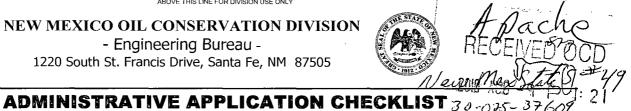
ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -1220 South St. Francis Drive, Santa Fe, NM 87505



		WHICH REQUIRE F	TRATIVE APPLICATIONS F PROCESSING AT THE DIVIS	OR EXCEPTIONS TO DIVISION RUL SION LEVEL IN SANTA FE	ES AND REGULATIONS
Appli	[DHC-Dow [PC-Po	ndard Location] [NSP-N nhole Commingling] [OL: pol Commingling] [OL: [WFX-Waterflood Expar	[CTB-Lease Comming S - Off-Lease Storage Ision] [PMX-Press Disposal] [IPI-Inject	e] [OLM-Off-Lease Measurure Maintenance Expansion tion Pressure Increase]	ommingling] rement] i]
[1]	_	PPLICATION - Check To Location - Spacing Un NSL NSP	Those Which Apply fo	- or [A]	
	Check [B]	one Only for [B] or [C] Commingling - Storag ☐ DHC ☐ CTB	e - Measureme <u>nt</u>	C OLS OLM	
	[C]	Injection - Disposal - I WFX PMX	Pressure Increase - En		
	[D]	Other: Specify			
[2]	NOTIFICAT [A]		- Check Those Which or Overriding Royalt	Apply, or Does Not Appl y Interest Owners	y
	[B]	Offset Operators,	Leaseholders or Surfa	ace Owner	
	[C]	Application is On	e Which Requires Pu	blished Legal Notice	
	[D]		or Concurrent Approv		
	[E]	For all of the above	ve, Proof of Notificati	on or Publication is Attached	d, and/or,
	[F]	☐ Waivers are Attac	ched		1
[3]		CURATE AND COMP ATION INDICATED A		ION REQUIRED TO PRO	OCESS THE TYPE
[4] approapplic	val is <mark>accurate</mark> a		of my knowledge. I a	abmitted with this application lso understand that no action itted to the Division.	
Reesa He	olland	Reesa	ted by an individual with r	managerial and/or supervisory ca	
Print o	or Type Name	Sighature		Title _Reesa.Holland@apacheco	Date
					rp.com

e-mail Address



Telephone (432) 818-1000 WWW.APACHECORP.COM

July 29, 2010

Will Jones New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, NM 87505

Re: Application for Downhole Commingle

New Mexico State(\$#49 Unit F, Sec 2, T22S, R37E

Penrose Skelly; Grayburg and Eunice; San Andres, South Pools

Lea County, New Mexico

Dear Mr. Jones:

Enclosed please find an administrative application form (C-107A) and attachments for downhole commingling the Penrose Skelly; Grayburg and Eunice; San Andres, South pools in the New Mexico State S #49. Apache intends to produce both zones together with an expected rate of 30 BOPD, 150 MCFD and 120 BWPD. The ownership (WI, NRI and ORRI) of these pools are identical in this wellbore. Downhole commingling in this manner will offer an economic method of production while protecting against reservoir damage, waste of reserves and violation of correlative rights. This is a State well. The State of New Mexico Commissioner of Public Lands has been sent a copy of this application.

This well was originally completed to the San Andres in March, 2006. Apache intends to recomplete to the Grayburg and downhole commingle the San Andres and Grayburg production. Offset data from the NM State S Lease was used in determining the attached allocation.

If you need additional information or have any questions, please give me a call at (432) 818-1062.

