees of the Russell E. Cranmer Irrevocable Trust dated December 28, 1992 – 0.00119880, Bill Ferguson – 0.00319680, Robert H. Krieble – 0.00139850, Sombrero Associates – 0.00089930, Nelson & Co., for the benefit of John D. Wile Marital Trust – 0.00059940, Magnum Hunter Production, Inc. – 0.03173252, John C. Rocovich – 0.00140625, Paul and Zofia Umbarger – 0.00712969, J.W. Davis – 0.01343671, Current Trustee under Declaration of Trust dated August 28, executed by Alice G. Davis – 0.01343672, Galkay, a Joint Venture – 0.00466172, James Kenneth Garrett – 0.00020567, Joyce Eline Garrett - .00020567, Donna Marie Studer, Administrator of the Estate of Genevieve Studer – 0.00010283, Carl Joseph Garrett, Executor of the Estate of Jasper Ben Garrett, Jr. – 0.00010283, Connie Gale Becker – 0.00010283, Ginger Lee Meyers – 0.00010283

TRACT NO. 5

Lease Serial Number: NMNM 0428657
Lease Date: July 17, 1963, effective September 1, 1963
Lease Term: 10 years, subsequently extended for 2 years
Lessor: United States of America
Original Lessee: T.A. Fraser and J. Mack Barnes
Current Lessee of Record: ZPZ Delaware I LLC, Northern Oil & Gas, Inc., CM Resources, LLC, Colgate Production, LLC

Description of Land Committed: N/2S/2 of Section 33, T19S-R28E, Eddy County, New Mexico

Number of Acres: 160
Royalty Rate: 12.5%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.06337572, Brian Eamer – 0.00029297, Carol Sue Mhoon – 0.01250000, Moser Revocable Trust – 0.00117188, Charles L. Johnson – 0.00019531, Erin Eamer – 0.00029297, Flatrock Royalties LLC – 0.00014648, Lori Lynn Johnson Nelson – 0.00019531, Michael O. Johnson – 0.00019531, Mongoose Minerals, LLC – 0.01735163, Nestegg Energy Corp. – 0.00291000, William G. & Vee K. Ross Living Trust UTA dated 3/9/1990 – 0.012500000

Name of Working Interest Owners: Colgate Production, LLC – 0.43120148, Heirs of Carroll T. Hutchens, Sr. – 0.00781250, Teryl D. Meyers – 0.00024568, COG Operating, LLC – 0.24687500, James W. Bowen – 0.00781250, Edward J. Brown – 0.00781250, JCJ Investments, LLC – 0.00454710, Vernon Burfiend – 0.00390625, Margaret Andrews Avery – 0.00036851, Margaret A. McCloud & Thomas D. McCloud, Trustees of the Robert N. Avery Family Trust – 0.00036851, Virginia B. Dean – 0.00012284, Virginia B. Dean, Clinton H. Dean Jr., Michael Charles Dean & Robert Russell Dean, Trustees of the Virginia B. Dean Marital Deduction Trust – 0.00012284, Clinton H. Dean, Jr. – 0.00016378, Michael C. Dean – 0.00016378, Robert R. Dean – 0.00016378, The Egbert Living Trust dated April 1, 2005 – 0.01599351, Shirley Ann Egbert – 0.00396767, Claudia Baker – 0.00238060, Wilfred E. Blessing & Victor F. Bogard, Co-Trustees of Trust A u/w/o Galen S. Egbert f/b/o Brian Galen Egbert – 0.00119030, Wilfred E. Blessing & Victor F. Bogard, Co-Trustees of Trust B u/w/o Galen S. Egbert f/b/o

the grandchildren of Galen S. Egbert –
0.00039677, Dorsar Investment Company –
0.00036851, Martin T. Hart – 0.00024568, Edna
Louise Miller – 0.00024568, Virginia D. Kriz-
Neessen – 0.00024568, John T. Olive –
0.00024568, John A. Ponsford – 0.00024568,
Sarador, a partnership – 0.00024568, Richard J.
Vance & Lorraine Vance – 0.00024567, Homer L.
Wedig – 0.00012284, James M. Welch –
0.00012284, Becky Ruth Welch – 0.00032552,
Bryan Winston Welch – 0.00032552, Stacy Ann
Welch Green – 0.00032552, Gene Wood Joint
Venture Account – 0.00094585, 5 J's Plus L, Inc.
– 0.00781250, Charles Eugene Cooper & DeAnn
Hutson, Co-Trustees of the Charles Eugene
Cooper Trust – 0.00781250, James W. Doak, Jr. –
0.00781250, Joyce Ann Hansen – 0.00488281,
Hans Eric Hansen – 0.00097656, Gregory Martin
Hansen – 0.00097656, Nicole Williams –
0.00048828, Michelle Rank – 0.00048828, Byrl
W. Harris – 0.00781250, International Petroleum
Corp. – 0.00390625, Tularosa Oil Company –
0.00195313, Togiak Resources, LLC –
0.00195312, Peggy Runyan – 0.01562500,
Cheron Oil & Gas Co., Inc. – 0.00634766, Pregler
Oil Co, LLC – 0.00146484, Malcolm G. MacNeill
– 0.01562500, B and H Royalty Company –
0.00390625, Richard Pruett – 0.00781250, Adene
L. Sealy – 0.00390625, Stanley F. Smith –
0.00390625, Krista Alicen Stephenson, Trustee of
the Krista Alicen Stephenson Trust – 0.00390625,
Abbejane Masterson Bates – 0.00390625, John G.
Willy – 0.00390625

RECAPITULATION

<u>Tract No.</u>	<u>No. of Acres Committed</u>	<u>Percentage of Interest in Communitized Area</u>
1	40.00	12.5%
2	40.00	12.5%
3	40.00	12.5%
4	40.00	12.5%
5	160.00	50.0%
Total	320.00	100.00%



APPLICATION FOR SURFACE POOL/LEASE COMMINGLING

Colgate Operating, LLC respectfully requests approval to surface pool lease commingle oil and gas from all existing and future wells in Section 33, 34, 35 and 36 in Township 19 South, Range 28 East, within the Bone Spring and Wolfcamp pools listed in the application.

This application comes in addition to an application currently on file pending approval.

This Commingle and Allocation Approval (CAA) will not negatively affect the royalty of the federal government. Any allocation meters (non-FMPs) will meet API measurement standard 14.1. The location of the FMP is on lease. There is no new surface disturbance included as part of the proposed CAA. These spacing units are initially dedicated to the following wells:

	API	WELL NAME	WELL #	LOCATION	POOL CODE/ NAME	STATUS	Oil BPD	Gravities	MCFPD	BTU
1	30-015-49005	DAWSON 34 FEDERAL COM	114H	I-34-19S-28E	[48035] OLD MILLMAN RANCH; BS (ASSOC) & [65010] WINCHESTER; BONE SPRING	Permitted	*2000	*43	*4000	*1250
2	30-015-47704	DAWSON 34 FEDERAL COM	123H	I-34-19S-28E	[48035] OLD MILLMAN RANCH; BS (ASSOC) & [65010] WINCHESTER; BONE SPRING	Drilled	*1100	*43	*1700	*1250
3	30-015-47603	DAWSON 34 FEDERAL COM	124H	P-34-19S-28E	[48035] OLD MILLMAN RANCH; BS (ASSOC) & [65010] WINCHESTER; BONE SPRING	Producing	*1100	*43	*1700	*1250
4	30-015-47705	DAWSON 34 FEDERAL COM	133H	I-34-19S-28E	[48035] OLD MILLMAN RANCH; BS (ASSOC) & [65010] WINCHESTER; BONE SPRING	Drilled	*1100	*43	*1700	*1250
5	30-015-47604	DAWSON 34 FEDERAL COM	134H	P-34-19S-28E	[48035] OLD MILLMAN RANCH; BS (ASSOC) & [65010] WINCHESTER; BONE SPRING	Producing	*1100	*43	*1700	*1250
6	30-015-47706	SHAMROCK 34 FEDERAL COM	121H	D-35-19S-28E	[48035] OLD MILLMAN RANCH; BS (ASSOC) & [65010] WINCHESTER; BONE SPRING	Drilled	*2000	*43	*4000	*1250
7	30-015-47707	SHAMROCK 34 FEDERAL COM	122H	H-34-19S-28E	[48035] OLD MILLMAN RANCH; BS (ASSOC) & [65010] WINCHESTER; BONE SPRING	Drilled	*2000	*43	*4000	*1250
8	30-015-47708	SHAMROCK 34 FEDERAL COM	131H	D-35-19S-28E	[48035] OLD MILLMAN RANCH; BS (ASSOC) & [65010] WINCHESTER; BONE SPRING	Drilled	*1100	*43	*1700	*1250
9	30-015-47751	SHAMROCK 34 FEDERAL COM	132H	I-34-19S-28E	[48035] OLD MILLMAN RANCH; BS (ASSOC) & [65010] WINCHESTER; BONE SPRING	Drilled	*1100	*43	*1700	*1250
10		Uluru 35 Fed	121H	D-35-19S-28E	[65010] WINCHESTER; BONE SPRING	Permitted	*2000	*43	*4000	*1250
11		Uluru 35 Fed State Com	131H	H-34-19S-28E	[65010] WINCHESTER; BONE SPRING	Permitted	*1100	*43	*1700	*1250

300 N. Marienfeld Street, Suite 1000, Midland, Texas 79701

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February 11, 2022

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12		Uluru 35 Fed State Com	132H	H-34-19S-28E	[65010] WINCHESTER; BONE SPRING	Permitted	*1100	*43	*1700	*1250
13		Uluru 35 Fed State Com	133H	H-34-19S-28E	[65010] WINCHESTER; BONE SPRING	Permitted	*1100	*43	*1700	*1250
14		Uluru 35 Fed State Com	134H	P-34-19S-28E	[65010] WINCHESTER; BONE SPRING	Permitted	*1100	*43	*1700	*1250
15		Uluru 35 Fed State Com	201H	D-35-19S-28E	BURTON FLAT; WOLFCAMP, NORTH (GAS)	Permitted	*1100	*43	*1700	*1250
16		Uluru 35 Fed State Com	203H	P-34-19S-28E	BURTON FLAT; WOLFCAMP, NORTH (GAS)	Permitted	*1100	*43	*1700	*1250

General Information:

The Tank Battery to service the subject wells is located in the SENE of Section 34 in Township 19 South Range 28 East, Eddy County, New Mexico.

Application to commingle production from the subject wells has been submitted to the Bureau of Land Management, NMOCD and SLO.

Future Information:

Pursuant to Statewide rule 19.15.12.10 (C)(4)(g) Colgate Operating, LLC respectfully requests the option to include additional wells, pools and/or leases contained within the spacing units identified and approved in this application by filing a Subsequent Sundry Report to the BLM for Federal and filing a C-103Z and C-102 with the NMOCD. Notice to owners shall not be required when amending the application to add wells contained within spacing units previously approved for commingling authority.

300 N. Marienfeld Street, Suite 1000, Midland, Texas 79701

P: (432) 695-4222 | F: (432) 695-4063

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Allocation Methodology

PRORATED ALLOCATION

GAS ALLOCATION

Each well has a Wellhead (WH) meter and a Gas Lift (GL) meter. The CTB has a FC Meter that measures the volume of gas that leaves the CTB, this FC meter is considered an FMP. The INJ BB meter that measures off-lease gas coming on lease used for gas lift from the gathering line is considered an FMP.

1. Buyback FM is the volume of off-lease gas used for gas lift and to run the compressor, it is calculated by Buyback – Comp Fuel,
2. Net Well Production is base amount of production not used for gas lift and is calculated by subtracting Gas Lift (GL) volume from the wellhead (WH) meter reading.
3. Lease use is the volume of gas used by the equipment on the CTB allocated to the wells by Lease Use volume/total hours produced by all wells on CTB * each wells Hours On.
4. Theoretical % used for the allocation of production/sales is calculated by dividing the Net Well Production volume for each well into the sum of the Net Well Production.
5. CTB FC-INJ BB (Net CTB Gas) is volume of gas for royalty purposes, off lease gas is netted out of FMP meter volume. FC Meter – (INJ BB Meter – GL Compressor). This gives you the volume of gas for royalty purposes that was produced/sold from the CTB.
6. Theoretical % for each well is multiplied by the Net CTB Gas.
7. HP Flare is volume of gas flared from the CTB, allocated to wells by Theoretical % for each well * HP FL volume.
8. VRU measures the gas from the oil tanks, is allocated based on allocated oil production for each well. VRU is an FMP. VRU measured volume * theoretical % of oil produced. Each well's oil measured volume/by sum of all oil measured volumes on CTB = theoretical oil volume.
9. Total Net FMP Volumes is total sold from the CTB to the gathering line and is calculated by Net CTB Gas + VRU.
10. Allocated Production is all gas produced by CTB and is calculated by adding Total Net FMP Volumes+ HP Flare + Lease Use.
11. Total Net FMP Volumes is total sold from the CTB to the gathering line and is calculated by Net CTB

OIL ALLOCATION

Each well has an oil meter measuring the volume of oil produced by the well. This volume is used as the allocation point to prorate Allocated Production and Total Sales Volume (FMP) back to each well.

1. Allocated production is volume of oil produced by the CTB and is calculated by Ending Tank Inventory + Pipeline LACT (FMP) – Beginning Tank Inventory.
2. Available oil for sale is calculated by Pipeline Lact (FMP) – Beginning Tank Inventory.
3. Theoretical % is calculated by dividing each oil meter volume into the sum of oil meters.
4. The Theoretical % for each well is multiplied by the Allocated Production and the Available Sales.
5. Total Sales Volume is the volume of oil sold through the FMP meter. It is calculated by adding available for sale to the beginning inventory for each well.
6. Beginning Inventory comes from previous accounting period's Ending Inventory for each well.
7. Ending Inventory for each well is calculated by adding Beginning Inventory + Allocated Production – Total Sales Volume.

WATER ALLOCATION

Each well has a water meter measuring the volume of water produced by the well. This volume is used as the allocation point to prorate Allocated Production and Total Transferred Volume back to each well.

1. Allocated production is volume of water produced by the CTB and is calculated by Ending Tank Inventory + Water Transfer – Beginning Tank Inventory.
2. Available Water to Transfer is calculated by Water Transfer – Beginning Tank Inventory.
3. Theoretical % is calculated by dividing each water meter volume into the sum of the water meters.
4. The Theoretical % for each well is multiplied by the Allocated Production and the Available Sales.
5. Total Transfer Volume is the volume of water transferred off the CTB. It is calculated by adding Available to Transfer to the beginning inventory for each well.
6. Beginning Inventory comes from previous accounting period's allocated Ending Inventory for each well.
7. Ending Inventory for each well is calculated by adding beginning inventory + Allocated Production – Total Transfer Volume.

Applied Allocation Spreadsheet Examples (Oil Stream)

Definition of Factors, Formulas, and Assets	
Oil Allocation Factor	Daily meter reading from a testing vessel (shared or designated by well) for an individual well used as the basis for prorating produced sellable volumes from the OMT.
Well Test Hours	Total hours that well test was conducted for. Used to adjust Oil Allocation Factor to a 24 hour rate. Well test hours can be more than or less than 24 hours but greater than 0.
Hours Flowed	Total hours that well was flowing produced fluids. Used to adjust Oil Allocation Factor to compensate for Oil Allocation Factor being adjusted to a 24 hour rate.
Oil Allocation Factor Basis	The Oil Allocation Factor adjusted to 24 hour basis and corrected for any downtime incurred for the well. Reporting volume to the OGOR.
Theoretical % of Production	Calculated by dividing the Oil Allocation Factor Basis for the individual well into the sum of all Basis' at the OMT. Not visualized in the production accounting program.
Allocated Oil Production	Volume of sold or stored volume produced in the time period ready to sell from the OMT allocated to each well. Reporting Volume to the OGOR.
Oil Master Tank (OMT)	Relative terminology synonymous with Central Tank Battery.
Beginning Oil	Inventory in bbls from the previous accounting periods calculated ending inventories. In the case of a new OMT, during any accounting period, Open inventory would be = 0.
Ending Oil	Inventory in bbls as measure for the date of accounting. Ending inventory can be positive, negative or neutral each day, but cannot sum to < 0.
Dispositions	A measured volume removed from a tank or moved through a LACT. Recorded from a ticket or direct meter read.
Oil Production	Total volume sold or available for sell for each asset at the OMT for accounting period. Calculated by subtracting Ending Oil from Beginning Oil and summing with Dispositions
OMT Totals	Formula to calculate the total volumes sold or available for sale at the OMT for the accounting period. Reporting Volume to the OGOR.
LACT	Measures in bbls the volume transferred at the LACT meter to custody of the midstream gatherer or direct to purchaser.
Oil Tank #	Physical tank count at the OMT. Tanks can vary in size by battery and volume requirements. BBL/Inch factors are calculated and applied at the asset level.

Individual Well Factors and Allocated Production						
Well Name	Oil Allocation Factor	Well Test Hours	Hours Flowed	Oil Allocation Factor Basis	Theoretical % of Production	Allocated Oil Production
xxxxx	817.59	24.00	24.00	817.59	0.62374	821.11
xxxxx	493.20	24.00	24.00	493.20	0.37626	495.33
Totals	1310.79	-	-	1310.79	1.00000	1316.44

Oil Master Tank (OMT)				
Asset	Beginning Oil	Ending Oil	Dispositions	Oil Production
Oil Tank 1 (OT1)	166.80	161.24		-5.56
Oil Tank 2 (OT2)	88.96	88.96		0.00
Oil Tank 3 (OT3)	63.94	63.94		0.00
LACT			1322.00	1322.00
OMT Totals	319.70	314.14		1316.44

Applied Allocation Spreadsheet Examples (Gas Stream)

Definition of Factors, Formulas, and Assets	
Gas Out	Daily meter reading from a testing vessel (shared or designated by well) for an individual well used as the basis for prorating total produced volumes.
Gas In	Daily meter reading from a designated meter for an individual well for measuring the amount of gas injected into a well for gas lift purposes.
Formation Gas	The total gas produced from the formation. Calculated by subtracting Gas In from Gas Out.
Theoretical % of Production	Calculated by dividing the Formation Gas for the individual well into the sum of all Formation Gas. Not visualized in the production accounting program.
Allocated Gas Production	Total volume of gas sold, flared, utilized for lease operations, or utilized as fuel for compression equipment and less the gas metered through the Gas Buy Back. Reporting Volume to the OGOR.
Allocated Gas Sales	Total volume sold from the CTB less the gas metered through the Gas Buy Back Meter. Reporting Volume to the OGOR.
Allocated Flared Volume	Total volume flared from the CTB. Reporting Volume to the OGOR.
Gas Flare Meter	Metered volume of gas sent to combustion or flare for the CTB
Gas Lease Use Meter	Metered volume of gas utilized for lease operations for pneumatics, power generation, or other necessary operations to operate the CTB.
Gas Sales Meter	Metered volume of gas transferred at a custody exchange point to a midstream gatherer or direct purchaser.
Gas Compressor Factor	Total gas burned as fuel for operation of gas lift compression for purposes of injection for gas lift purposes. An hourly rate factored by the total Hours On of the compressor daily.
Hours On	Total hours the compressor was ran for the allocation period.
Gas Buy Back Meter	Metered volume of gas transferred from a custody exchange point to the operator for use as lease use, compression fuel, or injection volume.
Total Gas Basis	Sum of all gas utilized in the operation of the lease.

Individual Well Factors and Allocated Production

Well Name	Gas Out	Gas In	Formation Gas	Theoretical % of Production	Allocated Gas Production	Allocated Gas Sales	Allocated Flared Volume
xxxxx	2370.00	765.80	1604.20	0.61553	1817.67	1556.07	221.59
xxxxx	1763.00	761.00	1002.00	0.38447	1135.33	971.93	138.41
Totals	4133.00	1526.80	2606.20	1.00000	2953.00	2528.00	360.00

Total Gas Metered Out of CTB

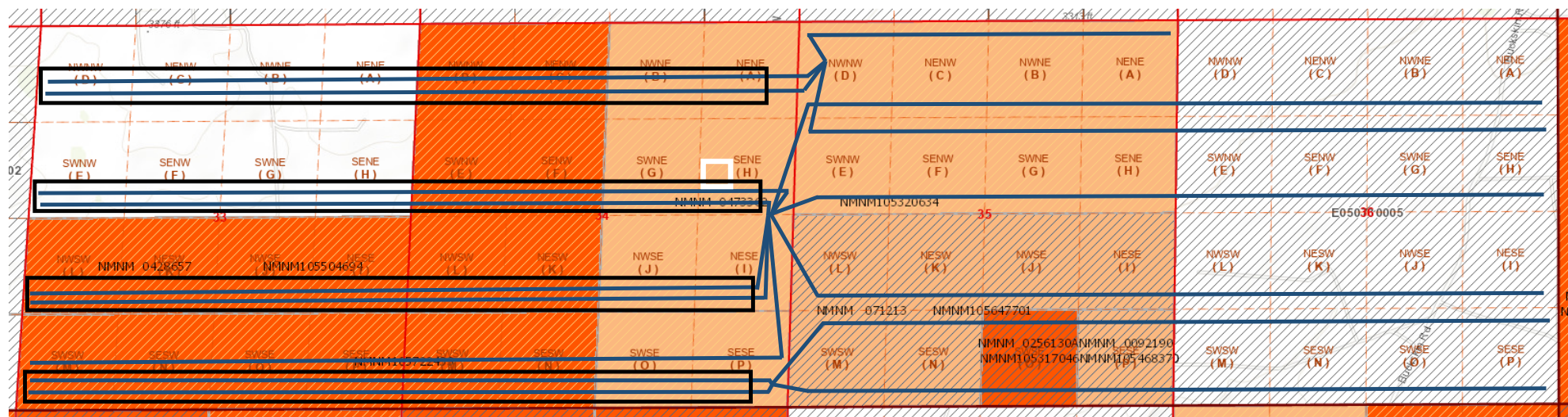
Asset	Gas Production	Hours On
Gas Flare Meter	360.00	
Gas Lease Use Meter	0.00	
Gas Sales Meter	2528.00	
GL Compressor Factor	65.00	24.00
Gas Buy Back Meter	0.00	
Total Gas Basis	2953.00	

Applied Allocation Spreadsheet Examples (Water Stream)

Definition of Factors, Formulas, and Assets	
Water Allocation Factor	Daily meter reading from a testing vessel (shared or designated by well) for an individual well used as the basis for prorating produced volumes from the WMT.
Well Test Hours	Total hours that well test was conducted for. Used to adjust Water Allocation Factor to a 24 hour rate. Well test hours can be more than or less than 24 hours but greater than 0.
Hours Flowed	Total hours that well was flowing produced fluids. Used to adjust Water Allocation Factor to compensate for Water Allocation Factor being adjusted to a 24 hour rate.
Water Allocation Factor Basis	The Water Allocation Factor adjusted to 24 hour basis and corrected for any downtime incurred for the well. Reporting volume to the OGOR.
Theoretical % of Production	Calculated by dividing the Water Allocation Factor Basis for the individual well into the sum of all Basis' at the WMT. Not visualized in the production accounting program.
Allocated Water Production	Volume of sold or stored volume produced in the time period ready to sell from the WMT allocated to each well. Reporting Volume to the OGOR.
Water Master Tank (WMT)	Relative terminology synonymous with Central Tank Battery.
Beginning Water	Inventory in bbls from the previous accounting periods calculated ending inventories. In the case of a new WMT, during any accounting period, Open inventory would be = 0.
Ending Water	Inventory in bbls as measure for the date of accounting. Ending inventory can be positive, negative or neutral each day, but cannot sum to < 0.
Dispositions	A measured volume removed from a tank or moved through a Water Transfer Meter. Recorded from a ticket or direct meter read.
Water Production	Total volume moved or available for me for each asset at the WMT for accounting period. Calculated by subtracting Ending Water from Beginning Water and summing with Dispositions
WMT Totals	Formula to calculate the total volumes sold or available for sale at the WMT for the accounting period . Reporting Volume to the OGOR.
Water Transfer Meter	Measures in bbls the volume transferred at the Water Transfer meter to custody of the midstream gatherer or direct to disposal.
Water Tank #	Physical tank count at the WMT. Tanks can vary in size by battery and volume requirements. BBL/Inch factors are calculated and applied at the asset level.

Individual Well Factors and Allocated Production						
Well Name	Water Allocation Factor	Well Test Hours	Hours Flowed	Water Allocation Factor Basis	Theoretical % of Production	Allocated Water
xxxxx	1571.00	24.00	24.00	1571.00	0.55512	1577.66
xxxxx	1259.00	24.00	24.00	1259.00	0.44488	1264.34
Totals	2830.00	-	-	2830.00	1.00000	2842.00

Water Master Tank (WMT)				
Asset	Beginning Water	Ending Water	Dispositions	Water Production
Water Tank 1 (WT1)	36.14	36.14		0.00
Water Tank 2 (WT2)	30.58	30.58		0.00
Water Tank 3 (WT3)	33.96	33.96		0.00
Water Transfer Meter			2842.00	2842.00
WMT Totals	100.68	100.68		2842.00



Colgate Operating, LLC

Dawson 34 Fed Com &
Shamrock 34 Fed Com &
Uluru 35 Fed State Com
Commingle Overview Map

Section 34, T19S, R28E
Eddy County, New Mexico



Section 33, 34, 35
Federal Land



State Land



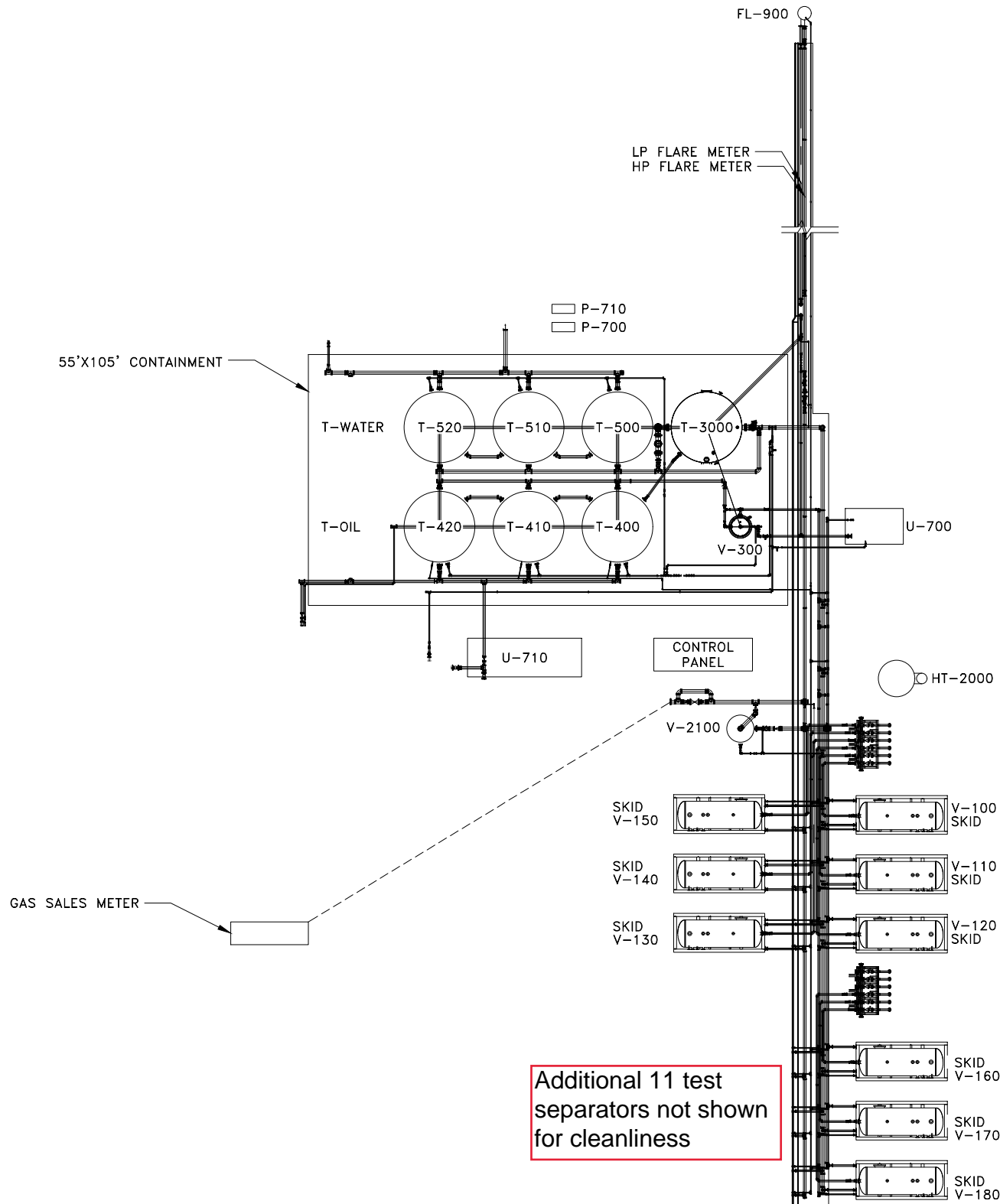
White boundary
Tank Battery



Wellbore



Communitization
Agreement



- V-100 THRU 180**
3-PHASE SEPARATOR
HZ. 3PH SEPARATOR
72" OD X 15'-0" S/S
- HT-2000**
HEATER TREATER
HZ, VESSEL
96" OD X 20'-0" S/S
- V-2100**
GAS SCRUBBER
VERT. VESSEL
72" OD X 15'-0" S/S
- U-700**
GAS RECOVERY UNIT
GAS RECOVERY UNIT
118 H.P.
- U-710**
LACT
100 H.P.
SKID: 8'-6" x 25'-0"
- V-300**
VAPOR RECOVERY TOWER
3PH VRT
48" OD X 45'-0" HT
- T-3000**
SKIM TANK
SKIM TANK
15'-6" OD X 30'-0" HT
1000 BBL
COLOR: BLM SHALE GREEN
- T-500 THRU 520**
WATER TANKS
WATER STORAGE TANK
15'-6" OD X 24'-0" HT
750 BBL
COLOR: BLM SHALE GREEN
- T-400 THRU 420**
OIL TANKS
OIL STORAGE TANKS
15'-6" OD X 24'-0" HT
750 BBL
COLOR: BLM SHALE GREEN
- V-320**
FLARE K.O.
2'-0" X 5'-0"
- P-700/710**
WATER TRANSFER PUMPS
XXX H.P. ELECTRIC PUMPS
- FS-900**
FLARE
XX,000 MSCFD

NOTE:

ISSUED
MARCH 23, 2022
FOR REVIEW

R:\01_Colgate\21239- Dawson-Shamrock CTB\2. Eng., Design\2.3 Piping, Mech\2.3.2 Plot Plans\D-21239-20-001 .dwg 20220323.16383

REFERENCE DRAWINGS	
NO.	TITLE


REVISIONS						
NO.	DATE	DESCRIPTION	BY	CHK.	APP.	
A	06/11/21	ISSUED FOR REVIEW	IB	MV		
B	03/23/22	ISSUED FOR REVIEW	KQ	MV		



3S Services, LLC
ENGINEERING & DESIGN
Ph: 432-687-5611 Midland, Texas 79705
WWW.3SENGINEERINGDESIGN.COM
TBPE FIRM REG. #13809
NM FIRM REG. #4545320
OKLA FIRM REG. #3712353615

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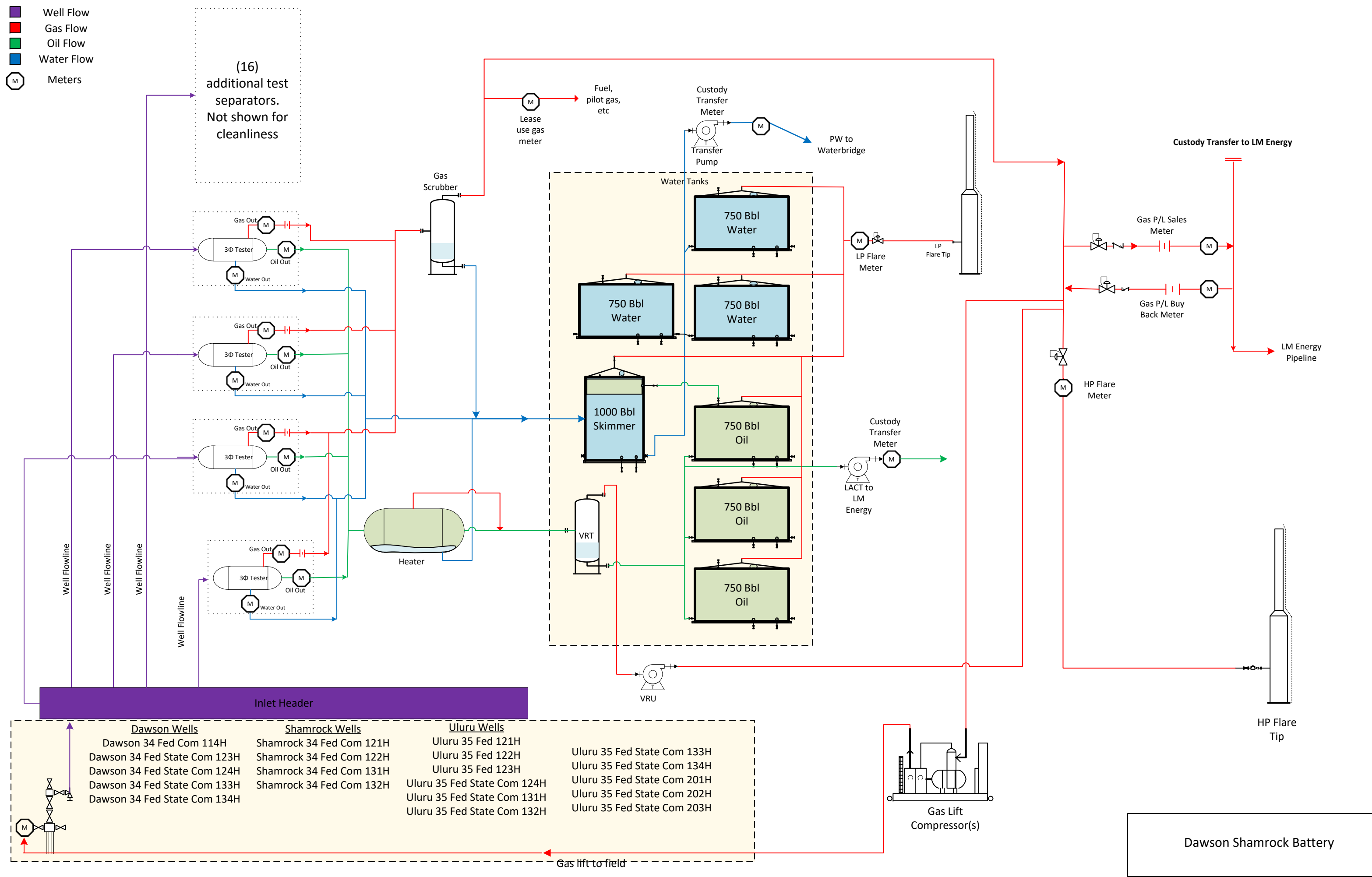
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	BY	DATE
DRN:	IB	06/11/21
DES:		
CHK:		
APP:		
AFE No.		
FACILITY ENGR.		
PROJ. ENGR:		
SCALE:	NONE	



COLGATE ENERGY

DAWSON/SHAMROCK BATTERY
PLOT PLAN

PLOT SCALE	NONE	DWG. NO.	D-21239-20-001	REV	B
CAD NO.					



