V LAUGHLIN LEASE

LOGGED IN

ABOVE THIS LINE FOR DIVISION USE ON

NEW MEXICO OIL CONSERVATION DIVISION

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



		ADMINIS I KA	IIIVE APPLI	CATION CF	IECKLISI	
Т	'HIS CHECKLIST IS M		IINISTRATIVE APPLICATI IRE PROCESSING AT TH		TO DIVISION RULES AND F	REGULATIONS
Appl <u>i</u>	[DHC-Down	ndard Location] [NS nhole Commingling] ol Commingling] [WFX-Waterflood Ex	CTB-Lease Com OLS - Off-Lease Stop Pansion] [PMX-P er Disposal] [IPI-I	imingling] [PLC- prage] [OLM-Off ressure Maintena njection Pressure	Increase]	lling]]
1]	TYPE OF AP [A]	PLICATION - Chec Location - Spacing NSL N	Unit - Simultaneou	ply for [A] As Dedication	VELLITERS H POLS V. LAUGH	
	Check [B]	One Only for [B] or Commingling - Sto	orage - Measurement		☐ OLM	~(
•	[C]	Injection - Disposa WFX P	l - Pressure Increase MX SWD [- Enhanced Oil Re	ecovery 6 027 PPR 9/20	wells
	[D]	Other: Specify			9/20	5/37E/15
2]	NOTIFICAT: [A]		O: - Check Those Veralty or Overriding Fors, Leaseholders or	Loyalty Interest Ow	Does Not Apply	1
	[C]	<u> </u>	One Which Requir			
	[D]	Notification at U.S. Bureau of Land N	nd/or Concurrent Ap Management - Commissioner of	oproval by BLM or of Public Lands, State Land O	SLO	
	[E]	_	,	fication or Publicat	tion is Attached, and/o	or,
[3]			MPLETE INFORI	MATION REQUI	RED TO PROCESS	ТНЕ ТҮРЕ
	CERTIFICA oval is accurate a		ify that the informat est of my knowledg	e. I also understand	this application for add that no action will be vision.	
	Note: A HOLLAND or Type Name	Statement must be con Signature	sa Hollar	with managerial and/o		1/23/2013 Date
				Reesa.Ho	olland@apachecorp.com	

e-mail Address

Jones, William V., EMNRD

From: Jones, William V., EMNRD

Sent: Wednesday, January 30, 2013 2:13 PM

To: reesa.holland@apachecorp.com
Cc: Ezeanyim, Richard, EMNRD

Subject: Surface Commingle application from Apache: V. Laughlin Lease

Hello Reesa.

Your Landman report says all depths are identically owned except for the G-SA which has different interests than all other depths because of the North Monument GSA Unit.

The well #4 is being proposed for completion in the Grayburg. Will this be the only well with different ownership than the others? Will this well be renamed as a North Monument GSA Unit well?

Your application said interest owners were notified by certified mailers, but I don't see proof of mailing – send certified receipt numbers and names/dates of mailing or copy of green cards.

Thank You,

William V. Jones, P.E. 505-476-3448W 505-476-3462F Engineering Bureau, Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 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

E-MAIL ADDRESS: Reesa.Holland@apachecorp.com

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 S. St Francis Drive Santa Fe, New Mexico 87505

Form C-107-B Revised August 1, 2011

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

			COMMINGLING	(DIVERSE	OWNERSHIP)	
OPERATOR NAME:		Corporation				
OPERATOR ADDRESS:	303 Veter	ans Airpark Lane Mi	dland TX 79705			
APPLICATION TYPE:			•		V LAUGHLIN L	EASE
□ Pool Commingling □ Lease	Comminglin	g Pool and Lease Co	mmingling	Storage and Measu	rement (Only if not Surface	e Commingled)
LEASE TYPE: 🛛 Fe	ee 🔲	State	eral			
Is this an Amendment to exist Have the Bureau of Land Ma ☐Yes ☒No						ingling
		` ,	OL COMMINGLINGS with the following in			
(1) Pool Names and Codes		Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes
Eunice Monument; GB/SA (23	000)					RC in progress
Weir; Blinebry (63780)			1		1	See
Monument; Tubb (47090)					1	Attached
Skaggs; Drinkard (57000)					1	Test Data
					1	
(5) Will commingling decreas (1) Pool Name and Code.		(B) LEA Please attach sheet	SE COMMINGLIN	G		
 (2) Is all production from san (3) Has all interest owners been (4) Measurement type: M 	n notified by	certified mail of the prop		□Yes □N	lo .	
	······································		LEASE COMMIN			
(1) Complete Sections A and	E.					
(1) Is all production from sam (2) Include proof of notice to	ne source of s	Please attached sheet upply? Yes N	CORAGE and MEA ets with the following			
	(E) AD		PRMATION (for all its with the following in		ypes)	
(1) A schematic diagram of fa	ncility, includ					
(2) A plat with lease boundari (3) Lease Names, Lease and V	-	· ·	ions. Include lease numbe	ers if Federal or St	ate lands are involved.	,
I hereby certify that the informa	tion above is	true and complete to the	best of my knowledge an	d belief.		
SIGNATURE:	Hell	7. 1	ITLE:Sr Staff Regulat		1/	23/2013
TYPE OR PRINT NAME	REESA	HOLLAND		TE	LEPHONE NO.:432-8	18-1062

					_ , , _ , , , , , , , , , , , , , , , ,	OCD	_						
APA NAME	API	WI	NRI	Property #	Producing Formation/pool (s)	Status	Type	Lift	Orders	Comments	Battery	Gas Sales	
					Monument; Abo, southeast	Active						Targa	
					Skaggs; Drinkard	TA'D							
					Monument; Tubb	TA'D							
					Weir; Blinebry	TA'D							
					Monument; Paddock	TA'D				DHC-?			
AUGHLIN, V #11	30-025-40148	100.00%	87.50%	31315401	Skaggs; glorieta, northwest	TA'D	Prod	Sucker Rod	NONE	Actually Producing Blinebry, Tubb, Drinkard			
AUGHLIN, V #2-1	30-025-06035	100.00%	87.50%	31315401	Eumont; yates-7 rivers-queen (gas)	TA'D	Prod	TA'D	NONE			DCP	
					Eumont; yates-7 rivers-queen (gas)	TA'D		British See		Currently Squeezing Eumont, completing	MED		
AUGHLIN, V #4	30-025-21926	100.00%	87.50%	31315401	Eunice Monument, Grayburg-San Andres	new?	Prod	TA'D	NONE	Currently Squeezing Eumont, completing Grayburg OUTSIDE THE WA	TERFLOOD)		
					Weir; Blinebry	new?						Targa	
					Monument; Tubb	TA'D							
					Skaggs; Drinkard	PA'D							
AUGHLIN, V #5H (ABO)	30-025-36675	100.00%	87.50%	31321801	Monument; Abo, southeast	Active	Prod	Sucker Rod	DHC-3299-0	DHC-Abo, Tubb; Abo only			
					Skaggs; Drinkard	PA'D					All wells to V Laughlin	Targa	
					Monument; Tubb	PA'D					Battery 2-500 bbl		
			130		Weir; Blinebry	PA'D					tanks 6 x 20 htr		
					Monument; Paddock	PA'D					tanks 6 x 20 ntr		
AUGHLIN, V #8	30-025-39899	100.00%	87.50%	31315401	Monument; Abo, southeast	Active	Prod	Sucker Rod	NONE	Abo only			
					Monument; Abo, southeast	Active						Targa	
					Skaggs; Drinkard	TA'D							
					Monument; Tubb	TA'D							
					Weir; Blinebry	TA'D							
					Monument; Paddock	TA'D							
AUGHLIN, V #9 (ABO)	30-025-40147	100.00%	87.50%	31315401	Skaggs; glorieta, northwest	TA'D	Prod	Sucker Rod	NONE	Abo only			
					Monument; Paddock	TA'D						Targa	
					Skaggs; Drinkard	Active							
					Weir; Blinebry	TA'D							
					Monument; Abo, southeast	Active							
					Skaggs; glorieta, northwest	new?							
LAUGHLIN, V #7 (ABO)	30-025-39587	100.00%	87.50%	31315401	Monument; Tubb	Active	Prod	Sucker Rod	DHC-4322-0	DHC- Tubb, Drinkard, Abo Tubb, Drinkard, Abo			

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised 1-1

DISTRICT 1 P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aziec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

