Submit 3 Copies To Appropriate District												
Office	State of New Mex		Form C-103									
oistrict I Ene 625 N. French Dr., Hobbs, NM 88240	rgy, Minerals and Natur •	al Resources	WELL API NO.									
District II 1301 W. Grand Ave., Artesia, NM 88210 OIL CONSERVATION DIVISION 1320 South St. Francis Dr. 1320 South St. Francis Dr.												
strict III	1220 South St. France	cis Dr.	STATE FEE STATE									
00 Rio Brazos Rd., Aztec, NM 87410 strict IV	Santa Fe, NM 87	505	6. State Oil & Gas Lease No.									
20 S. St. Francis Dr., Santa Fe, NM 505	2.23	1242 3	Federal Lease SF-078110									
SUNDRY NOTICES AND REPORTS ON WELLS 7. Lease Name or Unit Agreement Name												
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEFPEN OR PLUC ACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) King Com												
1. Type of Well: Oil Well ☐ Gas Well ☒ Other 8. Well Number 2												
FC ON AN												
2. Name of Operator Dugan Production Corp. 9. OGRID Number 006515												
Address of Operator	C.87	195	10. Pool name or Wildcat									
O. Box 420, Farmington, NM 87499-042	0 (505)3	25-1821	Basin FR Coal & Harper Hill FR Sand PC									
Well Location												
Unit Letter J: 2385 feet from the South line and 2255 feet from the East line												
		e 14W NM										
11. Ele 5426' C	vation (Show whether DR,	RKB, RT, GR, etc.,										
or Below-grade Tank Application (For pit or belo		C-144 must be attache	d)									
Location: UL Sect Twp Rng												
Distance from nearest surface water Below-grade Tank Location UL Sect Twp Rng ; feet from the line and feet from the line												
feet from theline andfeet from theline												
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data												
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON SUBSEQUENT REPORT OF: REMEDIAL WORK ALTERING CASING												
EMPORARILY ABANDON 📋 CHANG	GE PLANS	COMMENCE DRI	ILLING OPNS. PLUG AND ABANDONMENT									
		t	ADAIDOMILIM									
	PLE LETION	CASING TEST AND CEMENT JOB	ND									
COMP			ND									
OTHER: Downhole commingle 13. Describe proposed or completed operations. (Completed operations)	LETION	CEMENT JOB OTHER: and give pertinent dates	, including estimated date of starting any proposed work).									
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Attachment No. 1 Offset Well Production Dugan's Federal I Wells No. 101, Com 102 & King Com No. 2 Sections 1, 11 & 12; T-29N; R-14W San Juan County, New Mexico

					2,262	1,921	566	724	1,009		89	N-36-30N-14W	O'Henry #1	DPC
								11,941 (2)	5,993		14	I-36-30N-14W	Camp David Com #1S	DPC
					6,064	4,420	4,800	2,924	3,913		89	G-36-30N-14W	Camp David Com #1	DPC
	5,569 (10)	4,738	4,865	1,937							46	D-36-30N-14W	Stella Needs a Com #2	DPC
		L		200 (6)							9	O-35-30N-14W	Aztec 35 #5	LADD