Name	Address	Address	CM_TrackingNumber
New Mexico State Land Office	P.O. Box 1148	Santa Fe, NM 87504	92071902956265901601337029
New Mexico Oil Conservation Division	811 S. FIRST STREET	ARTESIA, NM 88210	92071902956265901601337036
New Mexico Oil Conservation Division	1220 SOUTH ST. FRANCIS DRIVE	SANTA FE, NM 87505	92071902956265901601337043
United States of America, Bureau of Land Management	620 E. GREEN STREET	CARLSBAD, NM 88220	92071902956265901601337050
United States of America, Bureau of Land Management	301 Dinosaur Trail	Santa Fe, NM 87508	92071902956265901601337067
Dome Petroleum Corp.	PO Box 940970	Houston, TX 77094	92071902956265901601337074
Dorchester Exploration, Inc.	2201 E Hubbard St	Mineral Wells, TX 76067	92071902956265901601337081
Kedco Management Corporation	2525 KELL BLVD STE 301	WICHITA FALLS, TX, 76308	92071902956265901601337098
Ensourc, Inc.	1201 LOUISIANA, SUITE 1000	HOUSTON, TX 77002	92071902956265901601337104
Myrlene Mannschreck Dillon	1383 CR 141	Coleman, TX 76834	92071902956265901601337111
Estate of E. Dwayne Hamilton	1497 Cr 141	Coleman, TX 76834	92071902956265901601337128
John S. Ross, Jr.	110 N. Woodrow Lane, Suite 120	Denton, TX 76205	92071902956265901601337135
J. W. Davis	299 West 31st Street, Cottage 473	Sea Island, GA 31561	92071902956265901601337142
Trustee(s) of the Alice G. Davis Trust under Declaration of	299 West 31 St, Cottage 473	Sea Island, GA 31561	92071902956265901601337159
Paul Umbarger and Zofia Umbarger	3804 Brandon Ave. SW, Apt. 122	Roanoke, VA 24018	92071902956265901601337166
Galkay, a joint venture	380 Knollwood St., Ste. 610	Winston Salem, NC 27103	92071902956265901601337173
Bill Ferguson	2700 Liberty Tower	OK City, OK 73102	92071902956265901601337180
John G. Rocovich, Jr.	P. O. BOX 13606	Roanoke, VA 24035	92071902956265901601337197
Robert H. Kriebble	PO Box 507	Old Lyme, CT 06371	92071902956265901601337203
Estate of John R. Kline	206 Matula Ave.	Schulenburg, TX 78956	92071902956265901601337210
Ginger Lee Meyers	1305 North Hudson Ave, Apt 509	OK, OK 73103	92071902956265901601337227
Donna Marie Studer, Admin, Estate of Genevieve Studer	817 Jodie Drive	Weatherford, TX 76087	92071902956265901601337234
Connie Gale Becker	1005 East 90th Court North	Owasso, OK 74055	92071902956265901601337241
Carl Joseph Garrett	237 Simmons Dr.	Hurst, TX 76053	92071902956265901601337258
Estate of Gerald L. Michard	8911 E. Douglas Ave	Wichita, KS 67207	92071902956265901601337265
William L. Hilliard	313 E Loma Alta Dr.	Altadena, CA 91001	92071902956265901601337272
Sombrero Associates	1 Chase Manhattan Plaza	New York, NY 10005	92071902956265901601337289
Reeves County Systems, Inc.	PO BOX 152	ODESSA TX 79760	92071902956265901601337296
Ted J. Werts	426 Courtleigh St	Wichita, KS 67218	92071902956265901601337302
Mary L. Kline	2638 Burpton St. SE	Grand Rapids, MI 49546	92071902956265901601337319
Lillie Costanzo, Trust for the benefit of Brian Balliet	325 Russet Run	Pittsboro, NC 27312	92071902956265901601337326
Douglas C. Cranmer	772 White Grotto Street	Las Vegas, NV 89138	92071902956265901601337333
Russell B. Cranmer	707 N. Lake Crest PL	Andover, KS 67002	92071902956265901601337340
Douglas C. Cranmer and Russell B. Cranmer,	707 N Lakecrest Pl	Andover, KS 67002	92071902956265901601337357
Estate of Robert G. Ettelson	416 Sheridan Road	Highland Park, IL 60035	92071902956265901601339177
J. Manly Bryan and wife, Joanne L Bryan, for the	PO BOX 33349	Fort Worth, TX 76162	92071902956265901601337364
Charles Eugene Cooper Trust	P.O. Box 117	Canyon, TX 79015	92071902956265901601337371
Dorsar Investment Company	4855 N Mesa St UNIT 120	El Paso, TX 79912	92071902956265901601337388
Virginia B. Dean, Clinton H. Dean, Jr., and Robert Russell Dean,	6006 Balcones Ct. No. 32	El Paso, TX 79912	92071902956265901601337395
Virginia B. Dean	6006 Balcones Ct. No. 32	El Paso, TX 79912	92071902956265901601337401
Clinton H. Dean, Jr.	6006 Balcones Ct. No. 32	El Paso, TX 79912	92071902956265901601337418
Michael C. Dean	13306 Onion Creek Dr.	Manchaca, TX 78652	92071902956265901601337425
Robert R. Dean	22747 Estacado St.	San Antonio, TX 78216	92071902956265901601337432
Harvard Exploration Company	200 E 2nd St	Roswell, NM 88201	92071902956265901601337449
Cheron Oil & Gas Company, Inc.	P.O. Box 1722	Tulsa, OK 74101	92071902956265901601337456
Pregler Oil Company, LLC	110 W 7th St STE 720	Tulsa, OK 74119	92071902956265901601337463
Beaird Mineral Interests, LP	11300 N CNTL EXPY STE 100	DALLAS, TX, 75243	92071902956265901601337470
John B. Meaders	2908 Corby Dr	Plano, TX 75025	92071902956265901601337487
Mallory L. Miller, Jr.	4617 117th St	Lubbock, TX 79424	92071902956265901601337494
Paul Burke Miller	9931 W Riverside Dr Apt 1207	Bothell, WA 98011	92071902956265901601337500
Patricia Louis Miller	5413 Topper Dr	North Richland Hills, TX 76180	92071902956265901601337517
Michael Harrison Moore, Trustee of the	PO BOX 51570	Midland, TX 79710	92071902956265901601337524
Richard Lyons Moore 2006 Trust	16400 Dallas Parkway Suite 400	Dallas, TX 75248	92071902956265901601337531
Krista Alicen Stephenson Trust	1799 Oak Ridge St.	Hideaway, TX 75771	92071902956265901601337548
Abbejane Masterson Bates	7433 Marquette Street	Dallas, TX 75225	92071902956265901601337555
Lawrence O. Price	22770 Freyermuth Rd	Meadville, PA, 16335	92071902956265901601337562
Wes-Tex Drilling Company	400 Pine St # 700	Abilene, TX 79601	92071902956265901601337579
James Kenneth Garrett	1293 Buck Ridge Drive NE	Rochester, MN 55906	92071902956265901601337586
Joyce Eline Garrett	625 Dayton Ave.	St. Paul, MN 55104	92071902956265901601337593
JCI Investments LLC	PO Box 1048	Pentwater, MI 49449	92071902956265901601337609
Estate of Gisella Olivero	PO Box 3372	Pinnacle, CA 93650	92071902956265901601337616
Frank J. Pisor, Jr.	11126 S Orange Ave	Fresno, CA 93725	92071902956265901601337623
D. Lloyd Henderson	332 San Saba St.	Meadowlake, TX 78654	92071902956265901601337630
Thomas B. Lemann and wife, Barbara Lemann	6020 Garfield St	New Orleans, LA 70118	92071902956265901601337647
Estate of J.M. Dunbar & Amanda P. Dunbar	724 Ridgeside Dr	Golden, CO 80401	92071902956265901601337654
Harvey S. Apple and wife, Carolyn Apple	801 MANN AVENUE	ARTESIA, NM 88210	92071902956265901601337661
Estate of Gisella Olivero	6050 N. Marks #137	Fresno, CA 93711	92071902956265901601337678
George W. Strake, Jr.	712 Main St, Suite 3300	Houston, TX 77002	92071902956265901601337685
SMAC Oil Limited Partnership	PO Box 4190	Scottsdale, AZ 85253	92071902956265901601337692
BCRK	2004 Wyckham Place	Norman, OK 73072	92071902956265901601337708
CMP Viva LP	600 Travis St, Suite 7200	Houston, TX 77002	92071902956265901601337715
Catherine F. Sweeney	PO Box 8248	Santa Fe, NM 87504	92071902956265901601337722
Virginia K. Edelson	25 Seminole Circle	West Hartford, CT 06117	92071902956265901601337739
Sylvia K. Gibbs	1801 LaVaca	Austin, TX 78701	92071902956265901601337746
Estate of Maylon S. Baker	2405 W. Indiana Ave	Midland, TX 79701	92071902956265901601337753
Sharron Wolfenbarger Jones	8207 NE Ward Rd	Vancouver, WA 98682	92071902956265901601337760
John D. Keslar	Box 13	Oxford, NE 68967	92071902956265901601337777

Name	Address	Address	CM_TrackingNumber
Bill Smithton	3415 Lakside Lane	Woodward, OK 73801	92071902956265901601337784
Baber Well Servicing Co.	PO BOX 1772	HOBBS, NM 88241	92071902956265901601337791
Estate of Ralph E. Williamson	PO Box 50498	Austin, TX 78763	92071902956265901601337807
Karl F. Koch	14140 Bruan Rd	Golden, CO 80401	92071902956265901601337814
Mark and Paula McClellan	601 Tierra Berrenda Dr	Roswell, NM 88201	92071902956265901601337821
Ross and Kandace McClellan	105W 3rd St Ste 316	Roswell, NM 88202	92071902956265901601337838
Abuelo, LLC	PO Box 772	Artesia, NM 88211	92071902956265901601337845
Brian Eamer	30725 Manzano Dr.	Malibu, CA, 90265	92071902956265901601337852
Brian Eamer	30745 Pacific Coast Hwy, Ste #21	Malibu, CA 90265	92071902956265901601337869
Carol Sue Mhoon	5191 Jamaica Beach	Galveston, TX 77554	92071902956265901601337876
Charles E. Moser and Vicky Moser, Trustees of the	17249 E. Fort Verde Rd.	Rio Verde, AZ 85263	92071902956265901601337883
Charles L. Johnson	13322 Hampton Bend Lane	Houston, TX 77070	92071902956265901601337890
Cheryl Diane Etheredge, Trustee of the	4352 Westside Drive	Dallas, TX 75209	92071902956265901601337906
Ergodic Resources, LLC	P.O. Box 2021	Roswell, NM 88202	92071902956265901601337913
Erin Eamer	4592 Via Vistosa	Santa Barbara, CA 93110	92071902956265901601337920
FlatRock Royalties LLC	3720 Crestview Dr.	Artesia, NM 88210	92071902956265901601337937
Frank J. Pisor	6319 N 8th St	Fresno, CA 93710	92071902956265901601337944
Greenville Partners	6116 N Central EXPY	Dallas, TX 75206	92071902956265901601337951
Heirs of George A.Lauck and Molly Lauck	2036 N. Thorne Ave.	Fresno, CA 93704	92071902956265901601337968
Heirs of George A.Lauck and Molly Lauck	151 Vernal Dr.	Alamo, CA 94507	92071902956265901601337975
James A. Lawson	4816 Rosewood Dr	Midland, TX 79707	92071902956265901601337982
James A. Lawson	PO Box 806	Port Isabel, TX 78578	92071902956265901601337999
Kevin Hammitt	3000 Callaway Dr	Midland, TX 79707	92071902956265901601338002
Kevin Hammitt	PO Box 50880	Midland, TX 79710	92071902956265901601338019
Loco Hills Production Company, LLC	P. O. Box 779	Artesia, NM 88211	92071902956265901601338026
Lori Lynn Johnson Nelson	27 Agricultural Avenue	Rehoboth, MA 02769	92071902956265901601338033
Magnum Hunter Production, Inc.	600 North Marienfeld, Suite 600	Midland, TX 79701	92071902956265901601338040
Marathon Oil Permian, LLC	PO Box 732312	Dallas, TX 75373	92071902956265901601338057
Mark and Paula McClellan	PO Box 730	Roswell, NM 88202	92071902956265901601338064
Mark and Paula McClellan	5076 Bright Sky Rd	Roswell, NM 88201	92071902956265901601338071
Marshall & Winston, Inc.	PO BOX 50880	Midland, TX 79710	92071902956265901601338088
Michael O. Johnson	10427 Lazy Meadows	Houston, TX 77064	92071902956265901601338095
Mongoose Minerals, LLC	600 W. Illinois Avenue	Midland, TX 79701	92071902956265901601338101
Mountain Lion Oil & Gas, LLC	7941 Katy Freeway #117	Houston, TX 77024	92071902956265901601338118
Nestegg Energy Corp.	2308 SIERRA VISTA	Artesia, NM 88210	92071902956265901601338125
Ross and Kandace McClellan	3982 S. Spring Loop	Roswell, NM 88203	92071902956265901601338132
Silverhair, LLC	1301 LEWIS RD.	Artesia, NM 88210	92071902956265901601338149
William G. Ross and Vee K. Ross, Trustees of the	2229 Western Dr	Midland, TX 79705	92071902956265901601338156
William G. Ross and Vee K. Ross, Trustees of the	PO Box 86	Midland, TX 79702	92071902956265901601338163
Adene L. Sealy	2362 Terraridge Dr	Highlands Ranch, CO 80126	92071902956265901601338170
B and H Royalty Company	PO Box 1	Tyler, TX 75710	92071902956265901601338187
B and H Royalty Company	3064 Concord Place	Tyler, TX 75701	92071902956265901601338194
Becky Ruth Welch Panek	7011 E. Brooks Drive	Tucson, AZ 85730	92071902956265901601338200
Becky Ruth Welch Panek	9 Pinto Trail	Sonoita, AZ 85637	92071902956265901601338217
Bryan Winston Welch	7231 E Speedway Blvd.	Tucson, AZ 85710	92071902956265901601338224
Byrl W. Harris	3326 Rosemont Way	Eugene, OR 97401	92071902956265901601338231
C5 Capital Management, LLC	PO Box 2218	Albany, TX 76430	92071902956265901601338248
Catherine E. Huffman	P.O. Box 100429	Fort Worth, TX 76185	92071902956265901601338255
Claudia Baker	4317 Cline Rd.	Amarillo, TX 79110	92071902956265901601338262
COG Operating LLC	600 West Illinois	Midland, TX 79701	92071902956265901601338279
Donna Marie Studer, Administrator, Estate of Genevieve Studer	953 Mesa Vista Dr.	Crowley, TX 76036	92071902956265901601338286
Douglas Cranmer	202 North Gateway Circle	Wichita, KS 67230	92071902956265901601338293
KMT Energy Holdings, LLC	8235 Douglas Ave, Suite 400	Dallas, TX 75225	92071902956265901601338309
Edna Louise Miller	1106 Cincinnati	El Paso, TX 79902	92071902956265901601338316
Edward J. Brown	211 W. Franklin	Naperville, IL 60540	92071902956265901601338323
Elizabeth Tullis Dillard	217 Tremont Dr	Ruston, LA 71270	92071902956265901601338330
Five Js Plus L, Inc.	24726 Robert Guy Rd.	Hidden Hills, CA 91302	92071902956265901601339184
Galkay, a Joint Venture	380 Knollwood St., Ste. 610	Winston Salem, NC 27103	92071902956265901601338354
Gene Wood Joint Venture Account	10905 Academy Ridge Rd. NE	Albuquerque, NM 87111	92071902956265901601338361
Geoffrey Lanceley	4226 Oberlin Street	Houston, TX 77005	92071902956265901601338378
Gerald L. Michaud	8911 E. Douglas Ave	Wichita, KS 67207	92071902956265901601338385
Gerald L. Michaud	11015 East 63rd Street South	Derby, KS 67037	92071902956265901601338392
Gregory Martin Hansen	1470 Sunset Plaza Dr.	Los Angeles, CA 90069	92071902956265901601338408
Ginger Lee Meyers	1305 North Hudson Ave., Apt. 509	OK City, OK 73103	92071902956265901601338415
Hans Eric Hansen	28489 Fireweed Drive	Evergreen, CO 80439	92071902956265901601338422
HCH Investment, LLC	PO Box 3097	Albany, TX 76430	92071902956265901601338439
Hodge Natural Gas Gathering, Inc.	PO Box 1677	Pharr, TX 78577	92071902956265901601338446
Homer L. Wedig	6057 Airhaven Street	Dallas, TX 75229	92071902956265901601338453
International Petroleum Corp.	16800 Greenspoint Park, Suite 225N	Houston, TX 77060	92071902956265901601338460
Intrepid Energy, Inc.	3614 Royal Rd.	Amarillo, TX 79109	92071902956265901601338477
James M. Welch	2707 N. Flanwill	Tucson, AZ 85716	92071902956265901601338484
James Kenneth Garrett	1293 Buck Ridge Drive NE	Rochester, MN 55906	92071902956265901601338491
James W. Bowen	317 Who Who Drive	Carlsbad, NM 88220	92071902956265901601338507
James W. Doak Jr.	12463 Los Indios Trail, Apt. 109	Austin, TX 78729	92071902956265901601338514
JCI Investments, LLC	PO Box 1048	Pentwater, MI 49449	92071902956265901601338521
JoAnne Hutchens	2300 Woodland Dr.	Durant, OK 74701	92071902956265901601338538
Nancy Hutchens Mowrey	7002 Forest Lane	Dallas TX 75230	92071902956265901601338545

Name	Address	Address	CM_TrackingNumber
C.T. Hutchens, III	P.O. Box 374	Madill, OK 73446	92071902956265901601338552
Eric Schmitz	P.O. Box 669	Argyle, TX 76226	92071902956265901601338569
John G. Rocovich & Sue Ellen Rocovich	P. O. BOX 13606	Roanoke, VA 24034	92071902956265901601338576
John G. Willy	Po Box 2092	Angleton, TX 77516	92071902956265901601338583
John T. Olive	6329 Camino Fuente Dr.	El Paso, TX 79912	92071902956265901601338590
Joyce Ann Hansen	196 Deer Park Drive	Alto, NM 88312	92071902956265901601338606
Joyce Eline Garrett	625 Dayton Ave.	St. Paul, MN 55104	92071902956265901601338613
Malcolm G. MacNeill	3086 Perriwinkle Cir	Davie, FL 33328	92071902956265901601338620
Margaret A. McCloud & Thomas D. McCloud,	11541 Norma Ln	Garden Grove, CA 92840	92071902956265901601338637
Margaret Andrews Avery	PO BOX 5070	Hemet, CA 92544	92071902956265901601338644
Martin T. Hart	Lock Box 847525	Dallas, TX 75284	92071902956265901601338651
Michelle Rank	18027 Brookes Bend	Houston, TX 77094	92071902956265901601338668
Michelle Rank	10211 Hazelhurst Dr.	Houston, TX 77043	92071902956265901601339191
Nelson & Co., for the benefit of John D. Wile Marital Trust	PO Box 259	Willman, CT 06226	92071902956265901601338675
Nicole Williams	21615 Champagne Dr. W	Porter, TX 77365	92071902956265901601338682
Northern Oil & Gas, Inc.	4350 Baker Road, Suite 400	Minnetonka, MN 55343	92071902956265901601338699
Peggy Runyan	316 Bridgepoint Dr.	Kingsland, TX 78639	92071902956265901601338705
Raquel L. Womack	1701 N. Market Street, Suite 404	Dallas, TX 75202	92071902956265901601338712
Richard J. Vance & Lorraine Vance	1216 West Oregon Ave	Phoenix, AZ 85013	92071902956265901601338729
Richard Pruett	3804 Ross St	Amarillo, TX 79118	92071902956265901601338736
Robert G. Ettleson	161 E Chicago Ave. #38D	Chicago, IL 60611	92071902956265901601338743
Robert K. Hillin, Jr.	4450 Eck Lane	Austin, TX 78734	92071902956265901601338750
Russell Cranmer	707 N. Lake Crest PL	Andover, KS 67002	92071902956265901601338767
Stacy Ann Welch Green	9 Pino Trl	Sonoita, AZ 85637	92071902956265901601338774
Stanley F. Smith	6908 Stonehenge Rd.	Odessa, TX 79765	92071902956265901601338781
Teryl D. Meyers, Trustee of the Teryl D.	1943 Yajome Street	Napa, CA 94559	92071902956265901601339207
The Egbert Living Trust dated April 1, 2005	4910 Olmos	El Paso, TX 79922	92071902956265901601338804
Virginia D. Kriz-Neessen	505 Lombardy Ave.	El Paso, TX 79922	92071902956265901601338811
Wildcat Energy, LLC	PO Box 13323	Odessa, TX 79768	92071902956265901601338828
Wilfred E. Blessing & Victor F. Bogard, Co-Trustees of	13330 W. Jadestone Dr.	Sun City West, AZ 85375	92071902956265901601338835
Wilfred E. Blessing & Victor F. Bogard, Co-Trustees of Trust	13330 W. Jadestone Dr.	Sun City West, AZ 85375	92071902956265901601338842
BRETT C BARTON	1919 NORTH TURNER STREET	HOBBS, NM 88240	92071902956265901601339214
HEIDI BARTON	2008 N VEGA	HOBBS, NM 88240	92071902956265901601338859
ROY G BARTON JR	1919 NORTH TURNER STREET	HOBBS, NM 88240	92071902956265901601338866
ROY G BARTON III	2477 GLYNDON AVE	VENICE, CA 90291	92071902956265901601338873
SHARON O BLACKARD	3340 CROWN DRIVE	INDEPENDENCE, KS 67301	92071902956265901601338880
GRANT BYNUM	2561 GREEN OAK DRIVE	CARROLLTON, TX 75010	92071902956265901601338897
MATTHEW L BYNUM	114 SPRINGWOOD LANE	SAN ANTONIO, TX 78216	92071902956265901601338903
STANLEY A BYNUM	8524 STALLION COURT	DENTON, TX 76208	92071902956265901601338910
ROBERT AND JEANNINE BYRON REVOCABLE TRUST DTD 6/18/03	P O BOX 1562	ROSWELL, NM 88202	92071902956265901601339221
CBF COMPANY C/O WELLS FARGO BANK NEW MEXICO N A - SAO	P O BOX 40909	AUSTIN, TX 78704	92071902956265901601338927
NORMA JANE CHANLEY	P O BOX 728	HOBBS, NM 88241	92071902956265901601338934
JANICE COLEY	21739 HARDY OAK BLVD APT 6101	SAN ANTONIO, TX 78258	92071902956265901601338941
ZONETTA MOORE DORLAND ESTATE, PATRICIA C STEWART EXECTRIX	101 CAROLYN RD	NOCONA, TX 76255	92071902956265901601338958
ESTATE OF D L DORLAND, VIRGINIA BLACK, EXECUTRIX	3 SAN MIGUEL SQUARE	ODESSA, TX 79762	92071902956265901601338965
MARY LYNN FOREHAND	403 SAN JUAN MANOR	CARLSBAD, NM 88220	92071902956265901601338972
GRACE GEIST	9831 CAMINO VILLA APT 1513	SAN ANTONIO, TX 78254	92071902956265901601338989
DONNA GLOYNA	6951 DUBLIN DRIVE	BROWNWOOD, TX 76801	92071902956265901601338996
CAROLINA GREENE	400 E ARRIBA	HOBBS, NM 88240	92071902956265901601339009
R R HINKLE COMPANY INC	P O BOX 2292	ROSWELL, NM 88202	92071902956265901601339016
PATRICK EDGAR HUDSON	3363 E RIALTO AVE	FRESNO, CA 93726	92071902956265901601339023
E L LATHAM MINERALS, LLC CO DIANE LATHAM HANLEY AIF	PO BOX 100912	FT WORTH, TX 76185	92071902956265901601339030
MARY LOU MORRIS	7550 CR 284	BLANKET, TX 76432	92071902956265901601339047
RACHEL NAGEL	825 MELANY LANE	COLORADO SPGS, CO 80907	92071902956265901601339054
JENNIFER ROEHRMAN	1360 PAWPRINT CT	COLO SPGS, CO 80921	92071902956265901601339061
KENDELL ROSFELD & SALLY TURNER ROSFELD	9338 WELLINGTON PARK CIRCLE	TAMPLA, FL 33647	92071902956265901601339078
KYLE F SHEPARD	2008 N FOWLER	HOBBS, NM 88240	92071902956265901601339085
WILLIAM WADE SHIPLEY	3445 SHENANDOAH STREET	DALLAS, TX 75205	92071902956265901601339092
SOFTVEST LP	P O BOX 89	ABILENE, TX 79604	92071902956265901601339108
SOFTSEARCH INVESTMENT LP	P O BOX 89	ABILENE, TX 79604	92071902956265901601339115
STAGNER LLC HARVEY & SIMONS CPAS LLC	P O BOX 57	CARLSBAD, NM 88221	92071902956265901601339238
WILMA EVELYN VOIGT	1103 NORTH SHORE	CARLSBAD, NM 88220	92071902956265901601339122
ROY THOMAS WELCH	903 GRINNELL ROAD	GARFIELD, WA 99130	92071902956265901601339139
Sarador, a Partnership	4971 Vista Del Monte St.	El Paso, TX 79922	92071902956265901601339146

[EXTERNAL] Well Name: Batch Sundry, Sundry Id: 2677566, Notification of Batch Sundry Received



AFMSS <blm-afmss-notifications@blm.gov>

To Mikah Thomas

Reply

Reply All

Forward

Fri 6/17/2022 1:23 PM

If there are problems with how this message is displayed, click here to view it in a web browser.

*** Attention: This is an external email, use caution. ***

The Bureau of Land Management

Notice Of Intent Receipt

- Operator Name: **COLGATE OPERATING LLC**
- Well Name: **Batch Sundry**
- Well Number: **Batch Sundry**
- US Well Number: **Batch Sundry**
- Sundry ID: **2677566**

The BLM received your Notice Of Intent, Commingling (Surface) sundry on 06/17/2022. This is to notify you that we are processing your sundry.

You may contact the field office if you have any questions.

If we need more information we will contact you. Thank you.

This notification is automatically generated. Please do not reply to this message as this account is not monitored.

**Shipment Receipt****Address Information****Ship to:**

Commingling Manager
NM Commissioner of Public Lands
310 Old Santa Fe Trail

SANTA FE, NM
87504
US
505-827-5791

Ship from:

Colgate Energy Partners, LLC
Colgate Energy Partners, LLC
300 N Marienfeld St
Suite 1000
Midland, TX
79701
US
4326954222

Shipment Information:

Tracking no.: 777162609050
Ship date: 06/17/2022
Estimated shipping charges: 20.24 USD

Package Information

Pricing option: FedEx Standard Rate
Service type: FedEx 2Day AM
Package type: FedEx Envelope
Number of packages: 1
Total weight: 0.10 LBS
Declared Value: 0.00 USD
Special Services:
Pickup/Drop-off: Drop off package at FedEx location

Billing Information:

Bill transportation to: My Account - 466-466

Your reference:

P.O. no.:

Invoice no.:

Department no.:

*Commingling Permit for
Dawson / Shamrock / Uluu*

Thank you for shipping online with FedEx ShipManager at fedex.com.