Sincerely,

Reesa Holland

Sr. Engineering Tech

Attachments

District I 1625 N. French Drive, Hobbs, NM 88240

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-107A Revised June 10, 2003

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV

Oil Conservation Division

1220 South St. Francis Dr. Santa Fe, New Mexico 87505

APPLICATION TYPE X Single Well Establish Pre-Approved Pools

District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	APPLICATION FOR DO	WNHOLE COMMINGLING	EXISTING WELLBOR X Yes No
Apache Corporation		3 Veterans Airpark Lane Suite 300	0 Midland TX 79705
Operator		lress	1 00
New Mexico State S Lease	049 F Well No. Unit Letter-	2 22S 37E Section-Township-Range	Lea County
OGRID No873 Property Co	de 34816 API No. 30-025	5-37609 Lease Type:	_Federal X StateFee
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Penrose Skelly; Grayburg		Eunice; San Andres, South
Pool Code	50350		24170
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3696'-3790' (Est Perf)		4190'-4243' (Act Perf)
Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	NA		NA
Oil Gravity or Gas BTU (Degree API or Gas BTU)	35.9 API		34.4 API
Producing, Shut-In or New Zone	New Zone		Producing
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.) Fixed Allocation Percentage (Note: If allocation is based upon something other	Date: Est 19 BOPD Rates: 145 MCFPD 33 BWPD Oil Gas	Date: Rates: Oil Gas	Date: 7/27/2010 Rates: 5 MCFPD 87 BWPD Oil Gas
than current or past production, supporting data or explanation will be required.)	52 % 50 %	% %	48 % 50 %
	ADDITION	NAL DATA	
Are all working, royalty and overriding f not, have all working, royalty and oven the all produced fluids from all commits.	erriding royalty interest owners bee	n notified by certified mail?	Yes X No Yes No Yes X No
Will commingling decrease the value of	f production?		YesNo_X
f this well is on, or communitized with or the United States Bureau of Land Ma			Yes_X No
NMOCD Reference Case No. applicabl	e to this well:		
Attachments: C-102 for each zone to be comming Production curve for each zone for For zones with no production histor Data to support allocation method o Notification list of working, royalty Any additional statements, data or committee the committee of the co	at least one year. (If not available, y, estimated production rates and sor formula. and overriding royalty interests for	attach explanation.) upporting data. r uncommon interest cases.	
	PRE-APPRO	VED POOLS	
If application is	to establish Pre-Approved Pools, th	ne following additional information wi	Il be required:
List of other orders approving downhol- List of all operators within the proposed Proof that all operators within the proposed Bottomhole pressure data.	l Pre-Approved Pools		
I hereby certify that the information	$\Omega \Omega = I$, ,	of. DATE 8/4/2010
TYPE OR PRINT NAME Reesa	`	TELEPHONE NO. (43	

