Initial

Application Part I

Received: 07/08/2019

This application is placed in file for record. It MAY or MAY NOT have been reviewed to be determined Administratively Complete

RECEIVED: 07/08/2019	REVIEWER: MAM	TYPE: PC	APP NO: pMAM1918956838	
12	NEW MEXICO O - Geological & 220 South St. Francis	Engineering Bu	ON DIVISION	
THIS CHECKLIST	ADMINISTRATIV		CHECKLIST IS FOR EXCEPTIONS TO DIVISION RULES AND	
R	EGULATIONS WHICH REQUIRE P	ROCESSING AT THE DIVIS	SION LEVEL IN SANTA FE	
pplicant: APACHE CORP			OGRID Number: 873	
ell Name: LOU WORTHAN	NLEASE UPDATE ORDE	ER PC-1218	API: Various Pool Code: Various	-
SUBMIT ACCURATE AN		ATION REQUIRED	TO PROCESS THE TYPE OF APPLIC	ATION
) TYPE OF APPLICATION A. Location – Spac	N: Check those which Sing Unit – Simultanec NSP(PROJECT AF	ous Dedication	PC-1361	
DHC [] Injection – [] WFX) NOTIFICATION REQUI A. Offset opera B. Royalty, over C. Application (D. Notification (Ing – Storage – Measur CTB PLC Disposal – Pressure Ind PMX SWD IRED TO: Check those tors or lease holders rriding royalty owners requires published no and/or concurrent ap and/or concurrent ap	PC OLS crease – Enhanc IPI EOR which apply. c, revenue owner tice oproval by SLO	PPR FOR OCD (plete
F. 🗍 Surface own	er above, proof of notif		ation is attached, and/or,	
administrative appro	val is accurate and a action will be taken o	complete to the l n this application	itted with this application for best of my knowledge. I also n until the required information ar	nd
Note: States	ment must be completed by	an Individual with man	nagerial and/or supervisory capacity.	
			7/8/2019	
Reesa Fisher			Date	
rint or Type Name			432-818-1062	
			Phone Number	
Reesa Fisher	Digitally signed by Reesa Fisher Date 2019 04 02 13 47 32 -05'00'		Reesa Fisher@anachecorn.com	

Reesa.Fisher@apachecorp.com e-mail Address

Signature



June 25, 2019

Mr. Michael McMillan New Mexico Oil Conservation Division Engineering Bureau 1220 South St Francis Drive Santa Fe, NM 87505

RE: Amend Administrative Order PC-1218 Lou Worthan Lease Unit Letter C Sec 11 T22S R37E Lea County, New Mexico

Dear Mr. McMillan:

Apache would like to amend Administrative Surface Commingling Order PC-1218 including all the currently producing pools, but adding wells 3, 28 & 30, as highlighted on attached well list.

Enclosed please find forms C-102 and well test information for all wells on the lease. All wells at this battery are marginal producers and production will be allocated monthly by well tests. Per attached land letter, interest ownership between pools is identical and common throughout, 100% Apache.

In the event Apache were to add wells and leases to this commingling order, we request to only notify interest owners in the wells and leases to be added, per Division Rule 19.15.12.10C(4)(g) NMAC.

If you need additional information or have any questions, please give me a call at (432) 818-1062 or send an e-mail to <u>Reesa.Fisher@apachecorp.com</u>.

Sincerely,

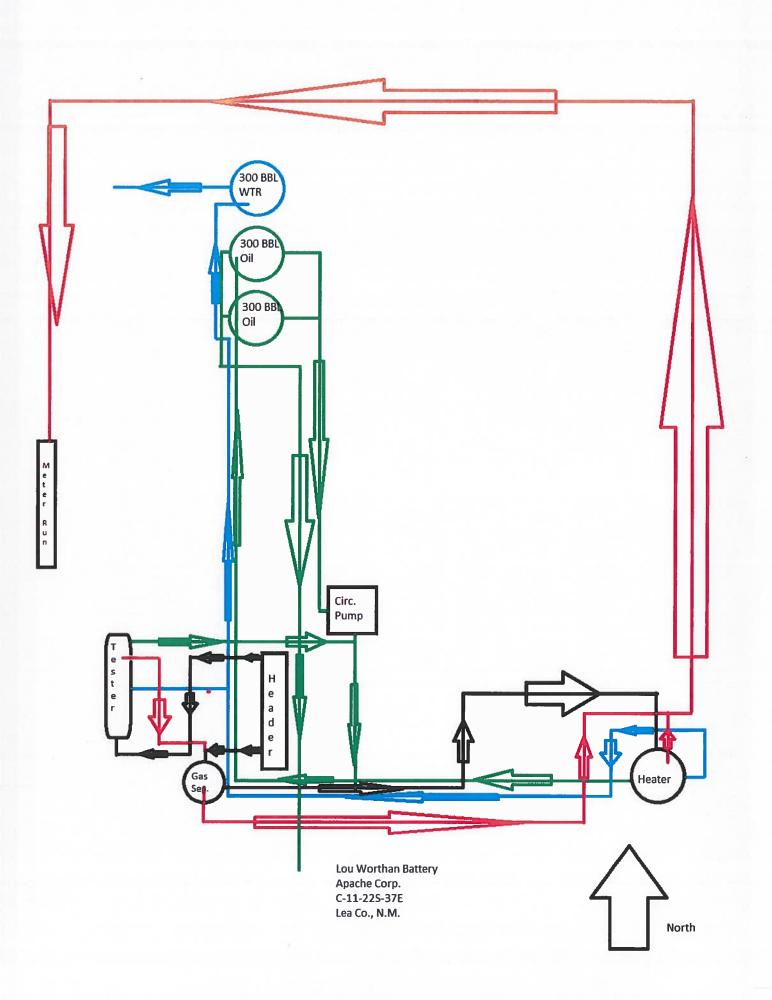
Reesa Fisher Sr. Staff Regulatory Analyst

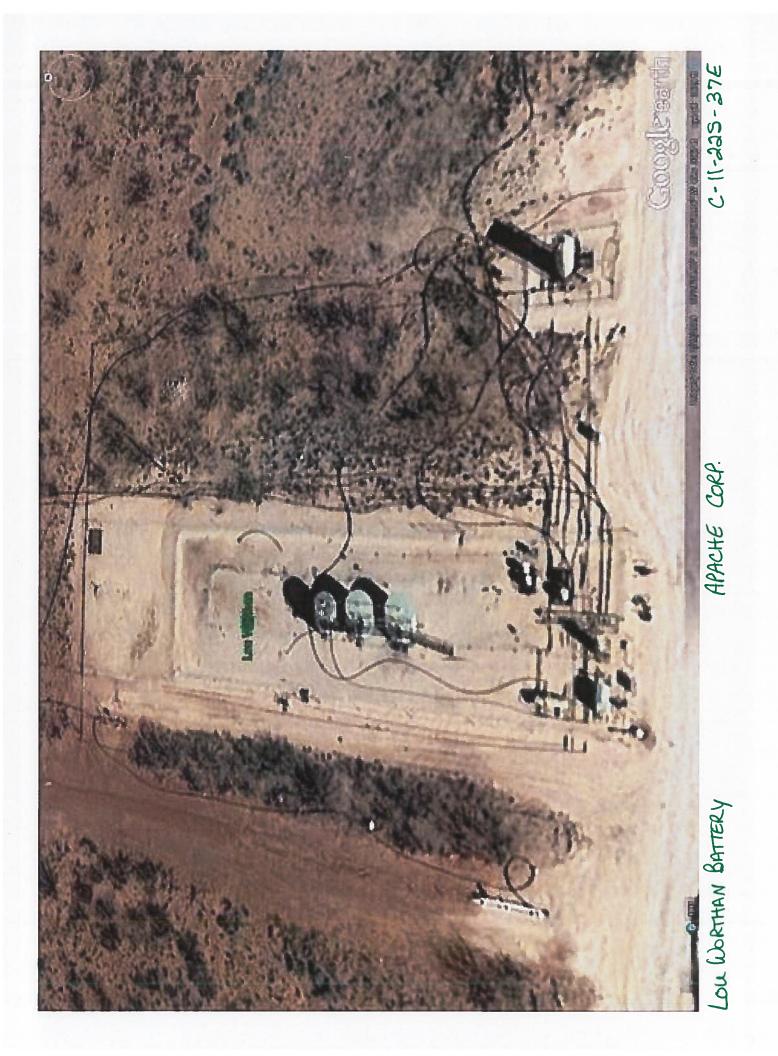
Enclosures

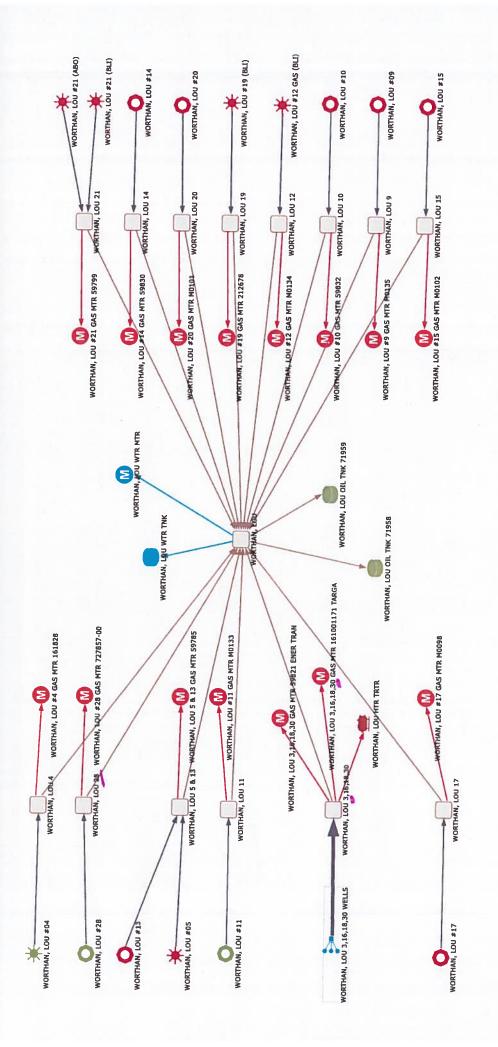
LOU WORTHAN LEASE WELLS PC-1218 SURFACE COMMINGLE C-11-22S-37E APACHE CORP.

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Bradinitian Dael(A)	6660 Blinebry O & G (Oil)	60240 Tubb O & G (Oil)			72480 Blinebry O & G (Pro Gas)	6660 Blinebry O & G (Oil)	60240 Tubb O & G (Oil)	86440 Tubb O & G (Pro Gas)	19190 Drinkard	72480 Blinebry O & G (Pro Gas)					62/00 Wantz: Abo	62/30 Wantz; Granite Wash		19190 Drinkard	62700 Wantz; Abo	86440 Tubb O & G (Pro Gas)		62700 Wantz; Abo	60240 Tubb O & G (Oil)	19190 Drinkard	62700 Wantz; Abo	60240 Tubb O & G (Oil)	62700 Wantz; Abo	62730 Wantz; Granite Wash	6660 Blinebry O & G (Oil)	62700 Wantz; Abo	62730 Wantz; Granite Wash	72480 Blinebry O & G (Pro Gas)	62700 Wantz; Abo	72480 Blinebry O & G (Pro Gas)	60240 Tubb O & G (Oil)	72480 Blinebry O & G (Pro Gas)	60240 Tubb O & G (Oil)	19190 Drinkard	62700 Wantz; Abo	
Could Date	2/8/2010			4/28/1946	6/4/1946	4/6/1948		10/12/1949					7061/01/1	C/GT/DT/h			3/12/1976			7/22/1976			11/10/1976	12/9/1976		6/27/1977			11/30/1985	3/16/1988		6/18/1996		5/17/2011		4/6/2011				
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Mell Name	LOU WORTHAN	(DHC-432)		LOU WORTHAN	LOU WORTHAN	LOU WORTHAN	(DHC-62-A)	LOU WORTHAN	(DHC-1017)	LOU WORTHAN	(DHC-66)	1011 MODULAN			(211-21)		LOU WORTHAN	(DHC-1019-B)		LOU WORTHAN	(DHC-100)		LOU WORTHAN	LOU WORTHAN	(DHC-980)	LOU WORTHAN	(DHC-83)		LOU WORTHAN	LOU WORTHAN	(DHC-63)	LOU WORTHAN	(Dual Completion)	LOU WORTHAN	(DHC-476)	LOU WORTHAN	(DHC-466)			
API	30-025-39549			30-025-10213	30-025-10214	30-025-10218		30-025-10219		30-025-10220		10101 100 00	17701-C70-06	C+C+3-C30-00			50-02-252-250			30-025-25304			30-025-25383	30-025-25405		30-025-25568			30-025-29469	30-025-30285		30-025-33426		30-025-40120		30-025-40080				







Allocation Schematic for Lou Worthan Battery C-11-22S-37E Apache Corp.



July 8, 2019

New Mexico Oil Conservation Division 1220 South St Francis Drive Santa Fe, New Mexico 87505

Re:

Amend existing Surface Commingle Order To add three additional wells Lou Worthan lease <u>Township 22 South, Range 37 East; N.M.P.M.</u> Section 11: Unit letter C Lea County, New Mexico

To Whom It May Concern:

Apache Corporation ("Apache") owns 100% leasehold working interest in the Blinebry, Tubb, Drinkard, Abo, and Granite Wash formations on the referenced lands. Additionally, revenue interest ownership is identical among all of Apache's Lou Worthan Lease wells.

I hereby certify that in the above captioned wells, that the ownership and revenue interest ownership in the pools and leases to be commingled are identical as defined in 19.15.12.7.B NMAC

If you have any questions or concerns, please do not hesitate to contact me at <u>jan.baker@apachecorp.com</u> or by telephone at 432-818-1654. Thank you and we look forward to your decision.