Please Note

FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1000, e.g., jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits; Consult the applicable FedEx Service Guide for details. The estimated shipping charge may be different than the actual charges for your shipment. Differences may occur based on actual weight, dimensions, and other factors. Consult the applicable [FedEx Service Guide](#) or the FedEx Rate Sheets for details on how shipping charges are calculated.

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District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-	2 Pool Code 65010	3 Pool Name WINCHESTER; BONE SPRING
4 Property Code	5 Property Name DAWSON 34 FED COM	6 Well Number 114H
7 OGRID No. 371449	8 Operator Name COLGATE OPERATING, LLC	9 Elevation 3308.8'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	34	19-S	28-E		2489'	SOUTH	340'	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	33	19-S	28-E		660'	SOUTH	25'	WEST	EDDY

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code C	15 Order No.
----------------------------------	---------------------------	-----------------------------------	---------------------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

16

SURFACE HOLE LOCATION (SHL)
NEW MEXICO EAST - NAD 83
X=595562.95 LAT.= 32.61685925° N
Y=588189.11 LONG.= 104.15721662° W
NEW MEXICO EAST - NAD 27
X=554382.93 LAT.= 32.61674193° N
Y=588127.35 LONG.= 104.15670921° W
2489' FSL, 340' FEL - SECTION 34

FIRST TAKE POINT (FTP)
NEW MEXICO EAST - NAD 83
X=595748.32 LAT.= 32.61183277° N
Y=586360.76 LONG.= 104.15662444° W
NEW MEXICO EAST - NAD 27
X=554568.27 LAT.= 32.61171540° N
Y=586299.04 LONG.= 104.15611717° W
660' FSL, 100' FEL - SECTION 34
659' FNL, 100' FEL - LEASE LINE

LAST TAKE POINT (LTP)
NEW MEXICO EAST - NAD 83
X=585345.06 LAT.= 32.61171634° N
Y=586302.76 LONG.= 104.19041103° W
NEW MEXICO EAST - NAD 27
X=544165.03 LAT.= 32.61159933° N
Y=586241.12 LONG.= 104.18990292° W
660' FSL, 100' FWL - SECTION 33
657' FNL, 100' FWL - LEASE LINE

BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST - NAD 83
X=585269.88 LAT.= 32.61171549° N
Y=586302.35 LONG.= 104.19065519° W
NEW MEXICO EAST - NAD 27
X=544089.85 LAT.= 32.61159848° N
Y=586240.71 LONG.= 104.19014708° W
660' FSL, 25' FWL - SECTION 33
657' FNL, 25' FWL - LEASE LINE

CORNER DATA
NEW MEXICO EAST - NAD 83
A - FOUND IRON PIPE W/ BRASS CAP
N:590907.03' E:585541.35'
B - FOUND 5/8" IRON ROD W/ ALUM CAP
N:590925.86' E:588152.01'
C - FOUND IRON PIPE W/ BRASS CAP
N:590945.00' E:590760.88'
D - FOUND IRON PIPE W/ BRASS CAP
N:590962.75' E:593372.54'
E - FOUND IRON PIPE W/ BRASS CAP
N:590981.15' E:595983.74'
F - FOUND IRON PIPE W/ BRASS CAP
N:588340.39' E:595907.65'
G - FOUND IRON PIPE W/ BRASS CAP
N:585701.20' E:595828.61'
H - FOUND 5/8" IRON ROD W/ ALUM CAP
N:585686.35' E:593171.86'
I - FOUND IRON PIPE W/ BRASS CAP
N:585671.76' E:590514.87'
J - FOUND IRON PIPE W/ BRASS CAP
N:585656.50' E:587858.72'
K - FOUND IRON PIPE W/ BRASS CAP
N:585641.97' E:585202.31'
L - FOUND IRON PIPE W/ BRASS CAP
N:588276.86' E:585371.95'
M - FOUND IRON PIPE W/ BRASS CAP
N:588307.96' E:590637.53'

17 OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: Mikah Thomas Date: 06/15/2021
Printed Name: Mikah Thomas
E-mail Address: mthomas@colgateenergy.com

18 SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey: 06/15/2021
Signature and Seal of Professional Surveyor: MARK J. MURRAY
Certificate Number: 12177 5/27/2021

District I

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District IV

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

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-47704	2 Pool Code 48035 & 65010	3 Pool Name OLD MILLMAN RANCH; BS & WINCHESTER; BS
4 Property Code 329759	5 Property Name DAWSON 34 FED COM	6 Well Number 123H
7 OGRID No. 371449	8 Operator Name COLGATE OPERATING, LLC	9 Elevation 3309.0'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	34	19-S	28-E		2534'	SOUTH	340'	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	33	19-S	28-E		1652'	SOUTH	25'	WEST	EDDY

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code C	15 Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>16</p> <p>SURFACE HOLE LOCATION (SHL) NEW MEXICO EAST - NAD 83 X=595564.33 LAT.= 32.61698284° N Y=588234.08 LONG.= 104.15721188° W NEW MEXICO EAST - NAD 27 X=554384.31 LAT.= 32.61686552° N Y=588172.31 LONG.= 104.15670446° W 2534' FSL, 340' FEL - SECTION 34 104' FNL, 340' FEL - LEASE LINE</p> <p>LAST TAKE POINT (LTP) NEW MEXICO EAST - NAD 83 X=585409.00 LAT.= 32.61444725° N Y=587296.37 LONG.= 104.19019903° W NEW MEXICO EAST - NAD 27 X=544228.99 LAT.= 32.61433027° N Y=587234.71 LONG.= 104.18969086° W 1653' FSL, 100' FWL - SECTION 33 336' FSL, 100' FWL - LEASE LINE MD = 17,634.68'</p> <p>FIRST TAKE POINT (FTP) NEW MEXICO EAST - NAD 83 X=595585.95 LAT.= 32.61468458° N Y=587397.99 LONG.= 104.15714615° W NEW MEXICO EAST - NAD 27 X=554405.92 LAT.= 32.61456724° N Y=587336.25 LONG.= 104.15663879° W 1698' FSL, 293' FEL - SECTION 34 379' FSL, 293' FEL - LEASE LINE MD = 7,373.58'</p> <p>BOTTOM HOLE LOCATION (BHL) NEW MEXICO EAST - NAD 83 X=585333.71 LAT.= 32.61444417° N Y=587295.15 LONG.= 104.19044356° W NEW MEXICO EAST - NAD 27 X=544153.70 LAT.= 32.61432719° N Y=587233.48 LONG.= 104.18993538° W 1652' FSL, 25' FWL - SECTION 33 335' FSL, 25' FWL - LEASE LINE MD = 17,710.00'</p> <p>CORNER DATA NEW MEXICO EAST - NAD 83 A - FOUND IRON PIPE W/ BRASS CAP N:590907.03' E:585541.35' B - FOUND 5/8" IRON ROD W/ ALUM CAP N:590925.86' E:588152.01' C - FOUND IRON PIPE W/ BRASS CAP N:590945.00' E:590760.88' D - FOUND IRON PIPE W/ BRASS CAP N:590962.75' E:593372.54' E - FOUND IRON PIPE W/ BRASS CAP N:590981.15' E:595983.74' F - FOUND IRON PIPE W/ BRASS CAP N:588340.39' E:595907.65' G - FOUND IRON PIPE W/ BRASS CAP N:585701.20' E:595828.61' H - FOUND 5/8" IRON ROD W/ ALUM CAP N:585686.35' E:593171.86' I - FOUND IRON PIPE W/ BRASS CAP N:585671.76' E:590514.87' J - FOUND IRON PIPE W/ BRASS CAP N:585656.50' E:587858.72' K - FOUND IRON PIPE W/ BRASS CAP N:585641.97' E:585202.31' L - FOUND IRON PIPE W/ BRASS CAP N:588276.86' E:585371.95' M - FOUND IRON PIPE W/ BRASS CAP N:588307.96' E:590637.53'</p>	<p>17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature: <i>Mikah Thomas</i> Date: 03.14.2022</p> <p>Printed Name: Mikah Thomas</p> <p>E-mail Address: mthomas@colgateenergy.com</p> <p>18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date of Survey: 2/23/2022</p> <p>Signature and Seal of Professional Surveyor: <i>Mark J. Murray</i></p> <p>Certificate Number: 12177</p>
---	---

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Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1 API Number 30-015-47603	2 Pool Code 48035	3 Pool Name OLD MILLMAN RANCH;BS (ASSOC)
4 Property Code 329759	5 Property Name DAWSON 34 FED COM	6 Well Number 124H
7 OGRID No. 371449	8 Operator Name COLGATE ENERGY	9 Elevation 3298.0'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	34	19-S	28-E		295'	SOUTH	560'	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	33	19-S	28-E		340'	SOUTH	18'	WEST	EDDY

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code C	15 Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>16</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>SURFACE HOLE LOCATION (SHL) NEW MEXICO EAST - NAD 83 X=595277.35 LAT.= 32.61082388° N Y=585992.94 LONG.= 104.15815595° W NEW MEXICO EAST - NAD 27 X=554097.29 LAT.= 32.61070652° N Y=585931.23 LONG.= 104.15764866° W 295' FSL, 560' FEL - SECTION 34 295' FSL, 560' FEL - LEASE LINE</p> </div> <div style="width: 48%;"> <p>FIRST TAKE POINT (FTP) NEW MEXICO EAST - NAD 83 X=595001.00 LAT.= 32.61101495° N Y=586062.00 LONG.= 104.15905306° W NEW MEXICO EAST - NAD 27 X=553820.95 LAT.= 32.61089760° N Y=586000.29 LONG.= 104.15854575° W 365' FSL, 838' FEL - SECTION 34 365' FSL, 838' FEL - LEASE LINE MD = 7,960"</p> </div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>LAST TAKE POINT (LTP) NEW MEXICO EAST - NAD 83 X=585469.17 LAT.= 32.61081561° N Y=585975.24 LONG.= 104.19000939° W NEW MEXICO EAST - NAD 27 X=544289.14 LAT.= 32.61069859° N Y=585913.61 LONG.= 104.18950131° W 332' FSL, 245' FWL - SECTION 33 332' FSL, 245' FWL - LEASE LINE MD = 17,500'</p> </div> <div style="width: 48%;"> <p>BOTTOM HOLE LOCATION (BHL) NEW MEXICO EAST - NAD 83 X=585242.28 LAT.= 32.61083495° N Y=585981.97 LONG.= 104.19074623° W NEW MEXICO EAST - NAD 27 X=544062.24 LAT.= 32.61071793° N Y=585920.34 LONG.= 104.19023813° W 340' FSL, 18' FWL - SECTION 33 340' FSL, 18' FWL - LEASE LINE MD = 17,727</p> </div> </div> <p style="text-align: center;">CORNER DATA NEW MEXICO EAST - NAD 83 A - FOUND IRON PIPE W/ BRASS CAP N:590907.03° E:585541.35' B - FOUND 5/8" IRON ROD W/ ALUM CAP N:590925.86° E:588152.01' C - FOUND IRON PIPE W/ BRASS CAP N:590945.00° E:590760.88' D - FOUND IRON PIPE W/ BRASS CAP N:590962.75° E:593372.54' E - FOUND IRON PIPE W/ BRASS CAP N:590981.15° E:595983.74' F - FOUND IRON PIPE W/ BRASS CAP N:588340.39° E:595907.65' G - FOUND IRON PIPE W/ BRASS CAP N:585701.20° E:595828.61' H - FOUND 5/8" IRON ROD W/ ALUM CAP N:585686.35° E:593171.86' I - FOUND IRON PIPE W/ BRASS CAP N:585671.76° E:590514.87' J - FOUND IRON PIPE W/ BRASS CAP N:585656.50° E:587858.72' K - FOUND IRON PIPE W/ BRASS CAP N:585641.97° E:585202.31' L - FOUND IRON PIPE W/ BRASS CAP N:588276.86° E:585371.95' M - FOUND IRON PIPE W/ BRASS CAP N:588307.96° E:590637.53'</p>	<p>17 OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p style="text-align: right;">04.12.2021</p> <p>Signature _____ Date _____</p> <p>Mikah Thomas Printed Name</p> <p>mthomas@colgateenergy.com E-mail Address</p> <p>18 SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p>Date of Survey _____</p> <p>Signature and Seal of Professional Surveyor: _____</p> <p style="text-align: right;">4/12/2021</p> <p>Certificate Number _____</p>
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Form C-102

Revised August 1, 2011

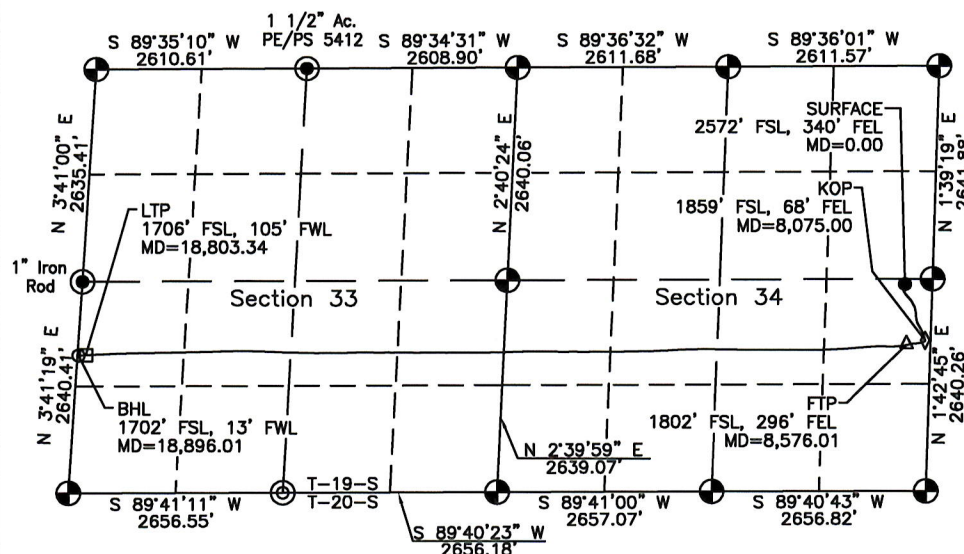
Submit one copy to appropriate
District Office

AS-DRILLED

☐ AMENDED REPORT¹⁰ Surface Location¹¹ Bottom Hole Location If Different From Surface

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

17078
Certificate Number



District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-47604	2 Pool Code 48035	3 Pool Name Old Millman Ranch; Bone Spring
4 Property Code 329759	5 Property Name DAWSON 34 FED COM	6 Well Number 134H
7 OGRID No. 371449	8 Operator Name COLGATE ENERGY	9 Elevation 3299.9'

10 Surface Location


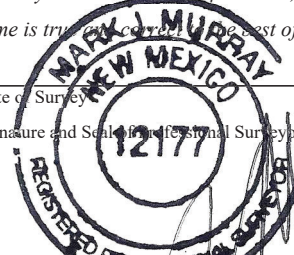
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	34	19-S	28-E		340'	SOUTH	560'	EAST	EDDY

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	33	19-S	28-E		434'	SOUTH	39'	WEST	EDDY

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code C	15 Order No.
----------------------------------	---------------------------	-----------------------------------	---------------------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>16</p> <p>SURFACE HOLE LOCATION (SHL) NEW MEXICO EAST - NAD 83 X=595278.71 LAT.= 32.61094751° N Y=586037.92 LONG.= 104.15815129° W NEW MEXICO EAST - NAD 27 X=554098.66 LAT.= 32.61083015° N Y=585976.21 LONG.= 104.15764400° W 340' FSL, 560' FEL - SECTION 34 340' FSL, 560' FEL - LEASE LINE</p> <p>LAST TAKE POINT (LTP) NEW MEXICO EAST - NAD 83 X=585494.47 LAT.= 32.61109516° N Y=586076.98 LONG.= 104.18992679° W NEW MEXICO EAST - NAD 27 X=544314.44 LAT.= 32.61097814° N Y=586015.34 LONG.= 104.18941870° W 433' FSL, 264' FWL - SECTION 33 433' FSL, 264' FWL - LEASE LINE MD = 18,665.00'</p> <p>FIRST TAKE POINT (FTP) NEW MEXICO EAST - NAD 83 X=595114.85 LAT.= 32.61121742° N Y=586135.85 LONG.= 104.15868293° W NEW MEXICO EAST - NAD 27 X=553934.80 LAT.= 32.61110007° N Y=586074.14 LONG.= 104.15817562° W 439' FSL, 726' FEL - SECTION 34 439' FSL, 726' FEL - LEASE LINE MD = 9,035.00'</p> <p>BOTTOM HOLE LOCATION (BHL) NEW MEXICO EAST - NAD 83 X=585269.70 LAT.= 32.61109490° N Y=586076.58 LONG.= 104.19065676° W NEW MEXICO EAST - NAD 27 X=544089.67 LAT.= 32.61097789° N Y=586014.95 LONG.= 104.19014866° W 434' FSL, 39' FWL - SECTION 33 434' FSL, 39' FWL - LEASE LINE MD = 18,890.00'</p> <p>CORNER DATA NEW MEXICO EAST - NAD 83 A - FOUND IRON PIPE W/ BRASS CAP N:590907.03' E:585541.35' B - FOUND 5/8" IRON ROD W/ ALUM CAP N:590925.86' E:588152.01' C - FOUND IRON PIPE W/ BRASS CAP N:590945.00' E:590760.88' D - FOUND IRON PIPE W/ BRASS CAP N:590962.75' E:593372.54' E - FOUND IRON PIPE W/ BRASS CAP N:590981.15' E:595983.74' F - FOUND IRON PIPE W/ BRASS CAP N:588340.39' E:595907.65' G - FOUND IRON PIPE W/ BRASS CAP N:585701.20' E:595828.61' H - FOUND 5/8" IRON ROD W/ ALUM CAP N:585686.35' E:593171.86' I - FOUND IRON PIPE W/ BRASS CAP N:585671.76' E:590514.87' J - FOUND IRON PIPE W/ BRASS CAP N:585656.50' E:587858.72' K - FOUND IRON PIPE W/ BRASS CAP N:585641.97' E:585202.31' L - FOUND IRON PIPE W/ BRASS CAP N:588276.86' E:585371.95' M - FOUND IRON PIPE W/ BRASS CAP N:588307.96' E:590637.53'</p>	<p>17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p> 04.12.2021 Signature Date</p> <p>Mikah Thomas Printed Name</p> <p>mthomas@colgateenergy.com E-mail Address</p> <p>18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.</p> <p> Date of Survey Signature and Seal of Professional Surveyor</p> <p>4/12/2021 Certificate Number</p>
--	---

District I

1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III

1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-47707	2 Pool Code 48035 & 65010	3 Pool Name OLD MILLMAN RANCH; BS & WINCHESTER; BS
4 Property Code 32984	5 Property Name SHAMROCK 34 FED COM	6 Well Number 122H
7 OGRID No. 371449	8 Operator Name COLGATE OPERATING, LLC	9 Elevation 3310.3'

¹⁰ Surface Location

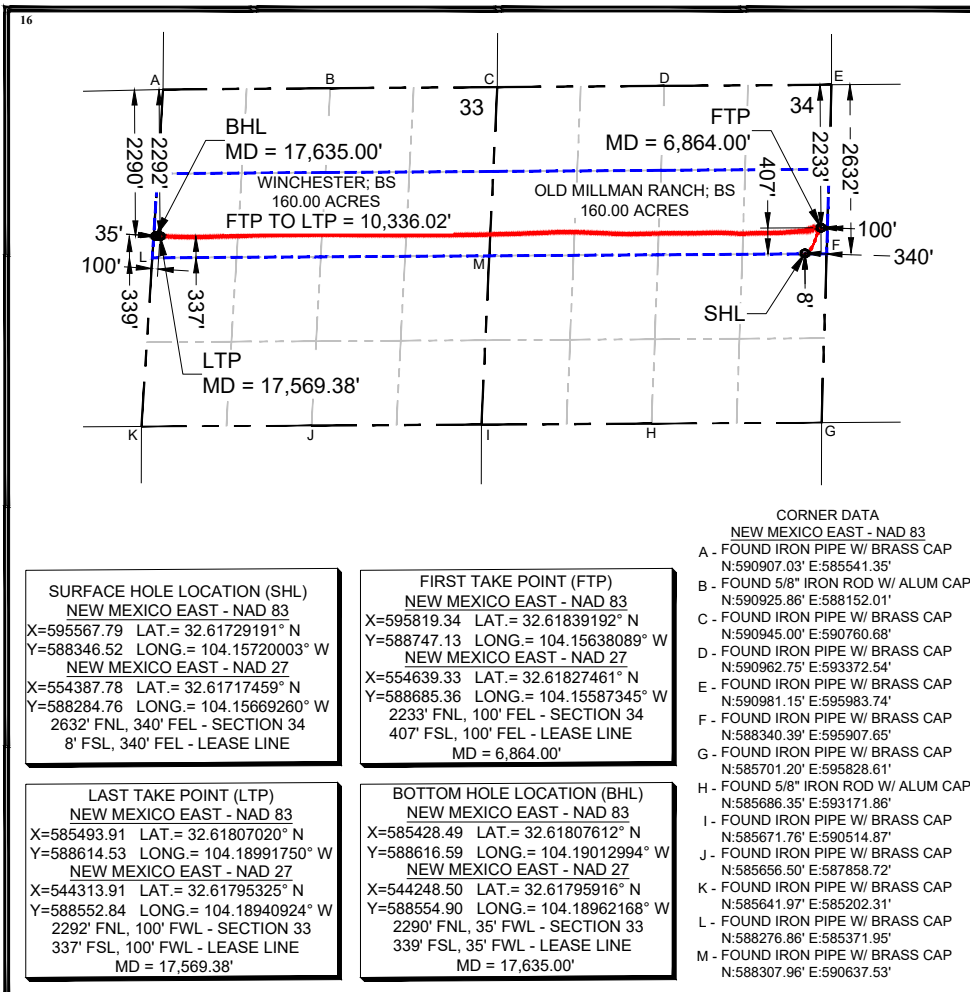
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	34	19-S	28-E		2632'	NORTH	340'	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	33	19-S	28-E		2290'	NORTH	35'	WEST	EDDY

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
----------------------------------	---------------------------	------------------------------	---------------------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

[Signature] 03.14.2022
Signature Date

Mikah Thomas

Printed Name

mthomas@colgateenergy.com

E-mail Address

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey
Signature and Seal of Professional Surveyor:



Certificate Number

2/23/2022

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

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Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
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Santa Fe, NM 87505

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-47706	2 Pool Code 48035 & 65010	3 Pool Name OLD MILLMAN RANCH; BS & WINCHESTER; BS
4 Property Code 329804	5 Property Name SHAMROCK 34 FED COM	6 Well Number 121H
7 OGRID No. 371449	8 Operator Name COLGATE OPERATING, LLC	9 Elevation 3317.7'

10 Surface Location

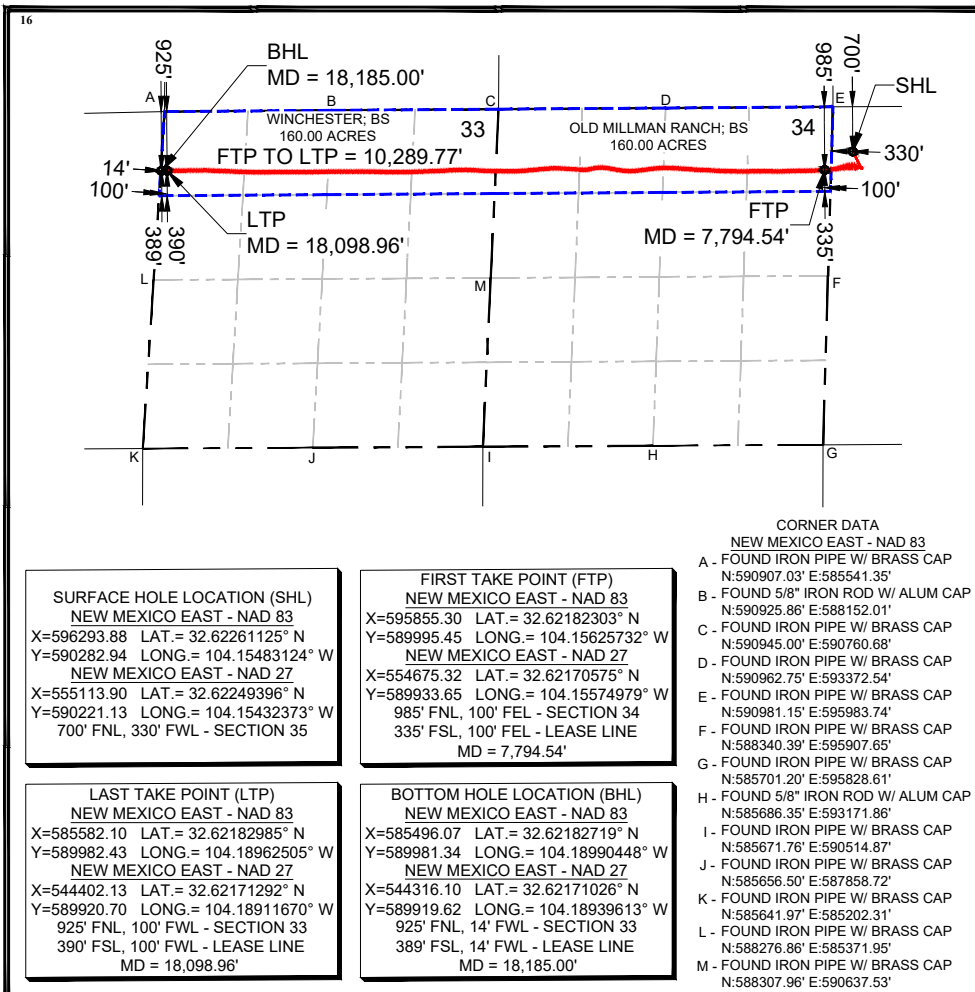
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	35	19-S	28-E		700'	NORTH	330'	EAST	EDDY

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	33	19-S	28-E		925'	NORTH	14'	WEST	EDDY

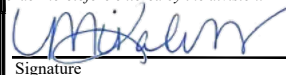
12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code C	15 Order No.
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 02.24.2022
Signature Date

Mikah Thomas

Printed Name

mthomas@colgateenergy.com

E-mail Address

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey
Signature and Seal of Professional Surveyor:



Certificate Number

2/23/2022

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Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
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Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-47708	2 Pool Code 48035 & 65010	3 Pool Name OLD MILLMAN RANCH; BS & WINCHESTER; BS
4 Property Code 329804	5 Property Name SHAMROCK 34 FED COM	6 Well Number 131H
7 OGRID No. 371449	8 Operator Name COLGATE OPERATING, LLC	9 Elevation 3317.7'

10 Surface Location

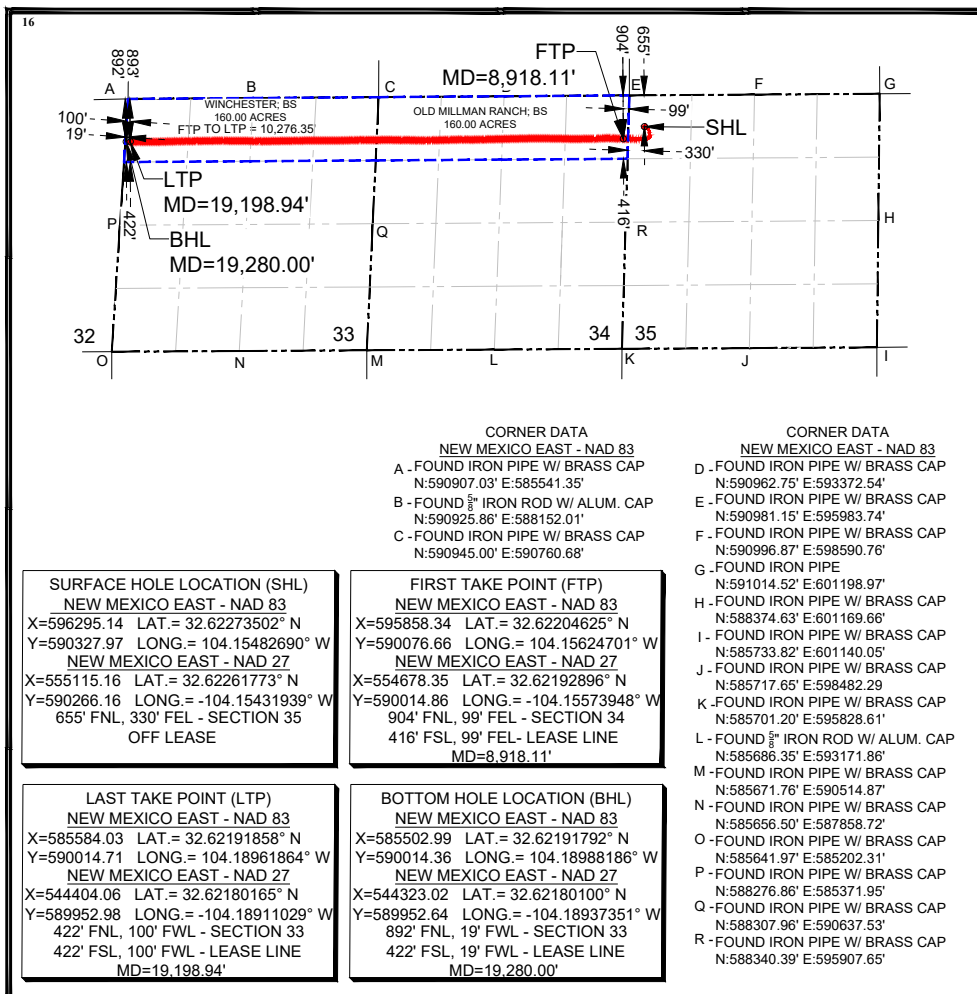
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	35	19-S	28-E		655'	NORTH	330'	WEST	EDDY

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	33	19-S	28-E		892'	NORTH	19'	WEST	EDDY

12 Dedicated Acres 320.00	13 Joint or Infill	14 Consolidation Code C	15 Order No.
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Mikah Thomas 03.14.2022
Signature Date

Mikah Thomas

Printed Name

mthomas@colgateenergy.com

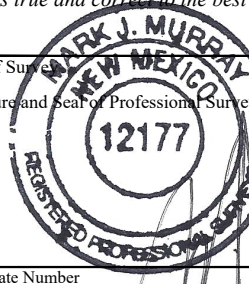
E-mail Address

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey
Signature and Seal of Professional Surveyor:

Certificate Number



2/23/2022

DISTRICT I
1825 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. First St., Artesia, N.M. 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

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State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, N.M. 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office

AS-DRILLED

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-47751	² Pool Code 65010	³ Pool Name Winchester; Bone Spring
⁴ Property Code 329804	⁵ Property Name Shamrock 34 Fed Com	⁶ Well Number 132H
⁷ OGRID No. 371449	⁸ Operator Name Colgate Operating, LLC	⁹ Elevation 3310

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	34	19 S	28 E		2609	South	340	East	Eddy

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	33	19 S	28 E		2226	North	31	West	Eddy

¹² Dedicated Acres 320.00	¹³ Joint or Infill	¹⁴ Consolidation Code C	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16

Legend:

- = Surface Location
- = Bottom Hole Location
- ◇ = Kick Off Point (KOP)
- △ = First Take Point (FTP)
- = Last Take Point (LTP)
- ⊙ = Found 1941 USGLO Brass Cap
- ⊙ = Found 1942 USGLO Brass Cap
- ⊙ = Found Monument