<u> </u>												
O perator Amerada	Hess	Corpo	ration			V. La	ughlin				Well No.	
Unit Letter	Secto		Towns	bin		Range				County	1	
Ç		9	I.	205		37	<u> </u>	N	MPN	1	Lea	
Actual Footage L			N 4 h			•	200			11		
660 Ground level Elev		rom the	North ducing Formet	ine	line and	Pool 1	980	feet	fron	the West	line Dedicated Acreage:	
3560'	,		mont Yat		. 1		nt Proi	rated Gas			160	cres
	inc the ac	reage ded	icated to the s	ubject well by	colored pead	al or bachure	marks on th	se plut below.			<u> </u>	
2. If m	ore than	one lease i	a dedicated to	the well, outli	ne each and i	identify the o	waership the	ereof (both as to	work	ing interest and	royalty).	
3. If m	ore than c	ne lesse e	of different ow	mership is dedi	icated to the	well, have the	interest of	all owners been	CODE	olidated by com	munitization,	-
uniti	ization, fo Yes	rce-pooliz	ng.esc.? □ No	lf snews	is "me" ton	e of consolida	in.			-		
	ver is "po"			t descriptions	which have	ctually been	consolidate	1. (Use reverse s	ide o	1		
No elic	nn if necc swable wi	ll be assig	ned to the we	I until all inter	ests have be	en consolidate	d (by com	nunitization unit	izatio	a forced-nonlin	ng, or otherwise)	
or unti	1 200-st	nderd un	it, eliminating	such interest, i	as been app	roved by the	Division.					
				1			1	. 1	٦	OPERA?	OR CERTIFICA	TION
		1	,09	[1	0	11		certify that the	
		i	-0	j			i	3	11		in in true and comp pledge and belief.	iete to the
	7 <u>480</u> ,		وال	j			i .	660] [
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		- [ļ			Printed Name	vien S	
							<u> </u>		II		Wheeler, Ĵr.	
1							!		11	Position		
		1		1			1				Adm. Svc.	
		i	•				i			Company	a Hess Corp.	
		i	•	-			i		1	Pate Date	a ness corp.	
		1				•	İ			5-20-9	2	
							ļ			SURVE	YOR CERTIFICA	TION
		1								I harabu carti	fy that the well loca	tion shown
1		i					ì		11	on this plat i	vas platted from fiel	ld motes of
		İ					i				s made by me or nd that the same is	
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District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV

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 October 12, 2005 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

1220 S. St. Francis	Dr., Santo F	e, NM 87505			,				ENDED REPORT
		W	ELL LO	CATIO	N AND ACR	EAGE DEDIC	CATION PLA	T	
30-025-2192	APÍ Number	,	23000	Pool Code	E.	ce Monument; Gr	°P∞INa ayburg-San And	-	,
*Property (302374		V Laughlin			Property	Name		004	Well Number
'ogrid 873		Apache Co	orporation	: 303 Vete	Operator rans Airpark La	Name ane, Suite 3000 M	idland, TX 797	05 3553'	*Elevation
					10 Surface	Location			
UL or lot no. A	Section 09	Township 20S	Range 37E	Lot idn			Feet from the	Enst/West line East	County Lea
			11 Bo	ottom Ho	le Location 1	f Different From	m Surface		
UL or lot no.	Section	Township	Range					East/West line	County
¹² Dedicated Acres	Joint or	Infill "C	onsolidation	Code to Or	der No.			<u></u>	

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		3 100 2	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 inchelling the proposed bottom hole location or has a right to drill this well at dist location parasant to a contract with an owner of such a mineral ar working interest, or to a voluntary puoling agreement or a compulsory pooling order heretufore emerced by the division. 12/21/2012 Signature Date Fatima Vasquez
	:		Printed Name
			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

District 1
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

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

Form C-101

DEC 27 2012

June 16, 2008

Submit to appropriate District Office

RECEIVED AMENDED REPORT

AP	PLICA	TION I	OR PERM Operator Name			, RE-EN	TER,	DEEPI	EN, PLUGBA	ACK,	OR AI	DD A ZONE
			•						873			·
		veterans	Airpark Ste. 3	000, Mid					30 - 025-21		Number	
	rty Code					perty Name			:		Well	
<u> </u>	02374		85 15 11		· `	V Laughlin		······································	m n	<u> </u>		004
	Euni	ce Monun	Proposed Pool 1 nent; Grayburg	-San An	dres				~ Prop	osed Pool 2		•
	_			•	⁷ Sı	urface Lo	cation					
UL or lot no.	Section 09	Township 20S	Range 37E	Lat		Feet from the 660	North/S	South line Orth	Feet from the 660	East/We		County Lea
			⁸ Pr	oposed B	ottom Hol	le Location	If Diffe	rent Fron	n Surface			
UL or lot no.	Section	Township	Range	Lot	da l	Feet from the	North/S	South line	Feet from the	East/Wo	est line	County
		<u>.</u>	1	٠	Addition	nal Well I	nforma	tion 1				
	Type Code		12 Well Type Cod			Cable/Rotary	11011116		Lease Type Code		15 Grout	nd Level Elevation 3553'
	ultiple N		¹⁷ Proposed Dep 3846'	h		18 Formation Grayburg			19 Contractor			Spud Date /14/1966
Hole S 12-1/			sing Size " & 10-3/4"	Casing	00sed Ca weight/foo # & 40.5#		Setting D	epth	Sacks of Ce			Estimated TOC
8-3/4	! "	:	5-1 <i>[</i> 2"	15.	5# & 17#	;	6807' 1100 sac			cks		
				_					<u> </u>	·	 	 .
Describe the b	lowout prev	vention prog	ram, if any. 'Use a	iditional sh	eets if neces	ssary.	perfora	te, and a	nt productive zone a ncid stimulate th Expires 2 You te Uniless Dr	e Grayb	ourg as p	per the attached
			ı given above is tru	e and comp	olete to the b	est						
of my knowled	lge and beli	ef.				-		OIL C	CONSERVAT	ION E	DIVISI	ON
Signature:	之	<u> </u>				Appro	oved by:			0.5	Z	
Printed name:		Vasquez	: 			Title:			roleum Engi		<u>.</u>	
	latory Te		ez@apachecor			Appro	oval Date:	01/	03/12 E	xpiration	Date: .	
Date: 12/21/		ia. vasyu	Phone: (432)	<u> </u>	15	Condi	tions of A	pproval Atta	iched 🔲			

V. Laughlin #4 API # 30-025-21926 Sec 9, T20S, R37E

Elevation: 3554' KB, 3542' GL

TD: 6,809' PBTD: 3,156'

Casing Record: 9-5/8" 25# @ 1208' w/ 600 sxs

5-1/2" 15.5# &17# @ 6807' w/ 1100 sxs

Perfs: Queen: 3,206'-3,446' (374 holes) (Temporary Abandoned w/ CIBP @ 3,156')

Penrose: 3,471'-3,497' (56 holes) (Temporary Abandoned w/ CIBP @ 3,465') Tubb: 6,420'-6,491' (13 holes) (Abandoned w/ CIBP @ 3,700' & 6,380')

Tubb: 6,532'-6,678' (13 holes)

Objective: Drill out all plugs, squeeze the Queen and Penrose, perforate, and acid stimulate the Grayburg.

AFE: PA-13-3024

1. MIRU unit. Check pressure on well.

- 2. ND WH. NU BOP. PU and RIH w/ 3-7/8" bit, bit sub, and drill collars on 2-7/8" J-55 tubing to be used as work string to CIBP @ 3,156'. RU reverse unit and break circulation. Drill out CIBP or push to next plug at ± 3,465'. POOH.
- 3. RIH w/ CICR on WS and set at \pm 3,150'. Sting into CICR.
- 4. MIRU cement Service Company. Establish injection rate into perforations. Pump cement as dictated by injection rate. Hesitate squeeze perforations per Monument office recommendations. Displace to bottom perf with 18 bbls of flush.
- 5. Sting out of CICR and POOH w/ WS.
- 6. PU and RIH w/3-7/8" bit, bit sub and drill collars on WS. Tag CICR. RU reverse unit and break circulation. Drill out CICR and cement to 3,465'. Test casing squeeze to 500 psi. If squeeze does not test, repeat step 3-6.
- 7. Continue to drill out CIBP at 3,465'. Continue in hole and clean well out to CIBP @ ± 3681'. POOH.
- 8. RIH w/ CICR on WS and set at \pm 3,465'. Sting into CICR.
- MIRU cement Service Company. Establish injection rate into perforations. Pump cement as dictated by
 injection rate. Hesitate squeeze perforations per Monument office recommendations. Displace to
 bottom perf with 20 bbls of flush.
- 10. Sting out of CICR and POOH w/ WS.
- 11. PU and RIH w/3-7/8" bit, bit sub and drill collars on WS. Tag CICR. RU reverse unit and break circulation. Drill out CICR and cement to 3,681'. Test casing squeeze to 500 psi. If squeeze does not test, repeat step 8-11.
- 12. Continue to drill out CIBP and cement at 3,700'. Continue in hole and clean well out to cement @ ± 6,350'. Circulate hole clean. Test casing to 500 psi. POOH.
- 13. MIRU WL. TIH w/ perforating guns and perforate the Grayburg from 3,708'-3,780' (72') and 3,796'-3,846' (50') w/ 2 jspf using Connex 0.5" diameter BH charges (244 holes).

- 14. TOH w/ perforating guns. RDMO wire-line
- 15. RIH w/ SN and packer on 2-7/8" WS. Spot 200 gallons of 15% acid across new perforations. TOH and set PKR just above new perforations at ± 3,658'. Test backside to 500 psi.
- 16. MIRU acid services. Acidize the Grayburg (3,708-3,846) with 6000 gallons 15% NEFE HCL w/ additives using 350 ball sealers to divert evenly spaced through the job at a max rate. Max treating pressure not to exceed 6000 psi at surface. Maintain treating pressure between 2000-3000 psi as directed by Monument team to stay below frac pressure and most effectively treat the well. Displace to bottom perf with 22 BBLS of flush. Surge balls.
- 17. Release PKR and TIH to knock balls off perforations. TOH and set PKR at 3,658'.
- 18. RU swab equipment and recover load and swab test for fluid entry and oil cut. Report results to Midland. RD swab equipment. If unproductive, SI for future evaluation or plugging
- 19. Kill well if necessary. Release PKR and TOH.
- 20. RIH w/ production tubing and rods as per the Monument office specifications.
- 21. RDMOPU. Set pumping unit, install electric and automation and return well to production and place into test for 10 days.