Best regards,

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Jan Baker, JD, CPL Landman for New Mexico Apache Corporation 303 Veterans Airpark Lane, Suite 1000 Midland, Texas 79705

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6/25/2019 1:20:02 PM

Anacha	Well Tests	ests													6/25/20	6/25/2019 1:20:02 PM	2 PM				
Copartme	Report Period:		December 1	December 1, 2018 to June 25, 2019	e 25, 20	19															
Test CI	Chk Tubi	Tubing PSIG	Casing PSIG	Shut-In PSIG	HBH	in the second	Pump (Clock	Valid		al an an an an	Volumes			Fluids	đ	Pump			atio	Non al
Date Hrs Ir	In. SPM High	Low	High Low	Tubing Casing	g PSIG	did	Freq. Hz	0	Test Ttl	Tti Liq. Oil	il Tti Gas	aas Frn	Frm Gas Water	UNIT .	Level Pump	np Sti	oke	GOR WOR		GLR IGLR	н
Region: PERMIAN	Distric	District: WEST DISTRICT	STRICT			1			Sup	Superintendent: WEST DISTRICT [PRICE]	t: WEST E	DISTRICT	[PRICE]		Foreman: EUNICE [DEAN]	E [DEAN	_				
WORTHAN, LOU #03 (BLI)	(ILI)	0)	Status: Producing	ing												-	1				
12/01/18 24									True	7.50	7.00 21	213.00	213.00 0.50	03				30.43	0.07 2	28.40	
01/02/19 24									True	8.00	7.00 21	212.00	212.00 1.0	1.00			6	30.29	0.14 2	26.50	
02/05/19 24									True	7.50	7.00 21	212.00	212.00 0.50	05		-	e	30.29	0.07 2	28.27	
03/05/19 24									True	8.00	7.00 20	209.00	209.00 1.1	1.00		-	~	29.86	0.14 2	26.13	
04/02/19 24									True	7.60	6.80 21	210.00	210.00 0.1	0.80		0.0	0	30.88	0.12 2	27.63	
05/02/19 24									True	7.60	6.80 20	209.00	209.00 0.	0.80		4.48	e	30.74	0.12 2	27.50	
06/05/19 24									True	7.50	6.50 20	208.00	208.00 1.	1.00			0	32.00	0.15 2	27.73	
Averages by Completion:	:00									7.67	6.87 21	210.43	210.43 0.	0.80			1947				
WORTHAN, LOU #04			Status: Producing	cing								2					-				
12/02/18 24									True	6.00	5.00 7	72.00	72.00 1.	1.00				14.40	0.20	12.00	
01/03/19 24									True	6.00	5.00	74.00	74.00 1.	1.00		-		14.80	0.20 1	12.33	
02/06/19 24									True	6.00	5.00	61.00	61.00 1.	1.00			-	12.20	0.20 1	10.17	
03/06/19 24									True	6.00	5.00	72.00	72.00 1.	1.00		-	-	14.40	0.20 1	12.00	
04/03/19 24									True	6.00	5.00	64.00	64.00 1.	1.00				12.80	0.20	10.67	
05/01/19 24									Тлие	6.00	5.00	76.00	76.00 1.	1.00		-		15.20	0.20	12.67	
06/06/19 24									True	5.50	4.50	70.00	70.00 1.	1.00				15.56	0.22 1	12.73	
Averages by Completion:	ion:									5.93	4.93	69.86	69.86 1.	1.00			-				
WORTHAN, LOU #05 12/03/18 24			Status: Producing	cing					Тгие	0.00	0.00	82.00	82.00 0.	0.00			<u></u>	0.00		0.00	0.00
									-						_	-	-				

Source: Avocet - D_1007 Well Tests

			IGLR			0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00							
		Ratios	GLR	Addres 1		0.00	0.00	0.00	00.0	00.0	00.0		0.00	0.00	0.00	0.00	55.00	50.00	60.00		0.00 220.00	00 302.50	0.00 244.00
			GOR WOR	192 2		0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00		220.00 0.0	302.50 0.00	244.00 0.(
0:02 PM		Pump	Stroke G	ANJ													-				53	ĕ	5
6/25/2019 1:20:02 PM		Fluids	Level Pump	Foreman: EUNICE [DEAN]																			
			LIM Le	For		-																	
			Water	-		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00.00	0.00	0,00	1.00	1.00	1.00	0.43	0.00	0.00	0.00
		mes	Frm Gas	ICT [PRICE		80.00	81.00	82.00	82.00	81.00	92.00	82.86	63.00	66.00	55.00	47.00	55.00	50.00	60.00	56.57	110.00	121.00	122.00
		Volumes	Ttl Gas	SuperIntendent: WEST DISTRICT [PRICE]		80.00	81.00	82.00	82.00	81.00	92.00	82.86	63.00	66.00	55.00	47.00	55.00	50.00	60.00	56.57	110.00	121.00	122.00
			. Oil	tendent: WI		00.00	00.00	00.00	00.00	00'0 0	00'0 0	0 0.00	00.00	00.0	0 0.00	0 0.00	00.00	0.00	0.00	3 0.00	0 0.50	0 0.40	0 0.50
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Anorha	elport	Test	Date Hrs	Region: PERMIAN	WORTHAN, LOU #05	01/08/19	02/07/19	03/07/19	04/04/19	05/03/19	06/07/19	Averages by Completion:	WORTHAN, LOU #09 (BLI) 12/04/18 24		02/08/19	61/80/20	04/05/19	05/04/19	61/60/90	Averages by Completion:	WORTHAN, LOU #10 (DRI) 12/13/18 24	01/10/19	61/60/20

Source: Avocet - D_1007 Well Tests

		Ratios	IGLR		ç	2	8	03	0		23	3	8	8	33	12	0		8	57	33	8	33
		œ	GLR		00 030 00		0 240.00	0 277.50	0 268.00		0 52.67	0 48.13	0 52.00	0 52.00	0 47.33	0 45.71	0 52.00		0 52.00	0 54.67	0 49.33	0 66.00	0 67.33
			WOR		000		00.00	00.0	0.00		0 0.50	0 0.60	0 0.50	0 0.50	0 0.50	0 0.40	0 0.50		0 2.00	0 2.00	0 2.00	0 2.00	0 2.00
			GOR		00.055	200	240.00	277.50	268.00	-	79.00	77.00	78.00	78.00	71.00	64.00	78.00		156.00	164.00	148.00	198.00	202.00
6/25/2019 1:20:02 PM		Pump	Stroke	EAN			-	•															
25/2019 1		ß	Pump	UNICE [D	1	17																	
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			Water		8	200	0.00	0.00	0.00	0.00	0.50	0.60	0.50	0.50	0.50	0.40	0.50	0.50	1.00	1.00	1.00	1.00	1.00
		Conde State	n Gas V	[PRICE]	110.00	0.0	120.00	111.00	134.00	119.00	79.00	77.00	78.00	78.00	71.00	64.00	78.00	75.00	78.00	82.00	74.00	99.00	101.00
		Volumes	Tti Gas Frm Gas	Superintendent: WEST DISTRICT [PRICE]			120.00	111.00	134.00	119.00	79.00	00.77	78.00	78.00	71.00	64.00	78.00	75.00	78.00	82.00	74.00	00.66	101.00
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Fests	Report Period:	Tubing PSIG	In. SPM High Low High	District: WEST DISTRICT																			
Well Tests	Report	Tu	PM Hig	Distr							()								(BLI)				
		chk			10 (DRI)					letion:	#11 OIL (E						_	letion:	WORTHAN, LOU #12 GAS (BLI) 12/15/18 24	-	-		**
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Am			Date	Region: PERMIAN	WORTHAN, LOU #10 (DRI)	03/09/19	04/06/19	05/05/19	06/06/19	Averages by Completion:	WORTHAN, LOU #11 OIL (BLI) 12/13/18 24	01/11/19	02/10/19	03/10/19	04/07/19	05/06/19	06/11/19	Averages by Completion:	WORTHAN, 12/15/18	01/12/19	02/11/19	03/11/19	04/08/19

Source: Avocet -- D_1007 Well Tests

6/25/2019 1:20:02 PM	Fluids Pump Ratios	Level Pump Stroke GOR WOR GLR IGLR	Foreman: EUNICE [DEAN]		194,00 2.00 64.67	190.00 2.00 63.33			208.00 0.00 208.00	208.00 0.00 208.00	206.00 0.00 206.00	206.00 0.00 206.00	204.00 0.00 204.00	205.00 0.00 205.00	209.00 0.00 209.00		336.00 1.00 168.00	246.00 1.00 123.00	350.00 1.00 175.00	355.00 1.25 157.78	292.00 1.00 146.00	316.00 1.00 158.00	
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					1.00	1.00	1.00		00'0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50	0.40	0.50	0.50	0.50	
	S	m Gas	T [PRICE]		00.76	95.00	89.43		208.00	208.00	206.00	206.00	204.00	205.00	209.00	206.57	168.00	123.00	140.00	142.00	146.00	158.00	
	Volumes	Tti Gas Frm Gas Water	T DISTRIC		97.00	95.00	89.43		208,00	208.00	206.00	206.00	204.00	205.00	209.00	206.57	168.00	123.00	140.00	142.00	146.00	158.00	
	and the second	Oii T	lent: WES		0.50	0.50	0.50		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0:50	0.50	0.40	0.40	0.50	0.50	
		Ttl Liq.	Superintendent: WEST DISTRICT [PRICE]		1.50	1.50	1.50		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.80	0.90	1.00	1.00	
	Valid	Test '	S		True	True			True		True	True	Тпие	Тгие	True	True	-						
	Pump Clock	Freq. Hz °o																					
December 1, 2018 to June 25, 2019		High Low Tubing Casing PSIG PIP	NSTRICT	Status: Producing				Status: Producing									Status: Producing						
Well Tests Report Period:	Chk Tubing PSIG	rs In. SPM High Low	N District: WEST DISTRICT	WORTHAN, LOU #12 GAS (BLI)	24	24	mpletion:	WORTHAN, LOU #13 GAS (DRI)	24	24	24	24	24	24	24	mpletion:	U #14 (ABO) 24	24	24	24	24	24	
Apache	Test	Date Hrs	Region: PERMIAN	WORTHAN, LO	05/12/19	06/11/19	Averages by Completion:	WORTHAN, LG	12/13/18	01/13/19	02/12/19	03/12/19	04/09/19	05/14/19	06/07/19	Averages by Completion:	WORTHAN, LOU #14 (ABO) 12/15/18 24	01/14/19	02/13/19	03/13/19	04/10/19	05/16/19	

Source: Avocet -- D_1007 Well Tests

7 of 18

Source: Avocet - D_1007 Well Tests

9 of 18

		Ratios	GLR IGLR	10		191.00	179.00	211.25	223.75	212.50	173.00			145.00	140.00	140.00	145.00	70.00	93.33		49.29	43.85	20.0	40.77	26.67	
			WOR GI			1.00 19	1.00 17	0.60 21	0.60 22	0.60 21	1.00 17			0.00 14	0.00 14	0.00 14	0.00 14	0.00 7	0.00		0.56 4			0.63 4	0.50 2	
			GOR W			382.00	358.00	338.00	358.00	340.00	346.00			145.00	140.00	140.00	145.00	70.00	93.33		76.67			66.25	40.00	
02 PM		Pump	oke	1		0	0	61	69		69	172			-	-	-					7.5				•
6/25/2019 1:20:02 PM		ã	Pump St	CE [DEAN								-	_			- Me		-	-	- 10		-				
6/25/2		Fluids	Level Pur	Foreman: EUNICE [DEAN]																						
			TUT	Ē													20	-	1				~~			
			Water			0.50	0.50	0:30	0:30	0:30	0.50	0.40		0.00	0.00	00.00	00.0	0.00	0.00	0.00	0.50	0 50	0000	0.50	0.40	
			Frm Gas V	[PRICE]		191.00	179.00	169.00	179,00	170.00	173.00	176.83		29.00	28.00	28.00	29.00	28.00	28.00	28.33	69.00	67.00	PA. / C	53.00	32.00	
		Volumes	Ttl Gas Frn	Superintendent: WEST DISTRICT [PRICE]		191.00	179.00	169.00	179.00	170.00	173.00	176.83		29.00	28.00	28.00	29.00	28.00	28.00	28.33	69.00	67.00	0.75	53.00	32.00	
			OII TH	it: WEST		0.50 1	0.50 1	0.50 1	0.50 1	0.50 1	0.50 1	0.50 1		0.20	0.20	0.20	0.20	0.40	0.30	0.25	06.0			0.80	0.80	
			Tti Liq. 0	erintender		1.00	1.00	0.80	0.80	0.80	1.00	0.90		0.20	0.20	0.20	0.20	0.40	0:30	0.25	1 40	1 20	00.1	1.30	1.20	
		Valid	Test Tti	Sup		True	True	True	True	True	Тлие		-	True	True	True	True	True	True		Tute	t at a	2	True	True	
		Clock Va	% T	10000		F	F	F	F	F	Ĥ			F	H	-	T	+	F		F	F		F	F	
		Pump C	Freq. Hz																							
		P	Pip Fre																							
	, 2019	HB	PSIG P																							
	December 1, 2018 to June 25, 2019																									
	2018 to	Shut-In PSIG	Tubing Casing																		5					
	nber 1,	PSIG	Low		Status: Producing								Status: Producing								Status: Producing					
	Decen	Casing PSIG	High	STRICT	Status:								Status:								Status:					
sts	eriod:	Tubing PSIG	Low	District: WEST DISTRICT																						
Well Tests	Report Period:	Tubin	A High	District																						
		Chk	in. SPM		7 (ABO)							tion:	8 (TUBB)							tion:	(IT8) 6.					
- Proventing			Hrs	NAIMF	1, LOU #1	24	24	24	9 24	24	24	y Comple	1, LOU #1	3 24	9 24	9 24	9 24	9 24	9 24	y Comple	N, LOU #1		54 F	9 24	9 24	
Anarcha		Test	Date	Region: PERMIAN	WORTHAN, LOU #17 (ABO)	12/14/18	01/22/19	02/20/19	03/19/19	04/17/19	05/24/19	Averages by Completion:	WORTHAN, LOU #18 (TUBB)	12/15/18	01/23/19	02/21/19	03/19/19	04/19/19	05/28/19	Averages by Completion:	WORTHAN, LOU #19 (BLI)		61/42/10	02/22/19	03/20/19	
				Ĕ	17	1	-	1.1	1	-	10.0	Ä	-		-	15-11-	-	-	-	4		-	-	-	-	-2.11

Source: Avocet - D_1007 Well Tests

11 of 18

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	1 0100
I Tests	
Wel	

Apache

Report Period: December 1, 2018 to June 25, 2019

	WOR		
	GOR	No.	
CAND	Level Pump Stroke GOR WOR	Pump	:20:02 PM
CINICE IN	Pump	ds	6/25/2019 1:20:02 PM
Coromoni El MICE (DE AND	Level	Fluids	Ū.
	Lift		
-		A LEAD	
T DISTORT TOBUST	Il Gas Frm Gas Water	mes	
DTOIN T	ti Gas	Volumes	