NOTE:
DOWNHOLE INFORMATION TAKEN
FROM A REPORT FURNISHED
BY COLGATE ENERGY, DATED 12-16-21

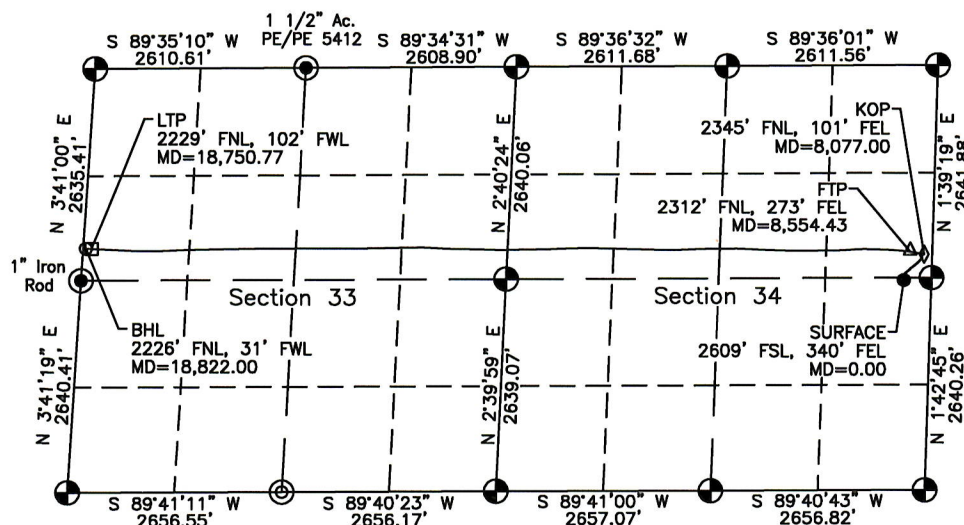
SURFACE LOCATION
NAD 83 NMSPC ZONE 3001
Y= 588309.04 N
X= 595566.64 E
LAT.= 32.6171889° N
LONG.= 104.1572040° W

KICK OFF POINT
NAD 83 NMSPC ZONE 3001
Y= 588634.46 N
X= 595814.76 E
LAT.= 32.6180822° N
LONG.= 104.1563964° W

FIRST TAKE POINT
NAD 83 NMSPC ZONE 3001
Y= 588666.67 N
X= 595643.85 E
LAT.= 32.6181716° N
LONG.= 104.1569513° W

LAST TAKE POINT
NAD 83 NMSPC ZONE 3001
Y= 588677.08 N
X= 585500.19 E
LAT.= 32.6182421° N
LONG.= 104.1898968° W

BOTTOM HOLE LOCATION
NAD 83 NMSPC ZONE 3001
Y= 588679.61 N
X= 585429.17 E
LAT.= 32.6182493° N
LONG.= 104.1901275° W



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

[Signature] 01.17.2022
Signature Date
Mikah Thomas
Printed Name
mthomas@colgateenergy.com
E-mail Address

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey
Signature and Seal of Professional Surveyor



17078
Certificate Number

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State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-		2 Pool Code 65010		3 Pool Name WINCHESTER; BONE SPRING	
4 Property Code		5 Property Name ULURU 35 FED			6 Well Number 121H
7 OGRID No. 371449		8 Operator Name COLGATE ENERGY LLC			9 Elevation 3321'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	35	19-S	28-E		571'	NORTH	330'	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	35	19-S	28-E		330'	NORTH	10'	EAST	EDDY

12 Dedicated Acres 160	13 Joint or Infill	14 Consolidation Code	15 Order No.
----------------------------------	--------------------	-----------------------	--------------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

[Signature] **02.14.2022**
Signature Date

Mikah Thomas
Printed Name

mthomas@colgateenergy.com
E-mail Address

SURFACE HOLE LOCATION (SHL)
NEW MEXICO EAST - NAD 83
X=596297.51 LAT.= 32.62296734° N
Y=590412.49 LONG.= 104.15481876° W
NEW MEXICO EAST - NAD 27
X=555117.53 LAT.= 32.62285005° N
Y=590350.68 LONG.= -104.15431124° W
571' FNL, 330' FWL - SECTION 35

FIRST TAKE POINT (FTP)
NEW MEXICO EAST - NAD 83
X=596074.29 LAT.= 32.62362586° N
Y=590651.69 LONG.= 104.15554248° W
NEW MEXICO EAST - NAD 27
X=554894.31 LAT.= 32.62350858° N
Y=590589.87 LONG.= -104.15503493° W
330' FNL, 100' FWL - SECTION 35

LAST TAKE POINT (LTP)
NEW MEXICO EAST - NAD 83
X=601095.29 LAT.= 32.62369000° N
Y=590683.81 LONG.= 104.13923361° W
NEW MEXICO EAST - NAD 27
X=559915.31 LAT.= 32.62357255° N
Y=590621.95 LONG.= -104.13872645° W
330' FNL, 100' FEL - SECTION 35

BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST - NAD 83
X=601185.31 LAT.= 32.62369122° N
Y=590684.42 LONG.= 104.13894124° W
NEW MEXICO EAST - NAD 27
X=560005.32 LAT.= 32.62357377° N
Y=590622.56 LONG.= -104.13843409° W
330' FNL, 10' FEL - SECTION 35

CORNER DATA
NEW MEXICO EAST - NAD 83

- A. FOUND IRON PIPE W/ BRASS CAP
N:590981.15' E:595983.74'
- B. FOUND BENT IRON PIPE W/ BRASS CAP
N:590996.87' E:595590.76'
- C. FOUND BENT IRON PIPE
N:591014.52' E:601198.97'
- D. FOUND BENT IRON PIPE W/ BRASS CAP
N:591033.50' E:603813.10'
- E. FOUND IRON PIPE W/ BRASS CAP
N:591051.64' E:606427.41'
- F. FOUND IRON PIPE W/ BRASS CAP
N:588406.86' E:606443.83'
- G. FOUND IRON PIPE W/ BRASS CAP
N:585767.43' E:606452.80'
- H. FOUND IRON PIPE W/ BRASS CAP
N:585750.61' E:603795.52'
- I. FOUND IRON PIPE W/ BRASS CAP
N:585733.82' E:601140.05'
- J. FOUND IRON PIPE W/ BRASS CAP
N:585717.65' E:598482.29'
- K. FOUND IRON PIPE W/ BRASS CAP
N:585701.20' E:595828.61'
- L. FOUND IRON PIPE W/ BRASS CAP
N:588340.39' E:595907.65'
- M. FOUND IRON PIPE W/ BRASS CAP
N:588374.63' E:601169.66'

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey: **2/14/2022**

[Signature]
Signature and Seal of Professional Surveyor

12177
Certificate Number

District I

1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II

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Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1 API Number 30-015-		2 Pool Code 65010		3 Pool Name WINCHESTER; BONE SPRING	
4 Property Code		5 Property Name ULURU 35 FED STATE COM			6 Well Number 131H
7 OGRID No. 371449		8 Operator Name COLGATE ENERGY LLC			9 Elevation 3311'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	34	19-S	28-E		2522'	NORTH	340'	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	36	19-S	28-E		990'	NORTH	10'	EAST	EDDY

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
----------------------------------	---------------------------	------------------------------	---------------------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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[Signature] 02.14.2022
Signature Date

Mikah Thomas
Printed Name

mthomas@colgateenergy.com
E-mail Address

18 SURVEYOR CERTIFICATION

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Date of Survey

Signature and Seal of Professional Surveyor

2/14/2022
Certificate Number

CORNER DATA
NEW MEXICO EAST - NAD 83

A - FOUND IRON PIPE W/ BRASS CAP
N:590981.15' E:595983.74'

B - FOUND BENT IRON PIPE W/ BRASS CAP
N:590996.87' E:595990.76'

C - FOUND BENT IRON PIPE
N:591014.52' E:601198.97'

D - FOUND BENT IRON PIPE W/ BRASS CAP
N:591033.50' E:603813.10'

E - FOUND IRON PIPE W/ BRASS CAP
N:591051.64' E:606427.41'

F - FOUND IRON PIPE W/ BRASS CAP
N:588406.86' E:606443.83'

G - FOUND IRON PIPE W/ BRASS CAP
N:585767.43' E:606452.80'

H - FOUND IRON PIPE W/ BRASS CAP
N:585750.61' E:603795.52'

I - FOUND IRON PIPE W/ BRASS CAP
N:585733.82' E:601140.05'

J - FOUND IRON PIPE W/ BRASS CAP
N:585717.65' E:598482.29'

K - FOUND IRON PIPE W/ BRASS CAP
N:585701.20' E:595828.61'

L - FOUND IRON PIPE W/ BRASS CAP
N:588340.39' E:595907.65'

M - FOUND IRON PIPE W/ BRASS CAP
N:588374.63' E:601169.66'

SURFACE HOLE LOCATION (SHL)
NEW MEXICO EAST - NAD 83
X=595571.18 LAT.= 32.61759411° N
Y=588456.47 LONG.= 104.15718843° W
NEW MEXICO EAST - NAD 27
X=554391.17 LAT.= 32.61747680° N
Y=588394.70 LONG.= -104.15668100° W
2522' FNL, 340' FEL - SECTION 34

FIRST TAKE POINT (FTP)
NEW MEXICO EAST - NAD 83
X=596055.27 LAT.= 32.62181144° N
Y=589991.57 LONG.= 104.15560785° W
NEW MEXICO EAST - NAD 27
X=554875.28 LAT.= 32.62169415° N
Y=589929.76 LONG.= -104.15510034° W
990' FNL, 100' FWL - SECTION 35

LAST TAKE POINT (LTP)
NEW MEXICO EAST - NAD 83
X=606333.56 LAT.= 32.62195046° N
Y=590060.94 LONG.= 104.1222328° W
NEW MEXICO EAST - NAD 27
X=565153.56 LAT.= 32.62183282° N
Y=589999.06 LONG.= -104.12171658° W
990' FNL, 100' FEL - SECTION 36

BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST - NAD 83
X=606423.56 LAT.= 32.62195173° N
Y=590061.58 LONG.= 104.12193096° W
NEW MEXICO EAST - NAD 27
X=565243.56 LAT.= 32.62183408° N
Y=589999.70 LONG.= -104.12142427° W
990' FNL, 10' FEL - SECTION 36

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OIL CONSERVATION DIVISION
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Form C-102

Revised August 1, 2011

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-		2 Pool Code 65010		3 Pool Name WINCHESTER; BONE SPRING	
4 Property Code		5 Property Name ULURU 35 FED STATE COM			6 Well Number 132H
7 OGRID No. 371449		8 Operator Name COLGATE ENERGY LLC			9 Elevation 3311'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	34	19-S	28-E		2547'	NORTH	340'	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	36	19-S	28-E		2310'	NORTH	10'	EAST	EDDY

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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16

SURFACE HOLE LOCATION (SHL)
NEW MEXICO EAST - NAD 83
X=595570.41 LAT.= 32.61752543° N
Y=588431.48 LONG.= 104.15719107° W
NEW MEXICO EAST - NAD 27
X=554390.40 LAT.= 32.61740811° N
Y=588369.72 LONG.= -104.15668363° W
2547' FNL, 340' FEL - SECTION 34

FIRST TAKE POINT (FTP)
NEW MEXICO EAST - NAD 83
X=596017.22 LAT.= 32.61818261° N
Y=588671.31 LONG.= 104.15573858° W
NEW MEXICO EAST - NAD 27
X=554837.21 LAT.= 32.61806529° N
Y=588609.54 LONG.= -104.15523116° W
2310' FNL, 100' FEL - SECTION 35

LAST TAKE POINT (LTP)
NEW MEXICO EAST - NAD 83
X=606341.75 LAT.= 32.61832218° N
Y=588740.97 LONG.= 104.12220518° W
NEW MEXICO EAST - NAD 27
X=565161.73 LAT.= 32.61820451° N
Y=588679.11 LONG.= -104.12169859° W
2310' FNL, 100' FEL - SECTION 36

BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST - NAD 83
X=606431.75 LAT.= 32.61832345° N
Y=588741.61 LONG.= 104.12191288° W
NEW MEXICO EAST - NAD 27
X=565251.72 LAT.= 32.61820577° N
Y=588679.75 LONG.= -104.12140629° W
2310' FNL, 10' FEL - SECTION 36

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[Signature] **02.14.2022**
Signature Date

Mikah Thomas
Printed Name

mthomas@colgateenergy.com
E-mail Address

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Date of Survey: **2/14/2022**
Signature and Seal of Professional Surveyor: *[Signature]*

MARK J. MURRAY
NEW MEXICO
REGISTERED PROFESSIONAL SURVEYOR
12177

Certificate Number: **2/14/2022**

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WELL LOCATION AND ACREAGE DEDICATION PLAT

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4 Property Code		5 Property Name ULURU 35 FED STATE COM			6 Well Number 133H
7 OGRID No. 371449		8 Operator Name COLGATE ENERGY LLC			9 Elevation 3311'

10 Surface Location

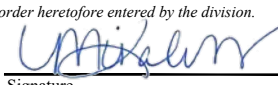
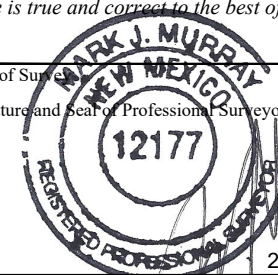
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	34	19-S	28-E		2572'	NORTH	340'	EAST	EDDY

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	36	19-S	28-E		1650'	SOUTH	10'	EAST	EDDY

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
----------------------------------	---------------------------	------------------------------	---------------------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>16</p> <p>CORNER DATA NEW MEXICO EAST - NAD 83</p> <p>A - FOUND IRON PIPE W/ BRASS CAP N:590981.15' E:595983.74' B - FOUND BENT IRON PIPE W/ BRASS CAP N:590996.87' E:598590.76' C - FOUND BENT IRON PIPE N:591014.52' E:601198.97' D - FOUND BENT IRON PIPE W/ BRASS CAP N:591033.50' E:603813.10' E - FOUND IRON PIPE W/ BRASS CAP N:591051.64' E:606427.41' F - FOUND IRON PIPE W/ BRASS CAP N:588406.86' E:606443.83' G - FOUND IRON PIPE W/ BRASS CAP N:585767.43' E:606452.80' H - FOUND IRON PIPE W/ BRASS CAP N:585750.61' E:603795.52' I - FOUND IRON PIPE W/ BRASS CAP N:585733.82' E:601140.05' J - FOUND IRON PIPE W/ BRASS CAP N:585717.65' E:598482.29' K - FOUND IRON PIPE W/ BRASS CAP N:585701.20' E:598288.61' L - FOUND IRON PIPE W/ BRASS CAP N:588340.39' E:595907.65' M - FOUND IRON PIPE W/ BRASS CAP N:588374.63' E:601169.66'</p> <p>SURFACE HOLE LOCATION (SHL) NEW MEXICO EAST - NAD 83 X=595569.64 LAT.= 32.61745674° N Y=588406.49 LONG.= 104.15719370° W NEW MEXICO EAST - NAD 27 X=554389.63 LAT.= 32.61733943° N Y=588344.73 LONG.= -104.15668627° W 2572' FNL, 340' FEL - SECTION 34</p> <p>FIRST TAKE POINT (FTP) NEW MEXICO EAST - NAD 83 X=595978.10 LAT.= 32.61455676° N Y=587352.15 LONG.= 104.15587282° W NEW MEXICO EAST - NAD 27 X=554798.06 LAT.= 32.61443941° N Y=587290.40 LONG.= -104.15536549° W 1650' FSL, 100' FWL - SECTION 35</p> <p>LAST TAKE POINT (LTP) NEW MEXICO EAST - NAD 83 X=606347.19 LAT.= 32.61468238° N Y=587416.80 LONG.= 104.12219606° W NEW MEXICO EAST - NAD 27 X=565167.14 LAT.= 32.61456467° N Y=587354.97 LONG.= -104.12168957° W 1650' FSL, 100' FEL - SECTION 36</p> <p>BOTTOM HOLE LOCATION (BHL) NEW MEXICO EAST - NAD 83 X=606437.19 LAT.= 32.61468345° N Y=587417.37 LONG.= 104.12190376° W NEW MEXICO EAST - NAD 27 X=565257.14 LAT.= 32.61456574° N Y=587355.54 LONG.= -104.12139728° W 1650' FSL, 10' FEL - SECTION 36</p>		<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p> 02.14.2022 Signature Date</p> <p>Mikah Thomas Printed Name</p> <p>mthomas@colgateenergy.com E-mail Address</p> <p>18 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p> Date of Survey Signature and Seal of Professional Surveyor</p> <p>2/14/2022 Certificate Number</p>
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WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code 65010	3 Pool Name WINCHESTER; BONE SPRING
4 Property Code	5 Property Name ULURU 35 FED STATE COM	6 Well Number 134H
7 OGRID No. 371449	8 Operator Name COLGATE ENERGY LLC	9 Elevation 3302'

10 Surface Location

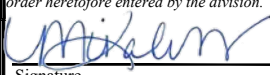
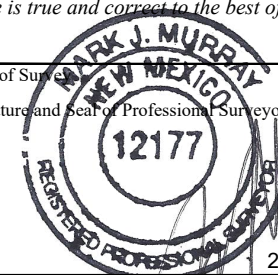
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	34	19-S	28-E		401'	SOUTH	560'	EAST	EDDY

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	36	19-S	28-E		330'	SOUTH	10'	EAST	EDDY

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>16</p> <p>SURFACE HOLE LOCATION (SHL) NEW MEXICO EAST - NAD 83 X=595280.44 LAT.= 32.61111477° N Y=586098.77 LONG.= 104.15814536° W NEW MEXICO EAST - NAD 27 X=554100.38 LAT.= 32.61099741° N Y=586037.06 LONG.= -104.15763807° W 401' FSL, 560' FEL - SECTION 34</p> <p>FIRST TAKE POINT (FTP) NEW MEXICO EAST - NAD 83 X=595938.56 LAT.= 32.61092789° N Y=586031.88 LONG.= 104.15600838° W NEW MEXICO EAST - NAD 27 X=554758.50 LAT.= 32.61081051° N Y=585970.16 LONG.= -104.15550115° W 330' FSL, 100' FWL - SECTION 35</p> <p>LAST TAKE POINT (LTP) NEW MEXICO EAST - NAD 83 X=606351.68 LAT.= 32.61105405° N Y=586096.80 LONG.= 104.12219000° W NEW MEXICO EAST - NAD 27 X=565171.60 LAT.= 32.61093631° N Y=586035.00 LONG.= -104.12168361° W 330' FSL, 100' FEL - SECTION 36</p> <p>BOTTOM HOLE LOCATION (BHL) NEW MEXICO EAST - NAD 83 X=606441.68 LAT.= 32.61105512° N Y=586097.37 LONG.= 104.12189772° W NEW MEXICO EAST - NAD 27 X=565261.60 LAT.= 32.61093738° N Y=586035.57 LONG.= -104.12139134° W 330' FSL, 10' FEL - SECTION 36</p> <p>CORNER DATA NEW MEXICO EAST - NAD 83 A. FOUND IRON PIPE W/ BRASS CAP N:590981.15' E:595983.74' B. FOUND BENT IRON PIPE W/ BRASS CAP N:590996.87' E:598590.76' C. FOUND BENT IRON PIPE N:591014.52' E:601198.97' D. FOUND BENT IRON PIPE W/ BRASS CAP N:591033.50' E:603813.10' E. FOUND IRON PIPE W/ BRASS CAP N:591051.64' E:606427.41' F. FOUND IRON PIPE W/ BRASS CAP N:588406.86' E:606443.83' G. FOUND IRON PIPE W/ BRASS CAP N:585767.43' E:606452.80' H. FOUND IRON PIPE W/ BRASS CAP N:585750.61' E:603795.52' I. FOUND IRON PIPE W/ BRASS CAP N:585733.82' E:601140.05' J. FOUND IRON PIPE W/ BRASS CAP N:585717.65' E:598482.29' K. FOUND IRON PIPE W/ BRASS CAP N:585701.20' E:595828.61' L. FOUND IRON PIPE W/ BRASS CAP N:588340.39' E:595907.65' M. FOUND IRON PIPE W/ BRASS CAP N:588374.63' E:601169.66'</p>	<p>17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p> 02.14.2022 Signature Date</p> <p>Mikah Thomas Printed Name</p> <p>mthomas@colgateenergy.com E-mail Address</p> <p>18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p> Date of Survey Signature and Seal of Professional Surveyor</p> <p>2/14/2022 Certificate Number</p>
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WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-	2 Pool Code 65010	3 Pool Name WINCHESTER; BONE SPRING
4 Property Code	5 Property Name ULURU 35 FED STATE COM	6 Well Number 201H
7 OGRID No. 371449	8 Operator Name COLGATE ENERGY LLC	9 Elevation 3321'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	35	19-S	28-E		546'	NORTH	330'	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	36	19-S	28-E		1650'	NORTH	10'	EAST	EDDY

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
----------------------------------	--------------------	-----------------------	--------------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

[Signature] **2.14.2022**
Signature Date

Mikah Thomas
Printed Name

mthomas@colgateenergy.com
E-mail Address

SURFACE HOLE LOCATION (SHL)
NEW MEXICO EAST - NAD 83
X=596298.20 LAT.= 32.62303595° N
Y=590437.46 LONG.= 104.15481635° W
NEW MEXICO EAST - NAD 27
X=555118.22 LAT.= 32.62291866° N
Y=590375.64 LONG.= -104.15430883° W
546' FNL, 330' FWL - SECTION 35

FIRST TAKE POINT (FTP)
NEW MEXICO EAST - NAD 83
X=596036.24 LAT.= 32.61999703° N
Y=589331.44 LONG.= 104.15567322° W
NEW MEXICO EAST - NAD 27
X=554856.25 LAT.= 32.61987972° N
Y=589269.65 LONG.= -104.15516576° W
1650' FNL, 100' FWL - SECTION 35

LAST TAKE POINT (LTP)
NEW MEXICO EAST - NAD 83
X=606337.66 LAT.= 32.62013632° N
Y=589400.96 LONG.= 104.12221423° W
NEW MEXICO EAST - NAD 27
X=565157.64 LAT.= 32.62001866° N
Y=589339.09 LONG.= -104.12170759° W
1650' FNL, 100' FEL - SECTION 36

BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST - NAD 83
X=606427.65 LAT.= 32.62013759° N
Y=589401.60 LONG.= 104.12192192° W
NEW MEXICO EAST - NAD 27
X=565247.64 LAT.= 32.62001992° N
Y=589339.72 LONG.= -104.12141528° W
1650' FNL, 10' FEL - SECTION 36

CORNER DATA
NEW MEXICO EAST - NAD 83

- A. FOUND IRON PIPE W/ BRASS CAP
N:590981.15' E:595983.74'
- B. FOUND BENT IRON PIPE W/ BRASS CAP
N:590996.87' E:595590.76'
- C. FOUND BENT IRON PIPE
N:591014.52' E:601198.97'
- D. FOUND BENT IRON PIPE W/ BRASS CAP
N:591033.50' E:603813.10'
- E. FOUND IRON PIPE W/ BRASS CAP
N:591051.64' E:606427.41'
- F. FOUND IRON PIPE W/ BRASS CAP
N:588406.86' E:606443.83'
- G. FOUND IRON PIPE W/ BRASS CAP
N:585767.43' E:606452.80'
- H. FOUND IRON PIPE W/ BRASS CAP
N:585750.61' E:603795.52'
- I. FOUND IRON PIPE W/ BRASS CAP
N:585733.82' E:601140.05'
- J. FOUND IRON PIPE W/ BRASS CAP
N:585717.65' E:598482.29'
- K. FOUND IRON PIPE W/ BRASS CAP
N:585701.20' E:595828.61'
- L. FOUND IRON PIPE W/ BRASS CAP
N:588340.39' E:595907.65'
- M. FOUND IRON PIPE W/ BRASS CAP
N:588374.63' E:601169.66'

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey: **2/14/2022**

Signature and Seal of Professional Surveyor: *[Signature]*

Certificate Number: **12177**

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-		2 Pool Code 65010		3 Pool Name WINCHESTER; BONE SPRING	
4 Property Code		5 Property Name ULURU 35 FED STATE COM			6 Well Number 203H
7 OGRID No. 371449		8 Operator Name COLGATE ENERGY LLC			9 Elevation 3302'

¹⁰ Surface Location

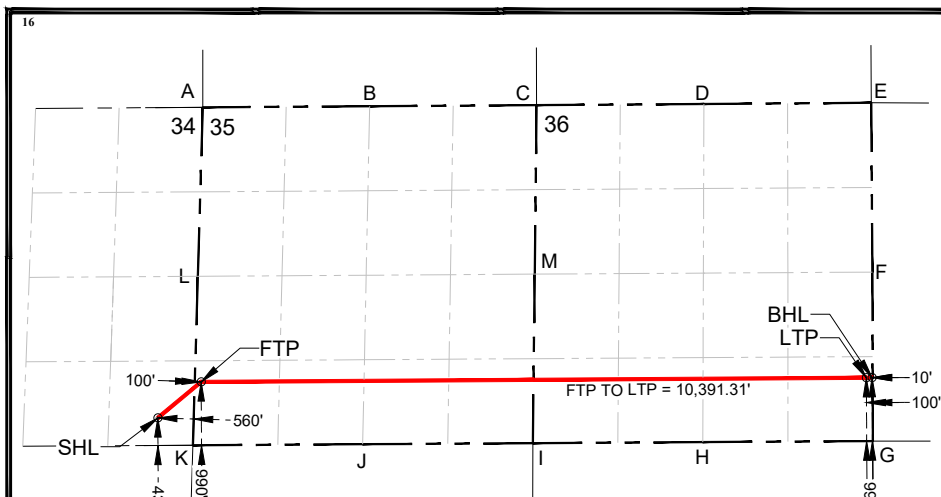
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	34	19-S	28-E		431'	SOUTH	560'	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	36	19-S	28-E		990'	SOUTH	10'	EAST	EDDY

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
----------------------------------	--------------------	-----------------------	--------------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



CORNER DATA
NEW MEXICO EAST - NAD 83

- A - FOUND IRON PIPE W/ BRASS CAP
N:590981.15' E:595983.74'
- B - FOUND BENT IRON PIPE W/ BRASS CAP
N:590996.87' E:595980.76'
- C - FOUND BENT IRON PIPE
N:591014.52' E:601198.97'
- D - FOUND BENT IRON PIPE W/ BRASS CAP
N:591033.50' E:603813.10'
- E - FOUND IRON PIPE W/ BRASS CAP
N:591051.64' E:606427.41'
- F - FOUND IRON PIPE W/ BRASS CAP
N:588406.86' E:606443.83'
- G - FOUND IRON PIPE W/ BRASS CAP
N:585767.43' E:606452.80'
- H - FOUND IRON PIPE W/ BRASS CAP
N:585750.61' E:603795.52'
- I - FOUND IRON PIPE W/ BRASS CAP
N:585733.82' E:601140.05'
- J - FOUND IRON PIPE W/ BRASS CAP
N:585717.65' E:598482.29'
- K - FOUND IRON PIPE W/ BRASS CAP
N:585701.20' E:595828.61'
- L - FOUND IRON PIPE W/ BRASS CAP
N:588340.39' E:595907.65'
- M - FOUND IRON PIPE W/ BRASS CAP
N:588374.63' E:601169.66'

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

[Signature] 02.14.2022
Signature Date

Mikah Thomas

Printed Name

mthomas@colgateenergy.com

E-mail Address

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey
Signature and Seal of Professional Surveyor:



Certificate Number

2/14/2022

Federal Communitization Agreement

Contract No. _____

THIS AGREEMENT entered into as of the 1st day of October, 2020, by and between the parties subscribing, ratifying, or consenting hereto, such parties being hereinafter referred to as "parties hereto."

WITNESSETH:

WHEREAS, the Act of February 25, 1920 (41 Stat. 437), as amended and supplemented, authorizes communitization or drilling agreements communitizing or pooling a Federal oil and gas lease, or any portion thereof, with other lands, whether or not owned by the United States, when separate tracts under such Federal lease cannot be independently developed and operated in conformity with an established well-spacing program for the field or area and such communitization or pooling is determined to be in the public interest; and

WHEREAS, the parties hereto own working, royalty or other leasehold interests, or operating rights under the oil and gas leases and lands subject to this agreement which cannot be independently developed and operated in conformity with the well-spacing program established for the field or area in which said lands are located; and

WHEREAS, the parties hereto desire to communitize and pool their respective mineral interests in lands subject to this agreement for the purpose of developing and producing communitized substances in accordance with the terms and conditions of this agreement:

NOW, THEREFORE, in consideration of the premises and the mutual advantages to the parties hereto, it is mutually covenanted and agreed by and between the parties hereto as follows:

1. The lands covered by this agreement (hereinafter referred to as "communitized area") are described as follows:

Township 19 South, Range 28 East:

Section 33: N/2S/2

Section 34: N/2S/2

Eddy County, New Mexico

Containing **320.0** acres, and this agreement shall include only the Bone Spring formation underlying said lands and the associated gaseous hydrocarbons hereafter referred to as "communitized substances," producible from such formation.

2. Attached hereto, and made a part of this agreement for all purposes is Exhibit "A", a plat designating the communitized area and, Exhibit "B", designating the operator of the communitized area and showing the acreage, percentage and ownership of oil and gas interests in all lands within the communitized area, and the authorization, if any, for communitizing or pooling any patented or fee lands within the communitized area.

3. The Operator of the communitized area shall be Colgate Operating, LLC, whose address is 300 N. Marienfeld Street, Suite 1000, Midland, Texas 79701. All matters of operations shall be governed by the operator under and pursuant to the terms and provisions of this agreement. A successor operator maybe designated by the owners of the working interest in the communitized area and four (4) executed copies of a designation of successor operator shall be filed with the Authorized Officer.
4. Operator shall furnish the Secretary of the Interior, or his authorized representative, with a log and history of any well drilled on the communitized area, monthly reports of operations, statements of oil and gas sales and royalties and such other reports as are deemed necessary to compute monthly the royalty due the United States, as specified in the applicable oil and gas operating regulations.
5. The communitized area shall be developed and operated as an entirety, with the understanding and agreement between the parties hereto that all communitized substances produced there from shall be allocated among the leaseholds comprising said area in the proportion that the acreage interest of each leasehold bears to the entire acreage interest committed to this agreement.

If the communitized area approved in this Agreement contains unleased Federal lands, the value of $1/8^{\text{th}}$ or $12 \frac{1}{2}$ percent for the Federal lands, of the production that would be allocated to such Federal lands, described above, if such lands were leased, committed and entitled to participation, shall be payable as compensatory royalties to the Federal government. The remaining $7/8^{\text{th}}$ should be placed into an escrow account set up by the operator. Parties to the Agreement holding working interest in committed leases within the applicable communitized area are responsible for such royalty payments on the volume of the production reallocated from the unleased Federal lands to their communitized tracts as set forth in Exhibit "B" attached hereto. The value of such production subject to the payment of said royalties shall be determined pursuant to the method set forth in 30 CFR Part 1206 for the unleased Federal lands. Payment of compensatory royalties on the production reallocated from the unleased Federal lands to the committed tracts within the communitized area shall fulfill the Federal royalty obligation for such production. Payment of compensatory royalties, as provided herein, shall accrue

from the date the committed tracts in the communitized area that includes unleased Federal land receive a production allocation, and shall be due and payable by the last day of the calendar month next following the calendar month of actual production. Payment due under this provision shall end when the Federal tract is leased or when production of communitized substances ceases within the communitized area and the Communitization Agreement is terminated, whichever occurs first.

