

dugan production corp.

SEP 2 6 200

September 24, 2001

Mr. David Catanach New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, NM 87505 Mr. Steve Henke Bureau of Land Management-FFO 1235 La Plata Highway Farmington, NM 87401

Re: Dugan Production's application dated 9-6-01
Surface commingling and off-lease measurement
Proposed Big Band Gas Gathering System
San Juan County, NM

Dear Mr. Catanach and Mr. Henke,

In the captioned application, eight of the nine wells were reported as being completed in the Bisti Chacra pool (Pool No. 96166) and two were completed in the Basin Fruitland Coal Pool (Pool No. 71629). Subsequent to our application, we discovered that NMOCD Order R-11445, dated 9-5-00, extended the Rusty Chacra pool (Pool No. 84360) to include the Chacra spacing units, or lands adjacent to the spacing units, for each of these eight wells. Thus what we were calling Bisti Chacra is now Rusty Chacra.

I have attached a revised Attachment No. 2 which reflects the change in pool names. Also attached are copies of revised C-102 plats for each well reflecting the change in pool names. These plats were presented as Attachment No. 3 in our application.

Please substitute the attached revised pages for those submitted with our initial application. Sorry for any inconvenience this may cause.

Should you have questions or need additional information, please let me know.

Sincerely,

John D. Roe

Engineering Manager

John D. Be

JDR/tmf

attachments

xc: Mr. Steve Hayden - Aztec NMOCD

PROPOSED BIG BAND GATHERING SYSTEM AND CDP ATTACHMENT NO. 2 (Revised 9-24-01) -(5) SAN JUAN COUNTY, NEW MEXICO **DUGAN PRODUCTION CORP.**

		200000				_					. F. 1 . S.
Spacing	Unit		SW/4-160A	NW/4-160A	SW/4-160A	SW/4-160A	SE/4-160A	SE/4-160A	SW/4-160A	SE/4 & S/2	N/2-320A
0	BW/D		1	1	0	0	0	0	0	12	30
Current Prod. (1)	MCFD BC/D		0	0	0	0	0	0	0	0	0
Curre	MCFD		117	100	179	184	100	100	100	09	30
Completion	Date		1/31/81	12/1/99	10/6/99	1/4/95	Location	12/31/99	Location	12/2/99	2/2/01
	Pool (5)		Rusty Chacra Ext.	Rusty Chacra	Rusty Chacra	Rusty Chacra Ext.	Rusty Chacra	Rusty Chacra	Rusty Chacra	Rusty Chacra & Basin FR Coal	Basin Fruitland Coal
	CA Number		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A R	N/A
ation	Lse.Type		Federal	Federal	Federal	Federal	Federal	Federal	Federal	Federal	Federal
Well Location	Lease No.		NM-8902	NM-90472	NM-94067	NM-90471	NM-90471	NM-93253	NM-93253	NM-57445	NM-57445
Well Location	UL-Sec-Twn-Rng		L-35-22N-8W	E-26-22N-8W	N-26-22N-8W	L-23-22N-8W	I-23-22N-8W	I-24-22N-8W	L-24-22N-8W	P-27-22N-8W	A-27-22N-8W
API Number	30-045-	SYSTEM	23386	29909	29907	29191	pending	29910	pending	29908	29997
	0)	DED TO					\bigcirc		3	(3)	Ð
	Well Name	WELLS TO BE ADDED TO SYSTEM	Billie No. 2	Dorsey No. 1	Ellington No. 1	Goodman No. 2	Goodman No. 3	James No. 1	James No. 2	Zappa No. 3	Zappa No. 91

Notes:

N/A - Not applicable or not needed.

