Form 3160-5 (March 2012)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2014

BUR.	EAU OF LAND MANAGEMEN	1000	5. Lease Serial No.	
Do not use this f	OTICES AND REPORTS ON orm for proposals to drill or subset of the second	to re=enter an	S AI Indian, Allottee o	or Tribe Name
SUBMIT	IN TRIPLICATE – Other instructions	on page 2.	7. If Unit of CA/Agre	ement, Name and/or No.
1. Type of Well Oil Well Gas W	ell X Other		8. Well Name and No GERONIMO/I	NCA BATTERIES
2. Name of Operator SM ENERGY COMPANY		****	9. API Well No.	
3a. Address	3b. Phone N	o. (include area code)	10. Field and Pool or	Exploratory Area
3300 N "A" ST, BLDG 7-20)688-1709		
4. Location of Well (Footage, Sec. T.) GERONIMO BATTERY G- INCA BATTERY G-24-18S			11. County or Parish, EDDY	State-NM
12. CHEC	K THE APPROPRIATE BOX(ES) TO IN	IDICATE NATURE OF NO	OTICE, REPORT OR OTH	IER DATA
TYPE OF SUBMISSION	५ [,]	TYPE OF A	ACTION	
X Notice of Intent	Acidize De	acture Treat	Production (Start/Resume) Reclamation	Water Shut-Off Well Integrity Other UPDATE
Subsequent Report	`	=	Recomplete Femporarily Abandon	SURFACE
Final Abandonment Notice		_	Water Disposal	COMMINGLING
the proposal is to deepen directions. Attach the Bond under which the w following completion of the involve testing has been completed. Final determined that the site is ready for SM ENERGY WOULD LIK REFERENCED BY ADDIN THE INCA BATTERY. LAST THE BLM. PLEASE SEE AMAP AND BLM FORM FOR Well NamePoolULSTRAPI EAST SHUGART DELAWA 40848300 FNL & 735 FELMEAST SHUGART DELAWA 40909222 FNL & 490 FWL EAST SHUGART DELAWA 407812280 FNL & 810 FELMEAST SHUGART DELAWA 408702245 FNL & 460 FWL EAST SHUGART DELAWA 40870	peration: Clearly state all pertinent details, ally or recomplete horizontally, give subsurork will be performed or provide the Boned operations. If the operation results in a Abandonment Notices must be filed only a final inspection.) E TO REQUESTS TO UPDAT G THE ESDU 28 WELL TO THE TOPPOST OF	rface locations and measured No. on file with BLM/BLA multiple completion or reconfer all requirements, include E EXISTING SURFAHE GERONIMO BATWAS MADE ON 9/7 DIAGRAM FOR INCREVENUE INTERES ty LAWARE, EAST (56 LAWARE), E	ed and true vertical depths A. Required subsequent recompletion in a new interval ding reclamation, have bee ACE COMMINGLE TERY AND ESDU 7/11 BY DUNCAN VA BATTERY MODIST OWNERS WILL 6419)A-24-18S-31E 6419)H-24-18S-32E 6419)H-24-18S-32E	of all pertinent markers and zones. ports must be filed within 30 days I, a Form 3160-4 must be filed once in completed and the operator has FOR THE 26, 27, 29 & 30 TO WHITLOCK WITH FICATIONS, ESDU BE NOTIFIED. 30-015- 30-025- 30-025-
14. Thereby certify that the foregoing is tr	ue and correct. Name (Printed/Typed)	ENCINEED:	TECUII A.	soontod for rocked
VICKIE MARTINEZ	11000	Title ENGINEER	ILOUII M	cepted for record
Signature V WWW	Mutther	Date 12/27/2012	·	NMOCD /(º), ";

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

MAY 1 3 2014 Approved by FIELD MANAGER /s/ JD Whitlock Jr Title Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would Office CARLSBAD FIELD OFFICE entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

SM-Energy Company is requesting approval for surface commingling and/or off-lease storage and measurement of hydrocarbon production for the following formation(s) and well(s):

Federal Lease No. <u>NMNM101361X</u>

THE PERSON THE SECOND SHOP THE PERSON COMES TO THE SECOND SHOP THE PERSON WAS TRANSPORTED TO THE PERSON OF THE PER	Torres A commence of the con-	NAVISET ON A SUMMER OF THE ACTIVITIES AND THE	TOURS OF THE PROPERTY OF THE P	A LINE OF THE RESIDENCE TO THE PROPERTY OF THE	NO-COUNTY CONTRACTOR OF PROPERTY THE	No. was an analysis of the same of		
Well Name	API)	Loc	ation	Formation:	BOPD	Gravity	MCFPD	BTU -
EAST SHUGART DELAWARE UNIT #001	30-015-25741	SW 4/SE 4	O-13-18S-31E	SHUGART;DELAWARE, EAST (56419)	· 16	33.12	8	1300.418
EAST SHUGART DELAWARE UNIT #002	30-015-25847	SE 4/ SE 4	P-13-18S-31E	SHUGART;DELAWARE, EAST (56419)	53	34.01	8	1750.939
EAST SHUGART DELAWARE UNIT #003	30-025-29695	SW 4/SW 4	M-18-18S-32E	SHUGART; DELAWARE, EAST (56419)	33	39.16	11	1534.867
EAST SHUGART DELAWARE UNIT #004	30-015-25546	NW 4/NE 4	B-24-18S-31E	SHUGART;DELAWARE, EAST (56419)	3	39.79	1	1521.442
EAST SHUGART DELAWARE UNIT #005	30-015-26022	NW 4/NE 4	B-24-18S-31E	SHUGART;DELAWARE, EAST (56419)	50	38.75	8	1766.317
EAST SHUGART DELAWARE UNIT #006	30-015-25385	NE 4/NE 4	A-24-18S-31E	SHUGART;DELAWARE, EAST (56419)	95	41.01	14	1798.259
EAST SHUGART DELAWARE UNIT #007	30-025-29887	NW 4/NW 4	D-19-18S-32E	SHUGART;DELAWARE, EAST (56419)	64	36.68	10	*
EAST SHUGART DELAWARE UNIT #008	30-025-29978	NE 4/NW 4	C-19-18S-32E	SHUGART;DELAWARE, EAST (56419)	22	35.42	8	1272.982
EAST SHUGART DELAWARE UNIT #009	30-015-25723	SW 4/NW 4	G-24-18S-31E	SHUGART;DELAWARE, EAST (56419)	19	38.97	9	1819.776
EAST SHUGART DELAWARE UNIT #010	30-015-25457	SE 4/NE 4	H-24-18S-31E	SHUGART; DELAWARE, EAST (56419)	168	34.75	16	1573.233
EAST SHUGART DELAWARE UNIT #011	30-025-29940	SW 4/NW 4	E-19-18S-32E	SHUGART;DELAWARE, EAST (56419)	126	38.91	26	1506.473
EAST SHUGART DELAWARE UNIT #012	30-025-29939	SE 4/NW 4	F-19-18S-32E	SHUGART;DELAWARE, EAST (56419)	30	36.75	6	1759.232
EAST SHUGART DELAWARE UNIT #013	30-015-25734	NW 4/SE 4	J-24-18S-31E	SHUGART;DELAWARE, EAST (56419)	3	38.8	1	1489.763
EAST SHUGART DELAWARE UNIT #014	30-015-25652	NE 4/SE 4	I-24-18S-31E	SHUGART;DELAWARE, EAST (56419)	3	36.12	1	1610.529
EAST SHUGART DELAWARE UNIT #015	30-025-30187	NW 4/SW 4	L-19-18S-32E	SHUGART;DELAWARE, EAST (56419)	3	37.46	5	1538.813
EAST SHUGART DELAWARE UNIT #016	30-025-30111	NE 4/SE 4	K-19-18S-32E	SHUGART;DELAWARE, EAST (56419)	1	34.94	1	1314.968
EAST SHUGART DELAWARE UNIT #026	30-015-40848	NE 4/NE 4	A-24-18S-31E	SHUGART; DELAWARE, EAST (56419)				
EAST SHUGART DELAWARE UNIT #027	30-025-40909	NW 4/NW 4	D-19-18S-32E	SHUGART;DELAWARE, EAST (56419)				
EAST SHUGART DELAWARE UNIT #028	30-015-40871	SE 4/NE 4	H-24-18S-31E	SHUGART;DELAWARE, EAST (56419)				
EAST SHUGART DELAWARE UNIT #029	30-025-40870	SW 4/NW 4	E-19-18S-32E	SHUGART; DELAWARE, EAST (56419)				
EAST SHUGART DELAWARE UNIT #030	30-025-40913	NW 4/NW 4	D-19-18S-32E	SHUGART;DELAWARE, EAST (56419)				

^{*} EAST SHUGART DELAWARE UNIT #007 - had no pressure to pull sample for BTU test.