Any party acquiring a Federal lease of the unleased Federal lands included in the communitized area established hereunder, will be subject to this Agreement as of the effective date of the Federal leases to said party (ies). Upon issuance of the Federal lease and payment of its proportionate cost of the well, including drilling, completing and equipping the well, the acquiring party (ies) shall own the working interest described in the Tract, as described on Exhibit "B", and shall have the rights and obligations of said working interest as to the effective date of the Federal Lease.

6. The royalties payable on communitized substances allocated to the individual leases comprising the communitized area and the rentals provided for in said leases shall be determined and paid on the basis prescribed in each of the individual leases. Payments of rentals under the terms of leases subject to this agreement shall not be affected by this agreement except as provided for under the terms and provisions of said leases or as may herein be otherwise provided. Except as herein modified and changed, the oil and gas leases subject to this agreement shall remain in full force and effect as originally made and issued. It is agreed that for any Federal lease bearing a sliding- or step-scale rate of royalty, such rate shall be determined separately as to production from each communitization agreement to which such lease may be committed, and separately as to any noncommunitized lease production, provided, however, as to leases where the rate of royalty for gas is based on total lease production per day, such rate shall be determined by the sum of all communitized production allocated to such a lease plus any noncommunitized lease production.
7. There shall be no obligation on the lessees to offset any well or wells completed in the same formation as covered by this agreement on separate component tracts into which the communitized area is now or may hereafter be divided, nor shall any lessee be required to measure separately communitized substances by reason of the diverse ownership thereof, but the lessees hereto shall not be released from their obligation to protect said communitized area from drainage of communitized substances by a well or wells which may be drilled offsetting said area.
8. The commencement, completion, continued operation, or production of a well or wells for communitized substances on the communitized area shall be construed and considered as the commencement, completion, continued operation, or production on each and all of the lands within and comprising said communitized

- area, and operations or production pursuant to this agreement shall be deemed to be operations or production as to each lease committed hereto.
9. Production of communitized substances and disposal thereof shall be in conformity with allocation, allotments, and quotas made or fixed by any duly authorized person or regulatory body under applicable Federal or State statutes. This agreement shall be subject to all applicable Federal and State laws or executive orders, rules and regulations, and no party hereto shall suffer a forfeiture or be liable in damages for failure to comply with any of the provisions of this agreement if such compliance is prevented by, or if such failure results from, compliance with any such laws, orders, rules or regulations.
 10. The date of this agreement is October 1, 2020, and it shall become effective as of this date or from the onset of production of communitized substances, whichever is earlier upon execution by the necessary parties, notwithstanding the date of execution, and upon approval by the Secretary of the Interior or by his duly authorized representative, and shall remain in force and effect for a period of 2 years and for as long as communitized substances are, or can be, produced from the communitized area in paying quantities: Provided, that prior to production in paying quantities from the communitized area and upon fulfillment of all requirements of the Secretary of the Interior, or his duly authorized representative, with respect to any dry hole or abandoned well, this agreement may be terminated at any time by mutual agreement of the parties hereto. This agreement shall not terminate upon cessation of production if, within 60 days thereafter, reworking or drilling operations on the communitized area are commenced and are thereafter conducted with reasonable diligence during the period of nonproduction. The 2-year term of this agreement will not in itself serve to extend the term of any Federal lease which would otherwise expire during said period.
 11. The covenants herein shall be construed to be covenants running with the land with respect to the communitized interests of the parties hereto and their successors in interests until this agreement terminates and any grant, transfer, or conveyance of any such land or interest subject hereto, whether voluntary or not, shall be and hereby is conditioned upon the assumption of all obligations hereunder by the grantee, transferee, or other successor in interest, and as to Federal land shall be subject to approval by the Secretary of the Interior, or his duly authorized representative.
 12. It is agreed between the parties hereto that the Secretary of the Interior, or his duly authorized representative, shall have the right of supervision over all Fee and State mineral operations within the communitized area to the extent necessary to monitor production and measurement, and assure that no avoidable loss of hydrocarbons occur in which the United States has an interest pursuant to applicable oil and gas regulations of the Department of the Interior relating to such production and measurement.

- IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the day and year first above written and have set opposite their respective names the date of execution.

By: _____
Brandon Gaynor, Sr. Vice President of Land

STATE OF TEXAS)
) ss.
COUNTY OF MIDLAND)

My commission expires

Title: Senior Vice President

My commission expires

My commission expires

ZPZ Delaware I, LLC
(Lessee of Record)

Date: _____

By: _____

Name: _____

Title: _____

ACKNOWLEDGEMENT

STATE OF _____)
) ss.
COUNTY OF _____)

On this _____ day of _____, 2022, before me, a Notary Public for the State of _____, personally appeared _____, known to me to be the _____ of _____, the corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)

Notary Public

My commission expires

ACKNOWLEDGEMENT
(Individual capacity)

STATE OF _____)
COUNTY OF _____)

On this _____ day of _____, 2022, before me, a Notary Public for the State of _____, personally appeared _____.

(SEAL)

Notary Public

My commission expires

ZPZ Delaware I, LLC
(Lessee of Record)

Date: _____

By: _____

Name: _____

Title: _____

ACKNOWLEDGEMENT

STATE OF _____)
) ss.
COUNTY OF _____)

On this _____ day of _____, 2022, before me, a Notary Public for the State of _____, personally appeared _____, known to me to be the _____ of _____, the corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)

Notary Public

My commission expires

ACKNOWLEDGEMENT
(Individual capacity)

STATE OF _____)
COUNTY OF _____)

On this _____ day of _____, 2022, before me, a Notary Public for the State of _____, personally appeared _____.

(SEAL)

Notary Public

My commission expires

Northern Oil and Gas, Inc.
(Lessee of Record & Working Interest Owner)

Date: _____

By: _____

Name: _____

Title: _____

ACKNOWLEDGEMENT

STATE OF _____)
) ss.
COUNTY OF _____)

On this _____ day of _____, 2022, before me, a Notary Public for the State of _____, personally appeared _____, known to me to be the _____ of _____, the corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)

Notary Public

My commission expires

ACKNOWLEDGEMENT
(Individual capacity)

STATE OF _____)
COUNTY OF _____)

On this _____ day of _____, 2022, before me, a Notary Public for the State of _____, personally appeared _____.

(SEAL)

Notary Public

My commission expires

EXHIBIT "A"

Plat of communitized area covering **320.0** acres in Township 19 South, Range 28 East, N/2S/2 of Section 33 and the N/2S/2 of Section 34, Eddy County, New Mexico, as written in Section 1 above.

Well Name/No.

DAWSON 34 FED COM #123H
DAWSON 34 FED COM #133H

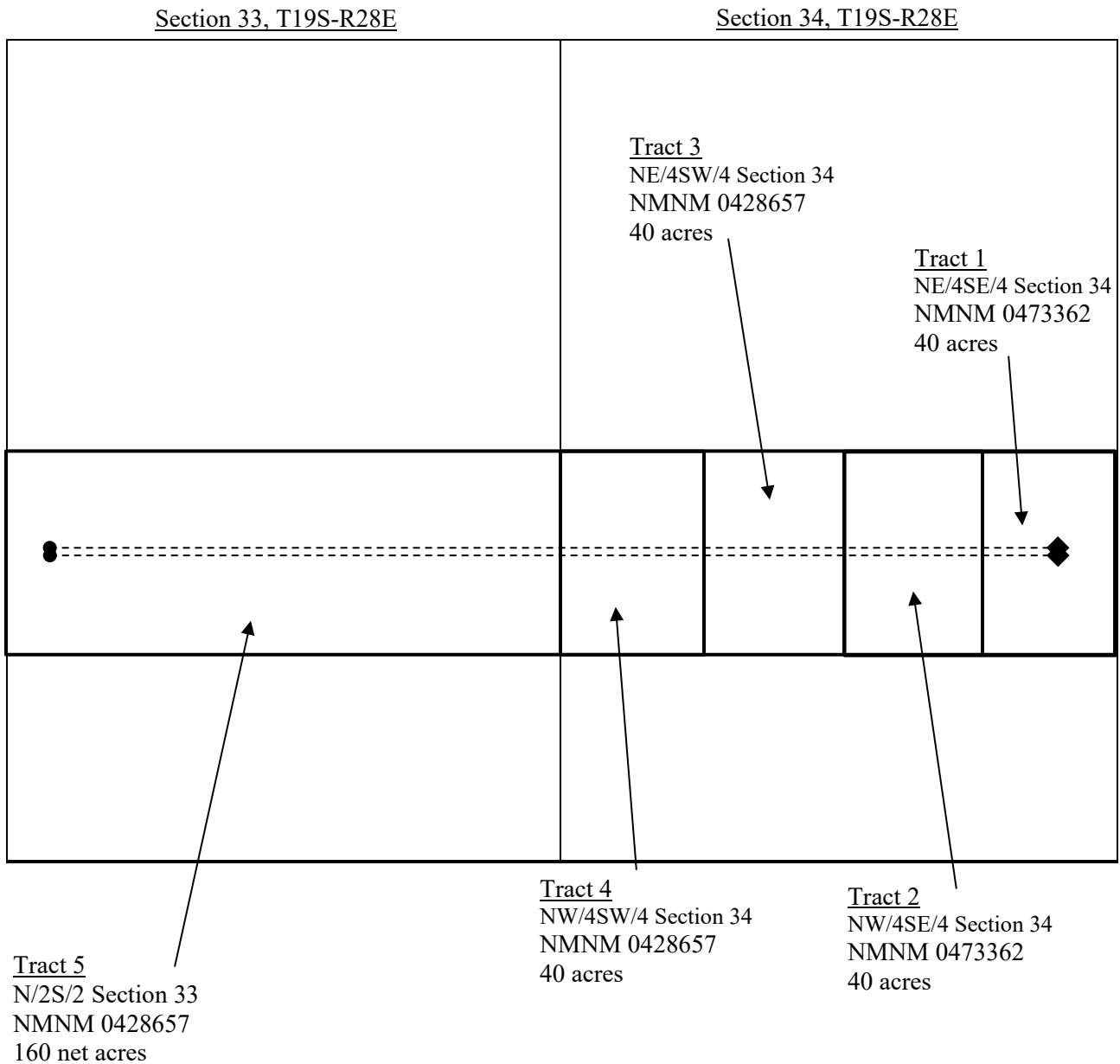


EXHIBIT "B"

To Communitization Agreement Dated October 1, 2020, embracing the following described land in Township 19 South, Range 28 East, N/2S/2 of Section 33 and N/2S/2 of Section 34, Eddy County, New Mexico, as written in Section 1 above.

Operator of Communitized Area:

COLGATE OPERATING, LLC

DESCRIPTION OF LEASES COMMITTED**TRACT NO. 1**

Lease Serial Number:	NMNM 0473362
Lease Date:	Effective January 1, 1964
Lease Term:	10 years, subsequently extended for 2 years
Lessor:	United States of America
Original Lessee:	George A. Lauck
Current Lessee of Record:	D.W. Underwood and J.C. Williamson
Description of Land Committed:	NE/4SE/4 of Section 34, T19S-R28E, Eddy County, New Mexico
Number of Acres:	40
Royalty Rate:	12.5%
Name and Percent ORRI Owners:	Colgate Royalties, LP – 0.06027778, Frank J. Pisor – 0.00125000, Heirs of George A Lauk & Molly Lauk – 0.00937500, Mark and Paula McClellan – 0.000625000, Ross and Kandace McClellan – 0.000625000, Etheredge Revocable Living Trust dtd 11/4/1997 – 0.00347222, Marshall & Winston, Inc. – 0.028125000, Greenville Partners – 0.00937500, Kevin Hammitt – 0.00468750, James A. Lawson – 0.00468750, Mountain Lion Oil & Gas – 0.06027778
Name of Working Interest Owners:	Colgate Production, LLC - 0.85544306, Northern Oil & Gas, Inc. – 0.02570714, C5 Capital Management, LLC – 0.00520833, HCH Investment, LLC – 0.00520833, Catherine E. Huffman – 0.00520833, Elizabeth Tullis Dillard – 0.06250000, Myrlene Mannschreck Dillon – 0.03125000, Duer Wagner, III - .00377250, Geoffrey Lancel – 0.00010778, Douglas Cranmer – 0.00053280, Russell Cranmer – 0.00053280, Douglas C. Cranmer and Russell B. Cranmer, Trustees of the Russell E. Cranmer Irrevocable Trust dtd December 28, 1992 – 0.00053280, Katherine Ferguson – 0.00213120, Robert G. Ettleson – 0.00053280, Mary Kline – 0.00053280, Sombrero Associates – 0.00079933

TRACT NO. 2

Lease Serial Number: NMNM 0473362
Lease Date: Effective January 1, 1964
Lease Term: 10 years, subsequently extended for 2 years
Lessor: United States of America
Original Lessee: George A. Lauck
Current Lessee of Record: D.W. Underwood and J.C. Williamson
Description of Land Committed: NW/4SE/4 of Section 34, T19S-R28E, Eddy County, New Mexico
Number of Acres: 40
Royalty Rate: 12.5%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.06027778, Mountain Lion Oil & Gas – 0.00500000, Frank J. Pisor – 0.00125000, Heirs of George A. Lauk & Molly Lauk – 0.00937500, Mark & Paula McClellan – 0.00062500, Ross & Kandace McClellan – 0.00062500, Cheryl Diane Etheredge, Trustee of the Etheredge Rev. Living Trust dtd 11/4/1997 – 0.00347222, Marshall & Winston, Inc. – 0.02812500, Greenville Partners – 0.00937500, Kevin Hammit – 0.00468750, James A. Lawson – 0.00468750
Name of Working Interest Owners: Colgate Production, LLC - 0.87500000, Raquel L. Womack – 0.00053285, Robert K. Hillin, Jr. – 0.12500000, Katherine Ferguson – 0.00213120

TRACT NO. 3

Lease Serial Number: NMNM 0428657
Lease Date: July 17, 1963, effective September 1, 1963
Lease Term: 10 years, subsequently extended for 2 years
Lessor: United States of America
Original Lessee: T. A. Fraser and J. Mack Barnes
Current Lessee of Record: ZPZ Delaware I LLC, Northern Oil & Gas, Inc., CM Resources, LLC, Colgate Production, LLC
Description of Land Committed: NE/4SW/4 of Section 34, T19S-R28E, Eddy County, New Mexico
Number of Acres: 40
Royalty Rate: 12.5%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.07704584, CM Royalties, LLC – 0.00937500, Abuelo, LLC – 0.00096146, Carol Sue Mhoon – 0.01250000, Ergodic Resources LLC - .00096146, Loco Hill Production Company, LLC – 0.00096146, Magnum Hunter Production, Inc. – 0.00070159, Silverhair, LLC – 0.00096146, William G. Ross and Vee K. Ross, Trustees of the

Name of Working Interest Owners:

William G. Ross and Vee K. Ross Living Trust
 UTA dated March 9, 1990 – 0.01250000
 Colgate Production, LLC - 0.64775238, Northern
 Oil & Gas, Inc. – 0.22214120, Myrlene
 Mannschreck Dillon - 0.02343750, Geoffrey
 Lanceley - 0.00008033, Wildcat Energy, LLC -
 0.00279387, Hodge Natural Gas Gathering, Inc. -
 0.00039960, Robert G. Ettleson – 0.00039960,
 William L. Hilliard – 0.00079910, Mary L. Kline
 – 0.00039970, Heirs or Devisees of John R. Kline
 – 0.00139860, Gerald L. Michaud – 0.00079910,
 Ted J. Werts – 0.00039960, Intrepid Energy, Inc.
 – 0.01928035, Douglas C. Cranmer and Russell
 B. Cranmer, Trustees of the Russell E. Cranmer
 Irrevocable Trust dated December 28, 1992 –
 0.00119880, Bill Ferguson – 0.00319680, Robert
 H. Krieble – 0.00139850, Sombrero Associates –
 0.00089930, Nelson & Co., for the benefit of John
 D. Wile Marital Trust – 0.00059940, Magnum
 Hunter Production, Inc. – 0.03173252, John G.
 Rocovich – 0.00140625, Paul & Zofia Umbarger
 – 0.00712969, J.W. Davis – 0.01343671, Current
 Trustee under Declaration of Trust dated August
 28, 1982, executed by Alice G. Davis –
 0.01343672, Galkay, a Joint Venture –
 0.00466172, James Kenneth Garrett –
 0.00020567, Joyce Eline Garrett – 0.00020567,
 Donna Marie Studer, Administrator, Estate of
 Genevieve Studer - 0.00010283, Carl Joseph
 Garrett, Executor, Estate of Jasper Ben Garrett, Jr.
 – 0.00010283, Connie Gale Becker – 0.00010283,
 Ginger Lee Meyers – 0.00010283

TRACT NO. 4**Lease Serial Number:**

NMNM 0428657

Lease Date:

July 17, 1963, effective September 1, 1963

Lease Term:

10 years, subsequently extended for 2 years

Lessor:

United States of America

Original Lessee:

T.A. Fraser and J. Mack Barnes

Current Lessee of Record:

ZPZ Delaware I LLC, Northern Oil & Gas,
 Inc., CM Resources, LLC, Colgate Production,
 LLC

Description of Land Committed:

NW/4SW/4 of Section 34, T19S-R28E, Eddy
 County, New Mexico

Number of Acres:

40

Royalty Rate:

12.5%

Name and Percent ORRI Owners:

Colgate Royalties, LP – 0.07751768, William G. Ross and Vee K. Ross, Trustees of the William G. Ross and Vee K. Ross Living Trust UTA dated March 9, 1990 – 0.01250000, Carol Sue Mhoon – 0.01250000, Marathon Oil Permian, LLC – 0.00937500, Ergodic Resources, LLC – 0.00096146, Abuelo, LLC – 0.00096146, Silverhair, LLC – 0.00096146, Loco Hills Production Company, LLC – 0.00096146, Magnum Hunter Production, Inc. – 0.00064054

Name of Working Interest Owners:

Colgate Production, LLC – 0.77275238, Northern Oil & Gas, Inc. – 0.09714120, Myrlene Mannschreck Dillon – 0.02343750, Geoffrey Lanceley – 0.00008033, Wildcat Energy, LLC – 0.00279387, Hodge Natural Gas Gathering, Inc. – 0.00039960, Robert G. Ettleson – 0.00039960, William L. Hilliard – 0.00079910, Mary L. Kline – 0.00039970, Heirs or Devisees of John R. Kline – 0.00139860, Gerald L. Michaud – 0.00079910, Ted J. Werts – 0.00039960, Intrepid Energy, Inc. – 0.01928035, Douglas C. Cranmer and Russell B. Cranmer, Trustees of the Russell E. Cranmer Irrevocable Trust dated December 28, 1992 – 0.00119880, Bill Ferguson – 0.00319680, Robert H. Kriebel – 0.00139850, Sombrero Associates – 0.00089930, Nelson & Co., for the benefit of John D. Wile Marital Trust – 0.00059940, Magnum Hunter Production, Inc. – 0.03173252, John C. Rocovich – 0.00140625, Paul and Zofia Umbarger – 0.00712969, J.W. Davis – 0.01343671, Current Trustee under Declaration of Trust dated August 28, executed by Alice G. Davis – 0.01343672, Galkay, a Joint Venture – 0.00466172, James Kenneth Garrett – 0.00020567, Joyce Eline Garrett - .00020567, Donna Marie Studer, Administrator of the Estate of Genevieve Studer – 0.00010283, Carl Joseph Garrett, Executor of the Estate of Jasper Ben Garrett, Jr. – 0.00010283, Connie Gale Becker – 0.00010283, Ginger Lee Meyers – 0.00010283

TRACT NO. 5

Lease Serial Number: NMNM 0428657
Lease Date: July 17, 1963, effective September 1, 1963
Lease Term: 10 years, subsequently extended for 2 years
Lessor: United States of America
Original Lessee: T.A. Fraser and J. Mack Barnes
Current Lessee of Record: ZPZ Delaware I LLC, Northern Oil & Gas, Inc., CM Resources, LLC, Colgate Production, LLC

Description of Land Committed: N/2S/2 of Section 33, T19S-R28E, Eddy County, New Mexico

Number of Acres: 160
Royalty Rate: 12.5%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.06337572, Brian Eamer – 0.00029297, Carol Sue Mhoon – 0.01250000, Moser Revocable Trust – 0.00117188, Charles L. Johnson – 0.00019531, Erin Eamer – 0.00029297, Flatrock Royalties LLC – 0.00014648, Lori Lynn Johnson Nelson – 0.00019531, Michael O. Johnson – 0.00019531, Mongoose Minerals, LLC – 0.01735163, Nestegg Energy Corp. – 0.00291000, William G. & Vee K. Ross Living Trust UTA dated 3/9/1990 – 0.012500000

Name of Working Interest Owners: Colgate Production, LLC – 0.43120148, Heirs of Carroll T. Hutchens, Sr. – 0.00781250, Teryl D. Meyers – 0.00024568, COG Operating, LLC – 0.24687500, James W. Bowen – 0.00781250, Edward J. Brown – 0.00781250, JCJ Investments, LLC – 0.00454710, Vernon Burfiend – 0.00390625, Margaret Andrews Avery – 0.00036851, Margaret A. McCloud & Thomas D. McCloud, Trustees of the Robert N. Avery Family Trust – 0.00036851, Virginia B. Dean – 0.00012284, Virginia B. Dean, Clinton H. Dean Jr., Michael Charles Dean & Robert Russell Dean, Trustees of the Virginia B. Dean Marital Deduction Trust – 0.00012284, Clinton H. Dean, Jr. – 0.00016378, Michael C. Dean – 0.00016378, Robert R. Dean – 0.00016378, The Egbert Living Trust dated April 1, 2005 – 0.01599351, Shirley Ann Egbert – 0.00396767, Claudia Baker – 0.00238060, Wilfred E. Blessing & Victor F. Bogard, Co-Trustees of Trust A u/w/o Galen S. Egbert f/b/o Brian Galen Egbert – 0.00119030, Wilfred E. Blessing & Victor F. Bogard, Co-Trustees of Trust B u/w/o Galen S. Egbert f/b/o

the grandchildren of Galen S. Egbert –
0.00039677, Dorsar Investment Company –
0.00036851, Martin T. Hart – 0.00024568, Edna
Louise Miller – 0.00024568, Virginia D. Kriz-
Neessen – 0.00024568, John T. Olive –
0.00024568, John A. Ponsford – 0.00024568,
Sarador, a partnership – 0.00024568, Richard J.
Vance & Lorraine Vance – 0.00024567, Homer L.
Wedig – 0.00012284, James M. Welch –
0.00012284, Becky Ruth Welch – 0.00032552,
Bryan Winston Welch – 0.00032552, Stacy Ann
Welch Green – 0.00032552, Gene Wood Joint
Venture Account – 0.00094585, 5 J's Plus L, Inc.
– 0.00781250, Charles Eugene Cooper & DeAnn
Hutson, Co-Trustees of the Charles Eugene
Cooper Trust – 0.00781250, James W. Doak, Jr. –
0.00781250, Joyce Ann Hansen – 0.00488281,
Hans Eric Hansen – 0.00097656, Gregory Martin
Hansen – 0.00097656, Nicole Williams –
0.00048828, Michelle Rank – 0.00048828, Byrl
W. Harris – 0.00781250, International Petroleum
Corp. – 0.00390625, Tularosa Oil Company –
0.00195313, Togiak Resources, LLC –
0.00195312, Peggy Runyan – 0.01562500,
Cheron Oil & Gas Co., Inc. – 0.00634766, Pregler
Oil Co, LLC – 0.00146484, Malcolm G. MacNeill
– 0.01562500, B and H Royalty Company –
0.00390625, Richard Pruett – 0.00781250, Adene
L. Sealy – 0.00390625, Stanley F. Smith –
0.00390625, Krista Alicen Stephenson, Trustee of
the Krista Alicen Stephenson Trust – 0.00390625,
Abbejane Masterson Bates – 0.00390625, John G.
Willy – 0.00390625

RECAPITULATION

<u>Tract No.</u>	<u>No. of Acres Committed</u>	<u>Percentage of Interest in Communitized Area</u>
1	40.00	12.5%
2	40.00	12.5%
3	40.00	12.5%
4	40.00	12.5%
5	160.00	50.0%
Total	320.00	100.00%

Federal Communitization Agreement

Contract No. _____

THIS AGREEMENT entered into as of the 1st day of October, 2020, by and between the parties subscribing, ratifying, or consenting hereto, such parties being hereinafter referred to as "parties hereto."

WITNESSETH:

WHEREAS, the Act of February 25, 1920 (41 Stat. 437), as amended and supplemented, authorizes communitization or drilling agreements communitizing or pooling a Federal oil and gas lease, or any portion thereof, with other lands, whether or not owned by the United States, when separate tracts under such Federal lease cannot be independently developed and operated in conformity with an established well-spacing program for the field or area and such communitization or pooling is determined to be in the public interest; and

WHEREAS, the parties hereto own working, royalty or other leasehold interests, or operating rights under the oil and gas leases and lands subject to this agreement which cannot be independently developed and operated in conformity with the well-spacing program established for the field or area in which said lands are located; and

WHEREAS, the parties hereto desire to communitize and pool their respective mineral interests in lands subject to this agreement for the purpose of developing and producing communitized substances in accordance with the terms and conditions of this agreement:

NOW, THEREFORE, in consideration of the premises and the mutual advantages to the parties hereto, it is mutually covenanted and agreed by and between the parties hereto as follows:

1. The lands covered by this agreement (hereinafter referred to as "communitized area") are described as follows:

Township 19 South, Range 28 East:

Section 33: S/2S/2

Section 34: S/2S/2

Eddy County, New Mexico

Containing **320.0** acres, and this agreement shall include only the Bone Spring formation underlying said lands and the associated gaseous hydrocarbons hereafter referred to as "communitized substances," producible from such formation.

2. Attached hereto, and made a part of this agreement for all purposes is Exhibit "A", a plat designating the communitized area and, Exhibit "B", designating the operator of the communitized area and showing the acreage, percentage and ownership of oil and gas interests in all lands within the communitized area, and the authorization, if any, for communitizing or pooling any patented or fee lands within the communitized area.

3. The Operator of the communitized area shall be Colgate Operating, LLC, whose address is 300 N. Marienfeld Street, Suite 1000, Midland, Texas 79701. All matters of operations shall be governed by the operator under and pursuant to the terms and provisions of this agreement. A successor operator maybe designated by the owners of the working interest in the communitized area and four (4) executed copies of a designation of successor operator shall be filed with the Authorized Officer.
4. Operator shall furnish the Secretary of the Interior, or his authorized representative, with a log and history of any well drilled on the communitized area, monthly reports of operations, statements of oil and gas sales and royalties and such other reports as are deemed necessary to compute monthly the royalty due the United States, as specified in the applicable oil and gas operating regulations.
5. The communitized area shall be developed and operated as an entirety, with the understanding and agreement between the parties hereto that all communitized substances produced there from shall be allocated among the leaseholds comprising said area in the proportion that the acreage interest of each leasehold bears to the entire acreage interest committed to this agreement.

If the communitized area approved in this Agreement contains unleased Federal lands, the value of $1/8^{\text{th}}$ or $12 \frac{1}{2}$ percent for the Federal lands, of the production that would be allocated to such Federal lands, described above, if such lands were leased, committed and entitled to participation, shall be payable as compensatory royalties to the Federal government. The remaining $7/8^{\text{th}}$ should be placed into an escrow account set up by the operator. Parties to the Agreement holding working interest in committed leases within the applicable communitized area are responsible for such royalty payments on the volume of the production reallocated from the unleased Federal lands to their communitized tracts as set forth in Exhibit "B" attached hereto. The value of such production subject to the payment of said royalties shall be determined pursuant to the method set forth in 30 CFR Part 1206 for the unleased Federal lands. Payment of compensatory royalties on the production reallocated from the unleased Federal lands to the committed tracts within the communitized area shall fulfill the Federal royalty obligation for such production. Payment of compensatory royalties, as provided herein, shall accrue

from the date the committed tracts in the communitized area that includes unleased Federal land receive a production allocation, and shall be due and payable by the last day of the calendar month next following the calendar month of actual production. Payment due under this provision shall end when the Federal tract is leased or when production of communitized substances ceases within the communitized area and the Communitization Agreement is terminated, whichever occurs first.

Any party acquiring a Federal lease of the unleased Federal lands included in the communitized area established hereunder, will be subject to this Agreement as of the effective date of the Federal leases to said party (ies). Upon issuance of the Federal lease and payment of its proportionate cost of the well, including drilling, completing and equipping the well, the acquiring party (ies) shall own the working interest described in the Tract, as described on Exhibit "B", and shall have the rights and obligations of said working interest as to the effective date of the Federal Lease.

6. The royalties payable on communitized substances allocated to the individual leases comprising the communitized area and the rentals provided for in said leases shall be determined and paid on the basis prescribed in each of the individual leases. Payments of rentals under the terms of leases subject to this agreement shall not be affected by this agreement except as provided for under the terms and provisions of said leases or as may herein be otherwise provided. Except as herein modified and changed, the oil and gas leases subject to this agreement shall remain in full force and effect as originally made and issued. It is agreed that for any Federal lease bearing a sliding- or step-scale rate of royalty, such rate shall be determined separately as to production from each communitization agreement to which such lease may be committed, and separately as to any noncommunitized lease production, provided, however, as to leases where the rate of royalty for gas is based on total lease production per day, such rate shall be determined by the sum of all communitized production allocated to such a lease plus any noncommunitized lease production.
7. There shall be no obligation on the lessees to offset any well or wells completed in the same formation as covered by this agreement on separate component tracts into which the communitized area is now or may hereafter be divided, nor shall any lessee be required to measure separately communitized substances by reason of the diverse ownership thereof, but the lessees hereto shall not be released from their obligation to protect said communitized area from drainage of communitized substances by a well or wells which may be drilled offsetting said area.
8. The commencement, completion, continued operation, or production of a well or wells for communitized substances on the communitized area shall be construed and considered as the commencement, completion, continued operation, or production on each and all of the lands within and comprising said communitized

area, and operations or production pursuant to this agreement shall be deemed to be operations or production as to each lease committed hereto.