Apache Corporation – V. Laughlin #4

Wellbore Diagram – Proposed Status

Date: 12/19/2012 R.

Taylor

API: 30-025-21926



GL=3542'

KB=3554'

Hole Size

=12 1/4"

Hole Size

=8-3/4"



Surface Location

660' FNL & 660' FEL, Unit Sec 9, T20S, R37E, Lea County, NM

Surface Casing 9-5/8" 25# @ 1208' w/ 600 sx to surface

TOC @ 2421

TAC @ TBD SN @ TBD

1/06: CIBP @ 3156'. Well TA'D

TBD: Drilled out plug

12/97: Perf Queen @ 3206-34; 3323-48; 3384-3402; 3424-46 w/ 4 jspf (374 holes). Frac'd w/ 83.8k gal CO2 linear foam gel w/ 200 tons CO2 & 250k# 12/20 brady. TBD: SQZ'd w/ XX sxs cement.

12/97: CIBP @ 3465' TBD: Drilled out plug

4/76: Perf Eumont @ 3471; 80; 82; 85; 88; 93; 97; 3501; 04; 20; 25; 27; 32; 34; 39; 50; 52; 58; 60; 66; 68; 70; 73; 75; 82; 93; 95; 97 w/ 2 jspf (56 holes). Acidized w/ 4000 gals.

9/76: acidized w/ 3000 gal 15% HCL

3/77: Foam frac'd w/ 13,500 gal 70Q foam w/ 20k# 20/40 snd.

TBD: SQZ'd w/ XX sxs cement.

4/76: CIBP @ 3700' w/ 10' cmt on top. TOC 3681'

TBD: Drilled out plug.

TBD: Perf Grayburg @ 3708-3780; 3796-3846 w/ 2 jspf (244 holes). Acidized w/ 6000 gallons 15% NEFE HCL

4/76: CIBP @ 6380' w/ 50' cmt on top

12/66: Perf Tubb @ 6420; 22; 30; 36; 39; 46;50; 54; 70; 80; 84; 91 w/ 1 jspf (12 holes). Acidized w/ 1500 gals 15% NEFE. Frac w/ 38k gal water and 25k# snd.

12/66: Perf Tubb @ 6532; 55; 60; 66; 89; 6606; 22; 32; 40; 54 62; 70; 78 w/ 1 jspf (13 holes). Acidized w/ 1500 gals 15% NEFE. Frac w/ 16.8k gal water and 8.8k# snd.

Production Casing

5-1/2" 15.5# & 17# @ 6807' w/ 1100 sxs to surface

PBTD = 6743' TD =6809'

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

		VII (1) 1/2	mees must be from t	he cuter boundaries o	i the Section.		
	ess Corporati		Lic	V. Laughli	n -		Well No
Unit Letter A	Section 9	Township	205	Hange 37E	County	Lea	
Actual Footage Loc		North	line and	660	et from the	East	line
Ground Level Elev.	Producing Fo		Poo		et nom me	<u> </u>	Dedicated Acreage:
1. Outline th				by colored pencil	or hachure	marks on th	160 Acres
	_		_	-			· · · · · · · · · · · · · · · · · · ·
	nd royalty).	dedicated	i to the well, of	ittine cach and id	entily the o	wnership th	ereof (both as to working
3. If more th	an one lease of	lifferent ov	vaership is dedi	cated to the well,	, have the i	nterests of	all owners been consoli-
dated by	communitization,	unitization	, force-pooling.	etc?			•
Yes	No If a	nswer is "	yes," type of co	nsolidation			
If answer	is "no;" list the	owners an	d tract descript	ions which have a	actually bee	n consolida	ted. (Use reverse side of
li .	l necessary.) ble will be assign	ed to the v	vell until all int	erests have been	consolidate	ed (by come	nunitization, unitization,
forced-poo	ling, or otherwise) or until a	non-standard un	it, eliminating su	ich interests	s, has been	approved by the Commis-
sion.							
		AHC					CERTIFICATION
,	. 1 2		. 3	1		-	ertify that the information con-
	i		3				knowledge and belief.
		V	aughlin			-0	
		7,	auginin			John	w letzer
	1	,				Position Asst. S	uperintendent
	1					Company	Hess Corporation
	1			' .		Date	:
			>			April 2	7, 1976
	1			į		I hereby	certify that the well location
	1			i.		shown on	this plat was plotted from field
	1			<u> </u>		under my	sctual surveys made by me or supervision, and that the same
	1			İ		1	nd correct to the best of my
	+						
	1			i.		Date Survey	ed
			•	· .		Registered F	rolessional Engineer
	1			į. ·		cond∕or Land	Surveyor
	<u> </u>	•		<u> </u>		Continue	In .
0 200 440	93. 1320 1652 19	40 3340 34	40 2000	1000	المسلا	Certificate b	



DISTRICT I 1625 M. French Dr., Hobbs, NH 66240 FEB 2 3 2011

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised July 16, 2010

Submit one copy to appropriate District Office

" HOBBSOCO 1301 W. Grand Ave DISTRICT III

CONSERVATION DIVISION

1220 South St. Francis Dr.

1000 Rio Brazos Rd., Aztec, NM 87410 DISTRICT IV 1220 S. St. Francis Dr., Santa Pe. KM 87505

DISTRICT II

80

Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

■ AMENDED REPORT

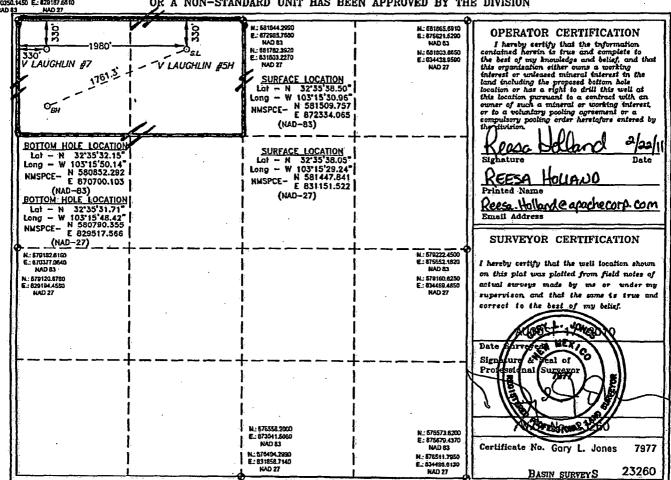
30-02	Number 15-36	675		7090		monu	MEUT; TU	BB	
Property 3023				Well Number. 5H					
ogrid n 873				APA	Operator Nam ACHE CORPO			Elevat 3550	
					Surface Loca	ation			
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
С	9	20 S	37 E		330	NORTH	1980	WEST	LEA
			Bottom	Hole Loc	cation If Diffe	erent From Sur	face		
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	9	20 S	37 E		100889	NORTH	351 ³⁴⁰	WEST	LEA
Dedicated Acre	s Joint	or Infill Co	nsolidation	Code Or	der No.				

M: 551830.4550 N. 631/64.5150

OR A NON-STANDARD UNIT HAS BEEN ADDROVED BY THE DIVISION.

OR A NON-STANDARD UNIT HAS BEEN ADDROVED BY THE DIVISION.

DHC-3299



DISTRICT I 1625 N. French Dr., Hobbs, NM 862 RECEIVE Recrey, Minerals and Natural Resources Department DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210 DISTRICT III FEB 23 201L CONSERVATION DIVISION 1220 South St. Francis Dr. DISTRICT III DISTRICT IV HOBBSOCD 1220 S. St. Francis Dr., Santa Pe, RM 07503 Santa Fe, New Mexico 87505

Form C-102 Revised July 16, 2010

Submit one copy to appropriate District Office

II AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT	WELL	LOCATION	AND	ACREAGE	DEDICATION	PLAT
-------------------------------------------	------	----------	-----	---------	------------	------

30-025-36675	Pool Code 96764	MONUMENT: ABO, SOUTHEAST
Property Code 302374	_	erty Name Well Number IGHLIN 5
ogrid'no. 873	•	ator Name Elevation 3556'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
С	9	20 S	37 E		330	NORTH	1980	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section 9	Township 20 S	Range 37 E	Lot Idn	Feet from the 980	North/South line	Feet from the 340	East/West line WEST	County
Pedicated Acre	s Joint o	r Infill Co	nsolidation (der No. OHC-3299				