With hydrocarbon production from:

Federal Lease No. NMNM106714

Well Name	API	Lo	cation:	F <mark>ormation</mark>	BOPD	Gravity	MCFPD	BTU.
GERONIMO FEDERAL #001	30-015-24927	SW 4/NE 4	G-24-18S-31E	SHUGART;YATES-7RS-QU-GRAYBURG (56439)	14	35.5	10	1363.927
GERONIMO FEDERAL #006	30-015-25597	NE 4/NE 4	A-24-18S-31E	SHUGART;YATES-7RS-QU-GRAYBURG (56439)	19	30.07	10	1157.164

And hydrocarbon production from:

Federal Lease No. NMNM106715

Welliname	API .	لما	cation	Formation :	BOPD	Gravity	MCFPD	BTÜ 📴
INCA FEDERAL #005	30-025-35229	SW 4/NW 4	E-19-18S-32E	SHUGART;YATES-7RS-QU-GRAYBURG (56439)	3	25.83	5	856.039

And hydrocarbon production from:

Federal Lease No. NMNM67987

: Well Name	API	Lo	cation.	Formation	BOPD	Gravity	MCFPD	BTU
JADE FEDERAL #002	30-025-30038	SE 4/NW 4	F-19-18S-32E	SHUGART;YATES-7RS-QU-GRAYBURG (56439)	3	35.32	5	1046.680

And hydrocarbon production from:

Federal Lease No. NMNM106716

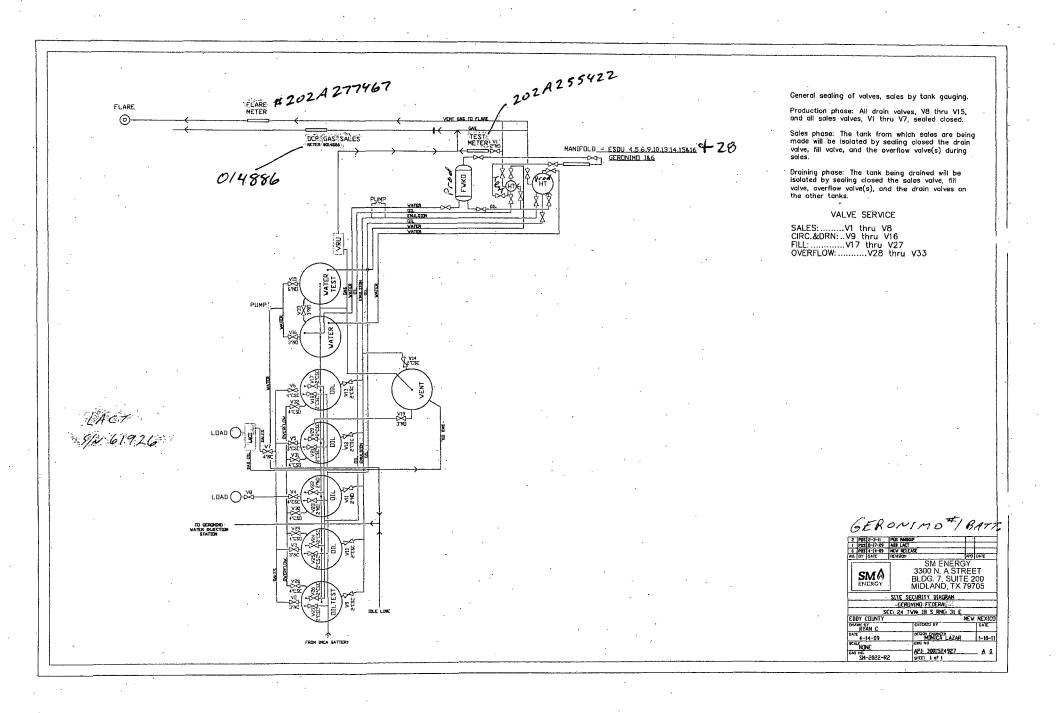
WellName	API	Lo	cation	Formation	BOPD	Gravity	MGFPD	ВТШ
CONOCO FEDERAL #002	30-025-29803	SW 4/SW 4	M-18-18S-32E	SHUGART;YATES-7RS-QU-GRAYBURG (56439)	N/A	N/A	10	1289.020

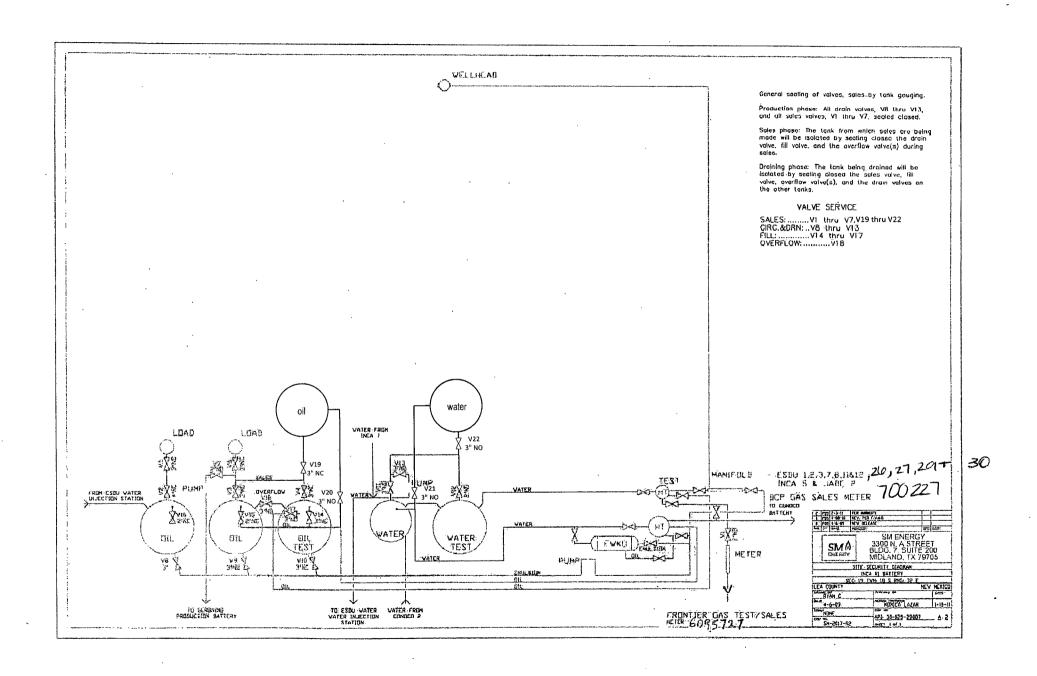
The Storage and measuring facility for oil and gas is located at SW4/NE4; G-24-18S-31E on Lease No. NMNM106714 (Geronimo Battery) Eddy County NM & for some gas located at NW4/NW4; D-19-18S-32E on Lease No. NMNM106715 (Inca Battery + ESDU 7) Lea County NM & at SW4/SW4; M-18-T18S-R32E NMNM106716 (Conoco Federal) SWSW M-18-T18S-R32E, Lea County NM