Batios

IGLR															0.00	0.00	0.00	0.00	0.00	0.00
GLR IG			37.50	43.33	60.00		40.00	40.00	40.00	36.50	39.00	38.00	38.50		0.00	0.00	0.00	0.00	0.00	0.00
MOR			0:20	0.71	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00							
GOR			56.25	74.29	120.00		80.00	80.00	80.00	73.00	78.00	76.00	77.00		00'0	00'0	00.0	00.00	00.0	00.0
Stroke	EANJ																			
Level Pump	ш Н																			
Lift					1				Y	1	1		1000							
Water			0.40	0.50	0.50	0.47	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00
Imes Frm Gas Water	T [PRICE		45.00	52.00	60.00	52.57	80.00	80.00	80.00	73.00	78.00	76.00	77.00	17.71	77.00	78.00	77.00	93.00	87.00	84.00
Volumes Tti Gas Frm	T DISTRIC		45.00	52.00	60.00	52.57	80.00	80.00	80.00	73.00	78.00	76.00	77.00	17.71	77.00	78.00	77.00	93.00	87.00	84.00
I IO	ent: WES'		0.80	0.70	0.50	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00
Tri Lia.	Ğ		1.20	1.20	1.00	1.23	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00
Valid Test Tt	100		True	True	True		True	True	True	True	Тгие	True	True		True	True	True	True	True	True
Clock "																				
Pump Fren. Hz																				
did																				
BH Pisig																				
Shut-In PSIG Tuhing Casing	8																			
		ing					ging								guia					
Casing PSIG		Status: Producing					Status: Producing								Status: Producing					
	DISTRIC	Status					Status								Status					
Tubing PSIG																				
Chk Tubin in SDM High	H 5	(ITR)				tion:	0 (ABO)							tion:	(1 (ABO)					
st Hre		1, LOU #19	24	24	24	/ Complet	4, LOU #20	24	24	24	24	24	24	y Comple	N, LOU #2 ⁻ 3 24	9 24	9 24	9 24	9 24	9 24
Test Date 1	Region: PERMIAN	WORTHAN, LOU #19 (BLI)	04/20/19	05/28/19	06/13/19	Averages by Completion:	WORTHAN, LOU #20 (ABO) 12/16/18 24	01/26/19	02/24/19	03/22/19	04/22/19	05/28/19	06/18/19	Averages by Completion:	WORTHAN, LOU #21 (ABO) 12/16/18 24	01/25/19	02/23/19	03/21/19	04/21/19	05/24/19

Source: Avocet -- D_1007 Well Tests

		E.			0.00																		
	Ratios	GLR IGLR			0000			106.67	106.67	113,64	126.00	122.00	120.00	121.00		31.78	27.08	21.67	22.00	23.60	24.20	24.40	
	The second	WOR G						0.71 10	0.71 10	0.83 11	1.00 12	1.00 12	1.00 12	1.00 12		0.13		0.20 2	0.25 2	0.25 2	0.25 2	0.25 2	
		GOR W			0.00			182.86	182.86	208.33	252.00	244.00	240.00	242.00		35.75	32.50	26.00	27.50	29.50	30.25	30.50	
	bump	Strake G	-		. 21			-	-	¢1	N	cù	Ň	¢1		n 16		_		-	-		
	đ.		CE [DEAN								-		12/10/						-	_			
	Fluids	Level Pump	Foreman: EUNICE [DEAN]																				
		er Lift			0.00	0.00		0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.80	0.80	1.00	1.00	1.00	1.00	0.87
	100 (L.S.)	is Water	ICE]		91.00 0	83.86 0																	
	Volumes	Ttl Gas Frm Gas	RICT [PR					128.00	128.00	125.00	126.00	122.00	0 120.00	121.00	124.29	143.00		104.00	110.00	118.00	121.00	122.00	121.14
	Vo	Ttl Gas	EST DIST		91.00	83.86		128,00	128.00	125.00	126.00	122.00	120.00	121.00	124.29	143.00		104.00	110.00	118.00	121.00	122.00	121.14
		Oil	Indent: W		0.00	0.00		0.70	0.70	09.0	0.50	0.50	0.50	0.50	0.57	4.00		4.00	4.00	4,00	4.00	4.00	4.00
		Tti Liq.	Superintendent: WEST DISTRICT [PRICE]		0.00	0.00		1.20	1.20	1.10	1.00	1.00	1.00	1.00	1.07	4.50	4.80	4.80	5.00	5.00	5.00	5.00	4.87
	Valid	Test			True			True		True	True	True	True	True	True	True							
	Clock	0																					
	dund	Freq. Hz																					
019	No. of the local division of the local divis	Pip																					
le 25, 2(BH	g PSIG																					
to Jur	Shut-In PsiG	Low Tubing Casing																					
1, 2018	Shu	/ Tubin	411	Icing			lcing									lcing							
December 1, 2018 to June 25, 2019	Casing PSIG		СТ	Status: Producing			Status: Producing									Status: Producing							
÷		w Hig	T DISTRI	Statu			Stati									Stat							
Report Period:	Tubing PSIG	In. SPM High Low High	District: WEST DISTRICT																				
Rep		SPM	ä	30)			(1-									6							
H	Chk		N	U #21 (AE	24	mpletion:	U #21 (BL	24	24	24	24	24	24	24	mpletion:	0U #28 (BL	24	24	24	24	24	24	mpletion
Cypache	Test	Date Hrs	Region: PERMIAN	2	06/18/19	Averages by Completion:	WORTHAN, LOU #21 (BLI)	12/16/18	01/25/19	02/23/19	03/21/19	04/21/19	05/24/19	06/18/19	Averages by Completion:	WORTHAN, LOU #28 (BLI) 12/17/18 24	01/28/19	02/25/19	03/23/19	04/23/19	05/23/19	06/13/19	Averages by Completion:
5			Region	WOR	./90	Averag	WOR	12/	01/	02/	,160	04/.	05/	/90	Averag	WOR 121	01/	02/	03/	04/	05/	08/	Averac

Source: Avocet - D_1007 Well Tests

6/25/2019 1:20:02 PM

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Anache Well Tests

	los	IGL									
	Ratios	GLR			45.68	46.74	44.44	46.74	44.44	44.67	44.22
		WOR			0.13	0.10	0.13	0.13	0.13	0.13	0.13
		GOR			51.54	51.54	50.00	52.89	50.00	50.25	49.75
	Pump	Stroke	EANJ								
	is	Pump	UNICE [DE					in the second			
	Fluids	Level	Foreman: EUNICE [DEAN]								
		Lift:							_		
		Water			0.50	0.40	0.50	0.50	0.50	0.50	0.50
	SS		T [PRICE]		201.00	201.00	200.00	201.00	200.00	201.00	199.00
	Volumes	Ttl Gas Frm Gas	T DISTRIC		201.00	201.00	200.00	201.00	200.00	201.00	199,00
		T IIO	lent: WES		3.90	3.90	4.00	3.80	4,00	4.00	4.00
		Ttl Liq.	Superintendent: WEST DISTRICT [PRICE]		4.40	4.30	4.50	4.30	4,50	4.50	4.50
	Valid	Test 7	S		True	True	True	True	True	True	True
	Clock	20									
	hump	Freq, Hz									
6		did									
25, 201	HB	PSIG									
o June	h PSIG	Casing									
, 2018 t	Tubing PSIG Casing PSIG Shut-In PSIG	Tubing		Бu							
ember 1	g PSIG	Low		Status: Producing							
Dece	Casin	High	DISTRICT	Status:							
Period:	ng PSIG	Low	District: WEST DISTRICT								
Report Period: December 1, 2018 to June 25, 2019	Tubi	Date Hrs in. SPM High Low High Low Tubing Casing PSIG PIP	Distric								
-	Chk	in. SP		(0 (ABO)							
		Hrs	MIAN	I, LOU #3	24	24	24	24	24	9 24	24
	Test	Date	Region: PERMIAN	WORTHAN, LOU #30 (ABO)	12/17/18	01/27/19	02/25/19	03/24/19	04/24/19	05/28/19	06/20/19
	-	-	ć	1			-	-	100		1 con

4.43 3.94 200.43 200.43 0.49

Averages by Completion:

Source: Avocet -- D_1007 Well Tests

District 1		State o	f New Mexico		Form C-102
1625 N. French Dr., Hobbs, N. District II 1301 W. Grand Avenue, Artes District III 1000 Rio Brazos Rd., Aztec, N. District IV 1220 S. St. Francis Dr., Santa	JAN 0 101 B7410 10 BF	E Venergy, Minerals &	Natural Resources Department VATION DIVISION th St. Francis Dr. Fe, NM 87505	Submit to	Revised October 12, 2005 Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies
	WE	LL LOCATION AND	ACREAGE DEDICATIO	ON PLAT	
'API Numbo 30-025-39549	er	² Pool Code 6660	Blinebry Oil & Gas (Oil)	' Pool Name	
⁴ Property Code 306605	Lou Worthan	Σ.	[•] Well Number 003		
OGRID No. Operator Name					'Elevation

OGRID	No.				*Operator		Elevation		
873		Apache Co	orporation					3351'	
					¹⁰ Surface	Location			
UL or lot no.	Section	Township	Range	Lot Idn			Feet from the	East/West line	County
В	11	22S	37E		990	North	2310	East	Lea
			¹¹ Bo	ottom Ho	le Location I	f Different From	n Surface		
UL or lot no.	Section	Township	Range	Lot Idn				East/West line	County
" Dedicated Acres	Joint of	Infill "C	onsolidation (Code ¹⁵ Or	der No.				
40									

¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order hereighter entered by the division,
Reasa Helland 01/04/2011 Signature Date
Reesa Holland
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.
una correct to the best of my bettef.
Date of Survey
Signature and Scal of Professional Surveyor:
Certificate Number

District I	State of New Mexico										
1625 N. French Dr., Hobbs, NM 88249 ECEIVENES, Minerals & Natural Resources Department Revised October District II 01L CONSERVATION DIVISION Submit to Appropriate Distri 1301 W. Grand Avenue, Artesia, NM 88210 01L CONSERVATION DIVISION State Lease - District III JAN 06 2011 1220 South St. Francis Dr. State Lease - 1000 Rio Brazos Rd., Aztec, NM 87410 HOBBSOCD Santa Fe, NM 87505 Fee Lease -											
1220 S. St. Francis Dr., Sant	20 S. St. Francis Dr., Santa Fe, NM 87505										
	WE	LL LOCATION AND	ACREAGE DEDICATIO	ON PLAT							
'API Num 30-025-39549	ber	³ Pool Code 60240	Tubb Oil & Gas (Oil)	³ Pool Name							
[•] Property Code 306605	Lou Worthar		roperty Name		[•] Well Number 003						
'OGRID No. 'Operator Name 'Elevation 873 Apache Corporation 3351'											
		10 Sur	face Location		3						

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line		County	
В	11	22S	37E		990	North	2310	East	Lea		
¹¹ Bottom Hole Location If Different From Surface											

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹⁷ Dedicated Acres 40	" Joint or	Infill ^{1*} (Consolidation (Code ¹⁵ Or	der No.				

16 11 OPERATOR CERTIFICATION 18 12360' 2360' 10 OPERATOR CERTIFICATION 18 10 operation Note location and anythin to all table with the most computation either and the stand including the proposed bornom hole location are anythin to all table with a biolication in the stand including the proposed bornom hole location are anythin to all table with a biolication or the anything interest or a volume or working interest or	 			
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:		.966	2310'	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, ar to a voluntary pooling agreement or a computory pooling order herein five entered by the division.
Signature and Scal of Professional Surveyor:				me or under my supervision, and that the same is true and correct to the best of my belief.
				Date of Survey
Certificate Number				Signature and Scal of Professional Surveyor:
				Certificate Number

District I	State o	f New Mexico	Form C-102
District I 1625 N. French Dr., Hobbs, NM 88240 C District II 1301 W. Grand Avenue, Artesia, NM 88240	Energy, Minerals & N	Vatural Resources Department	Revised October 12, 2005 bmit to Appropriate District Office
District III JAN 1000 Rio Brazos Rd., Aztec, NM 87410 OB District IV	BSOCD 1220 Sout	th St. Francis Dr. Fe, NM 87505	State Lease - 4 Copies Fee Lease - 3 Copies
1220 S. St. Francis Dr., Santa Fe, NM 87505			AMENDED REPORT
WE	ELL LOCATION AND	ACREAGE DEDICATION PLAT	Γ
'API Number	² Pool Code	' Pool Nam	e

30-025-3954	9		19190		Drin	kard					
[•] Property (306605	Code	Lou Worth	nan		⁵ Property	Name			003	Well Number	
'ogrid i 873		'Operator Name 'Elevation Apache Corporation 3351'									
					¹⁰ Surface	Location					
UL or lot no.	Section	Township	Range	Lot ldn	Feet from the		Feet from the	Eas	t/West line		County
В	11	225	37E		990	North	2310	East		Lea	
			¹¹ Bo	ottom Ho	le Location I	f Different From	n Surface				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	Eas	t/West line		County
" Dedicated Acres 40	¹³ Joint o	r Infill 💾 C	Consolidation	Code ¹⁵ Or	der No.	·					

	All and the second seco		
16	.046	2310'	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsary pooling urder horeofore entered by the division Date
			Reesa Holland 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 Scal of Professional Surveyor:

District I		State of New Mexico	Form C-102
1625 N. French Dr., Hobbs, NM 88140	CENA	Ev. Minerals & Natural Resources Department	Revised October 12, 2005
District II 1301 W. Grand Avenue, Artesia, NM 8821 District III	10	State of New Mexico Fey, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	ubmit to Appropriate District Office
IAN IAN	06 2044		State Lease - 4 Copies
1000 Rio Brazos Rd., Aztec, NM 87410 District IV	RECOD	Santa Fe, NM 87505	Fee Lease - 3 Copies
District IV 1220 S. St. Francis Dr., Santa Fe, NM 8750		Salita Fe, INVI 67505	AMENDED REPORT
	WELL LO	CATION AND ACREAGE DEDICATION PLA	

	API Number	r	00700	² Pool Code ² Pool Name							
30-025-39549	9		62700	62700 Wantz; Abo							
Property 0 306605	Code	⁵ Property Name Lou Worthan							⁴ Well Number 003		
'ogrid i 873		Operator Name Apache Corporation							3351'	'Elevation	
¹⁰ Surface Location											
UL or lot no.	Section	Township	Range	Lot Idn	Feet from th	e North/South line	Feet from the	Eas	t/West line		County
В	11	22S	37E		990	North	2310	East		Lea	
			¹¹ Bo	ottom Ho	le Location	If Different From	m Surface				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from th	e North/South line	Feet from the	Eas	st/West line		County
" Dedicated Acres 40	Joint or	Infill ["] Co	nsolidation	Code ¹³ Or	der No.		•			·	

	C	N	
16	.066	2310'	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order provider entered by the prision
	~		Signature 01/04/2011 Signature Date
			Reesa Holland
			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 Scal of Professional Surveyor:
			Cenificate Number
			werning i turibel

District I PO Bax 1980, Hobbs, NM 88241-1980 District II 811 South First, Artesia, NM 88210 District III 1888 Rio Bruzos Rd., Aztec, NM 87410 District IV 2040 South Pacheco, Santa Fe, NM 87505 State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505 Form C-102 Revised October 18, 1994 Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