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

UK 1	A NON-STANDARD UNIT HAS BEEN	APPROVED BI INE	DIAISION
N: 581830.4560 E: 670050.1450 NAD 83 N: 581780.5120 1980 RE 823167.5810 NAD 27 1761 OBH BOTTOM HOLE LOCATION Lot - N 32735'32.15" Long - W 103'15'50.14" NMSPCE - N 580852.292 E 870700.103 (NAD-83) BOTTOM HOLE LOCATION Lot - N 52'35'31.71" Long - W 103'15'48.42" NMSPCE - F 890790.355 NMSPCE - F 890790.355	S.L. S1644.2990 E: 67295.7680 N.D 25 N: 561721.320 E: 831601.2270 N.D 27 SURFACE LOCATION Lot - N 52'35'38.50" Long - W 103'15'30.96" NMSPCE - E 872334.065 (NAD-83) SURFACE LOCATION Lot - N 32'05'38.05" Long - W 103'15'29.24" NMSPCE - N 581447.841 NMSPCE - B 83147.841 NMSPCE - E 831151.522 (NAD-27)	E: 834438,9590 1	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 and including the proposed bettom hole ocation or has a right to drill this well at his location pursuant to a contract with an invitor of such a mineral or working interest in to a voluntary pooling agreement or a compulsory pooling agreement or a compulsory pooling arder heretofore entered by he division. **ELICA HOLLAND Printed Name REESA HOUAND Printed Name Reesa Holland & apache corp. com Email Address
N.: 57912.5780 N.: 57912.5780 N.: 57912.5780 N.: 57912.5780 N.: 57912.5780 E.: 829194.4560 NAD 27		NAD 83 N.: 579150,6250 E.: 834459,4850 NAD 27	SURVEYOR CERTIFICATION hereby certify that the well location shown in this plat was plotted from field notes of utual surveys made by me or under my upervison, and that the same is true and correct to the best of my belief.
	-		Pate corvered MEA CO
	N.: 576558 2000 E: 873041 5080 NAD 83 N.: 574404 2800 E: 631538.7140 NAD 27	M.: 870572,8,200 E.: 873578,4370 NAO 83 N.: 578511,7950 E.: 8344886130 NAO 27	Certificate No. Ggry L. Jones 7977 BASIN SURVEYS 23260

State of New Mexico DISTRICT I HOBBS OCD Knergy, Minerals and Natural Resources Department 1625 N. FRENCH DR., EIGERS, NM 86240 Form C-102 Revised October 12, 2005 FEB 0 7 2012220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505 DISTRICT II Submit to Appropriate District Office 1301 W. GRAND AVENUE, ARTESIA, Nº 60216 State Lease - 4 Copies Fee Lease - 3 Copies DISTRICT III 1000 Rio Brazos Rd., Astec, NM 87410 WELL TO CATION AND ACREAGE DEDICATION PLAT DISTRICT IV AMENDED REPORT 1220 S. ST. PEANCES DR., SANTA FE, KM 67505 Pool Name Pool Code API Number 090 Well Number Property Name 007 V. LAUGHLIN Operator Name Elevation APACHE CORPORATION 3558 Surface Location East/West line North/South line UL or lot No. Section Township Lot Ida Peet from the Feet from the County Range 330 WEST LEA D 9 20-S 37-E 330 NORTH 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 Infill Consolidation Code Order No. DHC 4322 80 O 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 OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organisation either owns a working interest or unlessed 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 mineral or working interest, or to a woluntary pooling agreement or a or to a voluntary pooling agreement or a computary pooling order heretolore entered by the division. Date GEODETIC COORDINATES

NAD 27 NME Y=581441.2 N

X=829502.2 E

LAT.=32.593931° N LONG.=103.263477° W LAT.=32'35'38.15" N LONG.=103'15'48.52" W

Date Surreyed S-LA REV. 12/7/ Signature & Scal of Professional Surveyor

Jonald J. Jun 12-07-09 89.11.0984

3239

Certificate No. RONALD EIDSON

State of New Mexico

DISTRICT I 1 1028 M. FRENCE DR. BOSES, RM HOSBS OCD

Energy, Minerals and Natural Resources Department

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office

DISTRICT II
BOO V. CRAND AVENUE, ARTESIA, NH 88210
FEB 0 7 2012

OIL CONSERVATION DIVISION 1220 SOUTH ST. FRANCIS DR.

1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

State Lease — 4 Copies

Pec Lease — 3 Copies

1000 Rio Brazos Rd., Aztec, NM 87410 DISTRICT IV RECEIVED ELL LOCATION AND ACREAGE DEDICATION PLAT MENDED REPORT API Number Pool Code Property Name Well Number V. LAUGHLIN Operator Name Elevation APACHE CORPORATION 3558 Surface Location North/South Une East/West line UL or lot No. Lot Idn Feet from the Feet from the County Section Township Range WEST D 330 NORTH 330 LEA 9 20-S 37-E Bottom Hole Location If Different From Surface UL or lot No. Section Township Range Lot Idn Feet from the North/South line East/West line County Dedicated Acres Joint or Infill Consolidation Code Order No. DHC 4322 40°.0

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 NON-STANDARD UNIT HAS	BEEN APPROVED	BY THE DIVISION
330.0 Š			OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this
	1	1	organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hale location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a
1			computer recolling order benefations effected by the division of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of t
	GEODETIC COORDINATES NAD 27 NME	ŀ	Bey Lattield 2-612
	Y=581441.2 N X=829502.2 E LAT.=32.593931* N	- +	SURVEYOR CERTIFICATION hereby certify that the well location
	LONG.=103.263477 W LAT.=32:35'38.15" N LONG.=103'15'48.52" W		shown on this plat was plotted from field notes of actual surrent made by me or under my supervision, and that the same is true and cornect to that best of tay belief. NOVEMBER 4, 2009
			Date Supered 3:10 REV: 12,7709 Signature & Seal of Professional Surveyor
	 		Certificate No. BONALO EIDSON 3239

State of New Mexico

DISTRICT I 1625 N. FRENCH DR., HOEBS, MM 66240

Energy, Hinerals and Natural Resources Department

FEB 0 7 2012

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Revised October 12, 2005
Submit to Appropriate District Office

DISTRICT II

DISTRICT IV

OIL CONSERVATION DIVISION 1220 SOUTH ST. FRANCIS DR.

WELL LOCATION AND ACREAGE DEDICATION PLAT

State Lease — 4 Copies Fee Lease — 3 Copies

DISTRICT III 1000 Rio Brazes Rd., Axtec, NM 87410 Santa Fe, New Mexico 87505

C AVENDED BEFORE

	1220 S. ST. FRANCIS DR., SANTA FR. NH 8	7505		LI AMENDED REPORT		
	API Number	Pao) Code				
	30-025-3958	1 90164	monument: Abo. Souther	not		
	Property Code	Prop	erty Name	Well Number		
	_302314	V. L	AUGHLIN	007		
- 1	OGRID No.	Oper	ator Name	Elevation		
	813	APACHE C	CORPORATION	3558'		

Surface Location

U	L or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	D	9	20-5	37-E		330	NORTH	330	WEST	LEA.
	Bottom Hole Location If Different From Surface									
U	L or lot No.	Section	Township	Rango	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres Joint or Infill Consolidation Code Order No.

DHC 4322

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

DISTRICT I L625 N. FRENCH DR., HOBBS, NM



State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT II
1301 W. CRAND AVENUE, ARTESIA, NIL BEEF 23 200 LL CONSERVATION DIVISION DISTRICT II

1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

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DISTRICT III HOBBSOCD

DISTRICT IV

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

1220 S. ST. FRANCIS DR., SANTA FE, NM 8750	, WELL LOCATION AND	ACKEAGE DEDICATION F	□ AMENDED REPORT
30-025-39899	96764	· ·	ol Name BO, SOUTHEAST
Property Code 302374		perty Name AUGHLIN	Well Number 8
ogrid No.		erator Name CORPORATION	Elevation 3550'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
С	9	20-S	37-E		950	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 Acre	Joint o	r Infill Co	i nsolidation	Code Or	der No.			I	<u> </u>

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

	OPERATOR CERTIFICATION
2310	I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered
	RUSA Haland 2/3/11 Signature Date
GEODETIC COORDINATES NAD 27 NME	REESA HOLLAND
Y=580831.7 N X=831488.2 E	SURVEYOR CERTIFICATION
LAT.=32.592201' N LONG.=103.257050' W LAT.=32'35'32" N LONG.=103'15'25" W	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 Surveyed:
	Signature & Seak of ICO Professionel Surveyor
	Certificate No. RONALD EDSON 3239