9. Production of communitized substances and disposal thereof shall be in conformity with allocation, allotments, and quotas made or fixed by any duly authorized person or regulatory body under applicable Federal or State statutes. This agreement shall be subject to all applicable Federal and State laws or executive orders, rules and regulations, and no party hereto shall suffer a forfeiture or be liable in damages for failure to comply with any of the provisions of this agreement if such compliance is prevented by, or if such failure results from, compliance with any such laws, orders, rules or regulations.
10. The date of this agreement is October 1, 2020, and it shall become effective as of this date or from the onset of production of communitized substances, whichever is earlier upon execution by the necessary parties, notwithstanding the date of execution, and upon approval by the Secretary of the Interior or by his duly authorized representative, and shall remain in force and effect for a period of 2 years and for as long as communitized substances are, or can be, produced from the communitized area in paying quantities: Provided, that prior to production in paying quantities from the communitized area and upon fulfillment of all requirements of the Secretary of the Interior, or his duly authorized representative, with respect to any dry hole or abandoned well, this agreement may be terminated at any time by mutual agreement of the parties hereto. This agreement shall not terminate upon cessation of production if, within 60 days thereafter, reworking or drilling operations on the communitized area are commenced and are thereafter conducted with reasonable diligence during the period of nonproduction. The 2-year term of this agreement will not in itself serve to extend the term of any Federal lease which would otherwise expire during said period.
11. The covenants herein shall be construed to be covenants running with the land with respect to the communitized interests of the parties hereto and their successors in interests until this agreement terminates and any grant, transfer, or conveyance of any such land or interest subject hereto, whether voluntary or not, shall be and hereby is conditioned upon the assumption of all obligations hereunder by the grantee, transferee, or other successor in interest, and as to Federal land shall be subject to approval by the Secretary of the Interior, or his duly authorized representative.
12. It is agreed between the parties hereto that the Secretary of the Interior, or his duly authorized representative, shall have the right of supervision over all Fee and State mineral operations within the communitized area to the extent necessary to monitor production and measurement, and assure that no avoidable loss of hydrocarbons occur in which the United States has an interest pursuant to applicable oil and gas regulations of the Department of the Interior relating to such production and measurement.

- IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the day and year first above written and have set opposite their respective names the date of execution.

By: _____
Brandon Gaynor, Sr. Vice President of Land

STATE OF TEXAS)
) ss.
COUNTY OF MIDLAND)

My commission expires

Title: Senior Vice President

My commission expires

My commission expires

Title: Senior Vice President

My commission expires

My commission expires

EXHIBIT "A"

Plat of communitized area covering **320.0** acres in Township 19 South, Range 28 East, S/2S/2 of Section 33 and the S/2S/2 of Section 34, Eddy County, New Mexico, as written in Section 1 above.

Well Name/No.

DAWSON 34 FED COM #124H
DAWSON 34 FED COM #134H

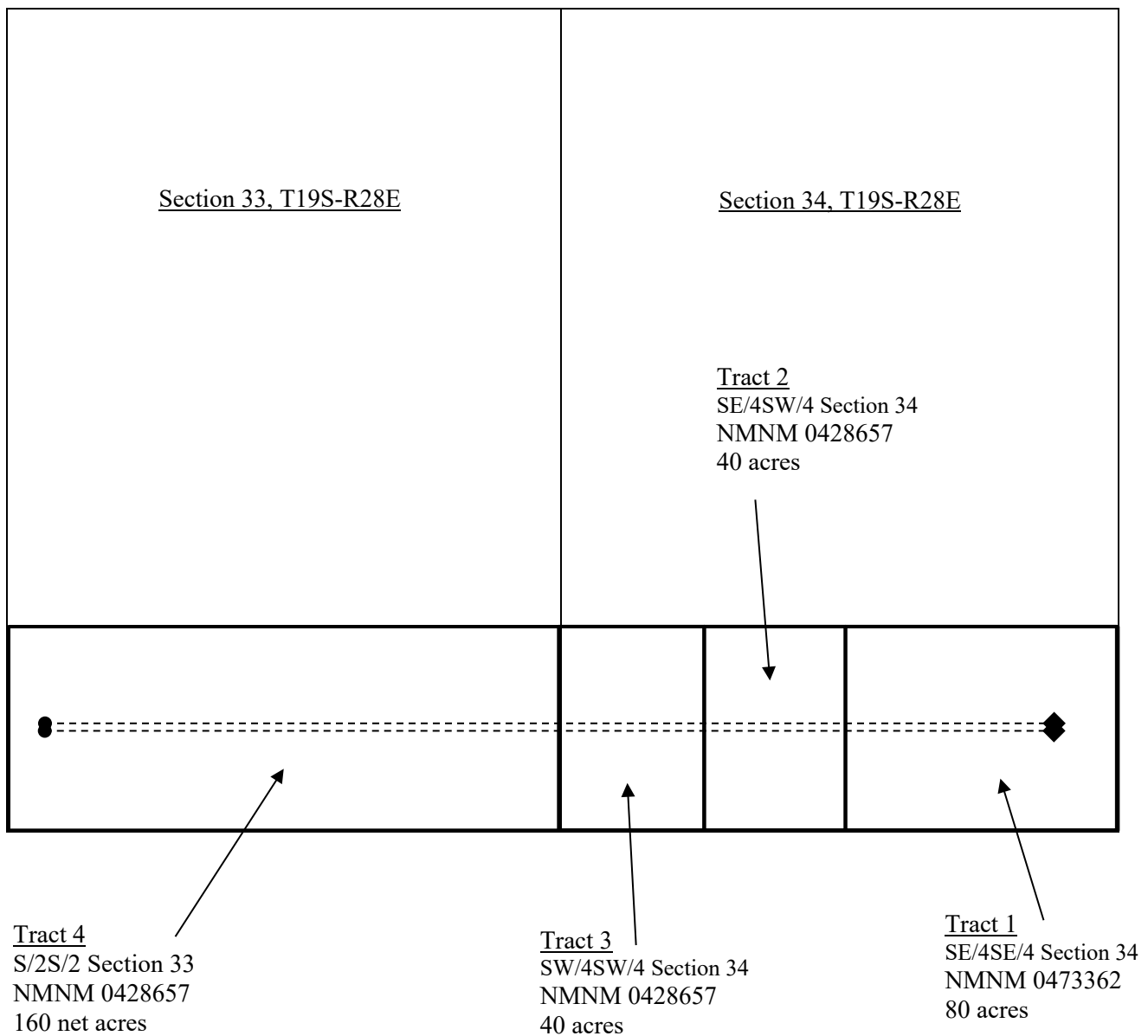


EXHIBIT "B"

To Communitization Agreement Dated October 1, 2020, embracing the following described land in Township 19 South, Range 28 East, S/2S/2 of Section 33 and S/2S/2 of Section 34, Eddy County, New Mexico, as written in Section 1 above.

Operator of Communitized Area:

COLGATE OPERATING, LLC

DESCRIPTION OF LEASES COMMITTED

TRACT NO. 1

Lease Serial Number:	NMNM 0473362
Lease Date:	Effective January 1, 1964
Lease Term:	10 years, subsequently extended for 2 years
Lessor:	United States of America
Original Lessee:	George A. Lauck
Current Lessee of Record:	D.W. Underwood and J.C. Williamson
Description of Land Committed:	SE/4SE/4 of Section 34, T19S-R28E, Eddy County, New Mexico
Number of Acres:	80
Royalty Rate:	12.5%
Name and Percent ORRI Owners:	Colgate Royalties, LP – 0.06027778, Mountain Lion Oil & Gas – 0.00500000, Frank J. Pisor – 0.00125000, Heirs of George A Lauk & Molly Lauk – 0.00937500, Mark and Paula McClellan – 0.000625000, Ross and Kandace McClellan – 0.000625000, Etheredge Revocable Living Trust dtd 11/4/1997 – 0.00347222, Marshall & Winston, Inc. – 0.028125000, Greenville Partners – 0.00937500, Kevin Hammitt – 0.00468750, James A. Lawson – 0.00468750
Name of Working Interest Owners:	Colgate Production, LLC - 0.85544306, Northern Oil & Gas, Inc. – 0.02570714, C5 Capital Management, LLC – 0.00520833, HCH Investment, LLC – 0.00520833, Catherine E. Huffman – 0.00520833, Elizabeth Tullis Dillard – 0.06250000, Myrlene Mannschreck Dillon – 0.03125000, KMT Energy Holdings LLC – 0.00377250, Geoffrey Lancely – 0.00010778, Douglas Cranmer – 0.00053280, Russell Cranmer – 0.00053280, Douglas C. Cranmer and Russell B. Cranmer, Trustees of the Russell E. Cranmer Irrevocable Trust dtd December 28, 1992 – 0.00053280, Katherine Ferguson – 0.00213120, Robert G. Ettleson – 0.00053280, Mary Kline – 0.00053280, Sombrero Associates – 0.00079933

TRACT NO. 2

Lease Serial Number: NMNM 0428657
Lease Date: July 17, 1963, effective September 1, 1963
Lease Term: 10 years, subsequently extended for 2 years
Lessor: United States of America
Original Lessee: T. A. Fraser and J. Mack Barnes
Current Lessee of Record: ZPZ Delaware I LLC, Northern Oil & Gas, Inc., CM Resources, LLC, Colgate Production, LLC

Description of Land Committed: SE/4SW/4 of Section 34, T19S-R28E, Eddy County, New Mexico

Number of Acres: 40
Royalty Rate: 12.5%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.077045841, CM Royalties, LLC – 0.00937500, Abuelo, LLC – 0.00096146, Carol Sue Mhoon – 0.01250000, Ergodic Resources LLC - .00096146, Loco Hill Production Company, LLC – 0.00096146, Magnum Hunter Production, Inc. – 0.00070159, Silverhair, LLC – 0.00096146, William G. Ross and Vee K. Ross, Trustees of the William G. Ross and Vee K. Ross Living Trust UTA dated March 9, 1990 – 0.01250000

Name of Working Interest Owners: Colgate Production, LLC - 0.64775238, Northern Oil & Gas, Inc. – 0.22214120, Myrlene Mannschreck Dillon - 0.02343750, Geoffrey Lanceley - 0.00008033, Wildcat Energy, LLC - 0.00279387, Hodge Natural Gas Gathering, Inc. - 0.00039960, Robert G. Ettleson – 0.00039960, William L. Hilliard – 0.00079910, Mary L. Kline – 0.00039970, Heirs or Devisees of John R. Kline – 0.00139860, Gerald L. Michaud – 0.00079910, Ted J. Werts – 0.00039960, Intrepid Energy, Inc. – 0.01928035, Douglas C. Cranmer and Russell B. Cranmer, Trustees of the Russell E. Cranmer Irrevocable Trust dated December 28, 1992 – 0.00119880, Bill Ferguson – 0.00319680, Robert H. Krieble – 0.00139850, Sombrero Associates – 0.00089930, Nelson & Co., for the benefit of John D. Wile Marital Trust – 0.00059940, Magnum Hunter Production, Inc. – 0.03173252, John C. Rocovich – 0.00140625, Paul & Zofia Umbarger – 0.00712969, J.W. Davis – 0.01343671, Current Trustee under Declaration of Trust dated August 28, 1982, executed by Alice G. Davis – 0.01343672, Galkay, a Joint Venture – 0.00466172, James Kenneth Garrett – 0.00020567, Joyce Eline Garrett – 0.00020567, Donna Marie Studer, Administrator, Estate of

Genevieve Studer - 0.00010283, Carl Joseph Garrett, Executor, Estate of Jasper Ben Garrett, Jr. – 0.00010283, Connie Gale Becker – 0.00010283, Ginger Lee Meyers – 0.00010283

TRACT NO. 3

Lease Serial Number:	NMNM 0428657
Lease Date:	July 17, 1963, effective September 1, 1963
Lease Term:	10 years, subsequently extended for 2 years
Lessor:	United States of America
Original Lessee:	T.A. Fraser and J. Mack Barnes
Current Lessee of Record:	ZPZ Delaware I LLC, Northern Oil & Gas, Inc., CM Resources, LLC, Colgate Production, LLC
Description of Land Committed:	SW/4SW/4 of Section 34, T19S-R28E, Eddy County, New Mexico
Number of Acres:	40
Royalty Rate:	12.5%
Name and Percent ORRI Owners:	Colgate Royalties, LP – 0.07751770, William G. Ross and Vee K. Ross, Trustees of the William G. Ross and Vee K. Ross Living Trust UTA dated March 9, 1990 – 0.01250000, Carol Sue Mhoon – 0.01250000, Marathon Oil Permian, LLC – 0.00937500, Ergodic Resources, LLC – 0.00096146, Abuelo, LLC – 0.00096146, Silverhair, LLC – 0.00096146, Loco Hills Production Company, LLC – 0.00096146, Magnum Hunter Production, Inc. – 0.00064054
Name of Working Interest Owners:	Colgate Production, LLC – 0.77275238, Northern Oil & Gas, Inc. – 0.09714120, Myrlene Mannschreck Dillon – 0.02343750, Geoffrey Lanceley – 0.00008033, Wildcat Energy, LLC – 0.00279387, Hodge Natural Gas Gathering, Inc. – 0.00039960, Robert G. Ettleson – 0.00039960, William L. Hilliard – 0.00079910, Mary L. Kline – 0.00039970, Heirs or Devisees of John R. Kline – 0.00139860, Gerald L. Michaud – 0.00079910, Ted J. Werts – 0.00039960, Intrepid Energy, Inc. – 0.01928035, Douglas C. Cranmer and Russell B. Cranmer, Trustees of the Russell E. Cranmer Irrevocable Trust dated December 28, 1992 – 0.00119880, Bill Ferguson – 0.00319680, Robert H. Krieble – 0.00139850, Sombrero Associates – 0.00089930, Nelson & Co., for the benefit of John D. Wile Marital Trust – 0.00059940, Magnum Hunter Production, Inc. – 0.03173252, John C. Rocovich – 0.00140625, Paul and Zofia

Umbarger – 0.00712969, J.W. Davis –
0.01343671, Current Trustee under Declaration of
Trust dated August 28, executed by Alice G.
Davis – 0.01343672, Galkay, a Joint Venture –
0.00466172, James Kenneth Garrett – 0.00020567

TRACT NO. 4

Lease Serial Number: NMNM 0428657
Lease Date: July 17, 1963, effective September 1, 1963
Lease Term: 10 years, subsequently extended for 2 years
Lessor: United States of America
Original Lessee: T.A. Fraser and J. Mack Barnes
Current Lessee of Record: ZPZ Delaware I LLC, Northern Oil & Gas,
Inc., CM Resources, LLC, Colgate Production,
LLC

Description of Land Committed: S/2S/2 of Section 33, T19S-R28E, Eddy
County, New Mexico

Number of Acres: 160
Royalty Rate: 12.5%
Name and Percent ORRI Owners: Colgate Royalties, LLC – 0.06337573, Brian
Eamer – 0.00029297, Carol Sue Mhoon –
0.01250000, Moser Revocable Trust – 0.00117188,
Charles L. Johnson – 0.00019531, Erin Eamer –
0.00029297, Flatrock Royalties LLC –
0.00014648, Lori Lynn Johnson Nelson –
0.00019531, Michael O. Johnson – 0.00019531,
Mongoose Minerals, LLC – 0.01735163, Nestegg
Energy Corp. – 0.00291000, William G. & Vee K.
Ross Living Trust UTA dated 3/9/1990 –
0.012500000

Name of Working Interest Owners: Colgate Production, LLC – 0.43120148, Heirs of
Carroll T. Hutchens, Sr. – 0.00781250, Teryl D.
Meyers – 0.00024568, COG Operating, LLC –
0.24687500, James W. Bowen – 0.00781250,
Edward J. Brown – 0.00781250, JCJ Investments,
LLC – 0.00454710, Vernon Burfiend –
0.00390625, Margaret Andrews Avery –
0.00036851, Margaret A. McCloud & Thomas D.
McCloud, Trustees of the Robert N. Avery Family
Trust – 0.00036851, Virginia B. Dean –
0.00012284, Virginia B. Dean, Clinton H. Dean
Jr., Michael Charles Dean & Robert Russell
Dean, Trustees of the Virginia B. Dean Marital
Deduction Trust – 0.00012284, Clinton H. Dean,
Jr. – 0.00016378, Michael C. Dean – 0.00016378,
Robert R. Dean – 0.00016378, The Egbert Living
Trust dated April 1, 2005 – 0.01599351, Shirley
Ann Egbert – 0.00396767, Claudia Baker –
0.00238060, Wilfred E. Blessing & Victor F.

Bogard, Co-Trustees of Trust A u/w/o Galen S. Egbert f/b/o Brian Galen Egbert – 0.00119030, Wilfred E. Blessing & Victor F. Bogard, Co-Trustees of Trust B u/w/o Galen S. Egbert f/b/o the grandchildren of Galen S. Egbert – 0.00039677, Dorsar Investment Company – 0.00036851, Martin T. Hart – 0.00024568, Edna Louise Miller – 0.00024568, Virginia D. Kriz-Neessen – 0.00024568, John T. Olive – 0.00024568, John A. Ponsford – 0.00024568, Sarador, a partnership – 0.00024568, Richard J. Vance & Lorraine Vance – 0.00024567, Homer L. Wedig – 0.00012284, James M. Welch – 0.00012284, Becky Ruth Welch – 0.00032552, Bryan Winston Welch – 0.00032552, Stacy Ann Welch Green – 0.00032552, Gene Wood Joint Venture Account – 0.00094585, 5 J's Plus L, Inc. – 0.00781250, Charles Eugene Cooper & DeAnn Hutson, Co-Trustees of the Charles Eugene Cooper Trust – 0.00781250, James W. Doak, Jr. – 0.00781250, Joyce Ann Hansen – 0.00488281, Hans Eric Hansen – 0.00097656, Gregory Martin Hansen – 0.00097656, Nicole Williams – 0.00048828, Michelle Rank – 0.00048828, Byrl W. Harris – 0.00781250, International Petroleum Corp. – 0.00390625, Tularosa Oil Company – 0.00195313, Togiak Resources, LLC – 0.00195312, Peggy Runyan – 0.01562500, Cheron Oil & Gas Co., Inc. – 0.00634766, Pregler Oil Co, LLC – 0.00146484, Malcolm G. MacNeill – 0.01562500, B and H Royalty Company – 0.00390625, Richard Pruett – 0.00781250, Adene L. Sealy – 0.00390625, Stanley F. Smith – 0.00390625, Krista Alicen Stephenson, Trustee of the Krista Alicen Stephenson Trust – 0.00390625, Abbejane Masterson Bates – 0.00390625, John G. Willy – 0.00390625

RECAPITULATION

<u>Tract No.</u>	<u>No. of Acres Committed</u>	<u>Percentage of Interest in Communitized Area</u>
1	80.00	25.00%
2	40.00	12.50%
3	40.00	12.50%
4	160.00	50.00%
Total	320.00	100.00%

Federal Communitization Agreement

Contract No. _____

THIS AGREEMENT entered into as of the 1st day of June, 2020, by and between the parties subscribing, ratifying, or consenting hereto, such parties being hereinafter referred to as "parties hereto."

WITNESSETH:

WHEREAS, the Act of February 25, 1920 (41 Stat. 437), as amended and supplemented, authorizes communitization or drilling agreements communitizing or pooling a Federal oil and gas lease, or any portion thereof, with other lands, whether or not owned by the United States, when separate tracts under such Federal lease cannot be independently developed and operated in conformity with an established well-spacing program for the field or area and such communitization or pooling is determined to be in the public interest; and

WHEREAS, the parties hereto own working, royalty or other leasehold interests, or operating rights under the oil and gas leases and lands subject to this agreement which cannot be independently developed and operated in conformity with the well-spacing program established for the field or area in which said lands are located; and

WHEREAS, the parties hereto desire to communitize and pool their respective mineral interests in lands subject to this agreement for the purpose of developing and producing communitized substances in accordance with the terms and conditions of this agreement:

NOW, THEREFORE, in consideration of the premises and the mutual advantages to the parties hereto, it is mutually covenanted and agreed by and between the parties hereto as follows:

1. The lands covered by this agreement (hereinafter referred to as "communitized area") are described as follows:

Township 19 South, Range 28 East:

Section 33: N/2N/2

Section 34: N/2N/2

Eddy County, New Mexico

Containing **320.0** acres, and this agreement shall include only the Bone Spring formation underlying said lands and the associated gaseous hydrocarbons hereafter referred to as "communitized substances," producible from such formation.

2. Attached hereto, and made a part of this agreement for all purposes is Exhibit "A", a plat designating the communitized area and, Exhibit "B", designating the operator of the communitized area and showing the acreage, percentage and ownership of oil and gas interests in all lands within the communitized area, and the authorization, if any, for communitizing or pooling any patented or fee lands within the communitized area.

3. The Operator of the communitized area shall be Colgate Operating, LLC, whose address is 300 N. Marienfeld Street, Suite 1000, Midland, Texas 79701. All matters of operations shall be governed by the operator under and pursuant to the terms and provisions of this agreement. A successor operator maybe designated by the owners of the working interest in the communitized area and four (4) executed copies of a designation of successor operator shall be filed with the Authorized Officer.
4. Operator shall furnish the Secretary of the Interior, or his authorized representative, with a log and history of any well drilled on the communitized area, monthly reports of operations, statements of oil and gas sales and royalties and such other reports as are deemed necessary to compute monthly the royalty due the United States, as specified in the applicable oil and gas operating regulations.
5. The communitized area shall be developed and operated as an entirety, with the understanding and agreement between the parties hereto that all communitized substances produced there from shall be allocated among the leaseholds comprising said area in the proportion that the acreage interest of each leasehold bears to the entire acreage interest committed to this agreement.

If the communitized area approved in this Agreement contains unleased Federal lands, the value of $1/8^{\text{th}}$ or $12 \frac{1}{2}$ percent for the Federal lands, of the production that would be allocated to such Federal lands, described above, if such lands were leased, committed and entitled to participation, shall be payable as compensatory royalties to the Federal government. The remaining $7/8^{\text{th}}$ should be placed into an escrow account set up by the operator. Parties to the Agreement holding working interest in committed leases within the applicable communitized area are responsible for such royalty payments on the volume of the production reallocated from the unleased Federal lands to their communitized tracts as set forth in Exhibit "B" attached hereto. The value of such production subject to the payment of said royalties shall be determined pursuant to the method set forth in 30 CFR Part 1206 for the unleased Federal lands. Payment of compensatory royalties on the production reallocated from the unleased Federal lands to the committed tracts within the communitized area shall fulfill the Federal royalty obligation for such production. Payment of compensatory royalties, as provided herein, shall accrue

from the date the committed tracts in the communitized area that includes unleased Federal land receive a production allocation, and shall be due and payable by the last day of the calendar month next following the calendar month of actual production. Payment due under this provision shall end when the Federal tract is leased or when production of communitized substances ceases within the communitized area and the Communitization Agreement is terminated, whichever occurs first.

Any party acquiring a Federal lease of the unleased Federal lands included in the communitized area established hereunder, will be subject to this Agreement as of the effective date of the Federal leases to said party (ies). Upon issuance of the Federal lease and payment of its proportionate cost of the well, including drilling, completing and equipping the well, the acquiring party (ies) shall own the working interest described in the Tract, as described on Exhibit "B", and shall have the rights and obligations of said working interest as to the effective date of the Federal Lease.

6. The royalties payable on communitized substances allocated to the individual leases comprising the communitized area and the rentals provided for in said leases shall be determined and paid on the basis prescribed in each of the individual leases. Payments of rentals under the terms of leases subject to this agreement shall not be affected by this agreement except as provided for under the terms and provisions of said leases or as may herein be otherwise provided. Except as herein modified and changed, the oil and gas leases subject to this agreement shall remain in full force and effect as originally made and issued. It is agreed that for any Federal lease bearing a sliding- or step-scale rate of royalty, such rate shall be determined separately as to production from each communitization agreement to which such lease may be committed, and separately as to any noncommunitized lease production, provided, however, as to leases where the rate of royalty for gas is based on total lease production per day, such rate shall be determined by the sum of all communitized production allocated to such a lease plus any noncommunitized lease production.
7. There shall be no obligation on the lessees to offset any well or wells completed in the same formation as covered by this agreement on separate component tracts into which the communitized area is now or may hereafter be divided, nor shall any lessee be required to measure separately communitized substances by reason of the diverse ownership thereof, but the lessees hereto shall not be released from their obligation to protect said communitized area from drainage of communitized substances by a well or wells which may be drilled offsetting said area.
8. The commencement, completion, continued operation, or production of a well or wells for communitized substances on the communitized area shall be construed and considered as the commencement, completion, continued operation, or production on each and all of the lands within and comprising said communitized

- area, and operations or production pursuant to this agreement shall be deemed to be operations or production as to each lease committed hereto.
9. Production of communitized substances and disposal thereof shall be in conformity with allocation, allotments, and quotas made or fixed by any duly authorized person or regulatory body under applicable Federal or State statutes. This agreement shall be subject to all applicable Federal and State laws or executive orders, rules and regulations, and no party hereto shall suffer a forfeiture or be liable in damages for failure to comply with any of the provisions of this agreement if such compliance is prevented by, or if such failure results from, compliance with any such laws, orders, rules or regulations.
 10. The date of this agreement is June 1, 2020, and it shall become effective as of this date or from the onset of production of communitized substances, whichever is earlier upon execution by the necessary parties, notwithstanding the date of execution, and upon approval by the Secretary of the Interior or by his duly authorized representative, and shall remain in force and effect for a period of 2 years and for as long as communitized substances are, or can be, produced from the communitized area in paying quantities: Provided, that prior to production in paying quantities from the communitized area and upon fulfillment of all requirements of the Secretary of the Interior, or his duly authorized representative, with respect to any dry hole or abandoned well, this agreement may be terminated at any time by mutual agreement of the parties hereto. This agreement shall not terminate upon cessation of production if, within 60 days thereafter, reworking or drilling operations on the communitized area are commenced and are thereafter conducted with reasonable diligence during the period of nonproduction. The 2-year term of this agreement will not in itself serve to extend the term of any Federal lease which would otherwise expire during said period.
 11. The covenants herein shall be construed to be covenants running with the land with respect to the communitized interests of the parties hereto and their successors in interests until this agreement terminates and any grant, transfer, or conveyance of any such land or interest subject hereto, whether voluntary or not, shall be and hereby is conditioned upon the assumption of all obligations hereunder by the grantee, transferee, or other successor in interest, and as to Federal land shall be subject to approval by the Secretary of the Interior, or his duly authorized representative.
 12. It is agreed between the parties hereto that the Secretary of the Interior, or his duly authorized representative, shall have the right of supervision over all Fee and State mineral operations within the communitized area to the extent necessary to monitor production and measurement, and assure that no avoidable loss of hydrocarbons occur in which the United States has an interest pursuant to applicable oil and gas regulations of the Department of the Interior relating to such production and measurement.

- IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the day and year first above written and have set opposite their respective names the date of execution.

By: _____
Brandon Gaynor, Sr. Vice President of Land

STATE OF TEXAS)
) ss.
COUNTY OF MIDLAND)

My commission expires

Title: Senior Vice President

My commission expires

My commission expires

EXHIBIT "A"

Plat of communitized area covering **320.0** acres in Township 19 South, Range 28 East, N/2N/2 of Section 33 and the N/2N/2 of Section 34, Eddy County, New Mexico, as written in Section 1 above.

Well Name/No.

SHAMROCK 34 FED COM #121H
SHAMROCK 34 FED COM #131H

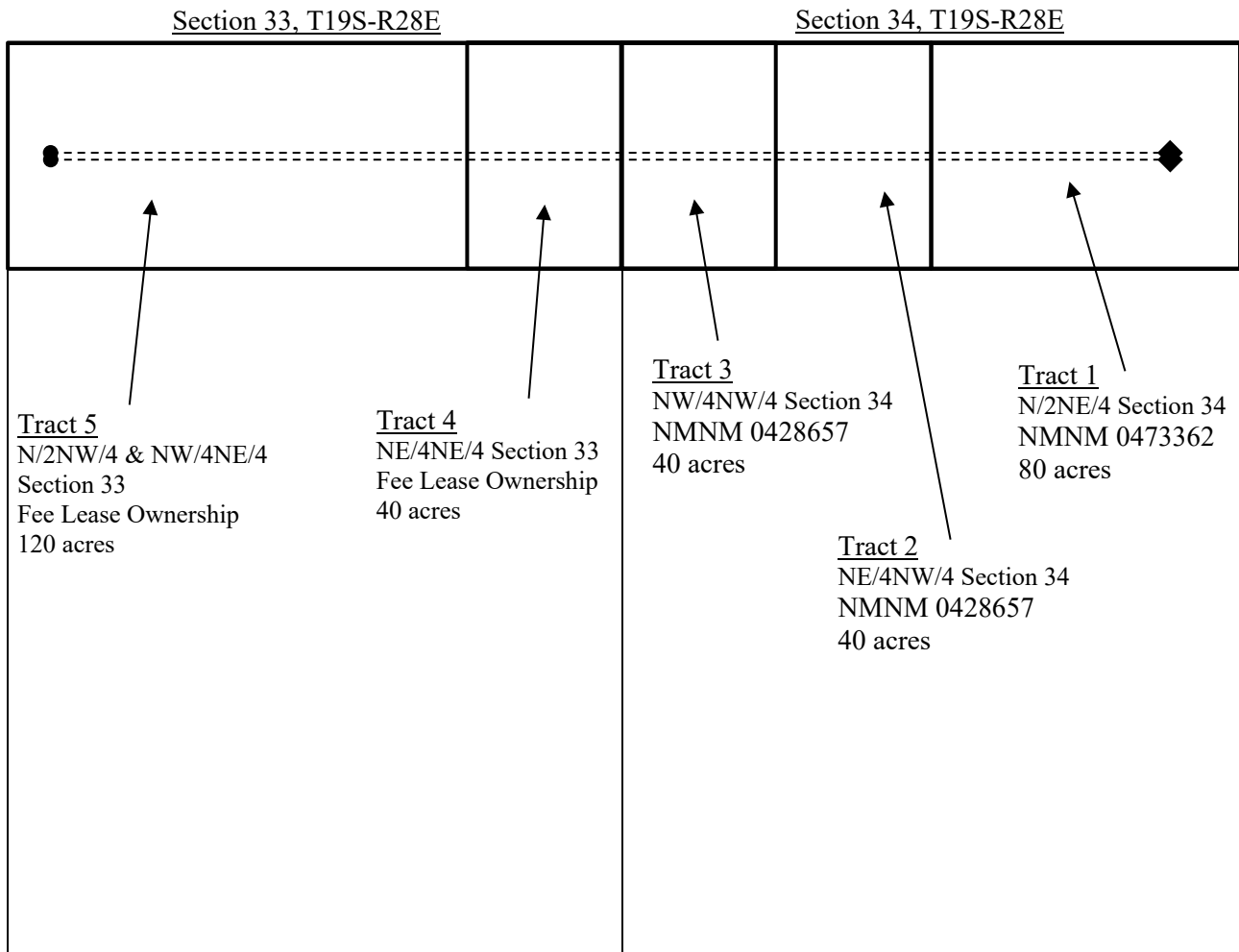


EXHIBIT "B"

To Communitization Agreement Dated June 1, 2020, embracing the following described land in Township 19 South, Range 28 East, N/2N/2 of Section 33 and N/2N/2 of Section 34, Eddy County, New Mexico, as written in Section 1 above.