							6,695 (3)	6,233	2,825		27	N-35-30N-14W	Perf #90	LANCE
1,126	1,268	1,017	1,517	2,003							280	N-35-30N-14W	Aztec #4	LANCE
4,146 (7)	4,522	6,602	4,793	4,584							55	I-35-30N-14W	Jiggs #2	DPC
					5,776	4,999	8,266	5,315	3,486		56	H-35-30N-14W	Tabor Com #90	DPC
862	529	434	1,044	799							126	G-35-30N-14W	Winifred #2	DPC
1,439	1,686	3,860	5,276	4,127							51	E-35-30N-14W	Jiggs #1	DPC
573	498	749	1,240	1,509							90	D-35-30N-14W	Aztec 35 #3	DPC
5,713	4,737	6,231	7,683	7,416					_		2	O-34-30N-14W	WF Federal 34 #1	LANCE
2,171 (9)	1,178	406	532	666	2,086 (9)	9,	≇-10,750	₹8,266		49/51 ®	57	N-34-30N-14W	WF Federal 34 #2	LANCE
4,993 (8)	5,775	5,611	_ 7,134 <u>≰</u>	6,157	4,270 (8)	4,076	4,048	2,189	. 4.449 ·	49/51 ®	56	A-34-30N-14W	WF Federal 34 #3	LANCE
		4,688 (3)	4,420	2,761							27	K-14-29N-14W	Benally 14 #3	LANCE
		9,919	8,161	10,079							36	I-14-29N-14W	WF Navajo 14 #1	LANCE
				5,426 (8)							8	H-14-29N-14W	Navajo 14 #2	LANCE
	1,998 (6)	2,583	2,345	1,352							42	E-14-29N-14W	Navajo Tribal H #12	LANCE
2,668 (6)	·- 2,850 ·	2,752	100	1,929	2,668 (6)	× 2,850 ◆	2,752	3,517	1,929	50/50 Ø	5 2	M-13-29N-14W	Navajo Tribal H #5	LANCE
			4,868	3,381							24	E-13-29N-14W	Navajo 13 #2	LANCE
	1,112 (5)	1,349	1,420	997							41	A-13-29N-14W	Navajo Tribal H #15	MSPC
		4	2,175	3,356				2,326 (7)	2,827	74/26 ©	24	A-13-29N-14W	Navajo 13 #1	LANCE
Action the average of	A STATE OF THE STA				1		4,455 (6)	4,374	+		30	E-11-29N-14W	Federal I #90	DPC
4,551 (6)	6,236	4,002	5,978	7,973							54	C-11-29N-14W	Federal I #8	DPC
					501 (7)	491	413	710	_		55	B-11-29N-14W	King Com #90	DPC
	2,489 (6)	2,057	₹1,916¶	3,574			2,866 (3)	2,064	1,00	50/50 ©	42	K-10-29N-14W	Ropco 10 #2	LANCE
		1,330 (6)	3,022	4,971							30	J-10-29N-14W	Federal I #10	DPC
			2,653	3,317							24	D-10-29N-14W	Ropco 10 #1	LANCE
					1,428 (7)	1,669	2,247	3,397	5,226		55	B-10-29N-14W	Federal I #98	DPC
					3,837 (2)	3,668	4,615	4,701	5,341		50	L-3-29N-14W	WF Federal 3 #2	LANCE
1,902 (6)	2,215	2,811	5,033	8,486							55	J-3-29N-14W	Federal I #7	DPC
					3,461 (9)	4,513	6,216	5,501	6,283		57	H-3-29N-14W	Federal I #99	DPC
4,765 (2)	4,629	4,382	5,207	3,356							50	D-3-29N-14W	WF Federal 3 #1	LANCE
					1,100 (8)	1,722	2,136	3,135	4,880		56	L-2-29N-14W	Com #91	DPC
1,092	972	1,017	596	1,046			,				155	J-2-29N-14W	Com #3	DPC
ļ	Ī				4.243	5.401	6.841	8.887	4.388		81	J-2-29N-14W	Com #1	
3,293	5,029	6,564	4,757	8.985							61	C-2-29N-14W	Com #4	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1 776 (8)	2 455	3 440	4 100							44	V 3 201 14W	Com #2/2D	
3.082	2.518	3.373	3.200	3.176							380	1-1-29N-14W	Federal I #5/5D	250
3 524	3 088	3 007	3 774	1 050							413	C-1-29N-14W	Federal I #4/4R	PPC
3 405	1 365	7 202	070	130		2,266 (5)	1,/44	1,594	1,435		41	B-1-29N-14W	Federal I #100	DPC
4,097	4,123	4,582	3,487	3,247							353	P-18-29N-13W	Fawkes #1	ROC
									14,023 (5)		5	P-18-29N-13W	Ropco 18 #4	LANCE