E-MAIL ADDRESS Reesa.Holland@apachecorp.com

				Cum (Oil (BBL)	Cum Gas	s (MCF)	Cum Wa	atér (BBL).
Lease Name	Well Number	10DIGITARI	Location	Grayburg	San Andres			Grayburg	San Andres
EVA OWEN B	1	3002506996	34M 21S 37E	52692					
EVA OWEN B	2	3002506997	34L 21S 37E	48788					
EVA OWEN B	3	3002506998	34K 21S 37E	45840					
EVA OWEN B	4	3002506999	34N 21S 37E	35096					
OWEN B	5	3002507000	34L 21S 37E		11734		29651		32533
MARK OWEN	1	3002507001	34J 21S 37E C NW SE	163650		725764		297876	
MARK OWEN	2	3002507002	34O 21S 37E	66301		24431		3988	
MARK OWEN	6	3002507005	34J 21S 37E SW SW SE	36591		339232		206128	
MARSHALL COM	2	3002507012	34F 21S 37E SE NW	55197					
MARSHALL COM	1	3002507013	34E 21S 37E E2 SW NW	53817					
MARSHALL COM	3	3002507014	34D 21S 37E	36026					
MARSHALL COM	4	3002507015	34C 21S 37E	65714		60510			
MARK OWEN	3	3002507022	34I 21S 37E	18132		184260		110960	
ALICE PADDOCK	2	3002509939	1J 22S 37E C NW SE	995	248	12584	1063	10240	9742
NEW MEXICO S STATE	104	3002509954	2O 22S 37E		38935		98581		546928
NEW MEXICO S	4	3002509959	2M 22S 37E		86877		57074		3350047
STATE C	1	3002509972	2M 22S 37E	13722					
R L BRUNSON TR 2	5	3002509974	3K 22S 37E NE SW	150731		1043797		787863	
MARK	1	3002509979	3 22S 37E	83661		741383		197826	
BRUNSON	2	3002509983		98550		836337		45940	
MARK	2	1	3G 22S 37E	6822		15812		65283	
OWEN A	2		3F 22S 37E	94410		548016		384780	
MARK	3		3H 22S 37E C SW NE	14568		245238		210404	
MARK	4		3H 22S 37E	11056		58332		28314	
EVA OWEN	1	1	3 22S 37E C NW NW	31171		61829		15623	
OWEN	2		3C 22S 37E	12684					
EVA OWEN	3		3 22S 37E NE NE NW	8601		93591		25205	
R L BRUNSON TR 2	3		3M 22S 37E SW SW	120069		931869		130946	
R L BRUNSON TR 2	4		3N 22S 37E SE SW	68089		3379182		15027	
OWEN A	1		3E 22S 37E SW NW	57334				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
ROLLON BRUNSON	5		10G 22S 37E NE SW NE		17483		734024		435605
ROLLON BRUNSON	1		10B 22S 37E	69368		61829	14144,	1691	
ROLLON BRUNSON	6		10B 22S 37E NW NW NE	15126		528679	2982	149481	2459
EAVES	1		10A 22S 37E C NE NE	1	15393	020070	554583	1,0101	74611
SKELLY UNIT	167		10H 22S 37E	75851	10000	703412	00.000	745	, 1011
EAVES	4		10H 22S 37E	1,000,	64044	, 00112	2168766		707969
EAVES	1		10A 22S 37E	131154		484068	2100700	10353	107303
BRUNSON ARGO B	3		10D 22S 37E	145876		850411		25381	
SKELLY UNIT	166		10G 22S 37E	31615		000411		20001	
BRUNSON ARGO B	4		10C 22S 37E	110870		706140		22275	
BRUNSON ARGO	5		10F 22S 37E	36680		700140		22213	
BRUNSON ARGO	6		10E 22S 37E	37625					
BAKER B	1		10M 22S 37E	62044		176123		16420	
BAKER B	2		10K 22S 37E	58342		213799		17418	
BAKER B	3		10L 22S 37E	47312		168875		1670	
BAKER B	4		100 22S 37E C SW SE	4/3/2	6308	100073	207474	1070	64040
BAKER B	10		10J 22S 37E C 3W 3E	 	23273		397474		64919
BAKER B	12		10K 22S 37E NE SW	+	11521		492461 721548		607882
BAKER B	14		10M 22S 37E NE SW	 	5559		320078		330199 115730
LOU WORTHAM	1		11D 22S 37E W2 NW NW	195335	5559	1329434	320078	201646	115/30
LOU WORTHAM	3		11C 22S 37E W2 NW NW	194539	 	1599789		552882	
LOU WORTHAM	4		11F 22S 37E WZ NE NW	141164		1524547			<u> </u>
LOU WORTHAM	2		11E 22S 37E NE SW NW	202848		1714045		285214	
S E LONG	2 .		11J 22S 37E NE SW NW	13375		24704		214323	
S E LONG	8		11J 22S 37E	2336		49102		49777	
LOU WORTHAM A	1/1		11A 22S 37E	2336		107998		29261	-
LOU WORTHAM C	4		11H 22S 37E C SE NE	223/8	158397	10/998	060040	46939	1207070
LOU WORTHAM	20		11D 22S 37E NW NW	-	98704	· · · · · · · · · · · · · · · · · · ·	869246 736537		1327873 1285449
THOMAS LONG	1		11L 22S 37E NW NW	87052	90704	422424	130531	0.505	1285449
THOMAS LONG	5		11N 22S 37E C SE SW	2138		432131		2535	
ELLIOTT B 12	1		12D 22S 37E C SE SW	2138		16656	240767	18371	00401
ELLIOTT B-12-2	2		12E 22S 37E	 	115902		312757		33194
	7			 	34894		217320		27174
HINTON	ļ'		12L 22S 37E	07000	35607	40000	1154364		315235
SKELLY UNIT	168		10I 22S 37E	27933		190869		8744	
THOMAS LONG	6		11K 22S 37E	71758		447890		279405	<u> </u>
NEW MEXICO S	25 .		2N 22S 37E	8630		41646		21126	
NEW MEXICO S STATE	24		2J 22S 37E S2 NW NE	2629		16467		12428	
LOU WORTHAM B	1		11B 22S 37E	63283		317454		175297	
LOU WORTHAM C	3	13002522070	11A 22S 37E NE NE	1	168660		851772		1017059