		WE	LL LOC			REAGE DEDI	CA					
· · ·	API Numb	er		¹ Pool Code			_	³ Pool Na		~		
	25-10											
* Property		,	³ Property Name LOW WORTHAN ⁶ Operator Name MARATHON OIL Co. ¹⁹ Surface Location Transition Report Lot Ida								Well Number	
648		4	on n	ORTHA	tul					4		
'OGRID					• Operato	r Name					* Elevation	
01402		M	ARATHO	DA OIL	- (p.					GR:3	341 KR: 335	
					Surface	Location	1 -					
UL or lot no.	Section	10- and	reauge	Lot Idn	For Horn one	HOI LAD OVER MIC		et from the	East/We		County .	
6	_//	22-5	37-E		1980	North		980	EAS	Γ	LEA	
			Dom			If Different Fre	-			_		
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Fe	et from the	East/We	rt line	County	
						1						
¹² Dedicated Acr	es "Joint	or Lafill "C	Consolidation	Code 0	rder No. h)(P-1795	10	10				
40			001(0)150				<u> </u>					
NO ALLOV	VABLE					ION UNTIL ALL				EN CO	NSOLIDATED	
			C	1	8					CED	TIFICATION	
16	D		Ļ		5		► 11	OTL			contained herein is	
					21		-				knowledge and belief	
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										//		
	E		F	1	6		H	acre	t El	deft	0	
f .	E			1 Inde		Ν	^	Signature	- the	ces		
				ן פ		Ν	I	Printed Nam	•	<u>ميمو</u>		
			h	J	key	- 12		ENGIN	EERIN	S TEC	HNICIAN	
			h	1	1980	N		Title	alaa			
	i i		h			Ν		Date	8198			
				100]	_	1807 107	TWOP	GER		
	2		K	40 4	ACRE OIL		I				TIFICATION	
								I hereby certig was platted fr	fy that the w am field not	ell locatio es of actur	n shown on this plat al surveys made by me	
								or under my s	upervision,	and that L	he same is true and	
								correct to the	best of my t	nelief.		
								Date of Surve				
								Signature and	•	fersional 4	Surren	
	M		کم		0		P	and manufic and	orm of LLO		AN TOYLI.	
								4				
								7 7				
				{								
				1				Certificate Nu	mber			

District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos R.J., Aztee, NM 87410 <u>District IV</u> 1220 S. SL Francis Dr., Santa Fe, NM 87505 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 15,2009 Submit one copy to appropriate District Office

AMENDED REPORT

		W	ELL LO	CATIO	N AND ACE	EAGE DEDIC	CATION PLA	TL	**		
	PI Numbe			³ Pool Cei	Code Pool Name						
30-02	5-10	214		72480		BLINEBRY OIL & GAS (PRO CAS)					
Property C					3 Property	Name			Well Number		
30660	55		LOU WORTHAN 5								
OGRIDI			* Operator Name * Elevation								
873	5		APACHE CORPORATION								
					¹⁰ Surface	Location					
UL or lat no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County		
C	11	22 S	37 E		660	N	1980	\sim	LEA		
			¹¹ Bo	ottom Ho	ole Location I	f Different From	n Surface				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
·				_							
12 Dedicated Acres	Joint o	r Infill 14 C	onsolidation	Cede 150	rder No.						
40							NSP-1937-A-npt				

10				¹⁷ OPERATOR CERTIFICATION
	1 2			I hereby certify that the diformation contained herein is true and complete
1	000			to the best of no low ledge and beinef, and that this organization eather
				owner a working interest or indensed mineral interest in the land frieholog
	10	t,		the proposed bottom hale location or has a right to drill this well at this
1,980'		ſ		fucation pursuant to a cantract with an owner of such a numeral or working
1.00				interest, or to a voluntary pouling agreement or a computary pooling arder
				hereinfure entered by the division.
[11112010
	11			11 Well Hall
k				Signature Date
8				Michelle Hanson Printed Name
l				ISOLED ALL ALL ALL ALL ALL ALL ALL ALL ALL AL
				¹⁸ SURVEYOR CERTIFICATION
1				I hereby certify that the well location shown on this plat
	1			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 Scal of Professional Surveyor:
			342	
				Certificate Number

District I 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santz Fe, NM 87505

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 15,2009 Submit one copy to appropriate District Office

AMENDED REPORT

	WELL LOCATION AND ACREAGE DEDICATION PLAT									
API Number 2 Pool Cod					J Fool Name					
30-025 *Property C	5-102	18	_	GGGO			BLINEBRY OIL &	GAS (OIL)		
* Property C	lode				Property	Varaa			* Well Number	
30660	5	LOU WORTHAN . 9							9	
OGRID	No.		* Operator Name * Elevatio							
873			APACHE CORPORATION							
¹⁰ Surface Location										
UL er lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County	
E	11	22 S	37 E		1905	N	440	W	LEA	
·			ПВс	ottom Ho	le Location 1	f Different From	n Surface			
UL or lat no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
³² Dedicated Acres 40	¹³ Joint o	r Infill 14 Cor	wolidation	ofidation Codo Sold Sold Sold Strate No. NSP-1937-A-apt						

10 - Sof	¹⁷ OPERATOR CERTIFICATION Ilsersby certify that the utgements communed herein is true and complete to the best of one how herein a contract herein is true and complete to the best of one how herein and herein a comparison of the owns o working timenan or inkeased minimal outered in the land in the owns o working timenan or inkeased minimal outered in the land in the owns o working timenant or inkeased minimal outered in the location purposed bettern hale location of here of such a minimal or working location purposed bettern the a contract with an conter of such a minimal or working
	huistest, or 10 a valuilary pooling agreement or a computing pooling arits hereiging entered by the in tains 1/14/2010 Silgnahure Date
440	<u>Nikthelle Hunson</u> Printed Name
	18 SURVEYOR CERTIFICATION I hersby certify that the well locatian 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 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

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 June 10, 2003 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

□ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

	API Number 0-025-10218	г		² Pool Code ³ Pool Name 60240 Tubb Oil & Gas (Oil)					
⁴ Property (6488	Code				⁴ Well Number 9				
⁷ OGRID 1 14021	No.			* Operator Name * Eler Marathon Oil Company KB 3					
					¹⁰ Surface	Location			
UL or lot no. E	Section 11	Township 22-S	Range 37E	Lot Idn	Feet from the 1,905'	North/South line North	Feet from the 440'	East/West line West	County Lea
			¹¹ Bo	ttom Hol	e Location I	f Different Fro	m Surface		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
² Dedicated Acres 40	Joint of	r Infill ¹⁴ Co	onsolidation	Code ¹⁵ Or	der No.	1	<u> </u>		1

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

1,905'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature Brent Lockhant
	Printed Name Engineer BDLockhart@MarathonOil.com Title and E-mail Address
4 ↓ • 440'	03/01/04 Date
	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.
4	Date of Survey Signature and Seal of Professional Surveyor:
	Certificate Number

<u>District 1</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District 11</u> 1301 W. Grand Avenue, Artesia, NM 88210 <u>District 111</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505 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 15,2009 Submit one copy to appropriate District Office

AMENDED REPORT

30-035-10219				2 Pool Code 86440		TUBB OIL & GAS (PRO GAS)			
Property (3066					Well Number				
'OGRID	No.			Operator Name APACHE CORPORATION					
					¹⁰ Surface	Location			
UL or lui no. D	Section 11	Township 22 S	Ronge 37 E	Loi Ida	Feet from the	Nurth/South line	Feel from the	East/West line	County LEA
			¹¹ Bc	ottom Ho	le Location 1	f Different From	m Surface		- <u> </u>
UL or lat no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	¹³ Jaint a	e infill ¹⁴ C	onsolidation	Code 15 Dr	der No.		NSP-1937-A-apt		

16 585' 	¹⁷ OPERATOR CERTIFICATION 1 hereby certify that the information constants of herein it true out encoulered in the best of my hard-ledge and belief, and that this organization either aritis a working interest or unleased interest in the land such dues the preproved bottom bale location or has a regist in draft in well of this location parases to a contract with an ensure of such a marked or working interest, or to a submitury parling organization or a compution younding under hereinfore eldensit by the derivies. Market Interest Signature Printed Name
	IBSURVEYOR 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 Scal of Professional Surveyor:

District I PO Box 1980, Hobbs, NM 88241-1980

District II

PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rio Brazos Rd., Aztec. NM 87410 District IV PO Box 2088, Santa Fe, NM 87504-2088 State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088 Form C-102 Revised February 10, 1994 Instructions on back

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number				¹ Pool Code			³ Pool Name				
30-025-	10219		1	9190			Drinkard				
* Property	Code				¹ Pr	operty	Name				Well Number
006488		Lou	Worth	an						10	
'OGRID	No.				' Op	erstor	Name			0.0.7	Elevation GL
14021	-	Mar	athon	Oil Con	npany					33/0	J' GL
L					10 Sur	ace	Location				
UL or lot no.	Section	Township	Range	Lot ida	Feet from	-	North/South fine	Feet from the	East/We	d line	County
		225	37E	Locida	585	-uc	North	660	West		Lea
D	11	225			1			L			
						-	f Different Fro				
UL or lot no.	Section	Township	Range	Lot Ida	Feet from	the	North/South line	Feet from the	East/Wes	t line	County
" Dedicated Acro		or Iafill 1" C	onsolidatio	a Code 14 C	rder No.						
40	N										
NO ALLOW	VABLE						ON UNTIL ALL			EN CO	NSOLIDATED
		ORA	NON-ST	ANDARD	UNIT HA	S BE	EN APPROVED	BY THE DI	VISION		
16	85'						11	17 OP	ERATOR	CER	TIFICATION
6	85.						× 1	11.			contained herein is
K	0							true and c	omplese so she b	est of my	knowledge and belief
660'	Ĭ										· · ·
											*
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						-+		Signature	ch).	7-57	X
									ick D. Ga	addis	
								Pristed N	a core		
						- -		18	etroleum	Engin	neer
								Title	10 10	20%	
								Date	ay 19, 19	994	
								"SUR	VEYOR	CERT	IFICATION
						1					shown on this plat
				-							l surveys made by 21 the same is true
									to the best of a		
		5									
								Date of Su	vey		
					· · · · · · · · · · · · · · · · · · ·			Signature a	ad Scal of Profe	suional Su	urveyer:
	1										
				1				Certificate	Number		

District I 1625 N. French Dr., Hobbs, NN1 88240 <u>District II</u> 1301 W. Grand Avenue, Artesia, NMI 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztee, NN1 87410 <u>District IV</u> 1220 S. S. Francis Dr., Sania Fe, NMI 87505

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 15,2009 Submit one copy to appropriate District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

	API Number					J Pool Name LINEBRY OIL & GAS (PRO GAS)				
30-025	- 10c	120		72480			SLINEDICI UL & G.	AS (PRO UAS)		
Property 0 3060		³ Property Name LOU WORTHAN							Well Number	
OCRID	No.				* Operator APACHE CORP		'Élevation			
					¹⁰ Surface	Location				
UL or lot no. F	Section 11	Township 22 S	Range 37 E	Lat Ida	Feet from the	North/South line	Feet from the 2055	Enst/West line	County LEA	
	h	·	TI Be	ottom Ho	le Location I	f Different Fro.	in Surface			
UL or lat no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County.	
15 Dedicated Acres 40	s ¹³ Joint of	r înfill	nsolidation	Code ¹⁵ Or	ver No.	1	NSP-1937-A-npt			

16	
10	"OPERATOR CERTIFICATION
	I hereby certify that the information contained hereor is true and complete
	in the bot of my burn letter and belief, and then this organization other
	theres a nucking interest or taileased moveral interest or the land including
S S	the proposed busine hate location or has a right to drill this well of dus
18	hastice por a way to a contrast with all contrest of such a muneral or working
	interest, or to a voluntary peology agreement or a computeory peology under
	heretafare entered by the dyraphic
////	
	Thick tawa
	Signathra Date
	Michelle Honson Prinwd Name
2,055	
	¹⁸ SURVEYOR CERTIFICATION
	I hereby certify that the well location shown on this plat
	was plotted from field notes of octual 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

<u>District 1</u> 1625 N. French D.c., Hebbs, NM 88240 <u>District 11</u> 1301 W. Grand Avenue, Artesia, NM 88210 <u>District 111</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District 112</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico Energy Mitterals & Natural Resources Department OE CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-102 Revised October 15,2009 Submit one copy to appropriate District Office

AMENDED REPORT

		W	ELL LO	DCATIN	N AND ACF	REAGE DEDIC	ATION PLA	T	
	API Nuruber			Pea 2163	_		Pool Nat	mc	
30-025	2-20		60240		(Tubb Oil & Gas	(OIL)		
* Property Code 3 Prop						roperty Name 'Well N U WORTHAN			
OCRIDI			* Operator Name APACHE CORPORATION					⁷ Elevation	
					¹⁰ Surface	Location			
UL or lot no.	Section	Township	Range	Lr ii	Feet from the	North/South line	Feet from the	Enst/West line	County
F	11	22 S	37 E		1905	N	2055	W	LEA
			ⁿ Bo	ottem He	e Location I	f Different From	n Surface		
UL or lot no.	Section	Township	Range	Let ar	Feet from the	North/South line	Feet fram the	East/West line	Conn
Dedicated Acres 40	Jeint o	r Infill ¹⁴ C	onsolidation	Ced: 72-	der Na.	I	NSP-1937-A-npt		

	Signature and Scal of Professional Surveyor
	18 SURVEYOR CERTIFICATION 1 hereby certify that the well location shown on this plat was platted from field notes of actual surveys under by me or under my supervision, and that the same is true and correct to the best of my belief Date of Survey
	Interest to to a volantary jundant uprovincial or a computary of why to the Interesting control by the dyname 1/14/2010 Signature Date <u>Michelle Hanson</u> Prated Name
10 - ,506	I' OPERATOR CERTIFICATION I hardby certify that the information constrined herein a structed consider is the best of my hone-ledge and belief, and that this expansives - collect conte a working interest or unleased moneral laterest of the last inter- where proposed bottom hale location or has a right to defit they weil at this location parturated to a councist with an instruct of seeing money. For weaking

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

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

AMENDED REPORT

WELL LOCATION	AND ACREAGE	DEDICATION PLAT

API Number		² Pool Code		' Pool Name	Pool Name			
30-025-10220		19190	Drinkard	the second se				
⁴ Property Code 306605	Lou Worthar	1	⁹ Property Name		* Well Number 11			
'ogrid №. 873	Apache Corr	poration	Operator Name		'Elevation 3359'			
			¹⁰ Surface Location					
III un lature Carri	the Township	Duran Latida	Funt former that North / South	ting Fast from the	Foot AVant line			

01.01 101 101	acction	100003000	reange	Lottun	i cer nom coc	international inte	i cer nom me	13/13/0 11 634 11/14	County
F	11	22S	37E		1905	North	2055	West	Lea
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

UL or	lof 110.	Section	rownship	Kunge	Lotion	Feet from the	North/South line	Feet from the	East/west line	County
" Dedi 40	cated Acres	¹³ Joint or	Infill "C	onsolidation Cod	e ¹⁵ Ord	ler No.				