Operator of Communitized Area:

COLGATE OPERATING, LLC

DESCRIPTION OF LEASES COMMITTED

TRACT NO. 1

Lease Serial Number:	NMMN 0473362
Lease Date:	Effective January 1, 1964
Lease Term:	10 years, subsequently extended for 2 years
Lessor:	United States of America
Original Lessee:	George A. Lauck
Current Lessee of Record:	D.W. Underwood and J.C. Williamson
Description of Land Committed:	N/2NE/4 of Section 34, T19S-R28E, Eddy County, New Mexico
Number of Acres:	80.0
Royalty Rate:	12.5%
Name and Percent ORRI Owners:	Colgate Royalties, LP – 0.06027778, Frank J. Pisor – 0.00125000, Heirs of George A Lauck & Molly Lauck – 0.00937500, Mark and Paula McClellan – 0.000625000, Ross and Kandace McClellan – 0.000625000, Etheredge Revocable Living Trust dtd 11/4/1997 – 0.00347222, Marshall & Winston, Inc. – 0.028125000, Greenville Partners – 0.00937500, Kevin Hammitt – 0.00468750, James A. Lawson – 0.00468750, Mountain Lion Oil & Gas – 0.00500000
Name of Working Interest Owners:	Colgate Production, LLC - 0.85544306, Northern Oil & Gas, Inc. – 0.02570714, C5 Capital Management, LLC – 0.00520833, HCH Investment, LLC – 0.00520833, Catherine E. Huffman – 0.00520833, Elizabeth Tullis Dillard – 0.06250000, Myrlene Mannschreck Dillon – 0.03125000, Duer Wagner, III - .00377250, Geoffrey Lancelly – 0.00010778, Douglas Cranmer – 0.00053280, Russell Cranmer – 0.00053280, Douglas C. Cranmer and Russell B. Cranmer, Trustees of the Russell E. Cranmer Irrevocable Trust dtd December 28, 1992 – 0.00053280, Katherine Ferguson – 0.00213120, Robert G. Ettleson – 0.00053280, Mary Kline – 0.00053280, Sombrero Associates – 0.00079933

TRACT NO. 2

Lease Serial Number: NMNM 0428657
Lease Date: July 17, 1963, effective September 1, 1963
Lease Term: 10 years, subsequently extended for 2 years
Lessor: United States of America
Original Lessee: T. A. Fraser and J. Mack Barnes
Current Lessee of Record: ZPZ Delaware I LLC, Northern Oil & Gas, Inc., CM Resources, LLC, Colgate Production, LLC

Description of Land Committed: NE/4NW/4 of Section 34, T19S-R28E, Eddy County, New Mexico
Number of Acres: 40.0
Royalty Rate: 12.5%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.07704584, CM Royalties, LLC – 0.00937500, Abuelo, LLC – 0.00096146, Carol Sue Mhoon – 0.01250000, Ergodic Resources LLC - .00096146, Loco Hill Production Company, LLC – 0.00096146, Magnum Hunter Production, Inc. – 0.00070159, Silverhair, LLC – 0.00096146, William G. Ross and Vee K. Ross, Trustees of the William G. Ross and Vee K. Ross Living Trust UTA dated March 9, 1990 – 0.01250000

Name of Working Interest Owners: Colgate Production, LLC - 0.64775238, Northern Oil & Gas, Inc. – 0.22214120, Myrlene Mannschreck Dillon - 0.02343750, Geoffrey Lanceley - 0.00008033, Wildcat Energy, LLC - 0.00279387, Hodge Natural Gas Gathering, Inc. - 0.00039960, Robert G. Ettleson – 0.00039960, William L. Hilliard – 0.00079910, Mary L. Kline – 0.00039970, Heirs or devisees of John R. Kline – 0.00139860, Gerald L. Michaud – 0.00079910, Ted J. Werts – 0.00039960, Intrepid Energy, Inc. – 0.01928035, Douglas C. Cranmer and Russell B. Cranmer, Trustees of the Russell E. Cranmer Irrevocable Trust dated December 28, 1992 – 0.00119880, Bill Ferguson – 0.00319680, Robert H. Kriebel – 0.00139850, Sombrero Associates – 0.00089930, Nelson & Co., for the benefit of John D. Wile Marital Trust – 0.00059940, Magnum Hunter Production, Inc. – 0.03173252, John C. Rocovich – 0.00140625, Paul & Zofia Umbarger – 0.00712969, J.W. Davis – 0.01343671, Current Trustee under Declaration of Trust dated August 28, 1982, executed by Alice G. Davis – 0.01343672, Galkay, a Joint Venture – 0.00466172, James Kenneth Garrett – 0.00020567, Joyce Eline Garrett – 0.00020567,

Donna Marie Studer, Administrator, Estate of Genevieve Studer - 0.00010283, Carl Joseph Garrett, Executor, Estate of Jasper Ben Garrett, Jr. - 0.00010283, Connie Gale Becker - 0.00010283, Ginger Lee Meyers - 0.00010283

TRACT NO. 3

Lease Serial Number:	NMNM 0428657
Lease Date:	July 17, 1963, effective September 1, 1963
Lease Term:	10 years, subsequently extended for 2 years
Lessor:	United States of America
Original Lessee:	T.A. Fraser and J. Mack Barnes
Current Lessee of Record:	ZPZ Delaware I LLC, Northern Oil & Gas, Inc., CM Resources, LLC, Colgate Production, LLC
Description of Land Committed:	NW/4NW/4 of Section 34, T19S-R28E, Eddy County, New Mexico
Number of Acres:	40
Royalty Rate:	12.5%
Name and Percent ORRI Owners:	Colgate Royalties, LP - 0.07751770, William G. Ross and Vee K. Ross, Trustees of the William G. Ross and Vee K. Ross Living Trust UTA dated March 9, 1990 - 0.01250000, Carol Sue Mhoon - 0.01250000, Marathon Oil Permian, LLC - 0.00937500, Ergodic Resources, LLC - 0.00096146, Abuelo, LLC - 0.00096146, Silverhair, LLC - 0.00096146, Loco Hills Production Company, LLC - 0.00096146, Magnum Hunter Production, Inc. - 0.00064054
Name of Working Interest Owners:	Colgate Production, LLC - 0.77275238, Northern Oil & Gas, Inc. - 0.09714120, Myrlene Mannschreck Dillon - 0.02343750, Geoffrey Lanceley - 0.00008033, Wildcat Energy, LLC - 0.00279387, Hodge Natural Gas Gathering, Inc. - 0.00039960, Robert G. Ettleson - 0.00039960, William L. Hilliard - 0.00079910, Mary L. Kline - 0.00039970, Heirs or Devisees of John R. Kline - 0.00139860, Gerald L. Michaud - 0.00079910, Ted J. Werts - 0.00039960, Intrepid Energy, Inc. - 0.01928035, Douglas C. Cranmer and Russell B. Cranmer, Trustees of the Russell E. Cranmer Irrevocable Trust dated December 28, 1992 - 0.00119880, Bill Ferguson - 0.00319680, Robert H. Krieble - 0.00139850, Sombrero Associates - 0.00089930, Nelson & Co., for the benefit of John D. Wile Marital Trust - 0.00059940, Magnum Hunter Production, Inc. - 0.03173252, John C. Rocovich - 0.00140625, Paul and Zofia Umbarger - 0.00712969,

J.W. Davis – 0.01343671, Current Trustee under Declaration of Trust dated August 28, executed by Alice G. Davis – 0.01343672, Galkay, a Joint Venture – 0.00466172, James Kenneth Garrett – 0.00020567, Joyce Eline Garrett - .00020567, Donna Marie Studer, Administrator of the Estate of Genevieve Studer – 0.00010283, Carl Joseph Garrett, Executor of the Estate of Jasper Ben Garrett, Jr. – 0.00010283, Connie Gale Becker – 0.00010283, Ginger Lee Meyers – 0.00010283

TRACT NO. 4

Fee Lease No. 1

Lease Serial Number:	N/A
Recordation Number:	Book 545, Page 1230
Lease Date:	March 15, 2004
Lease Term:	3 years
Lessor:	Lorraine R. Hudson
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	NE/4NE/4 of Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	10.0 acres
Royalty Rate:	20%
Name and Percent ORRI Owners:	Colgate Royalties, LP – 0.05000000
Name of Working Interest Owners:	Colgate Production, LLC – 1.00000000

Fee Lease No. 2

Lease Serial Number:	N/A
Recordation Number:	Book 560, Page 1093
Lease Date:	July 9, 2004
Lease Term:	3 years
Lessor:	Sharon O. Blackard, dealing with her separate property
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	NE/4NE/4 of Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	5.0 acres
Royalty Rate:	20%
Name and Percent ORRI Owners:	Colgate Production, LLC – 0.05000000
Name of Working Interest Owners:	Colgate Production, LLC – 1.00000000

Fee Lease No. 3

Lease Serial Number: N/A
Recordation Number: Book 560, Page 1095
Lease Date: July 9, 2004
Lease Term: 3 years
Lessor: William Wade Shipley, dealing with his separate property
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: NE/4NE/4 of Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 5.0 acres
Royalty Rate: 20%
Name and Percent ORRI Owners: Colgate Production, LLC – 0.05000000
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 4

Lease Serial Number: N/A
Recordation Number: Book 549, Page 340
Lease Date: April 8, 2004
Lease Term: 3 years
Lessor: Earl Ray Forehand and wife, Mary Lynn Forehand
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: NE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 5.0 acres
Royalty Rate: 18.75%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.05000000, Nile Operating Company – 0.00156250
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 5

Lease Serial Number: N/A
Recordation Number: Book 566, 1036
Lease Date: September 2, 2004
Lease Term: 2 years
Lessor: Stagner, LLC
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: NE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 5.0 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.05000000
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 6

Lease Serial Number: N/A
Recordation Number: Book 572, Page 230
Lease Date: September 16, 2004
Lease Term: 2 years
Lessor: Donna Gloyner
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: NE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 1.67 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.05000000
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 7

Lease Serial Number: N/A
Recordation Number: Book 572, Page 233
Lease Date: September 16, 2004
Lease Term: 2 years
Lessor: Mona Rosfeld
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: NE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 1.67 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.05000000
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 8

Lease Serial Number: N/A
Recordation Number: Book 572, Page 236
Lease Date: September 16, 2004
Lease Term: 2 years
Lessor: Mary Lou Morris
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: NE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 1.67 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.05000000
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 9

Lease Serial Number: N/A
Recordation Number: Book 572, Page 239
Lease Date: September 16, 2004
Lease Term: 2 years
Lessor: Janice Coley
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: NE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 1.67 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.05000000
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 10

Lease Serial Number: N/A
Recordation Number: Book 572, Page 242
Lease Date: September 16, 2004
Lease Term: 2 years
Lessor: Matthew L. Bynum
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: NE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.42 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.05000000
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 11

Lease Serial Number: N/A
Recordation Number: Book 573, Page 904
Lease Date: September 16, 2004
Lease Term: 2 years
Lessor: Grant Bynum
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: NE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.42 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.05000000
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 12

Lease Serial Number: N/A
Recordation Number: Book 576, Page 563
Lease Date: September 16, 2004
Lease Term: 2 years
Lessor: Stanley A. Bynum
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: NE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.42 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.05000000
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 13

Lease Serial Number: N/A
Recordation Number: Book 576, Page 566
Lease Date: September 16, 2004
Lease Term: 2 years
Lessor: Rachel Nagel
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: NE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.42 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.05000000
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 14

Lease Serial Number: N/A
Recordation Number: Book 572, Page 245
Lease Date: September 16, 2004
Lease Term: 2 years
Lessor: Roberta Nuss
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: NE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.83 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.05000000
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 15

Lease Serial Number: N/A
Recordation Number: Book 572, Page 248
Lease Date: September 16, 2004
Lease Term: 2 years
Lessor: Grace Geist
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: NE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.83 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.05000000
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

TRACT NO. 5**Fee Lease No. 1**

Lease Serial Number: N/A
Recordation Number: Book 569, Page 1229
Lease Date: March 15, 2004
Lease Term: 3 years
Lessor: Lorraine R. Hudson
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 20.0 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.02593750
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 2

Lease Serial Number: N/A
Recordation Number: Book 569, Page 1230
Lease Date: March 15, 2004
Lease Term: 3 years
Lessor: Lorraine R. Hudson
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 10.0 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.02593750
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 3

Lease Serial Number: N/A
Recordation Number: Book 560, Page 1093
Lease Date: July 9, 2004
Lease Term: 3 years
Lessor: Sharon O. Blackard
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 15.0 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.02593750
Name of Working Interest Owners: Colgate Production, LLC – 1.000000

Fee Lease No. 4

Lease Serial Number: N/A
Recordation Number: Book 560, Page 1095
Lease Date: July 9, 2004
Lease Term: 3 years
Lessor: William Wade Shipley
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 15.0 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.02593750
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 5

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1034
Lease Date: August 13, 2004
Lease Term: 2 years
Lessor: Henry C. Wunsch & wife, Mary Ann Wunsch
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.75 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.02593750
Name of Working Interest Owners: Colgate Production, LLC – 1.000000

Fee Lease No. 6

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1042
Lease Date: August 17, 2004
Lease Term: 2 years
Lessor: James R. Miller & wife, Mary Jane Miller
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.75 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.02593750
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 7

Lease Serial Number: N/A
Recordation Number: Book 573, Page 912
Lease Date: September 2, 2004
Lease Term: 2 years
Lessor: Fay Bernard
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.75 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.02593750
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 8

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1038
Lease Date: September 3, 2004
Lease Term: 2 years
Lessor: Harmon D. Greene & wife, Carolina R. Greene
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.75 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.00000000

Fee Lease No. 9

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1040
Lease Date: August 17, 2004
Lease Term: 2 years
Lessor: R.R. Hinkle Company, Inc.
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.75 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 10

Lease Serial Number: N/A
Recordation Number: Book 573, Page 910
Lease Date: October 22, 2004
Lease Term: 2 years
Lessor: Virginia Black, Independent Executrix u/w/o Dillard Lee Dorland
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 2.25 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 11

Lease Serial Number: N/A
Recordation Number: Book 578, Page 1161
Lease Date: October 22, 2004
Lease Term: 2 years
Lessor: Zonetta M. Dorland
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 2.25 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 12

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1044
Lease Date: August 27, 2004
Lease Term: 2 years
Lessor: Robert P. Byron & Jeannine Hooper Byron,
Trustees of the Robert & Jeannine Byron
Revocable Trust under Trust Agreement dated
June 18, 2003
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-
R28E, Eddy County, New Mexico
Number of Acres: 6.5 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 13

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1047
Lease Date: September 2, 2004
Lease Term: 2 years
Lessor: E.L. Latham Company
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-
R28E, Eddy County, New Mexico
Number of Acres: 8.75 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 14

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1050
Lease Date: September 2, 2004
Lease Term: 2 years
Lessor: Roy G. Barton, Jr.
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-
R28E, Eddy County, New Mexico
Number of Acres: 9.375
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 15

Lease Serial Number: N/A
Recordation Number: Book 569, Page 665
Lease Date: September 2, 2004
Lease Term: 2 years
Lessor: Brett C. Barton
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 2.333 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 16

Lease Serial Number: N/A
Recordation Number: Book 569, Page 669
Lease Date: September 2, 2004
Lease Term: 2 years
Lessor: Roy G. Barton, III
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 2.333 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 17

Lease Serial Number: N/A
Recordation Number: Book 573, Page 907
Lease Date: September 2, 2004
Lease Term: 2 years
Lessor: Heidi C. Burton
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 2.333 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 18

Lease Serial Number: N/A
Recordation Number: Book 569, Page 671
Lease Date: September 2, 2004
Lease Term: 2 years
Lessor: Norma Jane Chanley
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 9.375 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 19

Lease Serial Number: N/A
Recordation Number: Book 572, Page 783
Lease Date: September 30, 2004
Lease Term: 2 years
Lessor: Wells Fargo Bank, Texas, NA, Trustee for CBF A-1 and CBF A-2
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 10.0 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 20

Lease Serial Number: N/A
Recordation Number: Book 1146, Page 255
Lease Date: June 1, 2020
Lease Term: 3 years
Lessor: Colgate Minerals, LLC
Original Lessee: Colgate Production, LLC
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: N/2NW/4 and NW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.75 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

RECAPITULATION

<u>Tract No.</u>	<u>No. of Acres Committed</u>	<u>Percentage of Interest in Communitized Area</u>
1	80.0	25.0%
2	40.0	12.5%
3	40.0	12.5%
4	40.0	12.5%
5	120.0	37.5%
Total	320.0	100.0%

Federal Communitization Agreement

Contract No. _____

THIS AGREEMENT entered into as of the 1st day of June, 2020, by and between the parties subscribing, ratifying, or consenting hereto, such parties being hereinafter referred to as "parties hereto."

WITNESSETH:

WHEREAS, the Act of February 25, 1920 (41 Stat. 437), as amended and supplemented, authorizes communitization or drilling agreements communitizing or pooling a Federal oil and gas lease, or any portion thereof, with other lands, whether or not owned by the United States, when separate tracts under such Federal lease cannot be independently developed and operated in conformity with an established well-spacing program for the field or area and such communitization or pooling is determined to be in the public interest; and

WHEREAS, the parties hereto own working, royalty or other leasehold interests, or operating rights under the oil and gas leases and lands subject to this agreement which cannot be independently developed and operated in conformity with the well-spacing program established for the field or area in which said lands are located; and

WHEREAS, the parties hereto desire to communitize and pool their respective mineral interests in lands subject to this agreement for the purpose of developing and producing communitized substances in accordance with the terms and conditions of this agreement:

NOW, THEREFORE, in consideration of the premises and the mutual advantages to the parties hereto, it is mutually covenanted and agreed by and between the parties hereto as follows:

1. The lands covered by this agreement (hereinafter referred to as "communitized area") are described as follows:

Township 19 South, Range 28 East:

Section 33: S/2N/2

Section 34: S/2N/2

Eddy County, New Mexico

Containing **320.0** acres, and this agreement shall include only the Bone Spring formation underlying said lands and the associated gaseous hydrocarbons hereafter referred to as "communitized substances," producible from such formation.

2. Attached hereto, and made a part of this agreement for all purposes is Exhibit "A", a plat designating the communitized area and, Exhibit "B", designating the operator of the communitized area and showing the acreage, percentage and ownership of oil and gas interests in all lands within the communitized area, and the authorization, if any, for communitizing or pooling any patented or fee lands within the communitized area.

3. The Operator of the communitized area shall be Colgate Operating, LLC, whose address is 300 N. Marienfeld Street, Suite 1000, Midland, Texas 79701. All matters of operations shall be governed by the operator under and pursuant to the terms and provisions of this agreement. A successor operator maybe designated by the owners of the working interest in the communitized area and four (4) executed copies of a designation of successor operator shall be filed with the Authorized Officer.
4. Operator shall furnish the Secretary of the Interior, or his authorized representative, with a log and history of any well drilled on the communitized area, monthly reports of operations, statements of oil and gas sales and royalties and such other reports as are deemed necessary to compute monthly the royalty due the United States, as specified in the applicable oil and gas operating regulations.
5. The communitized area shall be developed and operated as an entirety, with the understanding and agreement between the parties hereto that all communitized substances produced there from shall be allocated among the leaseholds comprising said area in the proportion that the acreage interest of each leasehold bears to the entire acreage interest committed to this agreement.

If the communitized area approved in this Agreement contains unleased Federal lands, the value of $1/8^{\text{th}}$ or $12 \frac{1}{2}$ percent for the Federal lands, of the production that would be allocated to such Federal lands, described above, if such lands were leased, committed and entitled to participation, shall be payable as compensatory royalties to the Federal government. The remaining $7/8^{\text{th}}$ should be placed into an escrow account set up by the operator. Parties to the Agreement holding working interest in committed leases within the applicable communitized area are responsible for such royalty payments on the volume of the production reallocated from the unleased Federal lands to their communitized tracts as set forth in Exhibit "B" attached hereto. The value of such production subject to the payment of said royalties shall be determined pursuant to the method set forth in 30 CFR Part 1206 for the unleased Federal lands. Payment of compensatory royalties on the production reallocated from the unleased Federal lands to the committed tracts within the communitized area shall fulfill the Federal royalty obligation for such production. Payment of compensatory royalties, as provided herein, shall accrue

from the date the committed tracts in the communitized area that includes unleased Federal land receive a production allocation, and shall be due and payable by the last day of the calendar month next following the calendar month of actual production. Payment due under this provision shall end when the Federal tract is leased or when production of communitized substances ceases within the communitized area and the Communitization Agreement is terminated, whichever occurs first.

Any party acquiring a Federal lease of the unleased Federal lands included in the communitized area established hereunder, will be subject to this Agreement as of the effective date of the Federal leases to said party (ies). Upon issuance of the Federal lease and payment of its proportionate cost of the well, including drilling, completing and equipping the well, the acquiring party (ies) shall own the working interest described in the Tract, as described on Exhibit "B", and shall have the rights and obligations of said working interest as to the effective date of the Federal Lease.

6. The royalties payable on communitized substances allocated to the individual leases comprising the communitized area and the rentals provided for in said leases shall be determined and paid on the basis prescribed in each of the individual leases. Payments of rentals under the terms of leases subject to this agreement shall not be affected by this agreement except as provided for under the terms and provisions of said leases or as may herein be otherwise provided. Except as herein modified and changed, the oil and gas leases subject to this agreement shall remain in full force and effect as originally made and issued. It is agreed that for any Federal lease bearing a sliding- or step-scale rate of royalty, such rate shall be determined separately as to production from each communitization agreement to which such lease may be committed, and separately as to any noncommunitized lease production, provided, however, as to leases where the rate of royalty for gas is based on total lease production per day, such rate shall be determined by the sum of all communitized production allocated to such a lease plus any noncommunitized lease production.
7. There shall be no obligation on the lessees to offset any well or wells completed in the same formation as covered by this agreement on separate component tracts into which the communitized area is now or may hereafter be divided, nor shall any lessee be required to measure separately communitized substances by reason of the diverse ownership thereof, but the lessees hereto shall not be released from their obligation to protect said communitized area from drainage of communitized substances by a well or wells which may be drilled offsetting said area.
8. The commencement, completion, continued operation, or production of a well or wells for communitized substances on the communitized area shall be construed and considered as the commencement, completion, continued operation, or production on each and all of the lands within and comprising said communitized

- area, and operations or production pursuant to this agreement shall be deemed to be operations or production as to each lease committed hereto.
9. Production of communitized substances and disposal thereof shall be in conformity with allocation, allotments, and quotas made or fixed by any duly authorized person or regulatory body under applicable Federal or State statutes. This agreement shall be subject to all applicable Federal and State laws or executive orders, rules and regulations, and no party hereto shall suffer a forfeiture or be liable in damages for failure to comply with any of the provisions of this agreement if such compliance is prevented by, or if such failure results from, compliance with any such laws, orders, rules or regulations.
 10. The date of this agreement is June 1, 2020, and it shall become effective as of this date or from the onset of production of communitized substances, whichever is earlier upon execution by the necessary parties, notwithstanding the date of execution, and upon approval by the Secretary of the Interior or by his duly authorized representative, and shall remain in force and effect for a period of 2 years and for as long as communitized substances are, or can be, produced from the communitized area in paying quantities: Provided, that prior to production in paying quantities from the communitized area and upon fulfillment of all requirements of the Secretary of the Interior, or his duly authorized representative, with respect to any dry hole or abandoned well, this agreement may be terminated at any time by mutual agreement of the parties hereto. This agreement shall not terminate upon cessation of production if, within 60 days thereafter, reworking or drilling operations on the communitized area are commenced and are thereafter conducted with reasonable diligence during the period of nonproduction. The 2-year term of this agreement will not in itself serve to extend the term of any Federal lease which would otherwise expire during said period.
 11. The covenants herein shall be construed to be covenants running with the land with respect to the communitized interests of the parties hereto and their successors in interests until this agreement terminates and any grant, transfer, or conveyance of any such land or interest subject hereto, whether voluntary or not, shall be and hereby is conditioned upon the assumption of all obligations hereunder by the grantee, transferee, or other successor in interest, and as to Federal land shall be subject to approval by the Secretary of the Interior, or his duly authorized representative.
 12. It is agreed between the parties hereto that the Secretary of the Interior, or his duly authorized representative, shall have the right of supervision over all Fee and State mineral operations within the communitized area to the extent necessary to monitor production and measurement, and assure that no avoidable loss of hydrocarbons occur in which the United States has an interest pursuant to applicable oil and gas regulations of the Department of the Interior relating to such production and measurement.

- IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the day and year first above written and have set opposite their respective names the date of execution.

By: _____
Brandon Gaynor, Sr. Vice President of Land

STATE OF TEXAS)
) ss.
COUNTY OF MIDLAND)

My commission expires

Title: Senior Vice President

My commission expires

My commission expires

EXHIBIT "A"

Plat of communitized area covering **320.0** acres in Township 19 South, Range 28 East, S/2N/2 of Section 33 and the S/2N/2 of Section 34, Eddy County, New Mexico, as written in Section 1 above.

Well Name/No.

SHAMROCK 34 FED COM #122H
SHAMROCK 34 FED COM #132H

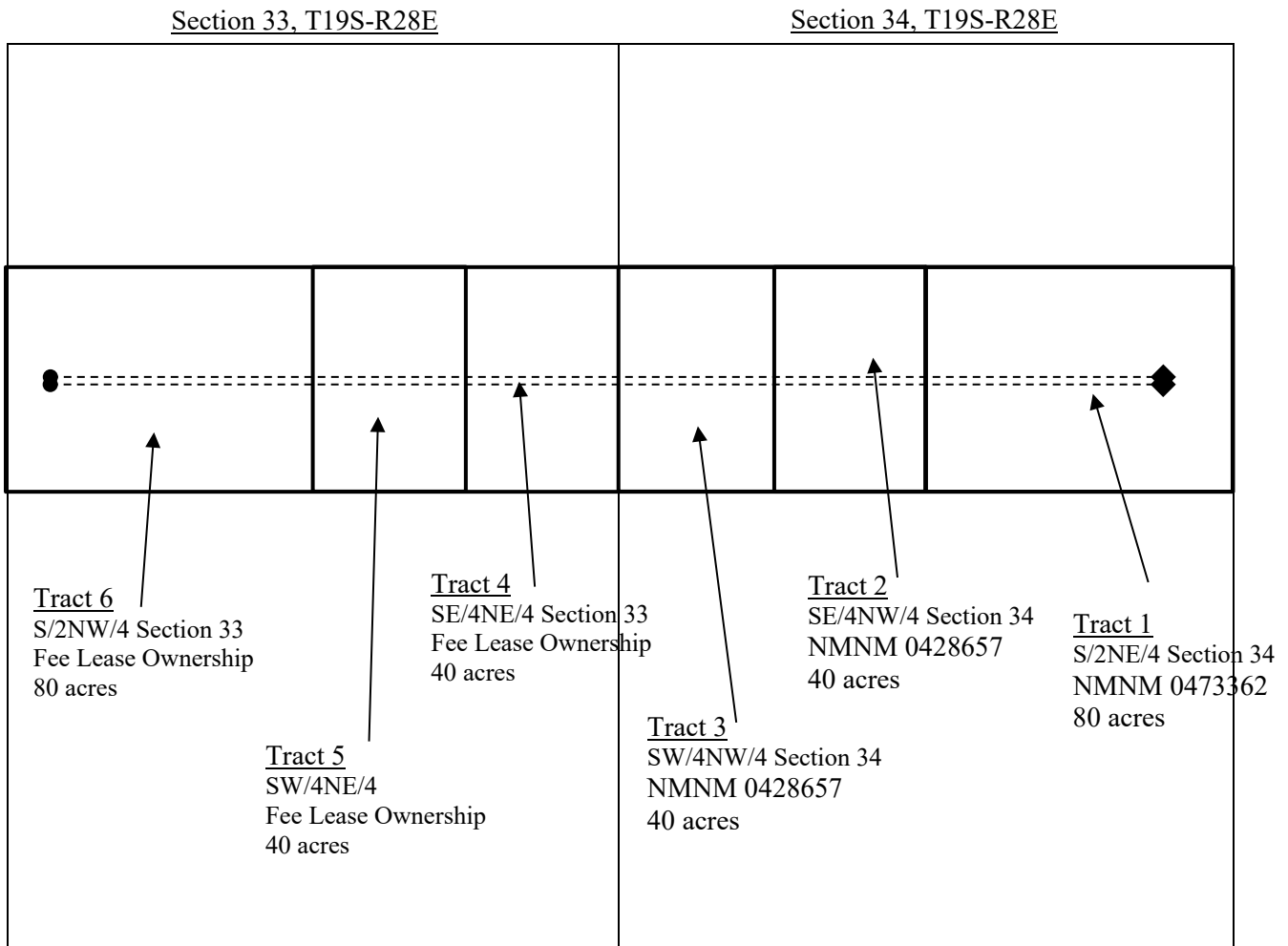


EXHIBIT "B"

To Communitization Agreement Dated June 1, 2020, embracing the following described land in Township 19 South, Range 28 East, S/2N/2 of Section 33 and S/2N/2 of Section 34, Eddy County, New Mexico, as written in Section 1 above.