Company Comp				•	Cum (Oil (BBL)≠	Cum Ga	(MCF)	. Ciim Wa	ater (BBL)
OU WORTHAM A 2	Lease Name	Well Number	TODIGITARI	Location			- FR			
COUNDERTHANK 2 SO00523213 TO 228 37E W SW NR 44447 588937 199140 199					<u> </u>	Oali, Alidies	, , , , , , , ,			
NEW MEMOCO S STATE 20										
DOWNOTHANG 1					44947	450	688637		199140	 -
RENNSON C 9		26						00.1050		4554450
10.00 WORTHAM C 2 300252976 17.0293 FEW SW N N E 15091 1570979 17.0293 FEW SRUNSON C 19.000529368 30.00052938 30.000529	-	11		 		293690		924852		
BRINNSON O 10 3000233469 30 228 37E 76185 352596 774886 BRINNSON O 11 3000233469 31 228 37E 10302 4407270 101145 BRINNSON O 12 3000233469 31 228 37E 80 500 500 500 500 500 500 500 500 500	******				95892		346211		103450	
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RRINSON C 12 3000233498 J 3225 37E 83500 300533006 J 370960 1393419 32000 U OVORTHAM 5 S000533006 J 2225 37E 8 S W N N W 505959 1873747 187974	BRUNSON C	10	3002523486	3O 22S 37E	76145		352529		74866	
LOU WORTHAM	BRUNSON C	11	3002523523	3P 22S 37E	110326		407270		101145	
DO WORTHAM G S000252956 TI E 225 375 EW SW NW S00989 1972477 19099	BRUNSON C	12	3002523549	3I 22S 37E	83563		370966		139419	
DO WORTHAM G S000252956 TI E 225 375 EW SW NW S00989 1972477 19099	LOU WORTHAM	5	3002523606	11C 22S 37E SW NE NW		308352		1065152		433903
MARK OWEN 9 30022540E4 30 2223 STE 88904 157342 274333 AMARK OWEN 7 300225130 SB 21 ST STE 28 E SW 5036 395 38030 7154 27860 3309 SE LONG 9 300225322 [11,228 378 NW SE 60574 721769 2238112 30307 MARK NO 10 300225322 [11,228 378 NW SE 8 6574 721769 2238112 30307 MARK NO 11 300225301 \$1,228 378 NW SE NE 81354 771769 2238112 30307 MARK NO 11 300225301 \$1,228 378 NW NE NE 389795 214554 72297 MARK NOWEN 8 3002556051 \$1,228 378 NW NE NE 389795 214554 72297 MARK OWEN 8 3002556051 \$1,228 378 NW NE NE 389795 214554 72297 MARK OWEN 9 3002556071 \$1,022 378 SE SE NE NE 7897 777006 119441 0311 9727 MARK OWEN 9 3002556071 \$1,022 378 SE SE NE NE 7897 777006 11916 0311 9727 MARK OWEN 9 3002556071 \$1,022 378 SE SE NE NE 7897 777006 11920 70775 \$111516 10311 9727 MARK OWEN 9 3002556071 \$1,022 378 NW SW 8 4850 19920 70775 \$111516 10311 9727 MARK OWEN 9 3002556071 \$1,022 378 NW SW 8 4850 19920 70775 \$111516 10311 9727 MARK OWEN 9 3002556071 \$1,022 378 NW SW 14850 19920 70775 \$11516 10311 9727 MARK OWEN 9 3002556071 \$1,022 378 NW SW 14850 19920 70775 \$11516 10311 9727 MARK OWEN 9 3002556071 \$142 253 378 NW SW 14850 19920 70775 \$11516 10311 9727 MARK OWEN 9 3002556071 \$142 253 378 NW SW 14850 19920 70775 \$11516 10311 9727 \$13012 \$11516 10311 9727 \$13012 \$11516 10311 9727 \$13012 \$11516 10311 9727 \$13012 \$11516 10311 9727 \$13012 \$11516 10311 9727 \$13012 \$11516 10311 9727 \$13012 \$11516 10311 9727 \$13012 \$11516 10311 9727 \$13012 \$13										180946
MARK OWEN 7 7 3002525190 39A 218 37E ES ES W 5036 395 3856 7154 278686 3099 58 LONG 9 3002283212 11 228 37E NW SE 6 574 28312 29016 MARK 10 3002525785 31 1228 37E NK SE NE 8 181384 791769 282312 29017 MARK 11 3002525091 31 228 37E NK SE NE 8 181384 791769 2724564 772497 19441 1944 194 3002525091 31 228 37E NK SE NE 8 181384 774427 523246 19441 1944 194 3002525091 31 228 37E NK SE NE 9 1944 1944 194 194 194 194 194 194 194				1	88504	00000	1373462	10.07.11	274833	
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MARK OWEN 8 3002526953 3228 37E NW NE NE 36755 214554 72697				<u> </u>	04054	03/4	704700	230312	000040	
MARK OWEN 8 300252063 34P 215 37E NS SE SE 71504 77427 523246										
EAVES 7 300252912 10H22S 37E SE SE NE 7897 77709 1 19441 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1										