HOBBS OCD

DISTRICT I DISTRICT II SEP 1 2 2011

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102 Revised July 16, 2010

Submit one copy to appropriate District Office

DISTRICT III 1000 Rio Brazos Rd., Aztec, NREGENED

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

DISTRICT IV

1301 W. Grand Avenue, Artesia, NM 68210

Santa Fe, New Mexico 87505

220 S. St. Francis D	r., Santa Fe,		WELL LO	CATION	AND ACREA	AGE DEDICATI	ON PLAT	C AMENDED	REPORT
3002	Number 5 40	147	96-	Pool Code	- ma	nument; H	BO Sout	heast-	
Property	Code	4			Property Nan	ne ,	-	Well No	ımber
<u> 3023</u>	74				V. LAUGHL			009	
OGRID N	· /	ŀ			Operator Nam	•		Eleva	
<u> </u>		ŀ		AP	ACHE CORPO	PRATION	<u> </u>	355	3 /
					Surface Loc	ation			
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Ð	9	20 S	37 E		990	NORTH	940	WEST	LEA '
	<u> </u>	<u> </u>	Bottom	Hole Lo	cation If Diffe	erent From Sur	face		
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
			:		<u> </u>	<u>:</u>			<u> </u>
Dedicated Acre	s Joint	or Infill Co	nsolidation (Code 0	rder No.				
<u>40</u>	<u> </u>								
NO ALLO	OWABLE 1					UNTIL ALL INTE APPROVED BY		EEN CONSOLIDA	ATED
	- 1	SURFACE	LOCATION			· · · · · · · · · · · · · · · · · · ·	7.		
		Lat - N 3	2"35"32.03"	i	į		1.1	OR CERTIFICAT	
		Long - W 10	580845.529	i	i		contained here	rtify that the inform in is true and comp	lete to
	066	(NAD-	0/1300.110	i	i		the cest of my	knowledge and beliej in either owns a work eased mineral interes	ting
4	0	SURFACE		i	i		land including	the proposed bottom a right to drill this	hole well at
1		Lat - N 3 Long - W 10	12"1E"44 40"	1	4		this location pi	crevant to a contract a mineral or working	with an
940	-0	NACOULT N	580783.600 830117.559	ŀ			I I am da m esclemeta	ry pooling agreement ling order heretofore	~ ~
<u> </u>	1/1	(NAD-	27) — — -	' 			the division	V	
1	7)		1 	1 1	·	1 February	atliele	<u>/</u>
1	:			.) 	; 		Signature	1 40 1	Date
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ļ.		, 		1. 1.			Email Address	hatherwood	pache
:	1			! !	T 1		-	Corp.co	<u>m</u>
ļ	- — — -			ı. ├ — — ·	-		SURVEYO	OR CERTIFICAT	TION
Ė	l			ŀ	1			y that the well local	
- -	-			1	i		- 11	as plotted from field made by me or	7
	1			1	4			nd that the same is	
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		.		1	1		M	19421-2494g	,
	l			ŀ	ľ		Date Surveye	See of MEXICO	#
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	,			1	1			N Selvin	
1	1			1	1		4 113		8//
.	Ì			1	ì		WX	7467	
}	İ			1	į		Certificate N	o. Gary L. Jones	7977
	i			į	i			Guly E. Julies	
<u> </u>				<u>i</u>			B	ASIN SURVEYS	24673

HOBBS OCD

DISTRICT I 1625 N. French Dr., Hobbs, NM 88240

DISTRICT II

DISTRICT IV

State of New Mexico
Energy, Minerals and Natural Resources Department

form C-102 Revised July 16, 2010

Submit one copy to appropriate District Office

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

1220 S. St. Francis Dr., Santa Fe, NM 57505

1301 W. Grand Avenue, Arteais, NM 88210

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

AMENDED REPORT

			WELL LO	CATION	AND ACREA	AGE DEDICATI	ON PLAT	☐ AMENDEI	REPORT	
30-025-	Number 40	148		Pool Code 780		Weir :	Bline bry			
30237	Code				Property Nam V. LAUGHL	ie ,	J	Well No	Well Number	
grid N	o.)		Operator Name APACHE CORPORATION						Elevation 3553'	
					Surface Loc	ation				
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
В	9	20 S	37 E		330	NORTH	2220	EAST	LEA	
			Bottom	Hole Loc	cation If Diffe	erent From Sur	face			
UL or let 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	nsolidation (Code Or	der No.					

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

OR A NON-STAN	DARD UNIT HAS BE	EN APPROVED BY TH	ie division
SURFACE LOCATION Lot - N 32'35'38.47" Long - W 103'15'18.45" NMSPCE - N 581517.446 (NAD-83) SURFACE LOCATION Lot - N 32'35'38.02" Long - W 103'15'16.74" NMSPCE - N 581455.545 E 832221.258 (NAD-27)	330.	-2220'	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 tuchuding the proposed bottom hale location or has a right to drill this well at this location pursuant to a centract 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 rivision.
			Sorina L. Flores Printed Name Sorina Plores Capachecorp. Com Email Address 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. Date Surveyed to MEA
-			Signature & Seal of Professional Surveyor. Was also as the seal of Professional Surveyor. Certificate No. Gary L. Jones 7977 Basin surveys 24672

DISTRICT | 1 | 1010 p. Princip Cr., Holte, Mr. 00240 DISTRICT II

State of New Mexico Energy, Histories and Natural Resources Department

Rarised July 16, 2010

Submit one copy to appropriate District Office

DISTRICT III 1000 Rio Broses Rd., Artec, EM 07410

DISTRICT IV

OIL. CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fc. Now Mexico 07505

AMENDED REPORT

	WELL	LOCATION AP	AD ACREA	GE DEDICATION	ON PLAT	□ AMENDED	REPORT
30.025.4014	48 63	3780] W	cir; Blin	Pool Name Lebry		
302374			Property House. LAUGHLI	•		Well No	imber
873		АРЛСН	Operator Nam E CORPO			Elevat 355	
		Sı	irface Loca	ition			
UL or let No. Ecotion	Township Hongo	Lot Idn Fe	et from tho	North/South line	Feet from the	East/West line	County
B 9	20 S 37 I		330	NORTH	2220	EAST	LEA
	Hotto	m Hole Rocatio	on If Diffe	rent From Sur	lace		
Ul. or tot No. Section	Tonaship Range	Lot Idn Fe	et from the	North/South line	Peat from the	East/West Sine	County
Dedicated Acres Joint or	Infili Consolidatio	n Code Order 1	lo.	:			
NO ALLOWADLE WI				NTIL ALL INTER		EN CONSOLIDA	TED
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Certificate No. Gory L. Jones

DASM SURVEYS

24672

DISTRICT I 1625 N. French Dr., Hobbs, NM 88240 DISTRICT II 1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 HOBBS OCD

State of New Mexico

MAY 25 TONEY, Minerals and Natural Resources Department

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

Revised July 16, 2010

Submit one copy to appropriate District Office

AMENDED REPORT

30-025-	Number HOI	48	47	Pool Code		Monume	ent: Tub	Ь	
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873).			APA	Operator Nam ACHE CORPO			255.	
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			Bottom	Hole Loc	cation If Diffe	erent From Sur	face		
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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Dedicated Acres	Joint o	r Infill Co	nsolidation (Code Or	der No.	·			
80						·			
NO ALLO	WABLE W	ILL BE A	SSIGNED	ro This	COMPLETION U	INTIL ALL INTER	ESTS HAVE BI	EEN CONSOLIDA	TED

SURFACE LOCATION Lot - N 32'35'38.47" Long - W 103"15'18.45" NMSPCE - N 581517.446 E 873403.824 (NAD-83) OPERATOR CERTIFICATION

I hereby certify that the information
contained herein is true and complete to
the best of my knowledge and bettef, 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. SURFACE LOCATION
Lat - N 32'35'38.02"
Long - W 103'15'16.74"
NMSPCE - N 581455.545
E 832221.258 (NAD-27) Soruna Signature borina Soring. Places Email Address SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me er under my supervison and that the same is true and correct to the best of my belief. 16093 WEX/CO Date Sur Signatu Su Certificate No. Gary L. Jones 7977 24672 BASIN SURVEYS

State of New Mexico Energy, Minerals and Natural Resources Department

Subject one capy to appropriate District Office

BASIN SURVEYS

DISTRICT 1
1443 P. Franch Cr., Holls, FOI 68240
DISTRICT 11
1301 W. Grand Avenue, Atlesta, INI 88210

OIL CONSERVATION DIVISION

DISTRICT IV WELL LOCATION AND ACREAGE DEDICATION PLAT APPROPRIES APPROPRIATE COLOR OF Property Island Property Code Property Island Property Code Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Property Island Propert	DISTRICT III 1900 Rio Prozos Rd., Axtee, BN 87410	122 San	20 South St.	Francis Dr. Icxico 87605			
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HOBBS OCD

DISTRICT I DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88280 2 5 2011
DISTRICT III

State of New Mexico Energy, Minerals and Natural Resources Department

form C-102 Revised July 16, 2010

Submit one copy to appropriate District Office

DISTRICT III

1000 Rio Brazos Rd., Axtec, NM 87410 PECENDIL

DISTRICT IV

CONSERVATION DIVISION 1220 South St. Francis Dr.

DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

	-				111112 1101121	ige pepicali			
30-025-	Number - 年の	148		Pool Code		Skaggs;	Drinkar	/	
30 23 7	Code				Property Nam V. LAUGHL	ne 00 =		Well N	ımber
873	o.)			APA	Operator Nam ACHE CORPO			Eleve 355	
			· 	,	Surface Loc	ation	-		
UL or lot No.	Section	Township	Range	lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
. В	9	20 S	37 E		330	NORTH	2220	EAST	LEA
			Bottom	Hole Loc	eation If Diffe	erent From Sur	face		
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 Infili 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

OR A NON-STAN	DARD UNIT HAS BE	EN APPROVED BY T	HE DIVISION
SURFACE LOCATION Lat - N 32'35'38.47" Long - W 103'15'18.45" NMSPCE- N 581517.446 (NAD-83) SURFACE LOCATION Lat - N 32'35'38.02" Long - W 103'15'16.74" NMSPCE- N 581455.545 E 8322221.258 (NAD-27)	330	-2220'	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 wall 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 Sorina L. Flores Printed Name Sorina Hores Capa Lectors Corr Email Address 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. Date Surveyed
		 	Date Surfyed Signature & Seal of Reofessional Surveyor W. Standard Certificate No. Gary L. Jones 7977
<u>i </u>		<u> </u>	BASIN SURVEYS 24672

DISTRICT | HIS M. Branch Dr., Hotes, AN CORIO DISTRICT | II 1301 F. Grand Arpare, Antesio, NA CERIO

State of New Mexico Energy, Minerals and Natural Resources Department

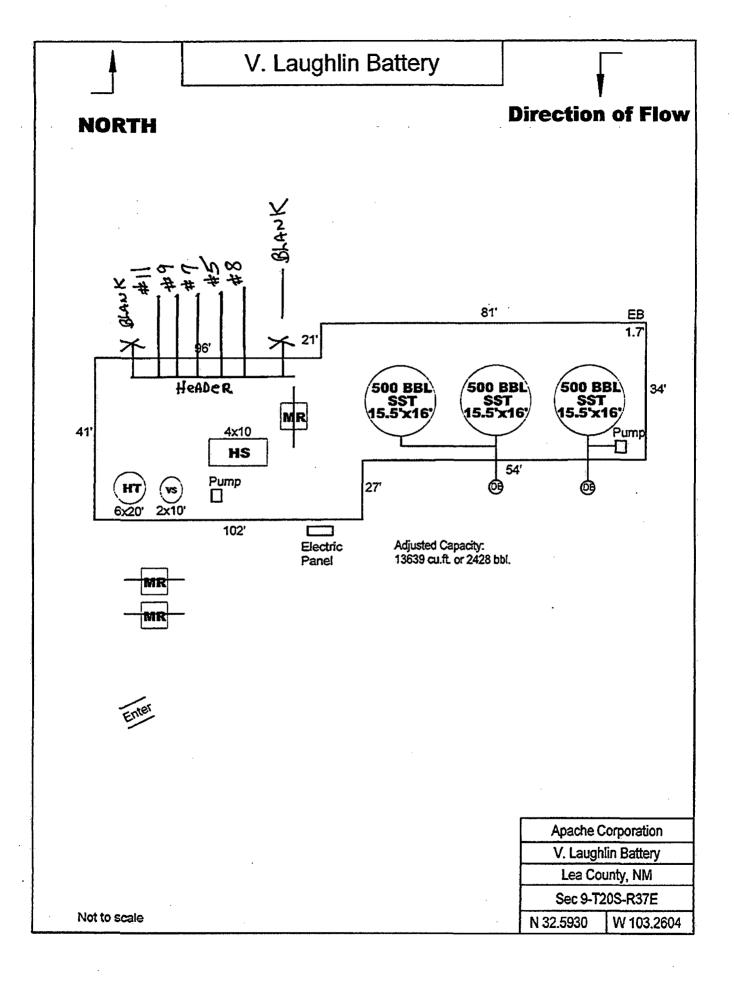
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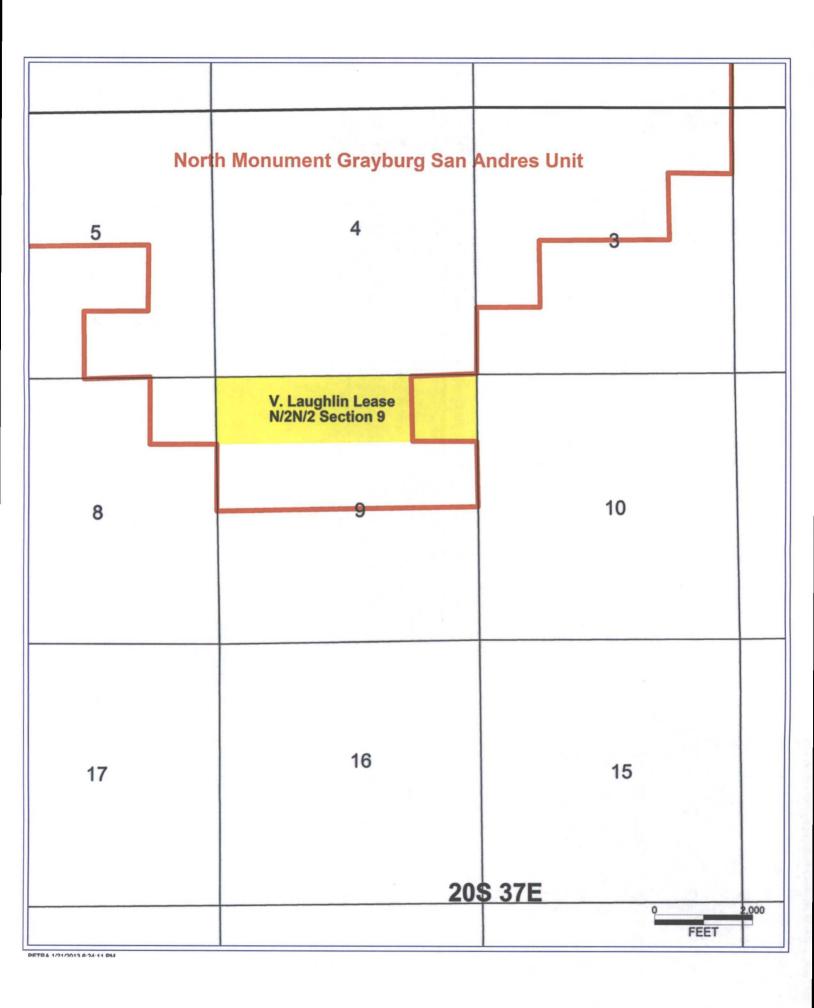
Ports C-102 Rosleed July 10, 2010

Submit one copy to appropriate District Office

DASIN SURVEYS

1301 W. Grand Avent	ze, Astesio, NV	86510	~~~	~~~	~~~~~	ANT DIVIC	TANT	Dis	Irial Office
DISTRICT III	Rd., Azlec, Pi	N 67410	OIL	12	20 South St.		ION		
DISTRICT IV	Re. Banta Fe.	IOI 87303		Sai	ita Fo, Neir A	iexico 07505		C Markey	n pppAust
					AND ACREA	GE DEDICATI		□ AMENDET) KEPORT
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3027		 			V. LAUGHL		<u> </u>	O 11 Eleva	
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UL or lot No.	Section 9	Townskip	Rengo 37 E	Lot Idn	Feet from the	Horth/South Mine	Feet Iron the 2220	EAST	LEA
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Ut. or tot Ho.	Section	Township	Rango	Lot bin	Feet from the	North/South line	Feet from the	Esst/West line	County
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Dedicated Acre	Julnt e	r Infill Co	nsolidation	Code O	ider No.				
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		SURFACE	LOCATION	Î al			7		
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				<u>.</u>	<u> </u>		J L DAS	SIN SURVEYS	24672





Page 1 of 5
1/23/2013 4:11:55 pm

Select By: Field

Display: All well tests between 11/19/2011 - 01/21/2013

Test	Effective	Measured	Туре			24 Hour Volum	es				Ratios			Fluid
Date	Date	Hours	Type	Gr Liquid	OIL	GAS	WAT	LIFT	GOR	GLR	IGOR	IGLR	TGLR	Level
ield: MONUI	MENT													
LAUGHLIN,	V #11													
11/20/2011	11/20/2011	24	Α	180	0	0	180	0		. 0.		0	0	
	11/21/2011		A		0	0	210	0		0		0	0	
	11/22/2011		A		0	0	217	0		0		0	0	
	11/23/2011		A	199	0	3	199	0		15		0	15	
	11/24/2011		A	213	0	10	213	0		47		0	47	
	11/25/2011		A	193	0	9	193	0		47		0	47	
	11/26/2011		A	193	0	11	193	0		57		0	57	
	11/27/2011		A		0	10	191	0		52		0	52	
	11/28/2011		A		5	21	197	. 0	4,200	104	0	0	104	
	11/29/2011		A	180	17	24	163	0	1,412	133	0	0	1331	
12/1/2011			A		1	1	64	0	1,000	15	0	0	15	
12/2/2011			A		27	21	240	0	778	79	0	0	79	
12/3/2011			A	241	28	43	213	o o	1,536	178	Ô	0	178	
12/4/2011			A		19	47	240	0	2,474	181	ő	0	181	
	12/12/2011		A		19	47	240	0	2,474	181	o	0	181	
1/25/2011					21	79	258	Ô	3,762	283	ő	0	283	
2/21/2012			A		16	85	241	0	5,313	331	0	0	331	
3/31/2012			A		18	129	241	0	7,167	498	ő	0	498	
4/29/2012			A	•	14	141	220	0	10,071	603	0	0	603	
5/26/2012			A	1	20	144	240	0	7,200	554	0	0	554	
			· A		20	140	230	0	7,000	560	0	0	560	
6/28/2012			A	_	12	110	230 91	0	9,16 7		0	0	1,068	
7/25/2012			A			130	200	0	•	1;068	0	0	-	
8/31/2012			A.		10			0	13,000	619	0	0	619 633	
9/27/2012			A		9	. 131	198	0	14,556	633	0	0		
	10/30/2012		A		9	124	190	•	13,778	623	•	Ū	623	
	11/27/2012		A		10	120	195	0	12,000	585	. 0	0	585	
	12/27/2012	2 24	Α		9	123	180	0	13,667	651	0	0	651	
Averages by C	ompletion	<u> </u>		212	11	63	201	0						
LAUGHLIN,	V #2-1 (TA'	D)												
12/12/2011	12/12/2011	24	Α	0	0	0	0	0						
1/25/2012			A		0	1	0	0						
2/20/2012			A		. 0	0	0	0		A.				
3/29/2012			A		0	0	0	0						
4/29/2012			A	0	0	0	0	0						
5/26/2012			A	0	0	0	0	0						

^{**} All values are recorded using imperial units.