- 1. Since all wells proposed for this gathering system have been shut in since completion, the production data reflects either the initial potential test or results from short term production testing subsequent to the initial completion testing. Rates for undrilled wells represent estimated initial potential.
- APD submitted 8/8/01.
 Zappa No. 3 was completed in the Bisti Chacra 12/2/99 with a SE/4-160A spacing unit. The Basin Fruitland Coal was perforated and fracture stimulated on 1/29/01 in conjunction with the Chacra frac job. The well is currently being production tested with the Bisti Chacra and Basin Fruitland Coal being downhole commingled and 80% Fruitland Coal. We are pumping 125-140 BWPD and gas proudction has increased from nothing to :±3 mcfd and appears to be exhibiting performance Order NSL-4418. Commingled gas production is allocated 50% each to the Chacra and Fruitland Coal. Commingled water production is allocated 20% Chacra (DHC-2673). The Fruitland Coal spacing unit comprises the S/2-320A and the unorthodox SE/4 Fruitland Coal completion is authorized by Administrative lypical to dewatering Fruitland Coal. We anticipate 30 to 60 mcfd plus 6 to 12 BWPD as dewatering progresses.
- Rod pump artificial lift equipment was installed 2/22/01 and a rate of 5 mcfd plus 30 BWPD was tested on 6/11/01. Based upon testing to date, the performance appears to be typical for dewatering Fruitland Coal. We anticipate ±30 mcfd as dewatering progresses. 4.
 - The Chacra completions in all wells were intially reported to be in the Bisti Chacra Pool (NMOCD Pool No. 96166). NMOCD Order R-11445 dated 9-5-00 extended the Rusty Chacra Pool (NMOCD Pool No. 84360) to include the spacing units or lands adjacent to the spacing units for each of these wells. No other changes were made to the wells or completion intervals. S.

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos 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 Revised
RHachman
No.3
Rs 1 of 10

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AMENDED REPORT

			WE.	LL LO	CAT	ION	AND AC	REAGE DED	ICA	ATION PL	AT_		
l .	API Numbe					Code 360				Pool Na Rusty Chac			
⁴ Property (<u>}</u>			⁵ Property					• ,	Well Number
OGRID :	No.						Bill * Operato		-	 			2 * Elevation
006515	;						Dugan Produ	ction Corp.					6963'
							¹⁰ Surface	Location					
UL or lot no.	Section	Townsi		Range	Lot Id	in l	Feet from the	North/South line	1 "	eet from the	East/West		County
L	35	22	2N	8W	L	L	185	1		790	L	West	Rio Arriba
		· · · · · ·		11 Bot	tom I	Hole	Location 1	f Different F	rom	Surface			
UL or lot no.	Section	Townsh	ip	Range	Lot Id	in 1	Feet from the	North/South line	F	eet from the	East/West	t line	County
Dedicated Acre	s Joint	or Infill	[™] Ce	onsolidation	1 Code	¹⁵ Ord	er No.	<u></u>	l				
160	<u> </u>												
NO ALLOWA	ABLE W							N UNTIL ALL I EN APPROVED				CONS	OLIDATED OR
	 				T							CERT	IFICATION
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										Signature	7		
					1					John D. Ro			
										Printed Name Engineerin			
										Title	g :vtanager		
				Sec.	35		,			September	24, 2001		
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Dugan Pr NM 8902										was plotted fro	m field note:	s of actual .	surveys made by me
1	´						1			or under my su correct to the b			same is true and
790' •	[1			November 10	1090		
	ŀ									Date of Survey			
								·		Signature and S	Seal of Profe	ssional Sur	veyor:
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0													
												*	
										Original surve	ved hy Fdos	r I., Riseni	hoover
1									_	Certificate Nun	nber 3950		

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

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MAMENDED REPORT

	WE	LL LO	CATION	N AND AC	REAGE DEDI	CATION PI	LAT		
API Numb	сг		¹ Pool Cod	c		3 Pool N			
30 045 299	09		84360			Rusty Chacr	^a		
4 Property Code				3 Propert	y Name			1 '	Weil Number
015654					Dorsey			ļ	1
¹ OGRIÐ Nø.				¹ Operato	er Name				' Élevation
006515	Dugan Pr	oduction	Corpora					6680'	Estimated
				10 Surface	Location				
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E 26	22N	8W		1720	North	790	West		San Juan
		11 Bott	tom Hol	e Location	If Different Fro	om Surface			
UL or lot no. Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	Fast/Wes	t line	County
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District I PO Box 1980, Hobbs, NM 88241-1980 District II PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rio Bruzos Rd., Aziec, NM 87410 District IV