LOLI WORTHAM 19 3000289471 (19 223 37E S2 SE NW 4456 19920 70275 111516 10318 9727 MARK OWEN 9 1 3000289488 512 213 37E NW SW 25747 33292 LONG 1 300259432 (11, 223 37E NW SW 25747 33292 LONG 2 3002593964 106 223 37E NW SW 25747 33292 LONG 2 3002593964 106 223 37E NW SW 25747 33292 LONG 2 3002593964 106 223 37E SW 25747 33292 LONG 25 300253964 106 223 37E SW 25747 3402 111266 BRUNSON ARGO 2 5 300253964 106 223 37E SW 25747 3402 111266 BRUNSON ARGO 2 5 300253964 106 223 37E SW 25747 3402 111266 BRUNSON ARGO 2 5 300253964 106 223 37E SW SW 25747 3402 111266 BRUNSON ARGO 2 5 300253964 106 223 37E SW SW 25747 3402 111266 BRUNSON ARGO 2 5 300253967 112 223 37E NW SW SW 25747 3402 111266 BRUNSON TR 2 6 3002539636 110 223 37E NW SW SW 25747 3402 111266 BRUNSON TR 2 7 3002539636 110 223 37E NW SW SW 27451 3402 11263 37E SW SW 27451 3402 3402 3402 3402 3402 3402 3402 3402		 			}					
MARK OWEN 9 3002529466 35L 218 37E NM SW 9831 5747 33292 LONG 1 3002539466 35L 218 237E NM SW 9831 17262 713612 111866 257497 LONG 1 3002539450 14 1225 37E NM SW 17262 713612 111866 878 MUNSON ARGO 25 3002539360 14 1225 37E NM SW W 17262 713612 111866 878 MUNSON ARGO 25 3002539469 167 E223 37E W SW W 17262 713612 111866 978 MUNSON ARGO 25 3002539469 167 E223 37E W SW W 48831 470124 1115 978 MUNSON ARGO 25 3002539476 344 215 37E NE SW 48831 470124 1157551 978 MUNEN B 8 3002534776 34M 215 37E SE SW 48831 470124 978 MUNSON ARGO 9002534776 34M 215 37E SE SW SW 29160 7595 244455 143533 134660 4547 A B BAKER 7 5 300253476 140 P2 23 27E NM SE SE 23234 A B BAKER 7 7 5 300253476 140 P2 23 27E NM SE SE 23234 A B BAKER 8 1 500253476 140 P2 23 27E NM SE SE 23234 14789 433043 296676 A B BAKER 8 1 500253476 140 P2 23 27E NM SE SE 23234 14789 433043 296676 A B BAKER 8 1 500253476 17 SW 37E SE SW SW 29160 7595 244455 143533 134660 45474 1416 A B BAKER 8 1 500253476 17 SW 37E SE SW SW 29160 7595 244455 143533 134660 45484 1416 A B BAKER 9 1 500253476 17 SW 37E SE SW SW 29160 7595 244455 143533 134660 45484 14584 1 45587 1	EAVES	<u> '</u>	3002526212	10H 22S 37E SE SE NE	7897		77209		19441	
LONG 1 300253042 11.1228 37E NW 5W 48610 1668076 257497. LONG 2 3002530505 114125 37E NW 5W W 17262 713612 111868 BRUNSON ARGO 25 3002533964 10F 228 37E W 5W 5W 17262 713612 1517551 DWEN B 7 3002534545 44K 218 37E NR 5W 5W 17556 7790 228209 60116 90826 4365 DWEN B 8 3002534774 5M 218 37E SE SE SW 17556 7790 228209 60116 90826 4365 DWEN B 9 3002534775 2M 218 37E SE SW 5W 29180 7595 24455 145333 134600 45674 A 8 BAKER 7 3 3002535131 6D 228 37E NW 5E SE 23234 458789 2286676 A 8 BAKER 8 10 3002535131 6D 228 37E NW 5E SE 23234 458789 2286676 A 8 BAKER 8 10 3002535131 6D 228 37E NW 5E SE 23234 458789 43043 12373 UWEN B 10 3002535486 3M 212 37E SE SW 5W 7461 162007 8527 UWEN B 10 3002535486 3M 212 37E NW 5E SE 24454 14789 439043 12476 UW OWN THAM 7 3002535639 11 222 37E NS 5W 5W 7461 162007 8527 UU WORTHAM 8 3002535639 11 222 37E NS 5W 5W 7461 17536 186657 56864 56812 20 U WORTHAM 9 3002535639 11 222 37E NS 5W 5W 24550 153143 34731 3473	LOU WORTHAM	19	3002528617	11F 22S 37E S2 SE NW	4455	19920	70275	111516	10318	97277
118068 1	MARK OWEN	9	3002529468	35L 21S 37E NW SW	9831		57747		33292	
LONG 2 3002539530 1M 228 37E NW 5W 17262 713612 11866 14516	LONG	1	3002530432	11L 22S 37E NW SW		48610		1665076		2574973
BRUNSON ARGO 25 300253974 10 222 37E W 46893 4111 367918 51555 0WEN B 7 300253545 34K 218 37E NE SW 46893 470124 157551 0WEN B 8 3002534774 34K 218 37E NE SW 17555 7790 228290 60116 90828 4385 0WEN B 9 3002534775 34K 218 37E SE SW 17555 7790 224829 60116 90828 4385 0WEN B 9 3002534775 34K 218 37E SE SW W 29180 7595 24455 145333 134690 4547 A B BAKER 7 , 3002535131 10 722 37E NW SE SE 23234 458789 3296676 A B BAKER 8 10 3002535131 10 722 37E NW SE SE 23234 458789 439043 12373 0WEN B 10 3002535438 10 722 37E NW SE SE 23234 14789 439043 121373 0WEN B 10 3002535438 34M 218 37E		2	1			 			-	1118663
OWEN B 7 3002534564] 4K 215 37E NE SW 46893			 							
OWEN B		7	 		46902	7111	470124	00/010	157551	401040
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	INEW MEXICOS STATE	159	13002539014	20 228 37E	L	1804	<u> </u>	5270		16777