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Select By: Field

Display: All well tests between 11/19/2011 • 01/21/2013

Test	Effective	Measured	Type	<u></u>	•	24 Hour Volume	5		<u></u>		Ratios		1	Fluid
Date	Date	Hours	27,50	Gr Liquid	OIL	GAS	WAT	LIFT	GOR	GLR	IGOR	IGLR	TGLR	Leve
ield: MONUN	1ENT					a wiles di da	·	, <u>, , , , , , , , , , , , , , , , , , </u>						
LAUGHLIN,	V #2-1 (TA'	D)												
6/28/2012	6/28/2012	2 24	Α	0	0	0	0	0						
10/8/2012			A	0	0	0	0	0						
	10/30/2012		A	0	0	0	0	0						
Averages by C		. 2,	•	0	0	0	0	0						
LAUGHLIN,	V #5H (ABC	 D)	 						· · · · · · · · · · · · · · · · · · ·	**************************************				
12/22/2011				12	,	1.5	12	0	15 000	1 164	•	0	1 154	
	12/23/2011		A	13 17	1	15 18	12 16	0 0	15,000	1,154 1,059	0	0	1,154	
1/25/2012 2/21/2012			A	9	1 0	14	9	0	18,000	· ·	U	0	1,059	
3/31/2012			A	10	0	16	10	0		1,556 1,600		0	1,556 1,600	
4/29/2012			A	8	0	14	8	0		1,750		0		
5/24/2012			A	6	1	24	5	0	24,000	4,000	0.	0	1,750 4,000	
5/25/2012			A	9	1	13	8	0.		-	0	0		
5/26/2012			A	5	0	13	5	0	13,000	1,444 2,600	U	0	1,444	
5/27/2012			A	10	1	14	9	0	14,000	1,400	0	0	2,600 1,400	
5/28/2012			A	10	0	13	10	0	14,000	1,300	U	0	1,300	
5/29/2012			A	6	1	13	5	0	13,000	2,167	0	0	2,167	
5/30/2012			A	8	0	13	8	0	13,000	1,625	U	0	1,625	
6/1/2012			A	8	1	13	7	0	13,000	1,625	0	0	1,625	
6/2/2012			A	5	0	13	5	0	13,000	2,600	U	0	2,600	
6/3/2012			A	10	1	13	9	0	13,000	1,300	0	0	1,300	
6/5/2012			A	10	1	13	13	0	13,000	929	0	0	929	
6/8/2012			A	5	0	13	5	0	13,000	2,600	U	0	2,600	
6/10/2012			Α	0	0	0	0	0		2,600		U	2,000	
6/11/2012			A	7	0	15	7	0		2,143		0	2,143	
6/12/2012			A	6	1	13	5	0	13,000	2,143	0	0	2,143	
6/13/2012			A	7	0	13	7	0	13,000	1,857	v	0	1,857	
6/14/2012			A	7	0	13	7	0		1,857		0	1,857	•
6/16/2012			A	6	1	13	5	0	13,000	2,167	0	0	2,167	
6/17/2012			A	9	0	14	9	.0	13,000	1,556	U	0	1,556	
6/19/2012			A	6	0	13	6	0		2,167		0	2,167	
6/20/2012			A	9	1	13	8	0	13,000	1,444	0	0	1,444	
6/21/2012			A	5	0	13	5	0	13,000	2,600	U	0	2,600	
6/22/2012			A		1	13	6	0	13,000	1,857	0	0	1,857	
6/23/2012			A	9	0	12	9	0	13,000	1,333	U	0	1,333	
7/25/2012			A A	10	1	12	9	0	12,000	1,200	0	0	1,200	

^{**} All values are recorded using imperial units.

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Select By: Field

Display: All w

All well tests between 11/19/2011 - 01/21/2013

Test	Effective	Measured	Туре	<u> </u>		24 Hour Volume	P.S.				Ratios			Fluid
Date	Date	Hours	1,700	Gr Liquid	OIL	GAS	WAT	LIFT	GOR	GLR	IGOR	IGLR	TGLR	Leve
eld: MONUN	4ENT							•	····					
LAUGHLIN,	V #5H (ABC	D)												
8/31/2012	8/31/2012	2 24	Α	11	1	15	10	0	15,000	1,364	0	0 .	1,364	
9/27/2012			A	10	1	6	9	0	6,000	600	0	. 0	600	
10/30/2012	10/30/2012		A	13	1	10	12	0	10,000	769	0	0	769	
11/27/2012	11/27/2012	2 24	A	13	· 2	8	11	0	4,000	615	0	0	615	
	12/27/2012		A	12	1	11	11	0	11,000	917	0	0	917	
Averages by C			••	9	• 1	13	8	0						
LAUGHLIN,	V #7 (ABO)				te die joseph se	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	1.2				- Some a linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear linear	of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the		
12/21/2011	12/21/2011	1 24	Α	251	0	0	251	0		0		0	o '	
	12/23/2011		A	251	0	0	251	0		0		0	0	
•	12/25/2011		A	256	0	0	256	0		0		0	0	
	12/26/2011		A	273	0	35	273	0		128		0	128	
	12/27/2011		A	286	0	27	286	0		94	•	0	94	
	12/29/2011		A	276	23	43	253	0	1,870	156	0	0	156	
	12/30/2011		A	262	16	47	246	0 .	2,938	179	0	0	179	
	12/31/2011		A	248	15	49	233	0	3,267	198	0	0	198	
1/1/2012			A	256	12	56	244	0	4,667	219	0	0	219	
1/2/2012			A	255	15	58	240	0	3,867	227	Ô	0	227	
1/3/2012				341	13	59	328	ő	4,538	173	0	0	173	
1/4/2012			. A	260	11 .	65	249	0	5,909	250	0	0	250	
1/5/2012			A	241	16	65	225	0	4,063	270	0	0	270	
1/6/2012			· A	248	13	69	235	0	5, 308	278	. 0	0	278	
			A	247	· 11	76	236	0	6,909	308	. 0	0	308	
1/7/2012			A		16	76 75	236	0	4,688	308 298	0	0	298	
1/8/2012			A	252 253	16 19	75 77	236	0	4,088 4,053	298 304	0	0	298 304	
1/10/2012			A		19 11			0			0	0		
1/12/2012			A	231		80	220	•	7,273	346	-	ū	346	
1/13/2012			A	220	14	77 77	206	0	5,500	350	0	0	350	
1/14/2012			A	233	16	77 77	217	0	4,813	330	0	0	330	
1/15/2012			Α	240	16	77	224	0	4,813	321	0	0	321	
1/25/2012			A	246	13	74	233	0	5,692	301	0	0	301	
2/21/2012			Α	187	29	83	158	0	2,862	444	0	0	444	
3/31/2012			Α	197	28	130	169	0	4,643	660	0	0	660	
4/29/2012			Α	176	36	142	140	0	3,944	807	0	0	807	
5/26/2012			Α	195	35	84	160	0	2,400	431	0	0	431	
6/28/2012			Α	228	68	145	160	0	2,132	636	0	0 `	636	
7/25/2012	7/25/2012	2 24	Α	220	60	113	160	0	1,883	514	0 '	0	514	

^{**} All values are recorded using imperial units.