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u Dedicated Acres

160

" Joint or Infill

14 Consolidation Code

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MAMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

	API Numb	cr		1 Pool Coo	ie	³ Pool Name						
30	0 045 2	29907		84360			Rusty Ch	nacra				
4 Property	Code		* Property Name									
02472	22	E11	ington						1			
OCRID	No.				1 Operator	Name			· Elevation			
00651	15	Dug	an Prod	uction Co	rporation			6722'				
					10 Surface	Location						
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County			
N	26	22N	8W	N	1100	South	1850	West	San Juan			
			11 Bot	tom Hol	e Location I	f Different Fro	om Surface					
UL or lot no.	Section	n Township Range Lot Idn Feet from the North/South line Feet from the East/West line							County			

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 Order No.

16				¹⁷ OPERATOR CERTIFICATION
				I hereby certify that the information contained herein is
]			true and complete to the best of my knowledge and belief
				Signature Rec
			·	John D. Roe
				Printed Name
				Engineering Manager
				Title
				September 24, 2001
	Section	26		
				18SURVEYOR 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
0				correct to the best of my belief.
Dugan Prod. NM 94067				April 6, 1999
NM 94007				Date of Survey
	_			Signature and States Professional Surveyor.
1850'	——(i)			6.75
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:	1100'			Clarify Control of the control of th
				Certifiede Number
				Countieers Grittloct Griffill I

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

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	045 291			84360			Rusty Cl		ytens	ion
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OGRID				· · · · · · · · · · · · · · · · · · ·	¹ Operator	Name				· Flevetion
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00001.	<u></u> _				10 Surface	Location				
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UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	Fast/West	t line	County
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16							I hereby cent	ify that the inf	ormation	TIFICATION contained herein is knowledge and belief
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	}						Signature John [). Roe		
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							Date of Surv	mber 1, cy I Schling	RISE	Structor;
1	850'						Signature and		5979	O VER

District II PO Drawer DD. Artesia. NM 88211-0719

Oistrict III 1000 Aio Brazos Ad., Aztec, NM 87410.

Oistrict IV PO Box 2088, Santa Fe. NM 87504-2088

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OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

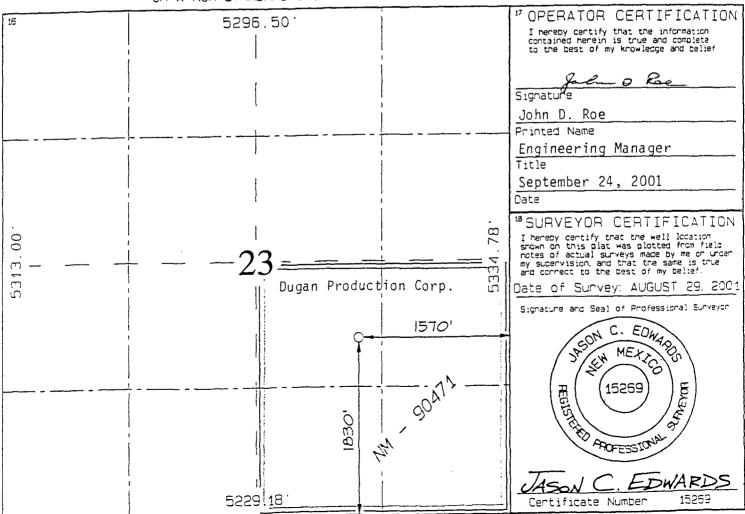
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X AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

	API Numbe			'Pool Coo	ce		Pool Nam	e			
3.0	045			84360	Rusty Chacra						
'Property					Property Name Well in GOODMAN 3						
'CGRID ()	. <u> </u>		DUGAN	*Operator	r Name ON CORPORAI	TION		Elevation		
					¹⁰ Surface	Location					
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ل ا	23	25N	8₩		1830	SOUTH	1570	EAST	SAN JUAN		
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at or let re.	Section	Township	Range	Lat Ian	Feet from the	North/South line	Feet from the	East/West line	County		
Dedicated Acres	150	ACRES	- (SE	/4)	3 Joint or Infill	¹⁴ Consolidation Code	¹⁵ Orden No.				