				Cum (Oil (BBL)	Cum Ga	š (MCF)	Cum Wa	ter (BBL)
Lease Name.	Well Number	10DIGITAPI	Location	Grayburg	San Andres	Grayburg	San Andres	Grayburg.	San Andres
MARK OWEN	16	3002539601	35K 21S 37E	223		1628		8535	
A B BAKER	11	3002539604	10P 22S 37E	225	316	3218	5960	1087	5885
			TOTALS	4,478,287	2,337,900	31,531,858	19,916,660	10,568,263	22,518,504
			AVERAGES	45,235	41,748	362,435	368,827	127,328	409,427

Proposed Allocations	Oil	Gas	Water
Grayburg	52%	50%	24%
San Andres	48%	50%	76%
TOTAL	100%	100%	100%

District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District St. Francis Dr. Santa Fe NM 87505

Date: 08/02/2010

Phone: 432/818-1062

State of New Mexico Energy Minerals and Natural Resources

Form C-101 June 16, 2008

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit to appropriate District Office

☐ AMENDED REPORT

1220 S. St. Fr	•				TT TA	UDII		•	rrd 1		N DI LIC	BACK	OP A	DD A ZONE
AI	PLICA	HOr		Operator Name			L, K	PICYT 4 1	LEIN, I		T		D Numbe	
Apache C	orp 303 \	Vetera	ns Aiı	rpark Ste 30	000 Midla	and TX	79705	I			30 - 02		Number	
	ity Code		T	-			Property N		- 0		30 - 02.	7-57-505	° We	ell No.
	34816		9 D	roposed Pool 1		Ne	w Mexi	co State S					2	49
	Ει	unice; S		Andres, Sout	th (24170						Penrose Ske			350)
						7	Surfac	e Loc	ation					_
UL or lot no. F	F 2 22S 37E									outh line orth	Feet from the 2310		Vest line est	County Lea
· ·	⁸ Proposed Bottom Hole									rent Fron	n Surface			
UL or lot no.	UL or lot no. Section Township Range Lot Idn Fee									outh line	Feet from the	East/V	Vest line	County
	Additiona									tion				
				12 Well Type Co	de		13 Cable	/Rotary		14	Lease Type Code		15 Gro	und Level Elevation
	RC O 16 Multiple 17 Proposed Depth 19										19 Contractor			²⁰ Spud Date 1/24/06
<u> </u>	4650' Sar													1/24/00
	-			_	²¹ Proj	posed	Casing	g and (Cemer	ıt Progr	am			
Hole S	ize		Casin	g Size	Casing	g weight/1	foot	S	Setting D	epth	Sacks o	f Cement		Estimated TOC
110		-									ļ		-	
NC													<u> </u>	·
22 55			***				IO D LOY				<u> </u>			
				is application is n, if any. Use a				k, give th	e data or	the preser	it productive zo	ne and propo	sed new p	productive zone.
Apache wo	uld like to	recom	plete	the Graybu	rg, per th	ne follov	ving pro	ocedur	e with t	he inten	t of DHC wit	h the San	Andres.	
1) Set CBF														
 Perforat Set CBF 			an An	ndres										
4) Perforat	e, acidize	and fr		rayburg										
5) DO CBF 6) Commin				Grayburg, u	pon appr	roval								
							- 7							
of my knowle	•		ion giv	ven above is tru	e and comp	plete to the	e best			OIL C	ONSERV.	ATION I	DIVISI	ION
Signature:	$\mathcal{O}_{\mathbf{A}}$		1	100	1.			Approv	ed by:	1.0				
	Tell	Ja	D	Klar	10					w				
Printed name:	Reesa Ho	olland						Title:						~
Title: Sr. En	gineering	Tech				<u>.</u>		Approv	al Date:			Expiration	Date:	
E-mail Addres	s: Reesa.I	Holland	d@ap	oachecorp.c	om									