Operator of Communitized Area:

COLGATE OPERATING, LLC

DESCRIPTION OF LEASES COMMITTED

TRACT NO. 1

Lease Serial Number:	NMMN 0473362
Lease Date:	Effective January 1, 1964
Lease Term:	10 years, subsequently extended for 2 years
Lessor:	United States of America
Original Lessee:	George A. Lauck
Current Lessee of Record:	D.W. Underwood and J.C. Williamson
Description of Land Committed:	S/2NE/4 of Section 34, T19S-R28E, Eddy County, New Mexico
Number of Acres:	80.0
Royalty Rate:	12.5%
Name and Percent ORRI Owners:	Colgate Royalties, LP – 0.06027778, Frank J. Pisor – 0.00125000, Heirs of George A Lauck & Molly Lauck – 0.00937500, Mark and Paula McClellan – 0.000625000, Ross and Kandace McClellan – 0.000625000, Etheredge Revocable Living Trust dtd 11/4/1997 – 0.00347222, Marshall & Winston, Inc. – 0.028125000, Greenville Partners – 0.00937500, Kevin Hammitt – 0.00468750, James A. Lawson – 0.00468750, Mountain Lion Oil & Gas – 0.00500000
Name of Working Interest Owners:	Colgate Production, LLC - 0.85544306, Northern Oil & Gas, Inc. – 0.02570714, C5 Capital Management, LLC – 0.00520833, HCH Investment, LLC – 0.00520833, Catherine E. Huffman – 0.00520833, Elizabeth Tullis Dillard – 0.06250000, Myrlene Mannschreck Dillon – 0.03125000, Duer Wagner, III - .00377250, Geoffrey Lancelly – 0.00010778, Douglas Cranmer – 0.00053280, Russell Cranmer – 0.00053280, Douglas C. Cranmer and Russell B. Cranmer, Trustees of the Russell E. Cranmer Irrevocable Trust dtd December 28, 1992 – 0.00053280, Katherine Ferguson – 0.00213120, Robert G. Ettleson – 0.00053280, Mary Kline – 0.00053280, Sombrero Associates – 0.00079933

TRACT NO. 2

Lease Serial Number: NMNM 0428657
Lease Date: July 17, 1963, effective September 1, 1963
Lease Term: 10 years, subsequently extended for 2 years
Lessor: United States of America
Original Lessee: T. A. Fraser and J. Mack Barnes
Current Lessee of Record: ZPZ Delaware I LLC, Northern Oil & Gas, Inc., CM Resources, LLC, Colgate Production, LLC

Description of Land Committed: SE/4NW/4 of Section 34, T19S-R28E, Eddy County, New Mexico
Number of Acres: 40.0
Royalty Rate: 12.5%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.07704584, CM Royalties, LLC – 0.00937500, Abuelo, LLC – 0.00096146, Carol Sue Mhoon – 0.01250000, Ergodic Resources LLC - .00096146, Loco Hill Production Company, LLC – 0.00096146, Magnum Hunter Production, Inc. – 0.00070159, Silverhair, LLC – 0.00096146, William G. Ross and Vee K. Ross, Trustees of the William G. Ross and Vee K. Ross Living Trust UTA dated March 9, 1990 – 0.01250000

Name of Working Interest Owners: Colgate Production, LLC - 0.64775238, Northern Oil & Gas, Inc. – 0.22214120, Myrlene Mannschreck Dillon - 0.02343750, Geoffrey Lanceley - 0.00008033, Wildcat Energy, LLC - 0.00279387, Hodge Natural Gas Gathering, Inc. - 0.00039960, Robert G. Ettleson – 0.00039960, William L. Hilliard – 0.00079910, Mary L. Kline – 0.00039970, Heirs or devisees of John R. Kline – 0.00139860, Gerald L. Michaud – 0.00079910, Ted J. Werts – 0.00039960, Intrepid Energy, Inc. – 0.01928035, Douglas C. Cranmer and Russell B. Cranmer, Trustees of the Russell E. Cranmer Irrevocable Trust dated December 28, 1992 – 0.00119880, Bill Ferguson – 0.00319680, Robert H. Kriebel – 0.00139850, Sombrero Associates – 0.00089930, Nelson & Co., for the benefit of John D. Wile Marital Trust – 0.00059940, Magnum Hunter Production, Inc. – 0.03173252, John C. Rocovich – 0.00140625, Paul & Zofia Umbarger – 0.00712969, J.W. Davis – 0.01343671, Current Trustee under Declaration of Trust dated August 28, 1982, executed by Alice G. Davis – 0.01343672, Galkay, a Joint Venture – 0.00466172, James Kenneth Garrett – 0.00020567, Joyce Eline Garrett – 0.00020567,

Donna Marie Studer, Administrator, Estate of Genevieve Studer - 0.00010283, Carl Joseph Garrett, Executor, Estate of Jasper Ben Garrett, Jr. - 0.00010283, Connie Gale Becker - 0.00010283, Ginger Lee Meyers - 0.00010283

TRACT NO. 3

Lease Serial Number:	NMNM 0428657
Lease Date:	July 17, 1963, effective September 1, 1963
Lease Term:	10 years, subsequently extended for 2 years
Lessor:	United States of America
Original Lessee:	T.A. Fraser and J. Mack Barnes
Current Lessee of Record:	ZPZ Delaware I LLC, Northern Oil & Gas, Inc., CM Resources, LLC, Colgate Production, LLC
Description of Land Committed:	SW/4NW/4 of Section 34, T19S-R28E, Eddy County, New Mexico
Number of Acres:	40
Royalty Rate:	12.5%
Name and Percent ORRI Owners:	Colgate Royalties, LP - 0.07751770, William G. Ross and Vee K. Ross, Trustees of the William G. Ross and Vee K. Ross Living Trust UTA dated March 9, 1990 - 0.01250000, Carol Sue Mhoon - 0.01250000, Marathon Oil Permian, LLC - 0.00937500, Ergodic Resources, LLC - 0.00096146, Abuelo, LLC - 0.00096146, Silverhair, LLC - 0.00096146, Loco Hills Production Company, LLC - 0.00096146, Magnum Hunter Production, Inc. - 0.00064054
Name of Working Interest Owners:	Colgate Production, LLC - 0.77275238, Northern Oil & Gas, Inc. - 0.09714120, Myrlene Mannschreck Dillon - 0.02343750, Geoffrey Lanceley - 0.00008033, Wildcat Energy, LLC - 0.00279387, Hodge Natural Gas Gathering, Inc. - 0.00039960, Robert G. Ettleson - 0.00039960, William L. Hilliard - 0.00079910, Mary L. Kline - 0.00039970, Heirs or Devisees of John R. Kline - 0.00139860, Gerald L. Michaud - 0.00079910, Ted J. Werts - 0.00039960, Intrepid Energy, Inc. - 0.01928035, Douglas C. Cranmer and Russell B. Cranmer, Trustees of the Russell E. Cranmer Irrevocable Trust dated December 28, 1992 - 0.00119880, Bill Ferguson - 0.00319680, Robert H. Krieble - 0.00139850, Sombrero Associates - 0.00089930, Nelson & Co., for the benefit of John D. Wile Marital Trust - 0.00059940, Magnum Hunter Production, Inc. - 0.03173252, John C. Rocovich - 0.00140625, Paul and Zofia Umbarger - 0.00712969,

J.W. Davis – 0.01343671, Current Trustee under Declaration of Trust dated August 28, executed by Alice G. Davis – 0.01343672, Galkay, a Joint Venture – 0.00466172, James Kenneth Garrett – 0.00020567, Joyce Eline Garrett - .00020567, Donna Marie Studer, Administrator of the Estate of Genevieve Studer – 0.00010283, Carl Joseph Garrett, Executor of the Estate of Jasper Ben Garrett, Jr. – 0.00010283, Connie Gale Becker – 0.00010283, Ginger Lee Meyers – 0.00010283

TRACT NO. 4

Fee Lease No. 1

Lease Serial Number:	N/A
Recordation Number:	Book 569, Page 1229
Lease Date:	March 15, 2004
Lease Term:	3 years
Lessor:	Lorraine R. Hudson
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	10.0 acres
Royalty Rate:	20.0%
Name and Percent ORRI Owners:	Colgate Royalties, LP – 0.02593750
Name of Working Interest Owners:	Colgate Production, LLC – 1.00000000

Fee Lease No. 2

Lease Serial Number:	N/A
Recordation Number:	Book 560, Page 1093
Lease Date:	July 9, 2004
Lease Term:	3 years
Lessor:	Sharon O. Blackard
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	5.0 acres
Royalty Rate:	20.0%
Name and Percent ORRI Owners:	Colgate Royalties, LP – 0.02593750
Name of Working Interest Owners:	Colgate Production, LLC – 1.00000000

Fee Lease No. 3

Lease Serial Number:	N/A
Recordation Number:	Book 560, Page 1095
Lease Date:	July 9, 2004
Lease Term:	3 years
Lessor:	William Wade Shipley
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	5.0 acres
Royalty Rate:	20.0%
Name and Percent ORRI Owners:	Colgate Royalties, LP – 0.02593750
Name of Working Interest Owners:	Colgate Production, LLC – 1.00000000

Fee Lease No. 4

Lease Serial Number:	N/A
Recordation Number:	Book 566, Page 1034
Lease Date:	August 13, 2004
Lease Term:	2 years
Lessor:	Henry C. Wunsch & wife, Mary Ann Wunsch
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	0.25 acres
Royalty Rate:	20.0%
Name and Percent ORRI Owners:	Colgate Royalties, LP – 0.02593750
Name of Working Interest Owners:	Colgate Production, LLC – 1.00000000

Fee Lease No. 5

Lease Serial Number:	N/A
Recordation Number:	Book 566, Page 1042
Lease Date:	August 17, 2004
Lease Term:	2 years
Lessor:	James R. Miller & wife, Mary Jane Miller
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	0.25 acres
Royalty Rate:	20.0%
Name and Percent ORRI Owners:	Colgate Royalties, LP – 0.02593750
Name of Working Interest Owners:	Colgate Production, LLC – 1.00000000

Fee Lease No. 6

Lease Serial Number: N/A
Recordation Number: Book 573, Page 912
Lease Date: September 2, 2004
Lease Term: 2 years
Lessor: Fay Bernard
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.25 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP – 0.02593750
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 7

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1038
Lease Date: September 3, 2004
Lease Term: 2 years
Lessor: Harmon D. Greene & wife, Carolina R. Greene
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.25 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 8

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1040
Lease Date: August 17, 2004
Lease Term: 2 years
Lessor: R.R. Hinkle Company, Inc.
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.25 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 9

Lease Serial Number: N/A
Recordation Number: Book 573, Page 910
Lease Date: October 22, 2004
Lease Term: 2 years
Lessor: Virginia Black, Independent Executrix u/w/o Dillard Lee Dorland
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.75 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 10

Lease Serial Number: N/A
Recordation Number: Book 578, Page 1161
Lease Date: October 22, 2004
Lease Term: 2 years
Lessor: Zonetta M. Dorland
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.75 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 11

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1044
Lease Date: August 27, 2004
Lease Term: 2 years
Lessor: Robert P. Byron & Jeannine Hooper Byron, Trustees of the Robert & Jeannine Byron Revocable Trust under Trust Agreement dated June 18, 2003
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 2.17 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 12

Lease Serial Number:	N/A
Recordation Number:	Book 566, Page 1047
Lease Date:	September 2, 2004
Lease Term:	2 years
Lessor:	E.L. Latham Company
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	2.92 acres
Royalty Rate:	25.0%
Name and Percent ORRI Owners:	N/A
Name of Working Interest Owners:	Colgate Production, LLC – 1.0000000

Fee Lease No. 13

Lease Serial Number:	N/A
Recordation Number:	Book 566, Page 1050
Lease Date:	September 2, 2004
Lease Term:	2 years
Lessor:	Roy G. Barton, Jr.
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	3.13 acres
Royalty Rate:	25.0%
Name and Percent ORRI Owners:	N/A
Name of Working Interest Owners:	Colgate Production, LLC – 1.0000000

Fee Lease No. 14

Lease Serial Number:	N/A
Recordation Number:	Book 569, Page 665
Lease Date:	September 2, 2004
Lease Term:	2 years
Lessor:	Brett C. Barton
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	0.78 acres
Royalty Rate:	25.0%
Name and Percent ORRI Owners:	N/A
Name of Working Interest Owners:	Colgate Production, LLC – 1.0000000

Fee Lease No. 15

Lease Serial Number:	N/A
Recordation Number:	Book 569, Page 669
Lease Date:	September 2, 2004
Lease Term:	2 years
Lessor:	Roy G. Barton, III
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	0.78 acres
Royalty Rate:	25.0%
Name and Percent ORRI Owners:	N/A
Name of Working Interest Owners:	Colgate Production, LLC – 1.0000000

Fee Lease No. 16

Lease Serial Number:	N/A
Recordation Number:	Book 573, Page 907
Lease Date:	September 2, 2004
Lease Term:	2 years
Lessor:	Heidi C. Burton
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	0.78 acres
Royalty Rate:	25.0%
Name and Percent ORRI Owners:	N/A
Name of Working Interest Owners:	Colgate Production, LLC – 1.0000000

Fee Lease No. 17

Lease Serial Number:	N/A
Recordation Number:	Book 569, Page 671
Lease Date:	September 2, 2004
Lease Term:	2 years
Lessor:	Norma Jane Chanley
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	3.13 acres
Royalty Rate:	25.0%
Name and Percent ORRI Owners:	N/A
Name of Working Interest Owners:	Colgate Production, LLC – 1.0000000

Fee Lease No. 18

Lease Serial Number: N/A
Recordation Number: Book 572, Page 783
Lease Date: September 30, 2004
Lease Term: 2 years
Lessor: Wells Fargo Bank, Texas, NA, Trustee for CBF A-1 and CBF A-2
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 3.33 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 19

Lease Serial Number: N/A
Recordation Number: Book 1146, Page 255
Lease Date: June 1, 2020
Lease Term: 3 years
Lessor: Colgate Minerals, LLC
Original Lessee: Colgate Production, LLC
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: SE/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.25 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

TRACT NO. 5**Fee Lease No. 1**

Lease Serial Number: N/A
Recordation Number: Book 569, Page 663
Lease Date: August 17, 2004
Lease Term: 2 years
Lessor: Wilma Evelyn Voigt
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: SW/4NE/4 Section 33, T19S-R28E, Eddy County, New Mexico, limited to depths from the surface to 11,348 feet
Number of Acres: 40.0 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: N/A
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

TRACT NO. 6**Fee Lease No. 1**

Lease Serial Number:	N/A
Recordation Number:	Book 569, Page 1229
Lease Date:	March 15, 2004
Lease Term:	3 years
Lessor:	Lorraine R. Hudson
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	20.0 acres
Royalty Rate:	20.0%
Name and Percent ORRI Owners:	Colgate Royalties, LP –
Name of Working Interest Owners:	Colgate Production, LLC – 1.0000000

Fee Lease No. 2

Lease Serial Number:	N/A
Recordation Number:	Book 560, Page 1093
Lease Date:	July 9, 2004
Lease Term:	3 years
Lessor:	Sharon O. Blackard
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	10.0 acres
Royalty Rate:	20.0%
Name and Percent ORRI Owners:	Colgate Royalties, LP –
Name of Working Interest Owners:	Colgate Production, LLC – 1.0000000

Fee Lease No. 3

Lease Serial Number:	N/A
Recordation Number:	Book 560, Page 1095
Lease Date:	July 9, 2004
Lease Term:	3 years
Lessor:	William Wade Shipley
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	10.0 acres
Royalty Rate:	20.0%
Name and Percent ORRI Owners:	Colgate Royalties, LP –
Name of Working Interest Owners:	Colgate Production, LLC – 1.0000000

Fee Lease No. 4

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1034
Lease Date: August 13, 2004
Lease Term: 2 years
Lessor: Henry C. Wunsch & wife, Mary Ann Wunsch
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.50 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP –
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 5

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1042
Lease Date: August 17, 2004
Lease Term: 2 years
Lessor: James R. Miller & wife, Mary Jane Miller
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.50 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP –
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 6

Lease Serial Number: N/A
Recordation Number: Book 573, Page 912
Lease Date: September 2, 2004
Lease Term: 2 years
Lessor: Fay Bernard
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.50 acres
Royalty Rate: 20.0%
Name and Percent ORRI Owners: Colgate Royalties, LP –
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 7

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1038
Lease Date: September 3, 2004
Lease Term: 2 years
Lessor: Harmon D. Greene & wife, Carolina R. Greene
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.50 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: Colgate Royalties, LP –
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 8

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1040
Lease Date: August 17, 2004
Lease Term: 2 years
Lessor: R.R. Hinkle Company, Inc.
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 0.50 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: Colgate Royalties, LP –
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 9

Lease Serial Number: N/A
Recordation Number: Book 573, Page 910
Lease Date: October 22, 2004
Lease Term: 2 years
Lessor: Virginia Black, Independent Executrix u/w/o Dillard Lee Dorland
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 1.50 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: Colgate Royalties, LP –
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 10

Lease Serial Number: N/A
Recordation Number: Book 578, Page 1161
Lease Date: October 22, 2004
Lease Term: 2 years
Lessor: Zonetta M. Dorland
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 1.50 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: Colgate Royalties, LP –
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 11

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1044
Lease Date: August 27, 2004
Lease Term: 2 years
Lessor: Robert P. Byron & Jeannine Hooper Byron, Trustees of the Robert & Jeannine Byron Revocable Trust under Trust Agreement dated June 18, 2003
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 4.33 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: Colgate Royalties, LP –
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 12

Lease Serial Number: N/A
Recordation Number: Book 566, Page 1047
Lease Date: September 2, 2004
Lease Term: 2 years
Lessor: E.L. Latham Company
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 5.83 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: Colgate Royalties, LP –
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 13

Lease Serial Number:	N/A
Recordation Number:	Book 566, Page 1050
Lease Date:	September 2, 2004
Lease Term:	2 years
Lessor:	Roy G. Barton, Jr.
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	6.25 acres
Royalty Rate:	25.0%
Name and Percent ORRI Owners:	Colgate Royalties, LP –
Name of Working Interest Owners:	Colgate Production, LLC – 1.0000000

Fee Lease No. 14

Lease Serial Number:	N/A
Recordation Number:	Book 569, Page 665
Lease Date:	September 2, 2004
Lease Term:	2 years
Lessor:	Brett C. Barton
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	1.56 acres
Royalty Rate:	25.0%
Name and Percent ORRI Owners:	Colgate Royalties, LP –
Name of Working Interest Owners:	Colgate Production, LLC – 1.0000000

Fee Lease No. 15

Lease Serial Number:	N/A
Recordation Number:	Book 569, Page 669
Lease Date:	September 2, 2004
Lease Term:	2 years
Lessor:	Roy G. Barton, III
Original Lessee:	EOG Resources, Inc.
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	1.56 acres
Royalty Rate:	25.0%
Name and Percent ORRI Owners:	Colgate Royalties, LP –
Name of Working Interest Owners:	Colgate Production, LLC – 1.0000000

Fee Lease No. 16

Lease Serial Number: N/A
Recordation Number: Book 573, Page 907
Lease Date: September 2, 2004
Lease Term: 2 years
Lessor: Heidi C. Burton
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 1.56 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: Colgate Royalties, LP –
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 17

Lease Serial Number: N/A
Recordation Number: Book 569, Page 671
Lease Date: September 2, 2004
Lease Term: 2 years
Lessor: Norma Jane Chanley
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 6.25 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: Colgate Royalties, LP –
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 18

Lease Serial Number: N/A
Recordation Number: Book 572, Page 783
Lease Date: September 30, 2004
Lease Term: 2 years
Lessor: Wells Fargo Bank, Texas, NA, Trustee for CBF A-1 and CBF A-2
Original Lessee: EOG Resources, Inc.
Current Lessee of Record: Colgate Production, LLC
Description of Land Committed: S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres: 6.67 acres
Royalty Rate: 25.0%
Name and Percent ORRI Owners: Colgate Royalties, LP –
Name of Working Interest Owners: Colgate Production, LLC – 1.0000000

Fee Lease No. 19

Lease Serial Number:	N/A
Recordation Number:	Book 1146, Page 255
Lease Date:	June 1, 2020
Lease Term:	3 years
Lessor:	Colgate Minerals, LLC
Original Lessee:	Colgate Production, LLC
Current Lessee of Record:	Colgate Production, LLC
Description of Land Committed:	S/2NW/4 Section 33, T19S-R28E, Eddy County, New Mexico
Number of Acres:	0.50 acres
Royalty Rate:	25.0%
Name and Percent ORRI Owners:	Colgate Royalties, LP –
Name of Working Interest Owners:	Colgate Production, LLC – 1.0000000

End of Exhibit “A”

RECAPITULATION

<u>Tract No.</u>	<u>No. of Acres Committed</u>	<u>Percentage of Interest in Communitized Area</u>
1	80.0	25.0%
2	40.0	12.5%
3	40.0	12.5%
4	40.0	12.5%
5	40.0	12.5%
6	80.0	25.0%
Total	320.0	100.0%

Revised March 23, 2017

RECEIVED:	REVIEWER:	TYPE:	APP NO:
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: Colgate Operating, LLC **OGRID Number:** 371449
Well Name: Dawson 34 Fed Com 124H **API:** 30-015-47603
Pool: Old Millman Ranch; BS (Assoc) & Winchester; BS **Pool Code:** 48035 & 65010

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

1) TYPE OF APPLICATION: Check those which apply for [A]

A. Location – Spacing Unit – Simultaneous Dedication

☐ NSL ☐ NSP (PROJECT AREA) ☐ NSP (PRORATION UNIT) ☐ SD

B. Check one only for [I] or [II]

[I] Commingling – Storage – Measurement

☐ DHC ☒ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

2) NOTIFICATION REQUIRED TO: Check those which apply.

- A. ☐ Offset operators or lease holders
 B. ☒ Royalty, overriding royalty owners, revenue owners
 C. ☐ Application requires published notice
 D. ☒ Notification and/or concurrent approval by SLO
 E. ☒ Notification and/or concurrent approval by BLM
 F. ☐ Surface owner
 G. ☒ For all of the above, proof of notification or publication is attached, and/or,
 H. ☐ No notice required

FOR OCD ONLY

- ☐ Notice Complete
☐ Application Content Complete

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

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

Mikah Thomas

Print or Type Name

Mikah Thomas

Signature

05.05.2022

Date

432-695-4272

Phone Number

mthomas@colgateenergy.com

e-mail Address

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

**APPLICATION FOR SURFACE COMMINGLING
SUBMITTED BY PERMIAN RESOURCES OPERATING, ORDER NO. PLC-814-A
LLC**

ORDER

The Director of the New Mexico Oil Conservation Division (“OCD”), having considered the application and the recommendation of the OCD Engineering Bureau, issues the following Order.

FINDINGS OF FACT

1. Permian Resources Operating, LLC (“Applicant”) submitted a complete application to surface commingle the oil and gas production from the pools, leases, and wells as described in Exhibit A (“Application”).
2. Applicant proposed a method to allocate the oil and gas production to the pools, leases, and wells to be commingled.
3. Applicant provided notice of the Application to all persons owning an interest in the oil and gas production to be commingled, including the owners of royalty and overriding royalty interests, regardless of whether they have a right or option to take their interests in kind, and those persons either submitted a written waiver or did not file an objection to the Application.
4. Applicant provided notice of the Application to the Bureau of Land Management (“BLM”) or New Mexico State Land Office (“NMSLO”), as applicable.
5. Applicant certified the commingling of oil and gas production from the pools, leases, and wells will not in reasonable probability reduce the value of the oil and gas production to less than if it had remained segregated.
6. Applicant in the notice for the Application stated that it sought authorization to prospectively include additional pools, leases, and wells in accordance with 19.15.12.10 C.(4)(g) NMAC.
7. Applicant stated that it sought authorization to surface commingle and off-lease measure, as applicable, oil and gas production from wells which have not yet been approved to be drilled, but will produce from a pool and lease as described in Exhibit A.

CONCLUSIONS OF LAW

8. OCD has jurisdiction to issue this Order pursuant to the Oil and Gas Act, NMSA 1978, §§ 70-2-6, 70-2-11, 70-2-12, 70-2-16, and 70-2-17, 19.15.12. NMAC, and 19.15.23. NMAC.

9. Applicant satisfied the notice requirements for the Application in accordance with 19.15.12.10 A.(2) NMAC, 19.15.12.10 C.(4)(c) NMAC, and 19.15.12.10 C.(4)(e) NMAC, as applicable.
10. Applicant satisfied the notice requirements for the Application in accordance with 19.15.23.9 A.(5) NMAC and 19.15.23.9 A.(6) NMAC, as applicable.
11. Applicant's proposed method of allocation, as modified herein, complies with 19.15.12.10 B.(1) NMAC or 19.15.12.10 C.(1) NMAC, as applicable.
12. Commingling of oil and gas production from state, federal, or tribal leases shall not commence until approved by the BLM or NMSLO, as applicable, in accordance with 19.15.12.10 B.(3) NMAC and 19.15.12.10 C.(4)(h) NMAC.
13. Applicant satisfied the notice requirements for the subsequent addition of pools, leases, and wells in the notice for the Application, in accordance with 19.15.12.10 C.(4)(g) NMAC. Subsequent additions of pools, leases, and wells within Applicant's defined parameters, as modified herein, will not, in reasonable probability, reduce the commingled production's value or otherwise adversely affect the interest owners in the production to be added.
14. By granting the Application with the conditions specified below, this Order prevents waste and protects correlative rights, public health, and the environment.

ORDER

1. Applicant is authorized to surface commingle oil and gas production from the pools, leases, and wells as described in Exhibit A.

Applicant is authorized to store and measure oil and gas production off-lease from the pools, leases, and wells as described in Exhibit A at a central tank battery or gas title transfer meter described in Exhibit A.

Applicant is authorized to surface commingle oil and gas production from wells not included in Exhibit A but that produce from a pool and lease as described in Exhibit A.

Applicant is authorized to store and measure oil and gas production off-lease from wells not included in Exhibit A but that produce from a pool and lease as described in Exhibit A at a central tank battery or gas title transfer meter described in Exhibit A.

2. This Order supersedes Order PLC-814.
3. The allocation of oil and gas production to wells not included in Exhibit A but that produce from a pool and lease as described in Exhibit A shall be determined in the same manner as to wells identified in Exhibit A that produce from that pool and lease, provided that if more than one allocation method is being used or if there are no wells identified in Exhibit A that produce from the pool and lease, then allocation of oil and gas production to each well not included in Exhibit A shall be determined by OCD prior to commingling production from it with the production from another well.

4. The oil and gas production for each well identified in Exhibit A shall be separated and metered prior to commingling it with production from another well.
5. Applicant shall measure and market the commingled oil at a central tank battery described in Exhibit A in accordance with this Order and 19.15.18.15. NMAC or 19.15.23.8. NMAC.
6. Applicant shall measure and market the commingled gas at a well pad, central delivery point, central tank battery, or gas title transfer meter described in Exhibit A in accordance with this Order and 19.15.19.9. NMAC, provided however that if the gas is vented or flared, and regardless of the reason or authorization pursuant to 19.15.28.8 B. NMAC for such venting or flaring, Applicant shall measure or estimate the gas in accordance with 19.15.28.8 E. NMAC.
7. Applicant shall calibrate the meters used to measure or allocate oil and gas production in accordance with 19.15.12.10 C.(2) NMAC.
8. If the commingling of oil and gas production from any pool, lease, or well reduces the value of the commingled oil and gas production to less than if it had remained segregated, no later than sixty (60) days after the decrease in value has occurred Applicant shall submit a new surface commingling application to OCD to amend this Order to remove the pool, lease, or well whose oil and gas production caused the decrease in value. If Applicant fails to submit a new application, this Order shall terminate on the following day, and if OCD denies the application, this Order shall terminate on the date of such action.
9. Applicant may submit an application to amend this Order to add pools, leases, and subsequently drilled wells with spacing units adjacent to or within the tracts commingled by this Order by submitting a Form C-107-B in accordance with 19.15.12.10 C.(4)(g) NMAC, provided the pools, leases, and subsequently drilled wells are within the identified parameters included in the Application.
10. If a well is not included in Exhibit A but produces from a pool and lease as described in Exhibit A, then Applicant shall submit Forms C-102 and C-103 to the OCD Engineering Bureau after the well has been approved to be drilled and prior to off-lease measuring or commingling oil or gas production from it with the production from another well. The Form C-103 shall reference this Order and identify the well, proposed method to determine the allocation of oil and gas production to it, and the location(s) that commingling of its production will occur.
11. Applicant shall not commence commingling oil or gas production from state, federal, or tribal leases until approved by the BLM or NMSLO, as applicable.
12. If OCD determines that Applicant has failed to comply with any provision of this Order, OCD may take any action authorized by the Oil and Gas Act or the New Mexico Administrative Code (NMAC).

13. OCD retains jurisdiction of this matter and reserves the right to modify or revoke this Order as it deems necessary.

**STATE OF NEW MEXICO
OIL CONSERVATION DIVISION**



**ALBERT CHANG
DIRECTOR**

DATE: 8/20/2025

State of New Mexico
Energy, Minerals and Natural Resources Department

Exhibit A

Order: **PLC-814-A**

Operator: **Permian Resources Operating, LLC (372165)**

Central Tank Battery: **Dawson Shamrock Battery**

Central Tank Battery Location: **UL H, Section 34, Township 19 South, Range 28 East**

Gas Title Transfer Meter Location: **UL H, Section 34, Township 19 South, Range 28 East**

Pools

Pool Name	Pool Code
OLD MILLMAN RANCH; BS (ASSOC)	48035
WINCHESTER; BONE SPRING	65010
WINCHESTER;WOLFCAMP (GAS)	87760

Leases as defined in 19.15.12.7(C) NMAC

Lease	UL or Q/Q	S-T-R
Fee	B C D	33-19S-28E
Fee	A	33-19S-28E
Fee	E F	33-19S-28E
Fee	G	33-19S-28E
Fee	H	33-19S-28E
State Lease E0-5073-0005	All	36-19S-28E
BLM Lease NMNM 105320634 (0473362)	E2	34-19S-28E
	N2, N2S2, S2SW	35-19S-28E
BLM Lease NMNM 105504694 (0428657)	S2	33-19S-28E
	W2	34-19S-28E
CA Wolfcamp SLO 204408 PUN 1395666	S2S2	35-19S-28E
	S2S2	36-19S-28E
CA Bone Spring SLO 204409 PUN 1395677	S2S2	35-19S-28E
	S2S2	36-19S-28E
CA Bone Spring SLO 204410 PUN 1395682	N2N2	35-19S-28E
	N2N2	36-19S-28E
CA Bone Spring SLO 204411 PUN 1395698	S2N2	35-19S-28E
	S2N2	36-19S-28E
CA Bone Spring SLO 204412 PUN 1395708	N2S2	35-19S-28E
	N2S2	36-19S-28E
CA Bone Spring NMNM 105785714	N2S2	35-19S-28E
	N2S2	36-19S-28E
CA Bone Spring NMNM 105785715	S2S2	35-19S-28E
	S2S2	36-19S-28E
CA Wolfcamp NMNM 105785716	S2S2	35-19S-28E
	S2S2	36-19S-28E
CA Bone Spring NMNM 105785442	N2N2	35-19S-28E
	N2N2	36-19S-28E
CA Bone Spring NMNM 105819650	S2N2	33-19S-28E
	S2N2	34-19S-28E

CA Bone Spring NMNM 105819649	N2N2	33-19S-28E
	N2N2	34-19S-28E
CA Bone Spring NMNM 105819654	N2S2	33-19S-28E
	N2S2	34-19S-28E
CA Bone Spring NMNM 105722433 (144386)	S2S2	33-19S-28E
	S2S2	34-19S-28E
CA Bone Spring NMNM 105785444	S2N2	35-19S-28E
	S2N2	36-19S-28E

Wells

Well API	Well Name	UL or Q/Q	S-T-R	Pool
30-015-49005	Dawson 34 Federal Com #114H	S2S2	33-19S-28E	48035
		S2S2	34-19S-28E	
30-015-47704	Dawson 34 Federal Com #123H	N2S2	33-19S-28E	65010
		N2S2	34-19S-28E	
30-015-47603	Dawson 34 Federal Com #124H	S2S2	33-19S-28E	48035
		S2S2	34-19S-28E	
30-015-47705	Dawson 34 Federal Com #133H	N2S2	33-19S-28E	65010
		N2S2	34-19S-28E	
30-015-47604	Dawson 34 Federal Com #134H	S2S2	33-19S-28E	48035
		S2S2	34-19S-28E	
30-015-47706	Shamrock 34 Federal State Com #121H	N2N2	33-19S-28E	65010
		N2N2	34-19S-28E	
30-015-47707	Shamrock 34 Federal State Com #122H	S2N2	33-19S-28E	65010
		S2N2	34-19S-28E	
30-015-47708	Shamrock 34 Federal State Com #131H	N2N2	33-19S-28E	65010
		N2N2	34-19S-28E	
30-015-47751	Shamrock 34 Federal State Com #132H	S2N2	33-19S-28E	65010
		S2N2	34-19S-28E	
30-015-49657	Uluru 35 Federal #121H	N2N2	35-19S-28E	65010
30-015-49614	Uluru 35 Federal State Com #131H	N2N2	35-19S-28E	65010
		N2N2	36-19S-28E	
30-015-49658	Uluru 35 Federal State Com #132H	S2N2	35-19S-28E	65010
		S2N2	36-19S-28E	
30-015-49613	Uluru 35 Federal State Com #133H	N2S2	35-19S-28E	65010
		N2S2	36-19S-28E	
30-015-49612	Uluru 35 Federal State Com #134H	S2S2	35-19S-28E	65010
		S2S2	36-19S-28E	
30-015-49654	Uluru 35 Federal State Com #201H	S2N2	35-19S-28E	87760
		S2N2	36-19S-28E	
30-015-49653	Uluru 35 Federal State Com #203H	S2S2	35-19S-28E	87760
		S2S2	36-19S-28E	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 118401

CONDITIONS

Operator: COLGATE OPERATING, LLC 300 North Marienfeld Street Midland, TX 79701	OGRID: 371449
	Action Number: 118401
	Action Type: [C-107] Surface Commingle or Off-Lease (C-107B)

CONDITIONS

Created By	Condition	Condition Date
sarah.clelland	Please review the content of the order to ensure you are familiar with the authorities granted and any conditions of approval. If you have any questions regarding this matter, please email us at OCD.Engineer@emnrd.nm.gov .	8/25/2025