16 SOM	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest. or to a contract with an owner of such a mineral or working interest. or to a contract with an owner of such a mineral or working interest.
	Amber Cooke 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 I 1625 N. French Dr., Hobbs, NMI 88240 District II 1301 W. Grand Avenue, Artesia, NMI 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NMI 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NMI 87505 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 15,2009 Submit one copy to appropriate District Office

AMENDED REPORT

		W	ELL LO	CATIO	N AND ACF	EAGE DEDIC	CATION PLA	T		
r	API Numbe	T		¹ Pool Code			Pool Na	me		
30-0a	5-100	221		72480		I	ILINEBRY OIL & C	AS (PRO GAS)		
Property Code					Property	Name			* Well Number	
306605					LOUWOR	THAN			12	
¹ OGRID No.					* Operator	Name			Elevation	
87	3				1					
•					¹⁰ Surface	Location				
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County	
H	11	22 5	37 E		1980	N	560	E	LEA	
	L	·	"Bo	ottom Ho	le Location I	f Different Fro	m Surface			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Fect from the	East/West line	County	
17 Dedicated Acres	Joint o	r Infill	nsolidation	Code ¹³ Or	rder No.	<u> </u>	NSF-1937-A-npt		1	

16			"OPERATOR CERTIFICATION
			I hereby certify that the information constanted herein is true and complete
		1	to the bast of my knowledge and behef, and kint this organization either
		-98-	owns a working unerest or unleased mineral interest in the land including
		. ത	the proposed battom hole location or has a right to drill this well at this
		10-	location pursuant to a contract with an awner of such a mineral or working
			huerest, or to a voluntary public agreement or a compulsary pooling order heretafore entered by the drysten,
		11	1
		11	Min In DE HAUSA 11-12010
		1	Signature Date
		1	
			Nichelle Hanson Printed Name
		560'	
	1	000	
		f	
			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 ny belief.
			Date of Survey
			Signange and Seal of Professional Surveyor
	1		
			Certificate Number
			Contract Manact

					C.	toto of b	Ion N	Taxiaa				E 0 102
District I 1625 N. French Dr., Hobbs, NM 88240 District II				State of New Mexico Energy, Minerals & Natural Resources					Form C-102 Revised June 10, 2003			
1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410			D	OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505					Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies			
District IV					29	nta re,	INIVI C	1303			AME	ENDED REPORT
1220 S. St. Francis Dr., Santa Fe, NM 87505					T A 1			TE DEDICA	TION DI A			
	¹ API Numb			2 Pool Code						nc		
1	-025-249			19190						Drinkard		
⁴ Property				⁵ Property Name					⁶ Well Number			
0064	88					Lou	Worth	2800.			_	13
⁷ OGRID No.						8 Open	ator Na	me			⁹ Elevation	
0136	53							Company				3362 '
					10	Surface	Locat	ion				
UL or lot no.	Section	Township	Range	Lo	t. Idn	Feet fr	om the	North/South line	Feet from the	East/Wes	st line	County
с	11	22-5	37-E			330'		North	2080	West		Lea
			¹¹ Bot	tom He	ole L	ocation l	f Diff	erent From Su	rface			
UL or lot no.	Section	Township	Range		t. Idn		om the	North/South line	Feet from the	East/We	st line	County
12 Dedicated Acro	es 13 Joi	nt or Infill	4 Consolidation	1 Code	15 Ord	ler No.			19202	122232	A.	
40									1919207		52	N
									19	000	1	31
NO ALLOWA	ABLE WI	LL BE ASS	SIGNED TO) THIS	СОМ	PLETIO	N UN	TIL ALL INTE	RESTS HAVE	Sqqoh BEEN.C	ONSC	DEDATED OR A
		N	ON-STAND	ARDU	INIT	HAS BE	EN AP	PROVED BY	THE DIVISION	p G		6
16		Carrie M	a de la como		2.1011-001	Contraction agent is an	4.10:	ትምሳት የሚያት እንደነት የግጭ የድርዝ ትንንግ የ			ERTI	FICATION
			330' 7						I hereby certify	hat the inf	ormatio	on contained herein is
k-2	080' -	<u> </u>							true and compl	ete to the b	est of m	y knowledge and
		F_	#13						belief.	99970		
			1						Cha	L E	: <i>k</i>	india
1		1	3				1		Signature			
1		E	111-111									
	.6					<i>I</i> 1	1		Charles E Printed Name	. Kendr	<u>rix</u>	
										mer Moole	- t- t-	
									Engineering Technician cekendrix@marathonoil.com			
									Title and E-mai			1.com
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		<u>.</u>	1						Date	<u>. </u>		
1				et frage? on mine	Entran men	ومرجوع مراقع محمجو	1	ىيە دۇ يەر يەرىيە، قەرۇرغۇر يەر يەر كەر يەر		VODC	דססי	TIFICATION
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									made by me or i	under my su	upervisi	on, and that the
	2								same is true and	correct to	the best	t of my belief.
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						1	1		Date of Survey Signature and Seal of	Professional S	urveyer:	
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()			1				1		1			
	4											
					_		1	*****	Certificate Number	r		

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

State of New Mexico Energy, Minerals & Natural Resources

Form C-102 Revised June 10, 2003

OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT	
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		WE	LL LOCA	TION A	ND ACREA	GE DEDICA	TION PLA	Г			
	cr		² Pool Code		³ Pool Name						
30	43		62700		Wantz Abo						
⁴ Property Code				⁵ Property Name ⁶ We							
0064	006488			-		13					
⁷ OGRIE) No.					⁹ Elevation					
0136	53				3362 '						
	01363 Marathon Oil Company ¹⁰ Surface Location										
UL or lot no.	Section	Township	Range	East/West line	County						
с	11	22-S	37-E	West	Lea						
	¹¹ Bottom Hole Location If Different From Surface										
UL or lot no.	UL or lot no. Section Township Range Lot. Idn Feet from the North/South line Feet from the East/We							East/West line	County		
12 Dedicated Acro	¹² Dedicated Acres ¹³ Joint or Infill ¹⁴ Co				rder No.			·			
40											

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 2080' -	330' ¥13	¹⁷ OPERATOR CERTIFIC I hereby certify that the information con true and complete to the best of my kna belief. Charles E. Know Signature	ntained herein is
		Charles E. Kendrix Printed Name Engineering Technician <u>cekendrix@marathonoil.co</u> Title and E-mail Address <u>04/01/2005</u> Date	<u>m</u>
		¹⁸ SURVEYOR CERTIFI I hereby certify that the well location sh plat was plotted from field notes of actu made by me or under my supervision, au same is true and correct to the best of m	own on this al surveys nd that the
		Signature and Seal of Professional Surveyer	

NEW ' ICO OIL CONSERVATION COMMISSION WELL LUCATION AND ACREAGE DEDICATION PL. .

All distances must be from the outer houndaries of the Section Marathon Oil Company Lou Wortham	
Marathon Oil Company Lou Wortham	13
C 11 22 South 37 East Lea	
2080 West use and 330 records North	
3362.2 Granite Wash Wantz Granite Wash 40	diget Altres
1. Out of the increase dedicated to the subject well by colored pencil or hadrane marks on the plat below.	
 2. If a section one lease is deducated to the well, outline each and identify the ownership thereof (both as increase and revails). 4. If a section one lease of different ownership is dedicated to the well, have the interests of all owners be in the ownership is dedicated to the well. 	
dated by communitization, unitization, force-pooling.etc?	
1 No. If answer is "ves," type of consolidation	
If answer is "not" list the owners and tract descriptions which have actually been consolidated. It serves this form if necessary '	erse side of
No all-wable will be assigned to the well until all interests have been consolidated (by communitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by t sion.	
Marathon I hereby certify that the initianed herein is true and co best of my knowledge and b M. L. Johnston M. L. Johnston Petroleum Enginee Marathon Oil Comp	omplete to the belief.
1 2 m	any
Lou Worthan January 1, 1975	
I hereby certify that the shawn on this plat was plat antes of actual surveys mill of the state of a under m, supervision, and is true and carrect to the knowledge and belief	tted from field ade by me or that the same
December 19, Meglater-t-ritestic.temple Weblater-t-ritestic.temple	
676	

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

Form C-102

Revised 10-1

All distances must be from the outer boundaries of the Section.

Overalor Legae Well No. Marathon Oil Company Lou Worthan 14 Unit Letter Section Township Range County 22 - S11 37-E Lea Α Actual Fostage Location of Well: 330 520 North East. feet from the line and feet from the line Ground Level Elev. Producing Formation Pool Dedicated Acreoge: 33501 Tubb Oil and Gas Tubb Ac 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to worki interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been conso dated by communitization, unitization, force-pooling. etc? Yes 7 No if answer is "yes," type of consolidation _ If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side this form if necessary.)_ No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitizatio forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Divisi-CERTIFICATION 520 I hereby certify that the Information co tained herein is true and complete to ti 330' East of my knowledge and belief. None Position Engineer Company Marathon Oil Company Date June 15, 1987 I hereby certily that the well locatio shown on this plat was platted from fiel notes of actual surveys made by me a under my supervision, and that the sam is true and correct to the best of m knowledge and belief. Date Surveyed Registered Professional Engineer and/or Land Surveyor Certificate No. 10 330

2200

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1000

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28.40

District I PO Box 1989, Hobbs, NM 88241-1989 District II 811 S. Ist Street, Artesia, NM 88210-2834 District III 1000 Rie Brazze E4., Axtee, NM 87410 District IV 2940 Senth Packros, Santa Fr, NM 87505 State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505 Form C-102 Revised October 18, 1994 Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number				² Pool Code			³ Pool Name				
30-025-25255				19190				Drinkard			
Property Cade				³ Property Name				6 Well Number			
006	488		Lou Worthan					14			
7 OGRID No.				Operator Name					9 Elevation		
14021					Marathon	011	Company		3350° GL		
					¹⁰ Surface I	Locat	ion				
UL, or lot no.	Section	Township	Range	Lot. Ida			North/South Line	Foot from the	East/West line	County	
				520		North	330	East	Lea		
			II Bo	ttom Ho	ole Location If	Diffe	rent From Surfix	æ			
UL or lot no.	Soction	Township	P Range	Lot. Ida	Foot from	the	North/South Line	Feet from the	East/West lin	County	
Dedicated Act	as 10 Join	t or Infill	¹⁴ Consolidation	Code	¹⁵ Order No.				L		
40								DHC-1019			
NO ALLO	WABLE						APPROVED BY			NSOLIDATED	
and the second	and the second second	UKA	NON-SIA		UNIT HAS B		AFFRUVED	THE DIVISIO	UN		
				7		11/0.	* OPERATOR CERTIFICATION 1 hereby certify that the information contained herein is 330 # 14 # 14 A creage Production Engineer Tile 4-12-99 Date				
				L.e.	ue Boundary			I hereby certify the	Jeed notes of a supervision, and supervision, and of Professional Si	ion shown on this play chud swrwys made by that the same is true	
								Celtificate Manipo			

District I PO Box 1980, Hobbs, NM 88241-1980 P'strict II 811 S. Ist Street, Artesia, NM 88210-2834 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico Energy inerals & Natural Resources Department

Form C-102 Revised October 18, 1994 Instructions on back Submit to Appropriate District Office State Lease - 4 Copics Fee Lease - 3 Copies

AMENDED REPORT

1	API Numbe	T		² Pool Code					³ Pool Name			
31	0-025-252	255		2700				WANTZ - AE	30			
⁴ Property	' Code				⁵ Prope	rty Nar	ne			6 V	Vell Number	
0064					LOU						19	
7 OGRIE	No.				⁸ Opera	tor Nar	me			9	Elevation	
140	21				arathon	0110	Company				3350	
	1			10	Surface I	Locat						
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from t		North/South Line	Feet from the	East/West	t line	County	
A	11	22.5	37-E		520	<u>'</u>	NORTH	330	EAST		LEA	
			¹¹ Bot	tom Hole L	ocation If	Diffe	erent From Surf	ace				
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from	the	North/South Line	Feet from the	East/Wes	tline	County	
12 Dedicated Acre	es 13 Joint	tor Infill 14C	Consolidation	ri Code 15 Ori	der No.			L	-		******	
40-NE/4		N										
	WABLE		SIGNED	TO THIS C	OMPLET	IONI	NTIL ALL INTI	FRESTS HAVE	F REEN C	ONS		
		OR A N	ONSTA		NIT HAS E		APPROVED BY			.0145		
N	~ ~				<u> </u>	1		¹⁷ OPERA	TOR CE	ERTIF	FICATION	
ß						V	///	I hereby certify true and complet	that the info e to the best	rmation of my lo	contained herein is nowledge and belief.	
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R						V_{\prime}		Im)	0	_		
								Signature	aun	m		
N								R. J. LONG	MIRE			
N								Printed Name				
							K	DRILLING S	UPERINTE	ENDEN	T	
		320 AC	LEA	SE				3/31/99				
4		500 11-						Date		_		
								¹⁸ SURVE	VOR CE	TITA	TICATION	
											n shown on this plat al surveys made by	
								was plotted from me or under my and correct to the	supervision.	and if	ual surveys made by hat the same is true	
						1		Date of Survey	····			
						[l of Brofowie	nal 5		
				1.7				Signature and Sea	01 7101055101	USI 20LA	cycr:	
1												
L								Certificate Numbe	:1			

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

5

District I 1625 N. French Dr., Hobbs, NM 88240 <u>District III</u> 1301 W. Gravd Avenue, Artesia, NM 85210 <u>District III</u> 1000 Rio Brazos Rd., Aztes, NM 87410 <u>District IV</u> 1220 S. S. Francis Dr., Santa Fe, NM 87505

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 15,2009 Submit one copy to appropriate District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number Pool Code Pool Name 20-035-35304 86440 TUBB OIL & GAS (FRO GAS)											
* Property C 30661					Property LOU WOR			6.	Vell Number 15		
OGRID	Vo.				* Operator Name APACHE CORPORATION						
873	<u> </u>				¹⁰ Surface Location						
UL or lot na. G	Section 11	Township 22 S	Range 37 E	Lot Idn							
		·····	ПВс	ottom Ho	le Location I	f Different From	n Surface				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
12 Dedicated Acres 40	¹³ Joint of	10 fill 14 C	onsolidatioa	Code ¹³ Or	der No.		NSP-1937-A-spi				

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.