Conditions of Approval Attached

State of New Mexico

DISTRICT I 1625 N. FRENCH DR., HOBBS, NM 88240

Energy, Minerals and Natural Resources Department

Form C-102

Revised JUNE 10, 2003

DISTRICT II 1301 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION 1220 SOUTH ST. FRANCIS DR.

Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 Santa Fe, New Mexico 87505

DISTRICT IV 1220 s. st. francis de., santa fe, nm 875	WELL LOCATION AND	ACREAGE DEDICATION PLAT	☐ AMENDED REPORT
30-025-37609	Pool Code 50350	PENROSE SKELLY; GR	LAYBURG
Property Code		erty Name ICO STATE S	Well Number 49
ogrid No.	-	rator Name CORPORATION	Elevation 3361'

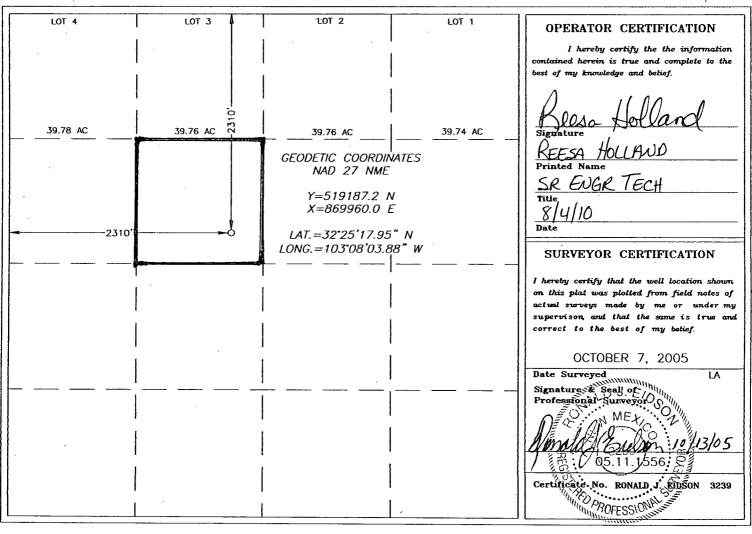
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	2	22-S	37-E		2310	NORTH	2310	WEST	LEA

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				
Dedicated Acres	Joint or	r Infill Co	nsolidation (Code Or	der 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



State of New Mexico

DISTRICT I 1625 N. FRENCH DR., HOBBS, NM 88240

1000 Rio Brazos Rd., Aztec, NM 87410

Energy, Minerals and Natural Resources Department

Form C-102 Revised JUNE 10, 2003

Submit to Appropriate District Office

DISTRICT II OIL CONSERVATION DIVISION 1301 W. GRAND AVENUE, ARTESIA, NM 88210 DISTRICT III

1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505 State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT IV 1220 S. ST. FRANCIS DR., SANTA PE, NM 87505 WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name	S. SOUTH				
30-025-37	609 24170	24170 EUNICE; SAN ANDR					
Property Code	Pro	pperty Name	Well Number				
34816	NEW ME	XICO STATE S	49				
OGRID No.	Ope	erator Name	Elevation				
873	APACHE	CORPORATION	3361'				

Surface Location

ł	UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	F	2	22-S	37-E		2310	NORTH	2310	WEST	LEA

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
Dedicated Acres	Joint o	r Infill Co	onsolidation (Code Ore	ier 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

OR A NUN-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION							
LOT 4	LOT 3	LOT 2	LOT 1	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.			
39.78 AC	39.76 AC S	39.76 AC	N	Signature REESA HOLLAND Printed Name SRENGR TECH Title 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 supervison and that the same is true and correct to the best of my belief.			
				OCTOBER 7, 2005 Date Surveyed			

1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, 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

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

For closed-loop systems that only use above ground steel tanks or haul-off bins and propose

Form C-144 CLEZ

July 21, 2008

to implement waste removal for closure, submit to the appropriate NMOCD District Office.