		1477 (3)	1,588	1,376	43.38		1477 (3)	1,588	1,376	50/50 ④	27	N-18-29N-13W	RPC 18 #3	LANCE
months	months	months	months		months	months	months	months	months	%FC/%PC	Produced	UL-S-T-R	Well	Operator ①
5th 12	4th 12	3rd 12	2nd 12	1st 12	5th 12	4th 12	3rd 12	2nd 12	1st 12	DHC @	# Months	Location	,	
	J-PC	Fruitland Sand-PC	Fru				Fruitland Coa	F		10/04				
		n 12) ②	If less tha	& (# of mo.	tion - mcf/mo & (# of mo. If less than 12) ②	Average Production	Averaç							
								W Mexico	San Juan County, New Mexico	San Juan		,		

Attachment No. 1 Offset Well Production Offset No. 101. Com 102 & King Com N

Dugan's Federal I Wells No. 101, Com 102 & King Com No. 2 Sections 1, 11 & 12; T-29N; R-14W

				-													
										DPC	Operator ①						
										Camp David Com #2	Well						
								_		O-36-30N-14W	UL-S-T-R	Location					
% of FC & I	Average/we	# wells	Total excludin		Avg. 1st 5 y	% of FC & I	Average/we	# wells	Total all we	46	Produced	# Months					
°C	#		g DHC wells		T'S	ဂိ	JI.		lls		%FC/%PC	DHC @	10/04		San Juan		
53.4	4,443	14	62, 198			52.1	4,009	20	80,188		months	1st 12			San Juan County, New Mexico		
54.1	4,572	13	59,436			53.1	4,178	19	79,386		months	2nd 12	Fr	Average Production - mcf/mo	w Mexico		
53.0	4,119	12	49,423		52.9	54.9	4,195	17	71,316		months	3rd 12	uitland Co				
50.9	3,107	10	31,070			52.4	3,319	13	43,143		months	4th 12	31		•		
52.3	3,186	9	28,672			51.4	3,141	12	37,696		months	5th 12					
46.6	3,873	27	104,574			47.8	3,686	33	121,632	2,259	months	1st 12		& (# of mo.	ļ		
45.9	3,881	25	97,017		47.1	46.9	3,673	31	113,876	5,159	months	2nd 12	Fru	If less than 12) ②			
47.0	3,653	23	84,013			45.1	3,440	28	96,316	4,023	months	3rd 12	itland Sanc				
49.1	2,999	20	59,981					47.6	3,011	24	72,273	3,111 (10)	months	4th 12	1-PC		
47.7	2,910	15	43,650			48.6	2,971	18	53,482		months	5th 12					
	54.1 53.0 50.9 52.3 46.6 45.9 47.0 49.1	4,443 4,572 4,119 3,107 3,186 3,873 3,881 3,653 2,999 53.4 54.1 53.0 50.9 52.3 46.6 45.9 47.0 49.1	14 13 12 10 9 27 25 23 20 4,443 4,572 4,119 3,107 3,186 3,873 3,881 3,653 2,999 C 53.4 54.1 53.0 50.9 52.3 46.6 45.9 47.0 49.1	DHC wells 62,198 59,436 49,423 31,070 28,672 104,574 97,017 84,013 59,981 14 13 12 10 9 27 25 23 20 4,443 4,572 4,119 3,107 3,186 3,873 3,881 3,653 2,999 C 53.4 54.1 53.0 50.9 52.3 46.6 45.9 47.0 49.1	DHC wells 62,198 59,436 49,423 31,070 28,672 104,574 97,017 84,013 59,981 14 13 12 10 9 27 25 23 20 4,443 4,572 4,119 3,107 3,186 3,873 3,881 3,653 2,999 C 53.4 54.1 53.0 50.9 52.3 46.6 45.9 47.0 49.1	BUTC Weel/Its 62,198 59,436 49,423 31,070 28,672 104,574 97,017 84,013 59,981 14 13 12 10 9 27 25 23 20 4,443 4,572 4,119 3,107 3,186 3,873 3,881 3,653 2,999 C 53.4 54.1 53.0 50.9 52.3 46.6 45.9 47.0 49.1	CC 52.1 53.1 54.9 52.4 51.4 47.8 46.9 45.1 47.6 s 52.9 52.9 47.1 47.0 47.1 47.1 DHC wells 62,198 59,436 49,423 31,070 