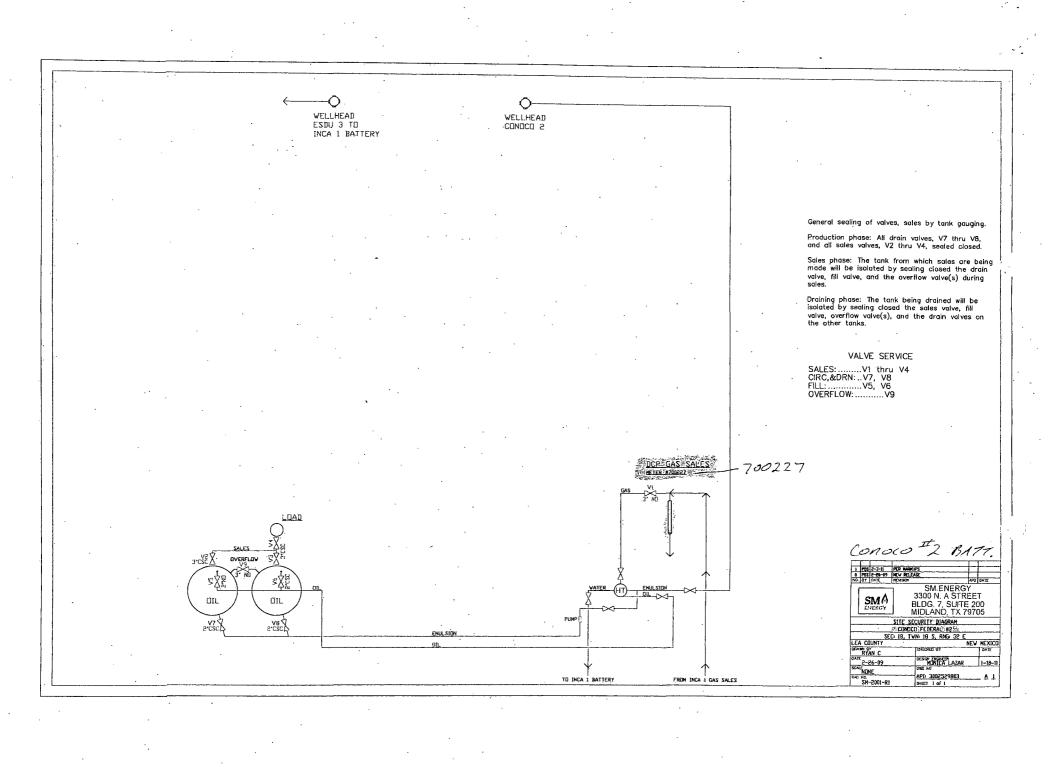
All of These Leases & Wells & Facilities are also in unit NM101361X (East Shugart Delaware Unit)

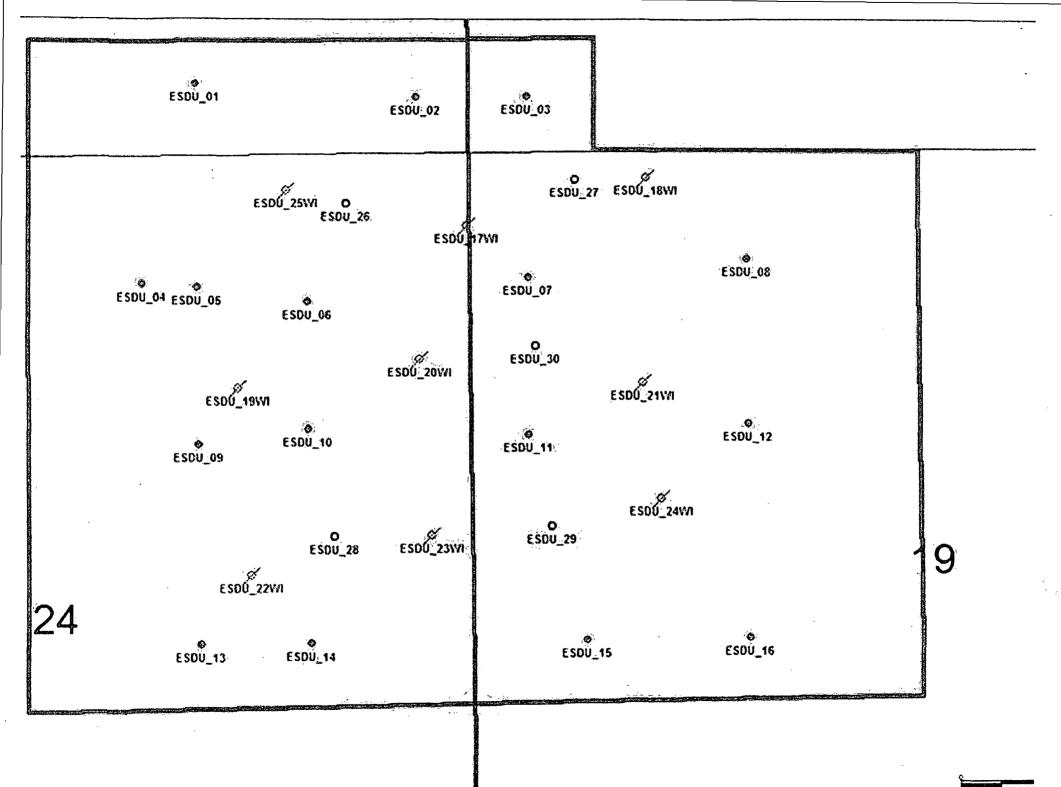
The Storage and measuring facility for oil and gas is located at SW4/NE4; G-24-18S-31E on Lease No. NMNM106714 (Geronimo Battery) Eddy County NM & for some gas located at NW4/NW4; D-19-18S-32E on Lease No. NMNM106715 (Inca Battery + ESDU 7) Lea County NM & at SW4/SW4; M-18-T18S-R32E NMNM106716 (Conoco Federal) SWSW M-18-T18S-R32E, Lea County NM

All of These Leases & Wells & Facilities are also in unit NM101361X (East Shugart Delaware Unit)









C.F.F.



3300 N. A Street, Bldg. 7-200 Midland, Texas 79705 432.688.1700 432.688.1701 fax SM-Energy.com

January 3, 2013

CERTIFIED MAIL RETURN RECEIPT REQUESTED

Re: SM Energy Company Well Additions to add to existing Surface Commingle Oil and Gas at central delivery points located in Section 24, T-18-S, R-31-E & Section 19, T-18-S, R-32-E in Eddy/Lea County, New Mexico.

Ladies and Gentlemen:

Please find a copy of the above-referenced letter which is being sent to the New Mexico Oil Conservation Commission today by SM Energy Company.

SM Energy is in the process of drilling and completing the ESDU 26, 27, 28, 29 & 30 wells and want to notify you that we plan on adding the ESDU 26, 27, 29 & 30 wells to the Inca Battery and ESDU 28 to the Geronimo Battery.

As an owner of an interest in leases that will be surface commingled, you may object to this. Objections must be filed in writing within (20) days from this date at the Division's Santa Fe office that is located at 1220 South Frances Drive, Santa Fe, New Mexico 87505. If no objection is received within this twenty-day period, this surface commingling will occur as stated in this letter.

Sincerely,

Vickie Martinez Engineer Tech II SM Energy Company

Enclosure



January 3, 2013

3300 N. A Street, Bldg. 7-200 Midland, Texas 79705 432.688.1700 432.688.1701 fax SM-Energy.com

New Mexico Energy, Minerals and Natural Resources Department

Attn: Richard Ezeanyim
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Dear Richard,

SM Energy Company has an existing approved commingling permit, which is, Administrative Order PLC-333. SM Energy is in the process of drilling and completing ESDU Wells 26, 27, 28, 29 & 30. These wells would be added to the existing **Pools** and **Leases** located in Township 18 South, Ranges 31 and 32 East NMPM, Eddy and Lea Counties, New Mexico which are approved on the existing Administrative Order PLC-333 and within its boundaries.