District I PO Box 1980, Hobbs, NM EE241-1980

District II

PO Drawer DD, Artesia, NM 88211-0719 District III

1000 Rio Bruzos Rd., Aztec, NM 87410

District IV

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		WE	ELL LO	CATION	4 AND ACE	REAGE DEDI	CATION PL	_ATI		
	API Numb	:F		¹ Pool Cod	e		Pool N	ame		
30	045 29	910		84360			Rusty Ch	acra	······	
* Property					¹ Property	Name			•	Well Number
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'ogrid					* Operator	Name				* Élevation
00651	5	· Du	igan Prod	luction C	orporation				670	5'
					10 Surface	Location			_	
UL or lot se.	Section	Township	Range	Lot lon	Feet from the	North/South line	Feet from the	East/West	line	County
I	24	22N	8W	- 1	1475	South	878	East		San Juan
 			¹¹ Bot	tom Hol	e Location I	f Different Fro	om Surface_			
UL or lot so.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West	line	County
12 Dedicated Acr	as 13 Joint	or lafill 14	Consolidatio	a Code 16 C	rder No.					
160										
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		OR A	NON-STA	ANDARD	UNIT HAS BI	EEN APPROVED	BY THE DIV	ISION		
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					n Prod. 03253	878'- 1475'	I hereby certi was plotted fi or under my correct to the	fy that the wei rom field notes supervision, at best of my be April 6,	l location of actual that the lief.	s shown on this plat I surveys made by me we same is true and

.3:sthict 1 -af 80x 1980. Hopps, NM 88241-1980

District II PO Drawer DD. Artesia, NM B8211-0719

Cistrict III 1000 Rio Brazos Ad., Aztec. NM 87410

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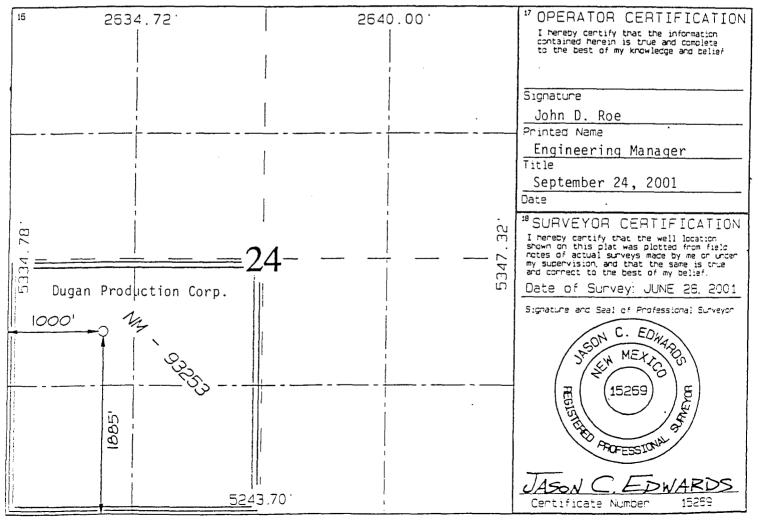
WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number	'Pool Code	'Pool Name .
30 045	84360	Rusty Chacra
*Property Code	'Property Nam JAMES	e *Well Number
'OGRID No. 006515	*Operator Nam DUGAN PRODUCTION	