10	1,930		¹⁷ OPERATOR CERTIFICATION 11 tereby cerufy that the uppermension contained herein is true and complete in the best of my-byochedge and belof, and then this organization enter avits a varking bestrest or unleased universal universal of the land brichedung the propased bottom back bocation ar has a right to drill that will at that location pursuant too countrast with an orsers of such a neuseral or working interest, er to a valumary pending agreenent of a computatory pooling order hereinfort curred by the drivene. Mid-2010 MALLIAL
	 	1,860	Signifure Date <u>Michelle Hanson</u> 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 behef.
			Date of Survey Signature and Seal of Professional Surveyor
			Certificate Number

District 1 PO Box 1528. Hobbs. NM 18241-1989 District II PO Drawer DD. Artenin. NM 88211-4719 District III 1009 Ris Brazzo Rd., Aztar. NM 87419 District IV PO Box 2028. Santa Fr. NM 87584-2828

State of New Mexico Earry, Mineran & Natural Ressources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe. NM 87504-2088 Form C-102 Revised February 10, 1994 Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

30-02	API Numb		10	' Pool Cod	10. G	т	Drinkard	¹ Pool 7	100			
30-02: * Property	-	14	1 12	0190	1						Well Nami	
	488	Loi	u Wor	than		hantra				15		
OGRID	Ne.				' Оре	ruler	Name				* Elevation	
014	021	Mara	thon	Oil Co	mpany	0010 0						SL
					¹⁰ Surfa	ace	Location			·		
UL or lot es.	Section	Township	Range	Lot Ida	Fort from 1	he	North/South finz	Fest from the	End West	t fins	County	
G	11	225	37E	-	1980		North	1860	East	t	Lea	
			¹¹ Bot	tom Hol	e Locatio	n I	f Different Fro	om Surface				
UL or lot pe.	Section	Township	Range	Lot Ida	Feet from t	he	North/South Ene	Feet from the	East/Wes	t fine	County	
G	11	225	_37E	-	1980		North	1860	East	t	Lea	
13 Dedicer . : Acr	- Charles and	or Isfill "C	omolidatio	Code ³⁴ C	rder Ne.							
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District I PO Box 1998, Hobbs, NM 18241-1969 District II PO Drawer DD, Artonia, NM 88211-9719 District III 1009 Rio Brums Rd., Aster, NM 87418 District IV PO Box 2089, Santa Fe, NM 87566-2688

State of New Mexico Every, Morral & Natural Researces Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088 Form C-102 Revised February 10, 1994 Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

	API Numb			· Pool Cod	le			' Poel N	100			
30-02 • Property 00648			tz Ab	2700 0	* Pr	_	Wantz Abo				Well Nam	har
OGRED					· 01	* Operator Name * Elevation						
01402	1	Mara	thon	Oil Co	mpany					33	45	GL
					I. Sur	face	Location	·····				
UL or lot so.	Section	Toweship	Range	Los Ida	Fost from	the	North/South Eng	Fort from the	East/West	Los	County	
G	11	225	37E	-	1980	_	North	1860	East		L	ea
			11 Bot	tom Hol	e Locati	on (f Different Fro	om Surface		_		
UL or lot us.	Section	Towaship	Ratige	Lot Ide	Feet from	Ube	North/South fine	Fort from the	East/West	Las	County	
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	-							me or under m and correct to Date of Survey Signature and S Ceruficant Num	ry supervision, the best of my	, and that baligf	the same o	

STATE OF NEW MEXICO

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IL CONSERVATION DIVISIC" P. O. HOX 2004

ENERGY AND MINERALS DEPARTMENT SANTA FE, NEW MEXICO 87501

Fors C-122 Feitses 12-1-73

		All distances must be	from the outer hounderles of	the Section.	
Operator	0:1 0		Lease		Well Ho.
	Oil Company		Lou Worthan		16
Unit Letter	Section 11	Township 22-S	Hange 37-E	Lea	
Actual Fastage Local				1	
330	feet from the	North line and	1980 (10	I los the East	ltne
Ground Level Elev.	Froducing Ferr		Poul		coling Sciences
3343'	Tubb	Oil Zone	Tubb Oil a	nd Gas (DI)	40 27-74
1. Outline the	acrenge dedicat	ed to the subject w	ell by colored pencil o	r hachure marks on the pla	at below.
2. If more that interest and		dedicated to the wel	l, outline each and ide	ntify the ownership theree	of (both as to working
		fferent ownership is a hitization, force-pooli		have the interests of all	owners been crossli-
Yes [No II an	swer is "yes," type o	f consolidation		
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No allowable	will be assigned	d to the well until all or until a non-standard R-37E	interests have been e l unit, climinating such	onsol'duted (by community 1 interests, has been appr	lization, unitiantion, oved by the Livisian.
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		40 Acre		tained barein is best of my know (Superintendent
T-22S	f I		i i	December 3	1, 1980
		11		shown on this pl notes of actual under my supervi	that the well iscation at was plotted from field surveys made by me ar sion, and that the same rect to the best of my clief.
	1 8 1			Date Surveyed	
	l I			and/or Land Curvey	
	I.OU	WORTLAN LEASE			
inere lances	Talmer Press	ad had have		TTELE Conflicate No.	1
330 660 40	1920 1050 1054	2310 2640 2000	1300 1000 100	0	

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

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

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

DISTRICT III 1000 Rio Brazos Rd., Azlec, NM 87410 State of New Mexico nergy, Minerals and Natural Resources Dep

Form C-102 Revised 1-1-89 1

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

Operator				case				Well No.
Marathon Oil	L Company			Lou Wort	han			17
Unit Letter Sect	pog	Township	1	Lange			County	
E	11	22-S		37-Е		NMPM	Lea	
Actual Footage Location of 2150	N	orth		350			West	
Ground level Elev.	mom the	g Formation	ine and			feet from	the	line
3368		rinkard	1	ool Drink	ard .			Dedicated Acreage:
	anne dedicated	1 4 4 4 4		Landard and the second s	and the state have			Acres
		to the subject well by col					ig interest and r	oyalty).
unitization, fe	orce-pooling, etc.				st of all owners	been consoli	idated by comm	unitization,
If answer is "no		No If answer is ' and tract descriptions whi		of consolidation	dated. (Use new	erse side of		<u></u>
this form if nec								
or until a pop-st	andard unit, elim	the well until all interests insting such interest, has	s have been been appro	ved by the Division	XIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	unitization,	forced-pooling,	, or otherwise)
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	i			1		S	manure 1	2010
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						Pri	inted Name	
· · · · · · · · · · · · · · · · · · ·		~ ~ ~		!			Rick D.	Gaddis
20.						Po	silion	
1120							Petroleu	m Engineer
2 11		}		1		Co	mpany	
11/11/11							Marathon	Oil Company
× 17						Da		
350'	· []			i i			January	21, 1994
				i i				
·							SURVEYO	R CERTIFICATION
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	i							plotted from field notes of
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						314	pervison, and	that the same is true and
	1					1 1		pest of my knowledge and
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	 					Da	te Surveyed	
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							See Origi	inal C-102
						Cer	uficate No.	
				l				
330 660 990 1	320 1650 1	980 2310 2640	2000	1500 100	500			

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

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

DISTRICT II P.O. Drawer DD, Artesia, NM 88210 State of New Mexico lergy, Minerals and Natural Resources Deparent Т

OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator	0/1 6		Lease	· · · · · · · · · · · · · · · · · · ·		Well No.
Marathon	Oil Company		Lou Worth	lan		17
Unit Letter E	Section 11	Township 22-S	Range 37-E	NM	County	Lea
Actual Footage Loca	ation of Well:					
2150	feet from the	North line and	350	feet fr	om the West	line
Ground level Elev. 3368	Producin	ig Formation	Pool Wantz A	ьо		Dedicated Acreage: 40
	the portage dedicates	d to the subject well by colored p				Acres
2. If more	e than one lease is ded than one lease of diff	licated to the well, outline each an Ferent ownership is dedicated to th	d identify the ownership	thereof (both as to wo	-	
	tion, force-pooling, etc Yes	a.7 No If answer is "yes" ty	me of consolidation			
If answer		s and tract descriptions which hav		ted. (Use reverse side	of	
	if peccessary.					
		to the well until all interests have I minating such interest, has been ap		mmuniization, unitizat	ion, forced-poolin	g, or otherwise)
A					OPERAT	OR CERTIFICATION
				11		certify that the information
					contained herei	n in true and complete to the
			ļ	Í	best of my know	ledge and belief.
			1		Signature A	.1.00
	1				Fich	Nacos 1
	i i		1		Printed Name	
					Rick D.	Gaddis
2150				5	Position Petrole	um Engineer
	11				Company Maratho	n Oil Company
350 17			I		Date January	21, 1994
1	/ II				SURVEY	OR CERTIFICATION
					on this plat we actual surveys supervison, and	that the well location shown is plotted from field notes of made by me or under my that the same is true and best of my knowledge and
					Date Surveyed	
					Signature & Seal Professional Sur	of reyor
					See Orig	zinal C-102
			l		Ceruficate No.	
330 660 99	90 1320 1050 p	1980 2310 2640 200	0 1500 1000	500 0		

STATE OF NEW MEXICO

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OIL CONSERVATION DIVISION ". O. HOX 2088

ENERSY AND MANENALS DEPARTMENT SANTA FE, NEW MEXICO 87501

FC 7-102 en-sed 30-1-78

	AII 019199688 MU	at he from the ou		i tor jernet.	
Criston Marathan Oil Com	222	Lease	¥		Well No.
Marathon Oil Comp			Lou Wor		- 18
Unit Letter Section H - 11	Tawnship 22	fran		County	
Actual l'astage Lacotion al Well;	22		37-Е	Lea	
	37				
1905 feet Imm the Impund Level Elev. Producing Fo		Poul	60 In	et from the East	Ine
			millio (1	Ind Gas (OIL)	Dedicated Acredye:
	Oil Zone		Tubb Oil a		40 Acr
 Outline the acreage dedict If more than one lease is interest and royalty). If more than one lease of d dated by communitization, to the second s	dedicated to the	well, outline	each and ide	entify the ownership	thereol (both as to working
Yes No If an If enswer is "no," list the this form if necessary.) No ellowable will be assign forced-pooling, or otherwise)	ed to the well unt	descriptions v	which have no	ctually been consol	ommunitization, unitization
					CERTIFICATION
i					CERTIFICATION
		1		1 berch	r certify that the Information co-
1		1	905		nerein is true and complete to th
			19(my knowledge and belief.
1.		6 		i.C	d'ant the //
			Andread and a second	Calv Fostition	in C. Saathoff
1					ations Superintendent
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	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~			shown o notes al under nij Is true	r certily that the well location in this plat was platted from field octual surveys made by me of supervision, and that the same and correct to the best of my je and belief.
			•	Date Surve Hispistered	Protessional Engineer
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 Lou Worth	an lease	1			

						b						
of New Mexico Form C-102	State of New Mexico											
als & Natural Resources Revised June 10, 2003	Dr., Hobbs, NM 88240 Energy, Minerals & Natural Resources											
Submit to Appropriate District Office	0 OIL CONSERVATION DIVISION Submit to Appropriate Dis											
State Lusse - A Conjer				14141 00210	iicsia,	venue, Anc	1301 W. Grand A District III					
The Lease - 3 Copies				87410		Dated by	1000 Rio Brazos					
Fe, NM 87505	nta Fe, NM 8	Sa		01410	•, 110		District IV					
AMENDED REPORT	AMENDED R											
ACREAGE DEDICATION PLAT	WELL LOCATION AND ACREAGE DEDICATION PLAT											
³ Pool Name		² Pool Code			mber	API Num						
Wantz Abo		62700				-025-25						
Property Name 6 Well Number	5 Property Na	02700		,			⁴ Property					
Lou Worthan 18				<u> </u>			0064					
Operator Name ⁹ Elevation) No.	⁷ OGRIE					
then Oil Company 3355	arathon Oil	1										
face Location	Surface Locat	10										
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· · · · · · · · · · · · · · · · · · ·	er No.	Code 15 Or	Consolidation	r Infil) 14 (loint o	es 13 Joi	12 Dedicated Acre					
				6			40					

()%° ~	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Charles E. Kinder Signature
# 18	Charles E. Kendrix Printed Name Engineering Technician <u>cakendris@MarathonOil.com</u> Title and E-mail Address <u>10/05/2004</u> Date
	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 Surveyer:
	860'-

W MEXICO OIL CONSERVATION COMMISSION WE LOCATION AND ACREAGE DEDICATI

Form C-102 Supersedes C-128 Effective 1-1-65

		Ail distances must be from	a the outer boundaries of	the Section.		
Operator Marath	non Oil Co.		Lou Worthan			Well No. 18
Unit Letter	Section	Township	Range	County		
Н	1	22 South	37 Eost		Lea	
Actual Footage Loc			10		F	
1905	and the second	the second se	60 [ee	trom the	East	line
Ground Level Elev: 3353.0	Producing For Grani	te Wash	Wantz Granit	e Wash		Dedicated Acreage: 40 Acrea
1. Outline th	e acreage dedicat	ed to the subject well	by colored pencil of	or hachure	marks on th	e plat below.
	nan one lease is nd royalty).	dedicated to the well,	outline each and ide	entify the c	wnership th	nereol (both as to working
				have the i	nterests of	allowners been consoli-
dated by c		nitization, force-pooling swer is "yes," type of a				15.91
				ctually has	en consolida	ited. (Use reverse siderof.
this form i	f necessary.)					-15.05.00
forced-poo						munitization, unitization, approved by the Commis-
sion.		R-37E				
	l Mara	thon 011 Company				CERTIFICATION
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	l					ein is true and camplete to the
			1905		best of my	knowledge ond belief.
					Name	in P. Huik
	1				Position Product	ion Engineer
		Dedica Acrea		60'	Compony Maratho	n Oil Company
		u Worthan Lse.		-	Dote Decembe	r 21, 1978
		11	INEER &	22 S		
	1	CNIC	TATE			certify that the well location this plat was plotted from field
	1	a a	SUR			ictual surveys made by me or iupervision, and that the same
		REG	676		is true an	and balief.
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District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesla, NM 88210 District III 1000 Rio Brazos Rd., Azter, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

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 15,2009 Submit one copy to appropriate District Office

AMENDED REPORT

		W	ELL LO	JCATIO	N AND ACF	EAGE DEDIC	A HUN PLA	1	
30-025	APS Number			Pool Code 6660			Peol Na BLINEBRY OIL &		
* Property (306605	1				³ Property LOU TYOR			4	Well Number
OGRUDI				8	¹ Operator APACHE CORP				⁹ Elevation
					¹⁰ Surface	Location			
UL or lot so.	Section	Townslup	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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UL or lot no.	Section	Township	Runge	Lot Idn	Feet from the	North/South line	Fect from the	East/West line	County
¹³ Dedicated Acres 40	o InioL ^{ci}	r 1861 1* Ci	insolidation	Cede 13 Or	der No.	<u> </u>	NSP-1937-A-npt		

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

¹⁷ OPERATOR CERTIFICATION Ihereby certify that this hybridian constant. I here in is one and complete to the bast of my how-ledge and belief, and that this regarization efficient on it a verbing interest or willcased numeral interest in the land mediading the proposed bottom hole location or last a right to drill they will at this location pursuant to econtract with an unsiter of melia mineral or warking unterest, or it a valution pooling opticement or a computing pooling order heritafore ever all by this dividua.
Nehelle Hanson 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

N AEXICO OIL CONSERVATION COMMIS ... WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C -192 Supervedes C-128 Filenisve 1-1-65

	All distances must be from	the outer hounderses of the t	Section	
Marathon Oil Compar	1	Lou Warthan		₩-0.50 20
it Letter Section	Formahip 22 South	Honge 120	inty Leg	· · · · · · · · · · · · · · · · · · ·
avail Pontaine Location of Wells		57 1,150	1.0.0	
Irel linn the	I'Lli line and	2000 feet from		Due
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1. Outline the acreage dedicate	d to the subject well	by colored pencil or ha	chure marks on the pla	
2. If more than one lease is d interest and royalty).				
3. If more than one lease of dif dated by communitization, un	ferent ownership is de itization, force-pooling wer is "yes!" type of c	. etc?	e the interests of all r	wners been consol
[] Yes [_] No If ans	werts yes, type of t			
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## N MEXICO OIL CONSERVATION COMMIS ... WELL LOCATION AND ACREAGE DEDICATION PLAT

them C-192 Superveder C-128 Ellervive 1-1-65

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District J 1625 N. French Dr., Hobbs, NNI 88240 District II 1301 W. Graud Avenue, Artesia, NMI 88210 District III 1000 Rio Brazos Rd., Aztec, NMI 87410 <u>District IV</u> 1220 S. S. Francis Dr., Sonta Fe, NMI 87505

1

### 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 15,2009 Submit one copy to appropriate District Office

AMENDED REPORT

		W	ELL LO	CATIO	N AND ACR	EAGE DEDIC	ATION PLA	.Τ ν	
	PI Number			¹ Pool Cod	e		S Pool Nat	ac .	
30-025	5-33	426		72480		B	LINEBRY OIL & C.	AS (PRO GAS)	
⁴ Property C	ode				* Property	Name		•	Well Number
30660	5				LOU WOR	THAN			21
OGRIDN	10.				Operator	Name			' Elevativa
873					APACHE CORP	ORATION			
					¹⁰ Surface	Location			
UL or lat no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
B	11	22 5	37 E		660	N	1350	E	LEA
L			^{II} Bo	ottom Ho	le Location I	f Different From	m Surface		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	Conati
¹¹ Dedicated Acres	¹³ Joint o	r Infill ¹⁴ C	onsolidation	Code 15 O	rder No.				
40							NSP-1937-A-npt		

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.