Pools

Shugart; Delaware, East (56419)

Shugart; Yates-7RS-QU-Grayburg (56439)

Leases

NMNM101361X NMNM106714 NMNM106715 NMNM67987 NMNM106716

And from the following diversely owned wells identified in Tables 1 and 2 below:

Table 1 Geronimo Battery (Location G-24-18S-31E; SW/4/NE/4; Eddy Co. NM)

WelliName	API		Footages
EAST SHUGART DELAWARE UNIT #001	30-015-25741	O-13-18S-31E	430 FSL & 1650 FEL
EAST SHUGART DELAWARE UNIT #002	30-015-25847	P-13-18S-31E	330 FSL & 330 FEL
EAST SHUGART DELAWARE UNIT #003	30-025-29695	M-18-18S-32E	330 FSL & 330 FWL
EAST SHUGART DELAWARE UNIT #004	30-015-25546	B-24-18S-31E	765 FNL & 1980 FEL
EAST SHUGART DELAWARE UNIT #005	30-015-26022	B-24-18S-31E	790 FNL & 1650 FEL
EAST SHUGART DELAWARE UNIT #006	30-015-25385	A-24-18S-31E	890 FNL & 990 FEL
EAST SHUGART DELAWARE UNIT #007	30-025-29887	D-19-18S-32E	760 FNL & 330 FWL
EAST SHUGART DELAWARE UNIT #008	30-025-29978	C-19-18S-32E	660 FNL & 1650 FWL
EAST SHUGART DELAWARE UNIT #009	30-015-25723	G-24-18S-31E	1730 FNL & 1650 FEL

WellName	API .		Footages
EAST SHUGART DELAWARE UNIT #010	30-015-25457	H-24-18S-31E	1650 FNL & 990 FEL
EAST SHUGART DELAWARE UNIT #011	30-025-29940	E-19-18S-32E	1700 FNL & 330 FWL
EAST SHUGART DELAWARE UNIT #012	30-025-29939	F-19-18S-32E	1650 FNL & 1650 FWL
EAST SHUGART DELAWARE UNIT #013	30-015-25734	J-24-18S-31E	2310 FSL & 1650 FEL
EAST SHUGART DELAWARE UNIT #014	30-015-25652	I-24-18S-31E	2310 FSL & 990 FEL
EAST SHUGART DELAWARE UNIT #015	30-025-30187	L-19-18S-32E	2310 FSL & 660 FWL
EAST SHUGART DELAWARE UNIT #016	30-025-30111	K-19-18S-32E	2310 FSL & 1650 FWL
EAST SHUGART DELAWARE UNIT #028	30-015-40871	H-24-18S-31E	2280 FNL & 810 FEL
GERONIMO FEDERAL #001	30-015-24927	G-24-18S-31E	2310 FNL & 2310 FEL
GERONIMO FEDERAL #006	30-015-25597	A-24-18S-31E	790 FNL & 940 FEL
INCA FEDERAL #005	30-025-35229	E-19-18S-32E	1697 FNL & 470 FWL
JADE FEDERAL #002	30-025-30038	F-19-18S-32E	1650 FNL & 1750 FWL

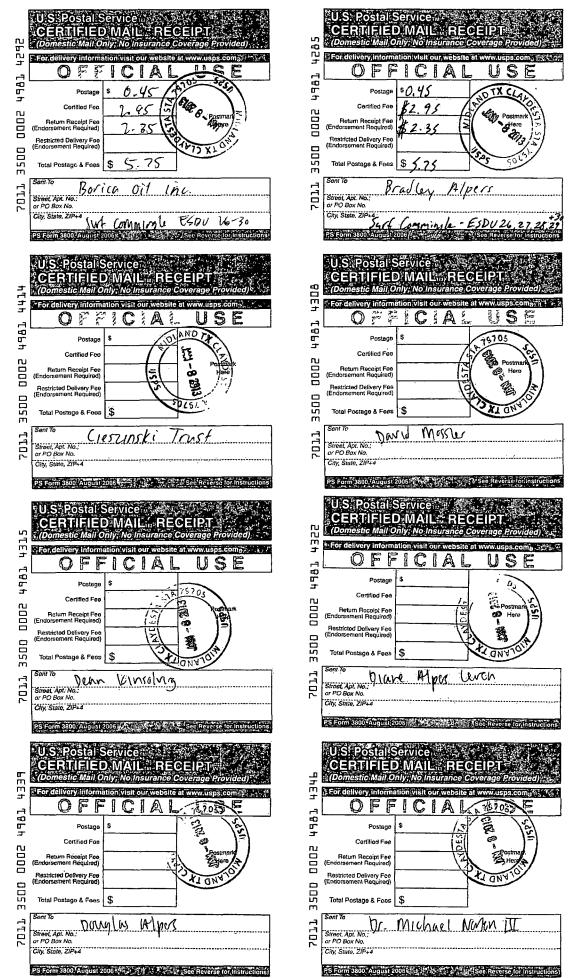
Table 2 Inca Battery (Location 1-19-18S-32E; NW/4/NW/4; Lea Co. NM)

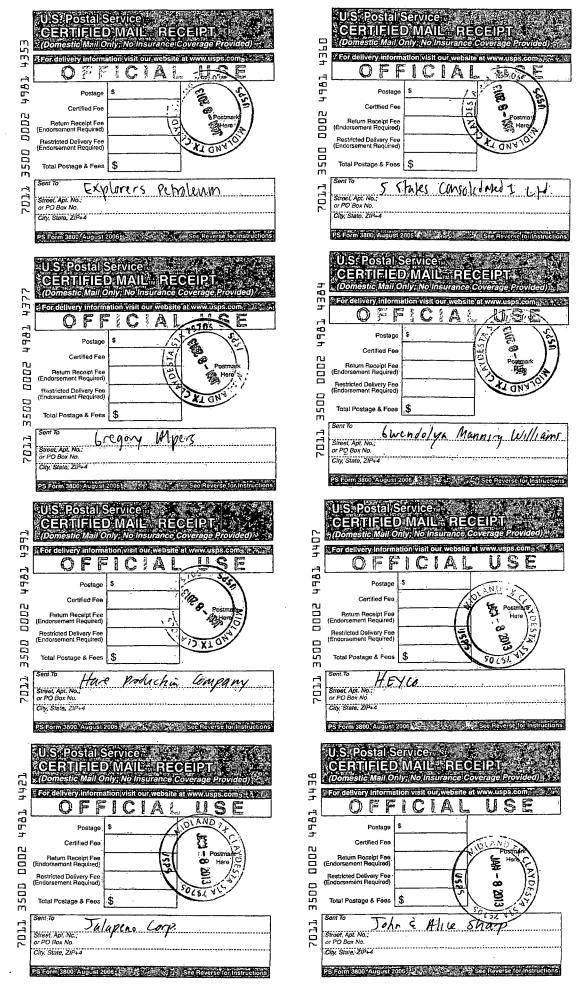
,Well Name+	API -		Footages
EAST SHUGART DELAWARE UNIT #001	30-015-25741	O-13-18S-31E	430 FSL & 1650 FEL
EAST SHUGART DELAWARE UNIT #002	30-015-25847	P-13-18S-31E	330 FSL & 330 FEL
EAST SHUGART DELAWARE UNIT #003	30-025-29695	M-18-18S-32E	330 FSL & 330 FWL
EAST SHUGART DELAWARE UNIT #007	30-025-29887	D-19-18S-32E	760 FNL & 330 FWL
EAST SHUGART DELAWARE UNIT #008	30-025-29978	C-19-18S-32E	660 FNL & 1650 FWL
EAST SHUGART DELAWARE UNIT #011	30-025-29940	E-19-18S-32E	1700 FNL & 330 FWL
EAST SHUGART DELAWARE UNIT #012	30-025-29939	F-19-18S-32E	1650 FNL & 1650 FWL
EAST SHUGART DELAWARE UNIT #026	30-015-40848	A-24-18S-31E	300 FNL & 735 FEL
EAST SHUGART DELAWARE UNIT #027	PENDING	?-19-18S-32E	222 FNL & 490 FWL
EAST SHUGART DELAWARE UNIT #029	30-025-40870	E-19-185-32E	2245 FNL & 460 FWL
EAST SHUGART DELAWARE UNIT #030	PENDING	?-19-18S-32E	1190 FNL & 480 FWL
CONOCO FEDERAL #002	30-025-29803	M-18-18S-32E	400 FSL & 400 FWL