10 Sunface Location

					- Jul Tace	EGCGCION .			
UL on lot no.	Section	Township	Range	Lot Ich	Feet from tre	Narth/South line	Feet from the	East/West line	County
L.	24	55N	8₩		1885	SOUTH	1000	WEST	SAN JUAN
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UL or lot no.	Section	Township	Range	Lat Ian	Feet from the	North/South line	Feet from tre	East/West line	County
¹² Oedicated Acres					Doint or Infill	¹⁴ Consolidation Code	²⁵ Onder No.		
	160	ACRES	- (SW	/4)					

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1	API Numb	ĸŗ		¹ Pool Cod	ie		Poel ?	inme		
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4 Property	Code				⁵ Property	Name			6 1	Well Number
01330	61	Z	Zappa							3
'OGRID	No.				f Operator	Name				* Élevation
0065	15	, .	Ougan Prod	duction C	orporation				6738'	
					10 Surface	Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West	line	County
Р	27	22N	8W	P	790	South	1190	East		San Juan
			11 Bot	tom Hol	e Location I	f Different Fro	om Surface			
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160					DHC-	2673				
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6							I hereby certi	fy that the infor	mation c	IFICATIOI ontained herein is nowledge and beile
								Q-f-	o i	ə .

Signature John D. Roe Printed Name Engineering Manager September 24, 2001 Section 18SURVEYOR 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. April 6, 1999 Signature and South England MEXICO 1190' Dugan Prod. 5979 NM 57445 7901 Certifica Number 2 20 MAL 80

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

> Dugan Prod. NM 57445

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correct to the best of my belief.

Date of Survey

1190'

790

Signature and South HISTORY

April 6, 1999

RISENTO

BRIDIKY

District IV PO Box 2088, Santa Fe. NM 87504-2088 ☐ AMENDED REPORT WELL LOCATION AND ACREAGE DEDICATION PLAT API Number ¹ Pool Code ³ Pool Name 30 045 29908 71629 Basin Fruitland Coal * Property Code ³ Property Name Well Number 013361 Zappa 3 OGRID No. Operator Name · Élevation 67381 006515 Dugan Production Corporation 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 1190 East San Juan South 27 22N 790 p Bottom Hole Location If Different From Surface UL or lot no. Section Township Range Lot Ida Feet from the North/South line Feet from the East/West line County 12 Dedicated Acres " Joint or Infill 14 Consolidation Code " Order No. + NSL-4418 DHC-2673 320 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 16 I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief ahu D. Rose Signature John D. Roe Printed Name Engineering Manager January 7, 2000 Date Section 27 18SURVEYOR 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

PO Box 1980, Hobbs, NM 88241-1980 District II PO Drawer DD, Artesia, NM 88211-0719 District III

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OIL CONSERVATION DIVISION - PO Box 2088 Santa Fe, NM 87504-2088

Certificate Number

1000 Rio Bruzos Rd., Aztec, NM 87410 Fee Lease - 3 Copies District IV PO Box 2088, Santa Fe, NM 87504-2088 ☐ AMENDED REPORT WELL LOCATION AND ACREAGE DEDICATION PLAT API Number ¹ Pool Code Pool Name 30 045 288**97** 71629 Basin Fruitland Coal ⁵ Property Name Well Number ⁴ Property Code Zappa 91 013361 Operator Name · Élevation 'OGRID No. 6648' Dugan Production Corporation 006515 10 Surface Location Feet from the North/South line East/West line UL or lot no. Section Township Range Lot Ida Feet from the County 790 East San Juan 790 North 8W 27 22N 11 Bottom Hole Location If Different From Surface Range Feet from the North/South line Feet from the East/West line UL or lot no. Section Township Lot Idn County 12 Dedicated Acres 13 Joint or Infill 14 Consolidation Code 16 Order No. 320 NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION ¹⁷ OPERATOR CERTIFICATION I hereby certify that tife information contained herein is true and complete to the best of my knowledge and belief 790' Dugan Production NM 57445 Sherman Printed Name Vice-President Date 18SURVEYOR 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 RISENAN Signature and Sea of Profession Signature RISENHO MINIMESSIONAL SURVINI