116	1	11		"OPERATOR CERTIFICATION
				Thereby ceruly that the information contained herein is true and complete
				to the best of my boot ledge and beloy, and that this organizmon either
		· · · · · · · · · · · · · · · · · · ·	ופ	awas a working averest or indensed nuneral interest in the least including
	1 A		Ø	the proposed bottom hale location or less a right to dall this well at this
	1		1,350'	location pursues to a contract with an awine of such a mineral or working
			1	interest, or to a voluntary pooling agreement or a computary pooling order
				heretafore energed by the division
		17		Siglature Date
				Michelle Hamon 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 ny supervision, and that the same is true
				and correct to the best of my belief.
				Date of Survey
				Signature and Seal of Professional Surveyor:
				angenerie wie den er Freisstelig om rever
				4
				Certificate Number
1				· · · ·

District.1 1625 N. French Dr., Hobbs, NM 88240 District.II 1301 W. Grand Avenue, Artesia, NM 88210 District.III 1000 Bio Berrar Ed. Artec. NM 87410 ND4 97410 Ŀ 1

State of New Mexico ergy, Minerals & Natural Resources

Submit to Appropriate District Office 5 Copies

District III 2000 Rio Brazos District IV 220 S. St. Franci				5		20 S	outh St.	on Division Francis Dr M 87505				Sul		opriate District Offic 5 Copie MENDED REPOR
		LE	REOL	EST F	OR ALI			AND AUT	ног	R17./	TION	TO T	and the second second second	
¹ Operator na Marathon Of PO Box 2490	ll Comp	i Addre			OKAD	001				10	(RID Num	ber	014021 ode/ Effective	
Hobbs, NM										R			mpletion Eff	
4 API Numbe			5 Paol	Name						L	0	and the second s	nol Code	1/23/03
30 - 025-33			1 004	I VALUE		B	linebry Oil	& Gas						72480
	88			erty Nan	ie		Lou Wor	then				14	ell Number/	21
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IV. Prod	luced	Water										- 00000		
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V. Well	Comp	letion	Data											
²⁸ Spud Da 6/18/96		26	Ready 8/21/9			27 TD 7710		²⁸ PBT 7040' CE			²⁹ Perforat 5354-575		4	" DHC, MC
JI H	ole Size		T	³² Casin	e & Tubiz	ng Size		³³ D	epth Se	et		-	³⁴ Sacks	Cemient
					2 3/8"				5811'					

VI. Well Test Data

R

³⁴ Date New Oil 1/25/03	³⁴ Gas Delivery Date 1/25/03	³⁷ Test Date 1/31/03	³⁸ Test Length 24 hrs	³⁹ Tbg. Pressure	40 Csg. Pressure			
⁴¹ Choke Size	⁴² Oil 10	⁴³ Water 0	⁴⁴ Gas 542	⁴⁵ AOF ⁴⁶ Test Method Pumping				
	t the information given al	ervation Division have been pove is true and complete to		CONSERVATION DIVISI	ON			
Signature: Kill	in Coch		Approved by:	ORIGINAL SIGNE	D BY			
Printed name: Kelly Cook	J		Title:	PETROLEUM ENG	INEER			
Title: Admin. Assistant			Approval Date:					
Date: February 3, 2003	Phone: 393-7106			MAR 2 7	2003			

District.1 1625 N. French Dr., Hobbs, NM 88240 District.11 811 South First, Artesia, NM 88210 District.111 1600 Rio Brazos Rd., Aztec, NM 87410 District.122 1220 S. St. Francis Dr., Santa Fe, NM 87565

#### State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised August 15, 2000

#### OII CONSERVATION DIVISION 1220 South St. Francis Dr Santa Fe. NM 87505

State Lease - 4 Copies Fee Lease - 3 Copies

Submit to Appropriate District Office

AMENDED REPORT

			WELL LO	DCATIC	N AND ACR	EAGE DEDIC	CATION PLA	Т	
	PI Numbe	r		² Pool Coc	le		³ Pool Nar	ne	
30-0	)25-334	26		62700			Wantz /	Abo	
⁴ Property (	Cude				⁵ Property 2	Name		• •	Well Number
6488					Lou Wor	than			21
⁷ OGRID I	NO.				* Operator 1	Name			* Elevation
01402	1			N	Iarathon Oil	Company		G	L. 3349'
					¹⁰ Surface	Location		·····	
UL or lot no.	Section	Townshi	p Range	Lot Idr	Feet from the	North/South line	Feet from the	East/West line	County
В	11	22-5	S 37E	•	660'	North	1350'	East	Lea
			¹¹ Bo	ottom Ho	ole Location I	Different From	n Surface		
UL or lot no.	Section	Townshi				North/South line	Feet from the	East/West line	County
				· · ·					
12 Dedicated Acres	¹³ Joint o	r Infill	¹⁴ Consolidation	Code 15 O	rder No.			- 1/ 1	
40	1 3	(	•		NSL-3676	Dual Con	npletion Ef	7. 125/03	

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

1		660'	- #21	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and
n H			1350'	belief.
, 	Dedicated Acreage		40 Acres	Pinted Name
1		Lou Worthan Lease		J'im Chase Title Advanced Engineer Technician
				Calle 10/15/02
320 Acre Lease				SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys rade by me or under my supervision, and that the
				same is true and correct to the best of my belief.
				Signature and Seal of Professional Surveyor:
				Certificate Number John W. Wist 676 Ronald J. Eidson 3239 Gary L. Jones 7977

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 ergy, Minerals & Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Form C-104 Reformatted July 20, 2001

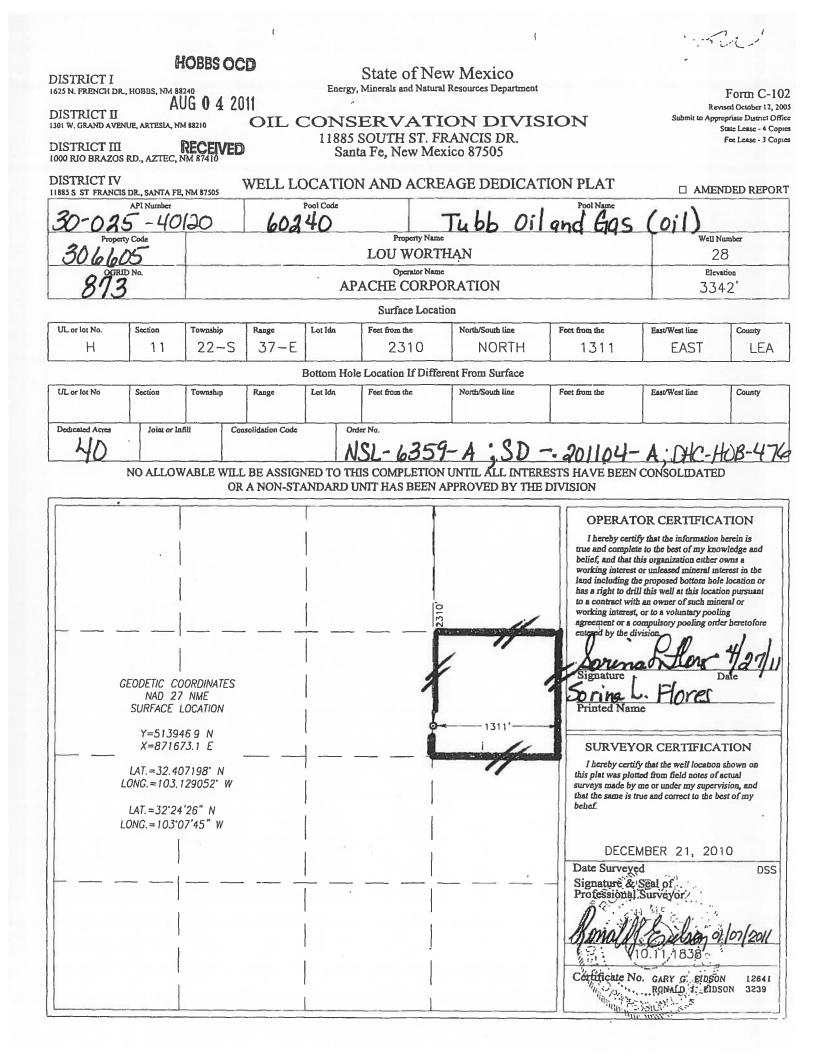
Submit to Appropriate District Office 5 Copies

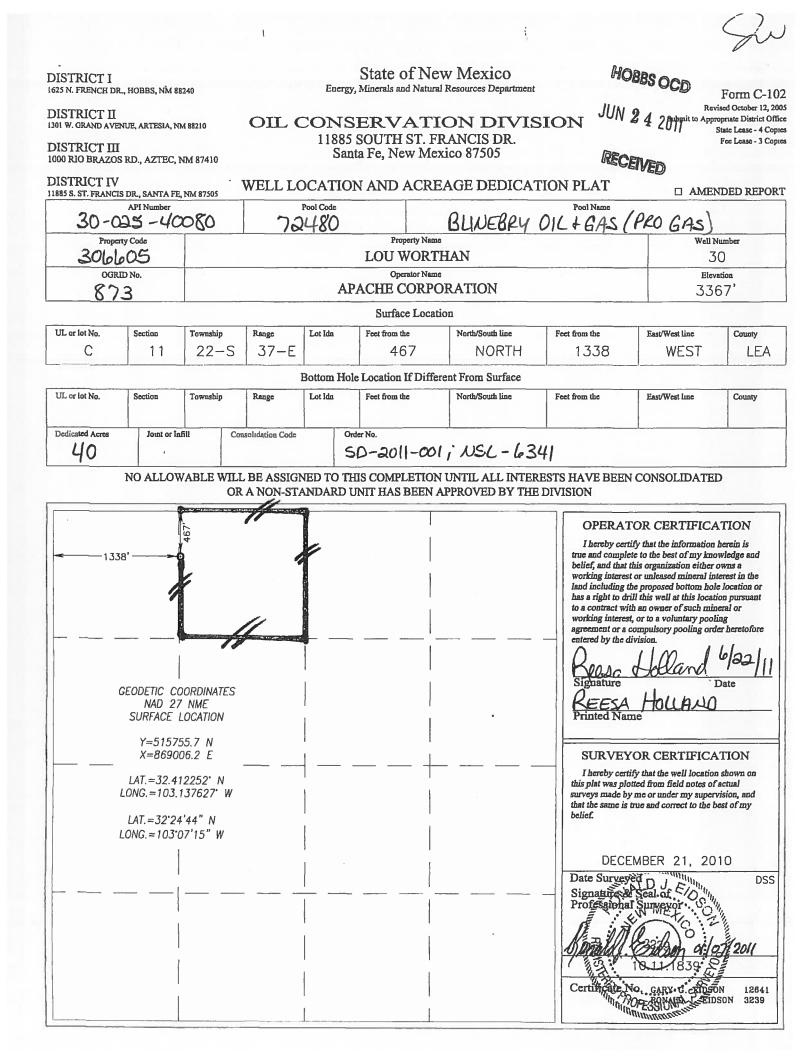
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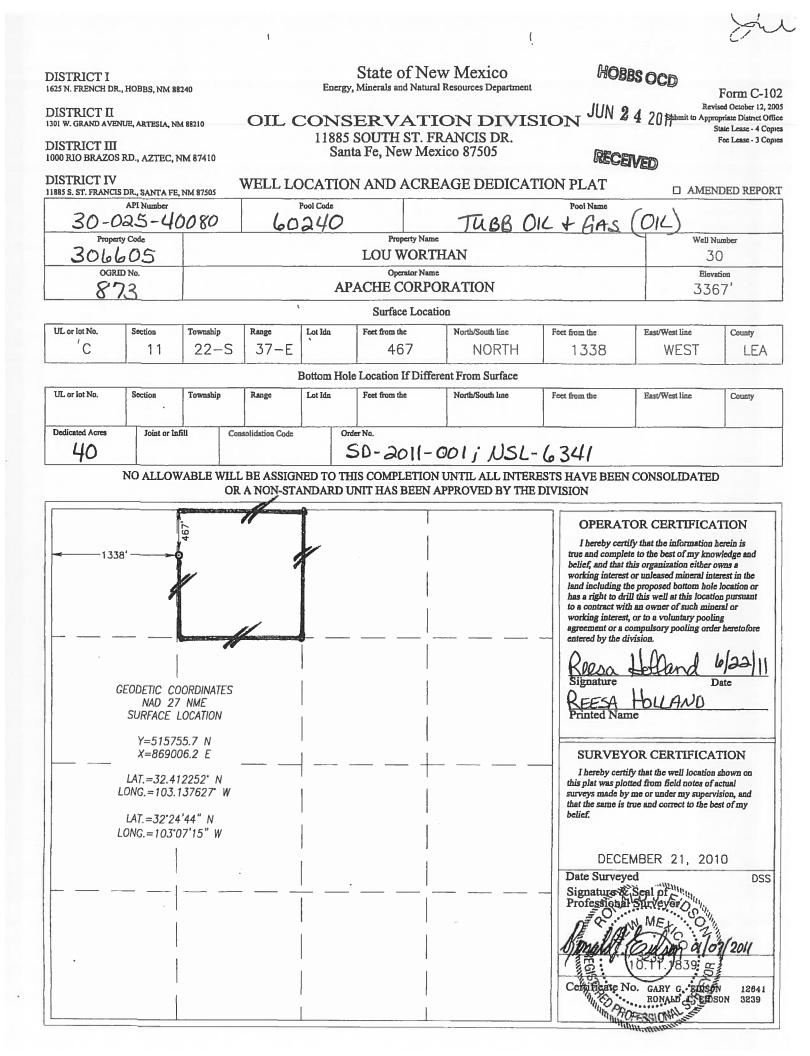
1220 S. St. Francis	s Dr., Sant				Santa Fe, N							AMENDED REPOR
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¹ Operator na Marathon Oli		Address						¹ OGRI	D Num	ber		
PO Box 2490		ly.					1	³ Reason	n for Fi	ling Co	014021 de/ Effecti	ive Date
Hobbs, NM 8							1				mpletion E	
⁴ API Number		5 Pool	Name								ool Code	
30-025-33					Wantz	Abo						62700
⁷ Property Co 648		Proj	perty Nam	10	Lou Wo	-1				]°w	ell Numbe	
	face Lo	action			LUL TO	rthan						21
	Section	Township	Range	Lot.Idn	Feet from the	North/Sout	th Line	Feet from	mthe	East/	West line	County
В	11	22-8	37-E		660	North		1350			East	Les
11 Bot	tom Un	le Location					i					1
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¹³ Lse Code	13 Produc	ing Method	14 Gas C	onnection	¹⁵ C-129 Peri	mit Number	16 (	C-129 Effe	antive D	ante	¹⁷ C-1	29 Expiration Date
		Code		ate					200110 20	ase		27 Explanton Date
Р	Fle	owing	1/2	5/03								
III. Oil ar	-A Cas'	Pronenort			<u>L</u>							
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OGRID	-		ad Addres				0,	<u> </u>			and Descr	
22628		tt Operating	5		124	3010	0	UI	F, Sec		-22-S, R-3	
		Box 2297							u Wort			
		dland, TX :									Ittel y	
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		Box 1226						Or	ı weli lo	vation		
	181	<u>NM 88252</u>										
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IV. Produ	aced Wa											
³ POD			ULSTRI	location a	and Description							
12430	050											
V. Well C	ompleti											
²⁶ Spud Date	e	³⁶ Ready			²⁷ TD	²⁸ PBT			erforatio			³⁰ DHC, MC
6/18/96		8/27/9			7710'	7040' CI	BP	65	547-7018	*		e
³¹ Hol	e Size		³² Casin	e & Tubin	g Size	1 ⁰⁰	Depth Set				³⁴ Sack	s Cement
				2 3/8"			6445'					
									-+-			
							_		$\rightarrow$			
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VI. Well 1	<b>Fest Dat</b>	a	-									
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1/25/03	<u>"</u>	Gas Deuve 1/25/0			l'est Date		t Length 4 hrs		1 og	g. Press 40	ure	40 Csg. Pressure
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⁴¹ Choke Size	e	⁴¹ Oil 1		-	Water		Gas 310		40	AOF		* Test Method
	1			1	· .		10					Flowing
I hereby certify omplied with an	y that the i id that the	information	il Conserv given abor	ation Divis	sion have been			OIL COM	NSERVA	ATION	DIVISION	
te best of my kn												
ignature: Xa	-1. E	A_1			1	Approved by:						
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rinted name: Celly Cook	U				1	litle:			PA	UL F.	KAUTZ	
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dmin. Assistan	ıt				ſ	Approval Date	4					
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5U HOBBS OCD State of New Mexico 1625 N. FRENCH DR., HOBBS, NALLG 0 4 2011 Energy, Minerals and Natural Resources Department Form C-102 Revised October 12, 2005 DISTRICT II 1301 W. GRAND AVENUE, ARTESIA, NICECEIVED OIL CONSERVATION DIVISION Submit to Appropriate District Office State Lease - 4 Copies 11885 SOUTH ST. FRANCIS DR. Fee Lease - 3 Copies DISTRICT III Santa Fe, New Mexico 87505 1000 RIO BRAZOS RD., AZTEC, NM 87410 DISTRICT IV WELL LOCATION AND ACREAGE DEDICATION PLAT AMENDED REPORT 11885 S. ST. FRANCIS DR., SANTA FE, NM 87505 Pool Code API Number Blinebry Oil and Gas (Pro Gas 40120 Property Name LOU WORTHAN 28 Operator Name Elevation RIDN APACHE CORPORATION 3342 Surface Location UL or lot No. Township Lot Ida Feet from the North/South line Feet from the Section Range East/West line County 22-S 37-E 2310 NORTH Н 11 1311 EAST LEA Bottom Hole Location If Different From Surface UL or lot No. Section Township Lot Ida Feet from the North/South line Feet from the East/West line Range County Dedicated Acres Joint or Infill **Consolidation** Code Order No. NSI - 634 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 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 d by the division ignature GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION inted Name 1311 Y=513946.9 N X=871673.1 E SURVEYOR CERTIFICATION gange medernt of a I hereby certify that the well location shown on LAT.=32.407198' N this plat was plotted from field notes of actual LONG. = 103.129052° W surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. LAT.=32°24'26" N LONG.=103'07'45" W DECEMBER 21, 2010 Date Surveyed DSS Signature & Seal of Professional Surveyor RONALD SEDSON tificate No. GARY G. RONALD 12641 EIDSON 3239