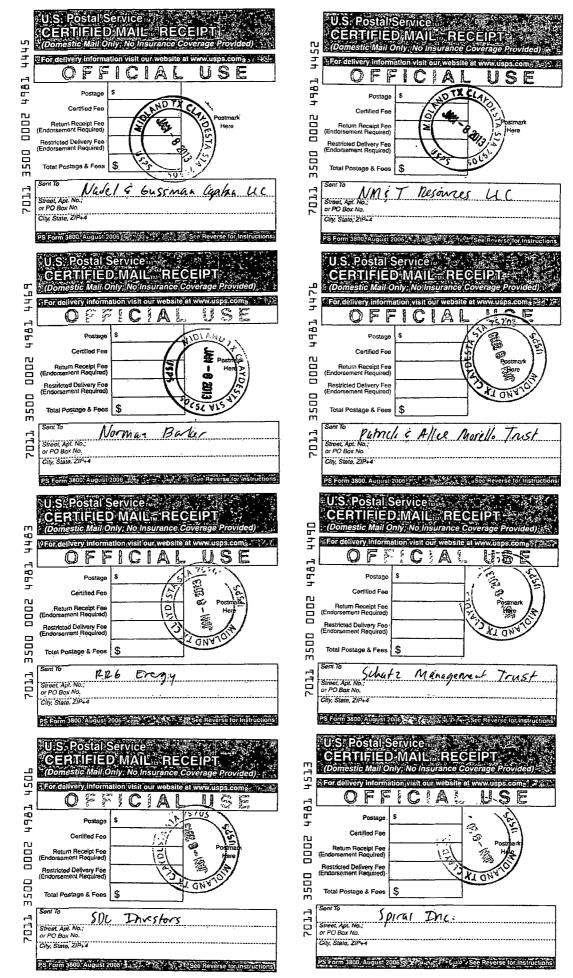
If you have any questions/concerns, please do not hesitate to contact me at (432) 688-1709 or by e-mail at vmartinez@sm-energy.com.

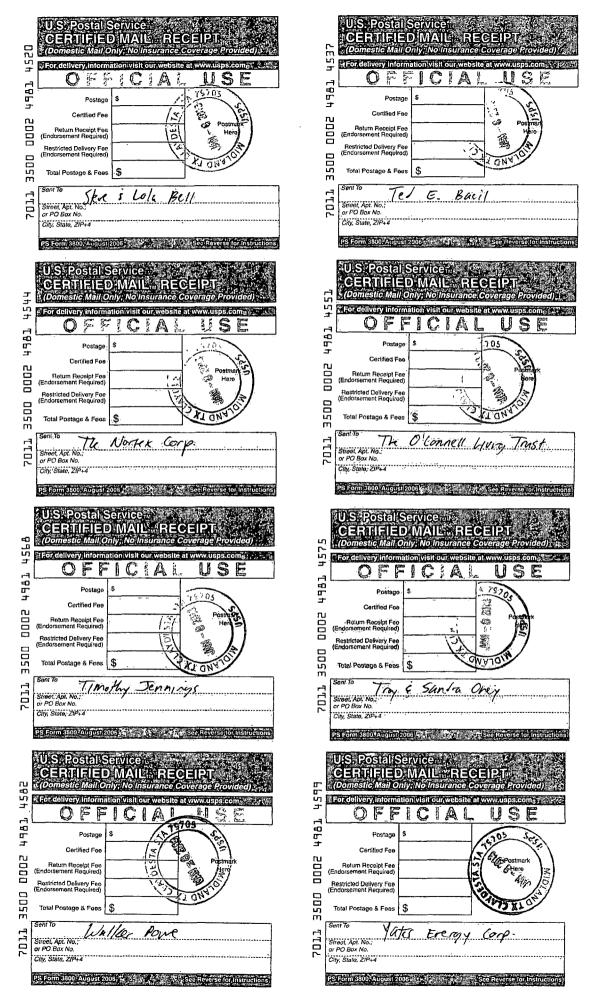
Sincerely,

Vickie Martinez Engineer Tech II









	<u>-</u>				
DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO.

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



	ASMINIOTRATIVE AT LIGATION OFFICENCIES
٦	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
Appli	cation Acronyms: [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication] [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]
[1]	TYPE OF APPLICATION - Check Those Which Apply for [A] [A] Location - Spacing Unit - Simultaneous Dedication [] NSL [] NSP [] SD
	Check One Only for [B] or [C] [B] Commingling - Storage - Measurement DHC CTB DPC PC OLS OLM
	[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery WFX PMX SWD IPI EOR PPR [D] Other: Specify OMCOD PLC - 333
	[D] Other: Specify UNICAL VCC - 999
[2]	NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply [A] Working, Royalty or Overriding Royalty Interest Owners
	[B] Offset Operators, Leaseholders or Surface Owner
	[C] Application is One Which Requires Published Legal Notice
	[D] Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
	[E] For all of the above, Proof of Notification or Publication is Attached, and/or,
	[F] Waivers are Attached
[3]	SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.
	CERTIFICATION: I hereby certify that the information submitted with this application for administrative eval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this cation until the required information and notifications are submitted to the Division.
VI (Note: Statement must be completed by an individual with managerial and/or supervisory capacity. Control or Type Name

<u>District I</u> 1625 N. French Drive, Hobbs, NM 88240 <u>District II</u> 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

E-MAIL ADDRESS: VMARTINEZ@SM-ENERGY.COM

State of New Mexico

Energy, Minerals and Natural Resources Department

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.

Form C-107-B Revised August 1, 2011

APPLICATION	FOR SURFACE	COMMINGLING	(DIVERSE	OWNERSHIP)						
OPERATOR NAME: SM ENERGY COMPANY										
OPERATOR ADDRESS: 3300 N "A" STREET, BLDG 7-200 MIDLAND, TX 79705										
APPLICATION TYPE:	677 5 4 4 6 6	🗖								
☐ Pool Commingling ☐ Lease Commingling			Storage and Measu	rement (Only if not Surface	e Commingled)					
LEASE TYPE: Fee	State X Fede			N						
Is this an Amendment to existing Order Have the Bureau of Land Management					ingling					
X Yes □No	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·								
		OL COMMINGLIN s with the following in								
(1) Pool Names and Codes	(1) Pool Names and Codes Gravities / BTU of Non-Commingled Production Calculated Gravities / BTU of Commingled Commingled Production Calculated Value of Commingled Commingled Production Calculated Value of Commingled Production									
		-		_						
				1						
		_								
		_		-						
(2) Are any wells producing at top allows	bles? ☐Yes ဩNo									
(3) Has all interest owners been notified l		oposed commingling?	∑Yes □No.							
(4) Measurement type: Metering	MOther (Specify) WE	LL TEST								
(5) Will commingling decrease the value	of production?	☑No If "yes", descri	be why commingl	ing should be approved						
		SE COMMINGLINGS with the following in								
(1) Pool Name and Code.				<u>, , , , , , , , , , , , , , , , , , , </u>						
(2) Is all production from same source of			MONTH TO	r.,						
(3) Has all interest owners been notified by (4) Measurement type: Metering			⊠Yes □N	NO						
(1)		L IESI								
	(C) POOL and	LEASE COMMIN	CHING							
		ts with the following in								
(1) Complete Sections A and E.										
		FORAGE and MEA ets with the following								
(1) Is all production from same source of			momation							
(2) Include proof of notice to all interest										
			V.		·					
(E) A		DRMATION (for all ts with the following it		ypes)						
(1) A schematic diagram of facility, inclu										
(2) A plat with lease boundaries showing		ions. Include lease numb	ers if Federal or St	ate lands are involved.						
(3) Lease Names, Lease and Well Number	ers, and API Numbers.									
I hereby certify that the information above	s true and complete to the	e best of my knowledge ar	nd belief.	ì	10112					
SIGNATURE: Y UUU)	UWUUNB	LE: ENGINEER T	ECH II	DATE:	14113					
TYPE OR PRINT NAME VICKIE MA	RTINEZ		TEI	lephone no.: <u> (432)</u> 6	88-1709					