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Select By: Field

Display: All well tests between 11/19/2011 - 01/21/2013

Test	Effective	Measured	Type			24 Hour Volume	es				Ratios	<u> </u>		Fluic
Date	Date	Hours	Турс	Gr Liquid	OIL	GAS	WAT	LIFT	GOR	GLR	IGOR	IGLR	TGLR	Leve
ield: MONUM	IENT						*							
LAUGHLIN,	V #7 (ABO)													
8/10/2012	8/10/2012	24	Α	167	55	112	112	0	2,036	671	0 .	0	671	
8/15/2012			A	186	54	112	132	0	2,074	602	0	0	602	
8/16/2012			A	169	52	113	117	0	2,173	669	0	0	669	
8/31/2012			A	172	55	113	117	0	2,055	657	0	0	657	
9/27/2012			A	146	28	99	118	0	3,536	678	0	0	678	
	10/30/2012		A	157	22	102	135	0	4,636	650	0	0	650	
	11/27/2012	•	A	157	20	100	137	0	5,000	637	0	0	637	
	12/27/2012		A	141	19	101	122	0	5,316	716	0	0	716	
Averages by C		-	7.	226	23	76	203	0	-,		·			
LAUGHLIN,	V #7 (TUBB).	•	 					 	<u> </u>		 	, , ,	
11/19/2011	11/19/2011	24	A	48	19	87	29	0	4,579	1,813	0	0	1,813	
verages by C	ompletion			48	19	87	29	0						
LAUGHLIN,	V #9				· ·					 ,				
									•					
	12/12/2011		Α	40	1.5	232	25	0	15,467	5,800	0	0	5,800	
1/25/2012			Α	29	13	176	16	0	13,538	6,069	0	0	6,069	
2/21/2012		24	Α	29	14	149	15	0 .	10,643	5,138	0	0	5,138	
3/31/2012	3/31/2012	24	Α	31.	16	111	15	0	6,938	3,581	. 0	0	3,581	
4/29/2012	4/29/2012	24	Α	27	13	108	14	0	8,308	4,000	0	0	4,000	
5/26/2012	5/26/2012	24	Α	29	8	100	21	0	12,500	3,448	0	0	3,448	
6/28/2012	6/28/2012	24	Α	23	1	31	22	0	31,000	1,348	0	0	1,348	
7/25/2012	7/25/2012	24	Α	15	7	81	8	0	11,571	5,400	0	0	5,400	
8/26/2012	8/26/2012	24	Α	15	6	61	9 .	0	10,167	4,067	0	0	4,067	
8/27/2012	8/27/2012	24	Α	14	5	66	. 9	0	13,200	4,714	0	0	4,714	
8/28/2012	8/28/2012	24	Α	13	5	66	8	0	13,200	5,077	0	0	5,077	
8/29/2012	8/29/2012	24	· A	15	5	62	10	0	12,400	4,133	0	0	4,133	
8/30/2012	8/30/2012	24	Α	13	8	65	5	0	8,125	5,000	0	0	5,000	
8/31/2012	8/31/2012	24	Α	13	8	65	5	0	8,125	5,000	0	0	5,000	
9/2/2012	9/2/2012		A	14	8	64	6	0	8,000	4,571	0	0	4,571	
9/3/2012	9/3/2012		· A	14	8	64	6	0	8,000	4,571	0	0	4,571	
9/27/2012			A	14	6	64	8	0	10,667	4,571	0	0	4,571	
	10/30/2012		A	14	5	53	9	0	10,600	3,786	0	0	3,786	
11/27/2012			A	11	6	53	5	0	8,833	4,818	0	0	4,818	
	**********		71	12	-	50	-	-	-,	,		0		

^{**} All values are recorded using imperial units.

Page 5 of 5 1/23/2013 4:11:55 pm

Select By: Field

Display: All well tests between 11/19/2011 - 01/21/2013

Test	Effective	Measured	Туре			24 Hour Volume	25			· · · · · · · · · · · · · · · · · · ·	Ratios			Fluid
Date	Date	Hours	турс	Gr Liquid	OIL	GAS	WAT	LIFT	GOR	GLR	IGOR	IGLR	TGLR	Level
Field: MONUM	<u>IENT</u>					,				:	-			
Averages by Co	ompletion	4		19	8	86	11	0						
LAUGHLIN,	V #9 (ABO)			to a series de la companya de la companya de la companya de la companya de la companya de la companya de la co		e e e e e e e e e e e e e e e e e e e		yerinin ku ja ja jaran mend	377	. ,. , , ,, ,, , , , , , , , , , , , ,		· · · · · · · · · · · · · · · · · · ·		
12/12/2011	12/12/2011	24	Α	261	22	107	239	0	4,864	410	0	0	410	
12/18/2011	12/18/2011	24	Α	303	25	94	278	0	3,760	310	0	0	310	
12/19/2011	12/19/2011	24	Α	248	52	217	196	0	4,173	875	0	0	875	
12/23/2011	12/23/2011	24	Α	368	59	184	309	0	3,119	500	0	0	500	
12/25/2011	12/25/2011	. 24	Α	361	56	183	305	0	3,268	507	0	0	507	
1/25/2012	1/25/2012	24	Α	310	35	117	275	0	3,343	377	0	0	377	
2/21/2012	2/21/2012	24	Α	325	42	137	283	0	3,262	422	0	0	422	
3/31/2012	3/31/2012	24	Α	351	45	135	306	0	3,000	385	0	0	385	
4/29/2012	4/29/2012	24	Α	304	24	102	280	0	4,250	336	0	0	336	
5/26/2012	5/26/2012	24	Α	328	30	99	298	0	3,300	302	0	0	302	
6/28/2012	6/28/2012	24	Α	340	90	170	250	0	1,889	500	0	0	500	
7/25/2012	7/25/2012	24	Α	404	104	200	300	0	1,923	495	0	0	495	
8/3/2012	8/3/2012	24	Α	412	100	205	312	0	2,050	498	. 0	0	498	
8/4/2012	8/4/2012	24	Α	416	97	202	319	0	2,082	486	0	0	486	
8/7/2012	8/7/2012	24	Α	98,300	98,000	201	300	0	2	2	0	0	2	
8/8/2012	8/8/2012	2.4	Α	416	101	201	315	0	1,990	483	0.	0	483	_
8/9/2012	8/9/2012	24	Α	421	99	202	322	0	2,040	480	0 .	0	480	
8/31/2012	8/31/2012	24	Α	401	103	187	298	0	1,816	466	0	0	466	
9/27/2012	9/27/2012	24	Α	346	84	173	262	0	2,060	500	0	. 0 .	500	
10/30/2012	10/30/2012	24	Α	296	7 3	221	223	0	3,027	747	0	0	747	
11/27/2012	11/27/2012	24	Α	301	71	190	230	0	2,676	631	0	0	631	
12/27/2012	12/27/2012	24	Α	296	65	175	231	0	2,692	591	0	0	591	
Averages by Co	ompletion			4,796	4,517	168	279	0 .						

CORR GRAV = 38.7

^{**} All values are recorded using imperial units.



January 21, 2013

State of New Mexico OIL CONSERVATION DIVISION 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re:

Application for Surface Commingling (Identical Ownership)

Township 20 South, Range 37 East

Section 9: N/2 N/2 Lea County, NM

Ladies and Gentlemen:

Identical ownership (working, royalty and overriding royalty owners) exists under our V. Laughlin lease (a fee lease) covering the following described lands:

Township 20 South, Range 37 East Section 9: N/2 N/2 Lea County, NM

The identical ownership covers all depths, less and except the top of the Grayburg to the base of the San Andres (3,642' to 5,050') which makes up the unitized formation of the North Monument Grayburg San Andres Unit.

If you have any question regarding the aforementioned, please do not hesitate contacting the undersigned at (432) 818-1097.

Sincerely,

ylan C. Park

Landman

(432) 818-1197 Fax

dylan.park@apachecorp.com

Jones, William V., EMNRD

From:

Jones, William V., EMNRD

Sent:

Wednesday, January 30, 2013 3:26 PM

To:

'Holland, Reesa'

Subject:

RE: Surface Commingle application from Apache: V. Laughlin Lease

Reesa,

Sounds like I really do need a one page C-103 sundry form 🕾

Will

From: Jones, William V., EMNRD

Sent: Wednesday, January 30, 2013 3:01 PM

To: 'Holland, Reesa'

Subject: RE: Surface Commingle application from Apache: V. Laughlin Lease

Thanks for the quick and great answers!

So no need for notification and no one was notified?

We can process this as an identically owned, Pool Commingle (normally you send in a sundry in this situation, but I can do it without that)

From: Holland, Reesa [mailto:Reesa.Holland@apachecorp.com]

Sent: Wednesday, January 30, 2013 2:37 PM

To: Jones, William V., EMNRD

Subject: FW: Surface Commingle application from Apache: V. Laughlin Lease

Importance: High

Good afternoon, Will! Please see my landman's explanation below . . . rings a bell now, but I couldn't remember what he told me. © Does this require anything additional you need from me?

Thanks - R ©

Reesa Holland

Midland, TX 432/818-1062

Reesa. Holland@apachecorp.com

From: Park, Dylan C.

Sent: Wednesday, January 30, 2013 3:33 PM

To: Holland, Reesa; Taylor, Ryan

Subject: RE: Surface Commingle application from Apache: V. Laughlin Lease

The #4 is not within the NMGSAU unit boundaries. The other non-unit wells, I believe, are within the unitized boundaries, hence the comment about the interests being the same to all depths less and except the top of the Grayburg to base of San Andres.

From: Holland, Reesa

Sent: Wednesday, January 30, 2013 3:20 PM

To: Taylor, Ryan; Park, Dylan C.

Subject: FW: Surface Commingle application from Apache: V. Laughlin Lease

O.K., guys! Please give me some info to explain this to Santa Fe... What is the deal with the Grayburg that made this not have to go out to all the interest owners?!?! I'm sure you explained it, but I've slept since then and don't remember if you did or not.

Thanks - R [©]

Reesa Holland

Apache Midland, TX

432/818-1062

Reesa.Holland@apachecorp.com

From: Jones, William V., EMNRD [mailto:William.V.Jones@state.nm.us]

Sent: Wednesday, January 30, 2013 3:13 PM

To: Holland, Reesa

Cc: Ezeanyim, Richard, EMNRD

Subject: Surface Commingle application from Apache: V. Laughlin Lease

Hello Reesa.

Your Landman report says all depths are identically owned except for the G-SA which has different interests than all other depths because of the North Monument GSA Unit. The well #4 is being proposed for completion in the Grayburg. Will this be the only well with different ownership than the others? Will this well be renamed as a North Monument GSA Unit well?

Your application said interest owners were notified by certified mailers, but I don't see proof of mailing – send certified receipt numbers and names/dates of mailing or copy of green cards.

Thank You,

William V. Jones, P.E. 505-476-3448W 505-476-3462F Engineering Bureau, Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505