28,672 104,574 97,017 84,013 59,981 14 13 12 10 9 27 25 23 20 4,443 4,572 4,119 3,107 3,186 3,873 3,881 3,653 2,999 C 53.4 54.1 53.0 50.9 52.3 46.6 45.9 47.0 49.1	4,009 4,178 4,195 3,319 3,141 3,686 3,673 3,440 3,011 C 52.1 53.1 54.9 52.4 51.4 47.8 46.9 45.1 47.6 s 52.9 52.9 52.4 51.4 47.8 46.9 45.1 47.6 b 52.19 52.9 31,070 28,672 104,574 97,017 84,013 59,981 DHC wells 62,198 59,436 49,423 31,070 28,672 104,574 97,017 84,013 59,981 DHC wells 14 13 12 10 9 27 25 23 20 4,443 4,572 4,119 3,107 3,186 3,873 3,881 3,653 2,999 C 53.4 54.1 53.0 50.9 52.3 46.6 45.9 47.0 49.1	20 19 17 13 12 33 31 28 24 4,009 4,178 4,195 3,319 3,141 3,686 3,673 3,440 3,011 C 52.1 53.1 54.9 52.4 51.4 47.8 46.9 45.1 47.6 s 52.9 52.9 52.4 51.4 47.8 46.9 45.1 47.6 DHC wells 62,198 59,436 49,423 31,070 28,672 104,574 97,017 84,013 59,981 DHC wells 62,198 59,436 49,423 31,070 28,672 104,574 97,017 84,013 59,981 DHC wells 4,443 4,572 4,119 3,107 3,186 3,873 3,881 3,653 2,999 C 53.4 54.1 53.0 50.9 52.3 46.6 45.9 47.0 49.1	S 80,188 79,386 71,316 43,143 37,696 121,632 113,876 96,316 72,273 20 19 17 13 12 33 31 28 24 4,009 4,178 4,195 3,319 3,141 3,686 3,673 3,440 3,011 C 52.1 53.1 54.9 52.4 51.4 47.8 46.9 45.1 47.6 S 52.1 53.1 54.9 31,070 28,672 104,574 97,017 84,013 59,981 DHC wells 62,198 59,436 49,423 31,070 28,672 104,574 97,017 84,013 59,981 DHC wells 62,198 59,436 49,423 31,070 28,672 104,574 97,017 84,013 59,981 A,443 4,572 4,119 3,107 3,186 3,873 3,881 3,653 2,999 C 53.4 54.1 53.0 50.9 52.3 46.6 45.9 47.0 49.1	Camp David Com #2 O-36-30N-14W 46 80,188 79,386 71,316 43,143 37,696 121,632 113,876 96,316 72,273	Well UIL-S-T-R Produced %FC/%PC months months	Well Location Well # Months OUL-S-T-R Produced DHC © Mec/%PC wonths 1st 12 months months 2nd 12 months 3nd 12 months 4th 12 months 5th 12 months 1st 12 months 2nd 12 months 4th 12 months 1st 12 months 2nd 12 months 4th 12 months 1st 12 months 2nd 12 months 4th 12 months 1st 12 months 2nd 12 months 4th 12 months 1st 12 months 2nd 12 months 4th 12 months months	Honths H	Location # Months DHC @ 10/04 1st 12 2nd 12 3rd 12 4th 12 5th 12 1st 12 2nd 12 3rd 12 4th 12 3rd 12 4th 12 2nd 12 3rd 12 4th 12 3rd 12 4th 12 3rd 12 4th 12 3rd 12 4th 12 3rd 12		

- ① DPC Dugan Production Corp., LADD Ladd Petroleum Corp., LANCE Lance Oil & Gas Co., ROC Richardson Operating Co
- ② Production data from Dwights/PI and ONGARD thru October, 2004 for ROC & LANCE and thru 2/05 for DPC pool (71629) and Fruitland Sand-PC production from the Harper Hill (78160) and Twin Mounds (86620) All data normalized to 1st month of production. Fruitland Coal production from the Basin Fruitland Coal
- Downhole commingling factors for October 2004. % of total gas from Fruitland Coal and % of total gas from Fruitland Sand/Pictured Cliffs Fruitland Sand-Pictured Cliffs pools, plus West Kutz Pictured Cliffs pool (79680).