SM-Energy Company is requesting approval for surface commingling and/or off-lease storage and measurement of hydrocarbon production for the following formation(s) and well(s):

Federal Lease No. <u>NMNM101361X</u>

WelliName	API	Loc	ation	¿Formation:	BOPD	Gravity	MCFPD	BTÜ
EAST SHUGART DELAWARE UNIT #001	30-015-25741	SW 4/SE 4	O-13-18S-31E	SHUGART; DELAWARE, EAST (56419)	16	33.12	8	1300.418
EAST SHUGART DELAWARE UNIT #002	30-015-25847	SE 4/ SE 4	P-13-18S-31E	SHUGART; DELAWARE, EAST (56419)	53	34.01	8_	1750.939
EAST SHUGART DELAWARE UNIT #003	30-025-29695	SW 4/SW 4	M-18-18S-32E	SHUGART;DELAWARE, EAST (56419)	33	39.16	11	1534.867
EAST SHUGART DELAWARE UNIT #004	30-015-25546	NW 4/NE 4	B-24-18S-31E	SHUGART;DELAWARE, EAST (56419)	3	39.79	1	1521.442
EAST SHUGART DELAWARE UNIT #005	30-015-26022	NW 4/NE 4	B-24-18S-31E	SHUGART; DELAWARE, EAST (56419)	50	38.75	8	1766.317
EAST SHUGART DELAWARE UNIT #006	30-015-25385	NE 4/NE 4	A-24-18S-31E	SHUGART;DELAWARE, EAST (56419)	95	41.01	14	1798.259
EAST SHUGART DELAWARE UNIT #007	30-025-29887	NW 4/NW 4	D-19-18S-32E	SHUGART;DELAWARE, EAST (56419)	64	36.68	10	*
EAST SHUGART DELAWARE UNIT #008	30-025-29978	NE 4/NW 4	C-19-18S-32E	SHUGART;DELAWARE, EAST (56419)	22	35.42	8	1272.982
EAST SHUGART DELAWARE UNIT #009	30-015-25723	SW 4/NW 4	G-24-18S-31E	SHUGART;DELAWARE, EAST (56419)	19	38.97	9	1819.776
EAST SHUGART DELAWARE UNIT #010	30-015-25457	SE 4/NE 4	H-24-18S-31E	SHUGART;DELAWARE, EAST (56419)	168	34.75	16	1573.233
EAST SHUGART DELAWARE UNIT #011	30-025-29940	SW 4/NW 4	E-19-18S-32E	SHUGART;DELAWARE, EAST (56419)	126	38.91	26	1506.473
EAST SHUGART DELAWARE UNIT #012	30-025-29939	SE 4/NW 4	F-19-18S-32E	SHUGART;DELAWARE, EAST (56419)	30	36.75	6.	1759.232
EAST SHUGART DELAWARE UNIT #013	30-015-25734	NW 4/SE 4	J-24-18S-31E	SHUGART;DELAWARE, EAST (56419)	3	38.8	1	1489.763
EAST SHUGART DELAWARE UNIT #014	30-015-25652	NE 4/SE 4	I-24-18S-31E	SHUGART;DELAWARE, EAST (56419)	3	36.12	1	1610.529
EAST SHUGART DELAWARE UNIT #015	30-025-30187	NW 4/SW 4	L-19-18S-32E	SHUGART;DELAWARE, EAST (56419)	3	37.46	5	1538.813
EAST SHUGART DELAWARE UNIT #016	30-025-30111	NE 4/SE 4	K-19-18S-32E	SHUGART;DELAWARE, EAST (56419)	1	34.94	1	1314.968
EAST SHUGART DELAWARE UNIT #026	30-015-40848	NE 4/NE 4	A-24-18S-31E	SHUGART; DELAWARE, EAST (56419)				
EAST SHUGART DELAWARE UNIT #027	PENDING	PENDING	?-19-18S-32E	SHUGART; DELAWARE, EAST (56419)				
EAST SHUGART DELAWARE UNIT #028	30-015-40871	SE 4/NE 4	H-24-18S-31E	SHUGART; DELAWARE, EAST (56419)				
EAST SHUGART DELAWARE UNIT #029	30-025-40870	SW 4/NW 4	E-19-18S-32E	SHUGART; DELAWARE, EAST (56419)				
EAST SHUGART DELAWARE UNIT #030	PENDING	PENDING	?-19-18S-32E	SHUGART; DELAWARE, EAST (56419)				

^{*} EAST SHUGART DELAWARE UNIT #007 - had no pressure to pull sample for BTU test.

^{**} EAST SHUGART DELAWARE UNIT #026 – Drilling at this time with #029 and #028 to follow

^{***} EAST SHUGART DELAWARE UNIT #027 & #030 – APD submitted on 11/12/2012

With hydrocarbon production from:

Federal Lease No. NMNM106714

Wéll Name	API	, a ⊋ Lo	cation	Formation 4.	BOPD	Gravity	MCFPD	BTÜ
GERONIMO FEDERAL #001	30-015-24927	SW 4/NE 4	G-24-18S-31E	SHUGART;YATES-7RS-QU-GRAYBURG (56439)	14	35.5	. 10	1363.927
GERONIMO FEDERAL #006	30-015-25597	NE 4/NE 4	A-24-18S-31E	SHUGART;YATES-7RS-QU-GRAYBURG (56439)	19	30.07	10	1157.164

And hydrocarbon production from:

Federal Lease No. NMNM106715

Well Name	API	Lo	cation	Formation.	BOPD	Gravity	MCFPD	BTU
INCA FEDERAL #005	30-025-35229	SW 4/NW 4	E-19-18S-32E	SHUGART;YATES-7RS-QU-GRAYBURG (56439)	3	25.83	5	856.039

And hydrocarbon production from:

Federal Lease No. NMNM67987

Well Name	API .	lo	ocation	Formation :		BOPD	Gravity	MCFPD	BTU -
JADE FEDERAL #002	30-025-30038	SE 4/NW 4	F-19-18S-32E	SHUGART;YATES-7RS-QU-GRAYB	JRG (56439)	3	35.32	5	1046.680