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DISTRICT I 1625 N FRENCH D	R., HOBBS, NM 88	1240		Energ		of New M Id Natural Resour		HOBBS	Ôcd	Form C-102
DISTRICT II		M 88210	OIL	CONS	SERV	ATION		SIONUN 24	Re Submit to App	vised October 12, 2005 ropriate District Office
DISTRICT II				11005	000111	ST. FRANC w Mexico 8				State Lease - 4 Copies Fee Lease - 3 Copies
DISTRICT IN			WELL L	OCATIC	N AND A	ACREAGE	DEDICA	TION PLAT		NDED REPORT
	API Number			Pool Code				Pool Name		NDED REPORT
	25 - 40 erty Code	080		19190		perty Name	V	RINKARD	Well	Number
306	605					VORTHAN				30
	™. 13			A		CORPORAT	ION			vation 67'
Q/	0	1,		_	Surface	e Location				
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the		th/South line	Feet from the	East/West line	County
C	11	22-S	37-E		46		NORTH	1338	WEST	LEA
UL or lot No.	Section	Township	Range	Bottom Ho	Feet from th	If Different Fro	om Surface	Feet from the	East/West line	County
		- contains							List west mes	County
- 13	38'					1			OR CERTIFIC	
	GEODETIC CC		<u></u>			     		I hereby certi true and complet belief, and that th working interest land including th has a right to dri to a contract with working interest, agreement or a c entered by the di Recence Signature	fy that the information te to the best of my km his organization either or unleased mineral in te proposed bottom ho II this well at this loca- h an owner of such mi , or to a voluntary poo ompulsory pooling or	a herein is owledge and owns a neterest in the le location or tion pursuant neral or ling
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	NAD 27 SURFACE L Y=51575	7 NME LOCATION 55.7 N 06.2 E 12252' N 137627' W						I hereby certi true and complet belief, and that it working interest land including th has a right to di to a contract will working interest, agreement or a c entered by the di Recar Signature REESA Printed Nam SURVEY I hereby certif this plat was plot surveys made by	fy that the information te to the best of my kn his organization either or unleased mineral in te proposed bottom ho II this well at this loca h an owner of such mit or to a voluntary poo ompulsory pooling or vision.	a herein is owledge and owns a netrest in the le location or tion pursuant meral or ling der heretofore <b>b b b c b c c c c b c c c c c c c c c c</b>

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DISTRICT I 1625 N. FRENCH DR	L, HOBBS, NM 88	240		Energ			V Mexico Resources Department	HOBBS	OCD	Form C-102
DISTRICT II 1301 W. GRAND AVE DISTRICT III 1000 RIO BRAZOS	NUE, ARTESIA, NN	4 88210	OIL	11885		ST. FR	ON DIVIS ANCIS DR. Ico 87505	ION RECEIVE	Rev 2011 Submit to Арри	rornin C-102 ised October 12, 2005 opriate District Office State Lease - 4 Copies Fee Lease - 3 Copies
DISTRICT IV		NB ( 07505	WELL LO	OCATIO	N AND	ACRE	AGE DEDICAT			VDED REPORT
30-C	API Number 025-4(			Pool Code			WA	NTZ; ABO		
306	ty Code					perty Name	IAN	,		lumber O
OGR	D No.		Operator Name APACHE CORPORATION						Elevation 3367'	
8	73			A		e Locatio			33	5/
UL or lot No.	Section	Township	Range	Lot Idn	Feet from th		North/South line	Feet from the	East/West line	County
С	11	22-S	37-E		46	57	NORTH	1338	WEST	LEA
		,		Bottom Ho	le Location	If Differe	nt From Surface			
UL or lot No.	Section	Township	Range	Lot Ida	Feet from th	ie	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or Int	fill Co	nsolidation Code	1	rder No.		01; NSL-1	1 2111		
		OR DORDINATES NME LOCATION 55.7 N 06.2 E 2252° N 137627° W '44" N					UNTIL ALL INTERJ	OPERATO I hereby certify true and complete belief, and that thi working interest on land including the bas a right to drill to a contract will to a contract will to a contract will working interest, or agreement or a con- entered by the divi Rease Signature REESA Printed Name SURVEYO I hereby certify this plat was plotte surveys made by m	DR CERTIFICA that the information to the best of my known so organization either r unleased mineral in proposed bottom hol this well at this locat an owner of such min pulsory pooling ord ision.	ATION herein is wiledge and owns a terest in the e location or ion pursuant eral or ing ar heretofore 2/22/1/ Date
								DECEM Date Surveyed Signature els Professional		DSS 12/2011 NN 12841

1625 N. French Dr., Hobbs, NM 88240	State of New Mexico Energy, Minerals and Natural Resources	Form C-103 June 19, 2008
District II		WELL API NO. Multiple, see attachment
1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATION DIVISION	
District III	1220 South St. Francis Dr.	5. Indicate Type of Lease
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, NM 87505	STATE FEE X
District IV 1220 S. St. Francis Dr., Santa Fc, NM	Santa PC, INNI 67505	6. State Oil & Gas Lease No.
87505		NA
(DO NOT USE THIS FORM FOR PROPOS	CES AND REPORTS ON WELLS ALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A ATION FOR PERMIT" (FORM C-101) FOR SUCH	7. Lease Name or Unit Agreement Name Lou Worthan
	Gas Well 🔲 Other:	8. Well Number Multiple, see attachment
2. Name of Operator Apache Corporation		9. OGRID Number 873
3. Address of Operator		10. Pool name or Wildcat
6120 S Yale Ave, Suite 1500 Tulsa, (	DK 74136	Multiple, see attachment
4. Well Location		
Unit Letter :	feet from the line and	feet from the line
Section	Township Range	NMPM County
	11. Elevation (Show whether DR, RKB, RT, GR, etc	
	Multiple, see attachment	
12. Check A	ppropriate Box to Indicate Nature of Notice	, Report or Other Data
TEMPORARILY ABANDON     Image: Comparison of the compariso	CHANGE PLANS COMMENCE DE MULTIPLE COMPL CASING/CEMEN	RILLING OPNS. P AND A
OTHER: Surface Commingle	I OTHER:	
<ol> <li>Describe proposed or complete of starting any proposed wor or recompletion.</li> </ol>	ted operations. (Clearly state all pertinent details, and k). SEE RULE 1103. For Multiple Completions: A	ttach wellbore diagram of proposed completio
		PC-1218
Apache proposes to surface comm	ningle these wells per the attached documents.	
Lou Worthan #4	Lou Worthan #17	
Lou Worthan #5	Lou Worthan #18	ind his the
Lou Worthan #9	Lou Worthan #19	ved by 1 V
	Lou Worthan #20	1 A NI 2001
Lou Worthan #10		1 MAINY
Lou Worthan #10 Lou Worthan #11	Lou Worthan #21	When THE
Lou Worthan #11 Lou Worthan #12	Lou Worthan #18 Lou Worthan #19 Lou Worthan #20 Lou Worthan #21 Recow	imend TFP
Lou Worthan #11 Lou Worthan #12 Lou Worthan #13	Lou Worthan #21 Recow	imend MAP
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Lou Worthan #11 Lou Worthan #12 Lou Worthan #13 Lou Worthan #14 Lou Worthan #15	Lou Worthan #21 Recow	imend Approv 2(18)
Lou Worthan #11 Lou Worthan #12 Lou Worthan #13 Lou Worthan #14	Lou Worthan #21 Recow	2(18)
Lou Worthan #11 Lou Worthan #12 Lou Worthan #13 Lou Worthan #14 Lou Worthan #15 Lou Worthan #16		2(18)
Lou Worthan #11 Lou Worthan #12 Lou Worthan #13 Lou Worthan #14 Lou Worthan #15 Lou Worthan #16	Rig Release Date:	2(18)
Lou Worthan #11 Lou Worthan #12 Lou Worthan #13 Lou Worthan #14 Lou Worthan #15 Lou Worthan #16		2(18)
Lou Worthan #11 Lou Worthan #12 Lou Worthan #13 Lou Worthan #14 Lou Worthan #15 Lou Worthan #16	Rig Release Date:	2(18)
Lou Worthan #11 Lou Worthan #12 Lou Worthan #13 Lou Worthan #14 Lou Worthan #15 Lou Worthan #16		2(18)
Lou Worthan #11 Lou Worthan #12 Lou Worthan #13 Lou Worthan #14 Lou Worthan #15 Lou Worthan #16 Spud Date:	Rig Release Date:	2(18)
Lou Worthan #11 Lou Worthan #12 Lou Worthan #13 Lou Worthan #14 Lou Worthan #15 Lou Worthan #16 Spud Date:	Rig Release Date:         pove is true and complete to the best of my knowledge         TITLE_Engineering Tech	2(18) ge and belief. DATE 02/11/2010
Lou Worthan #11 Lou Worthan #12 Lou Worthan #13 Lou Worthan #14 Lou Worthan #15 Lou Worthan #16 Spud Date: hereby certify that the information al SIGNATURE	Rig Release Date:	2(18) ge and belief.
Lou Worthan #11 Lou Worthan #12 Lou Worthan #13 Lou Worthan #14 Lou Worthan #15 Lou Worthan #16 Spud Date: hereby certify that the information al SIGNATURE	Rig Release Date:         pove is true and complete to the best of my knowledge         TITLE_Engineering Tech         E-mail address:	2(18) ee and belief. DATE_02/11/2010 recorp.comPHONE: 918.491.4968
Lou Worthan #11 Lou Worthan #12 Lou Worthan #13 Lou Worthan #14 Lou Worthan #15 Lou Worthan #16 pud Date: hereby certify that the information al IGNATURE	Rig Release Date:         pove is true and complete to the best of my knowledge         TITLE_Engineering Tech         E-mail address:	2(18) ee and belief. DATE_02/11/2010 recorp.comPHONE: 918.491.4968
Lou Worthan #11 Lou Worthan #12 Lou Worthan #13 Lou Worthan #14 Lou Worthan #15 Lou Worthan #16 oud Date: GNATURE GNATURE The or print name Amber Cooke or State Use Only	Rig Release Date:         pove is true and complete to the best of my knowledge         TITLE_Engineering Tech	2(18) ee and belief. DATE_02/11/2010 necorp.comPHONE: 918.491.4968