- @ RPC 18 Well No. 3 (API No. 30-045-30943) DHC-894AZ approved 9-10-02 authorizes downhole commingling of Basin Fruitland Coal with West Kutz Pictured Cliffs Fixed allocation factor of 50/50. Used for production 8/02 thru 10/04.
- © Ropco 10 Well No. 2 (API No. 30-045-30448) DHC-908AZ approved 9/23/02 authorizes downhole commingling of Basin Fruitland Coal with Harper Hill Fruitland Sand-Pictured Cliffs. Fixed allocation factor of 50/50 used for production 8/02 thru 9/04.
- © Navajo 13 Well No. 1 (API No. 30-045-30652) DHC-965AZ approved 11/02 authorizes downhole commingling of Basin Fruitland Coal with West Kutz Pictured Cliffs. Fixed proposed new fixed allocation factors of 78.3% Fruitland Coal and 21.7% Pictured Cliffs. allocation factor of 49% Fruitland Coal and 51% Pictured Cliffs proposed and fixed allocation factor of 50/50 used for production 5/03 thru 9/04. On 11/15/04, Richardson Operating
- ② Navajo Tribal H No. 5 (API No. 30-045-13101) Administrative Order DHC-2478 dated 10/12/99 authorized downhole commingling of Basin Fruitland Coal with West Kutz Pictured Cliffs allocation factor o 50/50 has been used for all production 5/00 thru 10/04. Allocation factors to be based upon an exponential decline of 18%/year for the PC (PC volume=PC base rate x e - b) and by subtraction for the Fruitland Coal. A fixed allocation
- @- WF Federal 34 Well No. 3 (API No. 30-045-29881) Administrative Order DHC-2699 dated 4/3/00 authorizes the downhole commingling of Basin Fruitland Coal with Harper Hill 2002 = 38.1% Coal & 61.9% PC; 2003 = 40.8% Coal & 59.2% PC; 1st 9 months 2004 = 49.0% Coal & 51.0% PC. Fruitland Coal. Allocation factors for production changes monthly and annual averages are: 2000 = 44.6% Coal & 55.4% PC; 2001 = 26.2% Coal & 73.8% PC; Fruitland Sand-Pictured Cliffs. Allocation factors to be based upon an exponential decline of 7%/year for the Pictured Cliffs (PC volume=PC base rate x e - utility) and by subtraction for the
- 9 WF Federal 34 No. 2 (API No. 30-045-29882) Administrative Order DHC-2608 dated 2/1/00 authorizes the downhole commingling of Basin Fruitland Coal with Harper Hill Allocation factors for production changes monthly and annual averages are: 2000 = 89.4% Coal & 10.6% PC; 2001 = 94.0% Coal & 6.0% PC; 2002 = 96.4% Coal & 3.6% PC; Fruitland Sand-Pictured Cliffs. Allocation factors to be based upon an exponential decline of 7%/year for the PC (PC volume = PC base rate x e - bt and by subtraction for the coal 2003 = 81.4% Coal & 18.6% PC; 2004 = 49.0% Coal & 51.0% PC