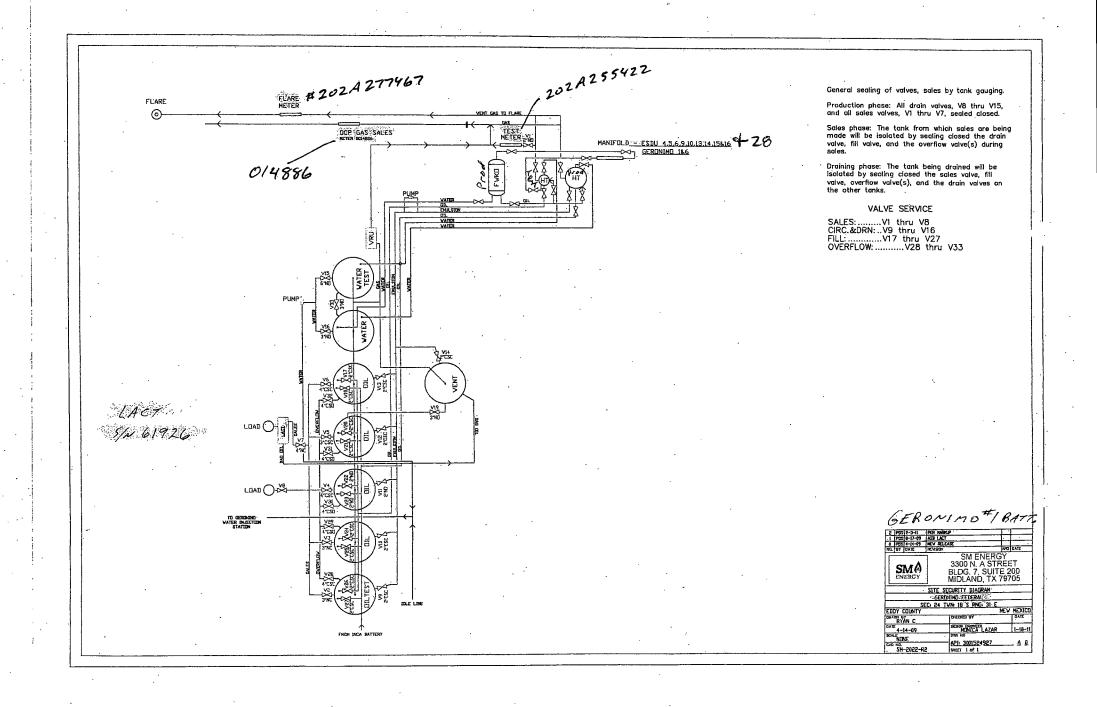
And hydrocarbon production from:

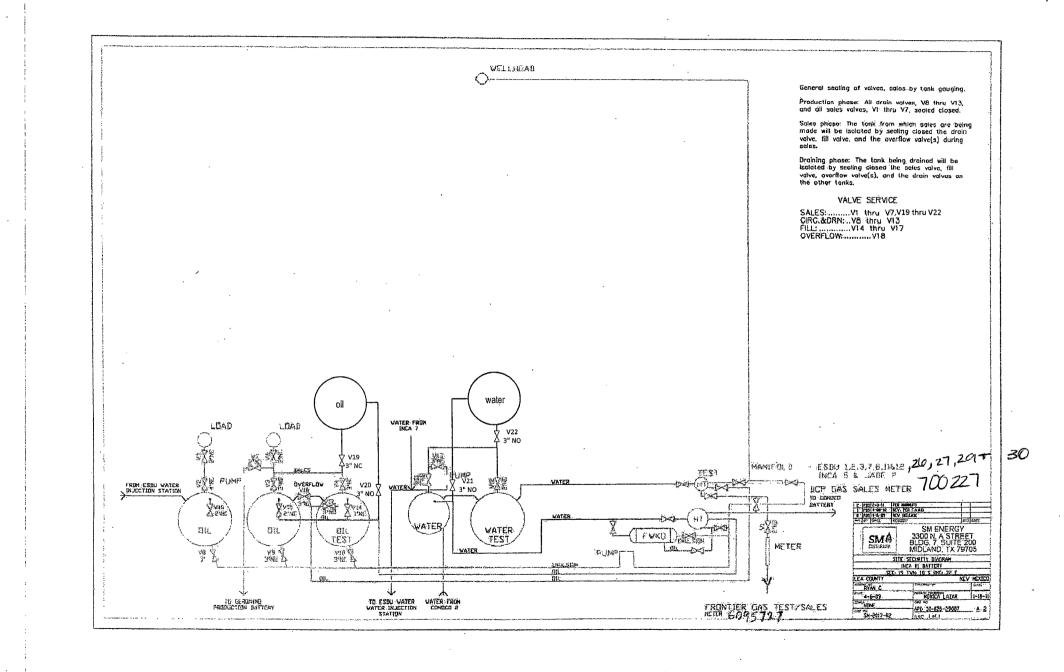
Federal Lease No. NMNM106716

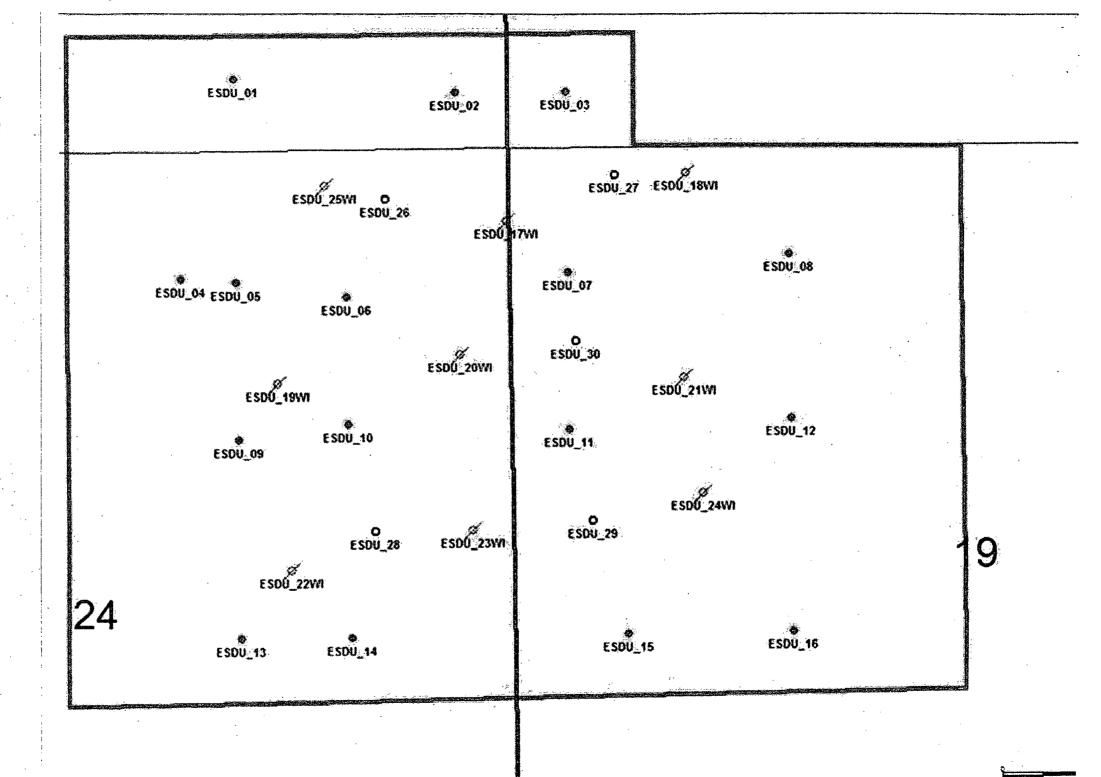
Well Name	API	Lo	cation	«Formation	BOPD	Gravity	MCFPD:	BTU
CONOCO FEDERAL #002	30-025-29803	SW 4/SW 4	M-18-18S-32E	SHUGART;YATES-7RS-QU-GRAYBURG (56439)	N/A	N/A	10	1289.020

The Storage and measuring facility for oil and gas is located at SW4/NE4; G-24-18S-31E on Lease No. NMNM106714 (Geronimo Battery) Eddy County NM & for some gas located at NW4/NW4; D-19-18S-32E on Lease No. NMNM106715 (Inca Battery + ESDU 7) Lea County NM & at SW4/SW4; M-18-T18S-R32E NMNM106716 (Conoco Federal) SWSW M-18-T18S-R32E, Lea County NM

All of These Leases & Wells & Facilities are also in unit NM101361X (East Shugart Delaware Unit)







WELL.