Closed-Loop System Permit or Closure Plan Application

(that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure) Type of action: Permit Closure Instructions: Please submit one application (Form C-144 CLEZ) per individual closed-loop system request. For any application request other than for a closed-loop system that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, please submit a Form C-144. Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances. Operator: Apache Corporation OGRID #: 873 Address: 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705 Facility or well name: New Mexico State S #49 API Number: 30-025-37609 OCD Permit Number: Lea' 37E U/L or Otr/Otr Section Range County: Township Longitude -103.134774 Center of Proposed Design: Latitude 32.421740 NAD: 1927 1983 Surface Owner: Federal X State Private Tribal Trust or Indian Allotment ☑ Closed-loop System: Subsection H of 19.15.17.11 NMAC Operation: Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) P&A ☐ Above Ground Steel Tanks or ☒ Haul-off Bins Signs: Subsection C of 19.15.17.11 NMAC 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers ☒ Signed in compliance with 19.15.3.103 NMAC Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC 🗵 Closure Plan (Please complete Box 5) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC Previously Approved Design (attach copy of design) API Number: Previously Approved Operating and Maintenance Plan API Number: Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13,D NMAC) Instructions: Please indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two facilities are required, Disposal Facility Name: Sundance Inc Disposal Facility Permit Number: NM-01-0003 Disposal Facility Name: CRI Disposal Facility Permit Number: NM-01-0006 Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future service and operations? Yes (If yes, please provide the information below) X No Required for impacted areas which will not be used for future service and operations: Soil Backfill and Cover Design Specifications - - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17:13 NMAC **Operator Application Certification:** I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief. Reesa Holland Title: Sr. Engr Tech Name (Print):

Signature:

Date: 08/02/2010

Telephone: 432/818-1062

7. OCD Approval: Permit Application (including closure plan) Closu	re Plan (only)				
OCD Representative Signature:	Approval Date:				
Title:	OCD Permit Number:				
8. Closure Report (required within 60 days of closure completion): Subsectinstructions: Operators are required to obtain an approved closure plan properties required to be submitted to the division within 60 days section of the form until an approved closure plan has been obtained and the	ior to implementing any closure activities and submitting the closure report. of the completion of the closure activities. Please do not complete this				
9. Closure Report Regarding Waste Removal Closure For Closed-loop Syst Instructions: Please indentify the facility or facilities for where the liquids, two facilities were utilized.	ems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: drilling fluids and drill cuttings were disposed. Use attachment if more than				
Disposal Facility Name:	Disposal Facility Permit Number:				
Disposal Facility Name:					
Were the closed-loop system operations and associated activities performed of Yes (If yes, please demonstrate compliance to the items below)	on or in areas that will not be used for future service and operations?				
Required for impacted areas which will not be used for future service and open Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique	erations:				
Operator Closure Certification: I hereby certify that the information and attachments submitted with this closurelief. I also certify that the closure complies with all applicable closure requirements.					
Name (Print):	Title:				
Signature:					
e-mail address:	Telephone:				



August 2, 2010

Telephone (432) 818-1000 WWW.APACHECORP.COM

State Land Office Commissioner of Public Lands PO Box 1148 Santa Fe, NM 87504-1148

Mr. Pete Martinez:

Attached is a copy of the Administrative Application to downhole commingle two zones in the following well:

New Mexico State S #49

30-025-37609

UL F, Sec 2, T22S, R37E

Also included is a \$30.00 check to cover the filing fee for this well.

Please let me know if you require any additional information.

Sincerely,

Reesa Holland

Sr. Engineering Tech

Attachments



Apache Corporation

ONE POST OAK CENTRAL 2000 POST OAK BOULEVARD HOUSTON, TEXAS 77056-4400 (713) 296-6000 Date:

08/03/2010

Check #:

4014613

7/29/1001486201	07/29/2010	30.00	0.00	30.00
		·		
			,	
The state of the s	TOTALS	30.00	0.00	30.00

CORPORATION

ONE POST OAK CENTRAL 2000 POST OAK BOULEVARD HOUSTON, TEXAS 77056-4400 (713) 296-6000

Wells Fargo Bank, N.A. 115 Hospital Drive Van Wert, OH 45891

56-382/412

VOID IF NOT CASHED WITHIN SIX MONTHS OF ISSUE

DATE: 08/03/2010

CHECK #: 4014613

THIRTY********

00/100

AMOUNT . \$ 30.00

TO THE ORDER OF STATE LAND OFFICE COMMISSIONER OF PUBLIC LANDS

PO Box 1148

SANTE FE NM 87504-1148

MANUAL SIGNATURE REQUIRED FOR CHECKS IN EXCESS OF \$300,000.00

Authorized Signature