January 9, 2013

New Mexico Energy, Minerals and Natural Resources Department Attn: Richard Ezeanyim Oil Conservation Division 1220 South St. Francis Drive Santa Fe, NM 87505

Dear Richard,

SM Energy Company has an existing approved commingling permit, which is, Administrative Order PLC-333. SM Energy is in the process of drilling and completing ESDU Wells 26, 27, 28, 29 & 30. These wells would be added to the existing **Pools** and **Leases** located in Township 18 South, Ranges 31 and 32 East NMPM, Eddy and Lea Counties, New Mexico which are approved on the existing Administrative Order PLC-333 and within its boundaries.

Pools

Shugart; Delaware, East (56419)

Shugart; Yates-7RS-QU-Grayburg (56439)

<u>Leases</u>

NMNM101361X NMNM106714 NMNM106715 NMNM67987 NMNM106716

And from the following diversely owned wells identified in Tables 1 and 2 below:

Table 1 Geronimo Battery (Location G-24-18S-31E; SW/4/NE/4; Eddy Co. NM)

Well Name	API		Footages
EAST SHUGART DELAWARE UNIT #001	30-015-25741	O-13-18S-31E	430 FSL & 1650 FEL
EAST SHUGART DELAWARE UNIT #002	30-015-25847	P-13-18S-31E	330 FSL & 330 FEL
EAST SHUGART DELAWARE UNIT #003	30-025-29695	M-18-18S-32E	330 FSL & 330 FWL
EAST SHUGART DELAWARE UNIT #004	30-015-25546	B-24-18S-31E	765 FNL & 1980 FEL
EAST SHUGART DELAWARE UNIT #005	30-015-26022	B-24-18S-31E	790 FNL & 1650 FEL
EAST SHUGART DELAWARE UNIT #006	30-015-25385	A-24-18S-31E	890 FNL & 990 FEL
EAST SHUGART DELAWARE UNIT #007	30-025-29887	D-19-18S-32E	760 FNL & 330 FWL
EAST SHUGART DELAWARE UNIT #008	30-025-29978	C-19-18S-32E	660 FNL & 1650 FWL
EAST SHUGART DELAWARE UNIT #009	30-015-25723	G-24-18S-31E	1730 FNL & 1650 FEL

Well Name	API , , ,		Footages
EAST SHUGART DELAWARE UNIT #010	30-015-25457	H-24-18S-31E	1650 FNL & 990 FEL
EAST SHUGART DELAWARE UNIT #011	30-025-29940	E-19-18S-32E	1700 FNL & 330 FWL
EAST SHUGART DELAWARE UNIT #012	30-025-29939	F-19-18S-32E	1650 FNL & 1650 FWL
EAST SHUGART DELAWARE UNIT #013	30-015-25734	J-24-18S-31E	2310 FSL & 1650 FEL
EAST SHUGART DELAWARE UNIT #014	30-015-25652	I-24-18S-31E	2310 FSL & 990 FEL
EAST SHUGART DELAWARE UNIT #015	30-025-30187	L-19-18S-32E	2310 FSL & 660 FWL
EAST SHUGART DELAWARE UNIT #016	30-025-30111	K-19-18S-32E	2310 FSL & 1650 FWL
EAST SHUGART DELAWARE UNIT #028	30-015-40871	H-24-18S-31E	2280 FNL & 810 FEL
GERONIMO FEDERAL #001	30-015-24927	G-24-18S-31E	2310 FNL & 2310 FEL
GERONIMO FEDERAL #006	30-015-25597	A-24-18S-31E	790 FNL & 940 FEL
INCA FEDERAL #005	30-025-35229	E-19-18S-32E	1697 FNL & 470 FWL
JADE FEDERAL #002	30-025-30038	F-19-18S-32E	1650 FNL & 1750 FWL

New

Table 2 Inca Battery (Location 1-19-18S-32E; NW/4/NW/4; Lea Co. NM)

Table 2 inter pattery (Location 2 3	.5 200 022, 111	-/ ·/ · · · · · · · · · · · · · · · · ·	1 00. 11111,	_
WelliName	API		Footages /	
EAST SHUGART DELAWARE UNIT #001	30-015-25741	O-13-18S-31E	430 FSL & 1650 FEL	
EAST SHUGART DELAWARE UNIT #002	30-015-25847	P-13-18S-31E	330 FSL & 330 FEL	}
EAST SHUGART DELAWARE UNIT #003	30-025-29695	M-18-18S-32E	330 FSL & 330 FWL	
EAST SHUGART DELAWARE UNIT #007	30-025-29887	D-19-18S-32E	760 FNL & 330 FWL	
EAST SHUGART DELAWARE UNIT #008	30-025-29978	C-19-18S-32E	660 FNL & 1650 FWL	}
EAST SHUGART DELAWARE UNIT #011	30-025-29940	E-19-18S-32E	1700 FNL & 330 FWL]
EAST SHUGART DELAWARE UNIT #012	30-025-29939	F-19-18S-32E	1650 FNL & 1650 FWL] .
EAST SHUGART DELAWARE UNIT #026	1 30-015-40848	A-24-18S-31E	300 FNL & 735 FEL	New
EAST SHUGART DELAWAŖÉ UNIT #027	RENDING	?-19-18S-32E	222 FNL & 490 FWL	New.
EAST SHUGART DELAWARE UNIT #029	30-025-40870	E-19-18S-32E	2245 FNL & 460 FWL	New
EAST SHUGART DELAWARE UNIT #030	PENDING	?-19-18S-32E	1190 FNL & 480 FWL]New
CONOCO FEDERAL #002	-30-025-29803	M-18-18S-32E	400 FSL & 400 FWL]

Interest Owners were notified on original application with no objections. Please find original letter attached.

If you have any questions/concerns, please do not hesitate to contact me at (432) 688-1709 or by e-mail at vmartinez@sm-energy.com.

Sincerely,

Engineer Tech II



3300 N. A Street, Bldg. 7-200 Midland, Texas 79705 432.688.1700 432.688.1701 fax SM-Energy.com

October 13, 2010

CERTIFIED MAIL RETURN RECEIPT REQUESTED

Re:

Application of SM Energy Company to Surface Commingle Oil and Gas at central delivery points located in Section 24, T-18-S, R-31-E, (see exhibit A & B) & Section 19, T-18-S, R-32-E, (see exhibit C) in Eddy County, NM.

Ladies and Gentlemen:

Enclosed please find a copy of the above-referenced application and attachments, which will be filed with the New Mexico Oil Conservation Commission on October 18, 2010 by SM Energy Company.

Attached are exhibits that reflect the battery locations of sales dispositions and wells that will contribute to said oil and gas dispositions. To satisfy the guidelines for off lease measurement, storage, and surface commingling, volumes will be allocated using well tests to determine each well's percent of production and sales: The value of production should not be decreased as a result of commingling.

This Commingle may be expanded in the future with the addition of more wells or pools to include wells in the radius of sections sharing lease lines to Section 13, T18S, R31E - Section 24, T18S, R31E - Section 18, T-18S, R32E & Section 19, T-18S, R32E, in which wells in that area produce in the following pools: Shugart, Delaware, East and Shugart; Yates-7RS-QU-Grayburg, and Bone Spring area. If it is expanded, the method of allocating production by use of well testing or metering will be employed. You (the existing interest owners) are being formally noticed at this time of the fact that you will NOT be re-noticed if these new wells or pools are added—unless the addition is outside the limits set herein, or the method of allocating production is changed.

As an owner of an interest in leases that are proposed for surface commingling, you may object to this application. Objections must be filed in writing within (20) days from the date of this letter at the Division's Santa Fe office that is located at 1220 South Frances Drive, Santa Fe, NM 87505. If no objections are received within this twenty-day period, the application for surface commingling may be approved.

Sincerely,

Donna Huddleston, Engineering Technician

Phone: (432) 688-1789 Fax: (432) 688-1701

Email: dhuddleston@sm-energy.com

Enclosures DH/MCS