FORM APPROVED UNITED STATES Budger Bureau No. 1004-0135 Form 3160-5 DEPARTMENT OF THE INTERIOR Expires: March 31, 1993 (June 1990) 5. Lease Designation and Senal No. BUREAU OF LAND MANAGEMENT SF-078388-A SUNDRY NOTICES AND REPORTS ON WELLS 6. If Indian, Allottee or Tribe Name Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE 1. Type of Well 8. Well Name and No. Oil Wall X Gas Huerfanito #5-E 2. Name of Operator 9. API Well No. Dugan Production Corp. 30-045-29465 3. Address and Telephone No 10. Field and Pool, or Exploratory Area (505) 325-1821 P.O. Box 420, Farmington, NM 87499 Basin Dakota 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. County or Parish, State 1850' FSL & 1850 FEL (NW/4 SE/4) Unit J, Sec. 10, T26N, R9W San Juan, NM CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION TYPE OF SUBMISSION Change of Plans Abandonment Notice of Intent New Construction Recompletion Non-Routine Fracturing Plugging Back X Subsequent Report Water Shut-Off Casing Repair Conversion to Injection Altering Casing Final Abandonment Notice Other Primary Cement Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\* Calculated cement tops for first and second stages are as follows: (Annular volumes from open hole log caliper.) Annular volume from t.d to stage tool at 4467' = 650 cu. ft. Old Color Stage 1: Cement volume pumped = 642 cu. ft. Calculated top of cement = 4492' Annular volume from 4467' to stage tool at 2095' = 820 cu. ft. Stage 2: Cement volume pumped = 816 cu. ft. Calculated top of cement = 2105'

14. I hereby certify that the foregoing is truffald correct:  Signed A A A A A A A A A A A A A A A A A A A	TideVice-President	Date <u>1-5-98</u>
(This space for Federal or State office use)  Approved by		ACCEPTE Pale
Conditions of approval, if any:		22.1000

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5 (June 1990)

## UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

(This space for Legician	• •• ••-• ••••		. 5. 2000
14. I hereby certify that the Signed (This space for Federa	1 Glipand	LTitleVice-President	Date 12-17-97
		OIL COIL DIV	7.
		DEGETVE	
5/8" J	044ina T	hrs, 12-15-97. Drill to 3 and @ 327'. Cement with 34 2. Circulated 5 bbls. ceme i - held ok.	ij cu. ic.
13. Describe Proposed or Cogive subsurface loc	ompleted Operations (Clearly state all pertinent ations and measured and true vertical depths	details, and give pertinent dates, including estimated date of starting for all markers and zones pertinent to this work.)*	ng any proposed work. If well is directionally drulled
	bandonment Notice	Altering Casing  Nother Spud, surface casing	Completion of Recompletion Report and Log form.)
X Subsequ	uent Report	Plugging Back Casing Repair	Non-Routine Fracturing Water Shut-Off
Notice	of Intent	Abandonment Recompletion	Change of Plans  New Construction
	SUBMISSION	TYPE OF ACTION	
CHECK	APPROPRIATE BOX(s) TO	INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
1850' FSL	& 1850 FEL (NW/4 SE/4) c. 10, T26N, R9W		San Juan, NM
P.O. BOX	420, Farmington, NM 87 ge. Sec., T., R., M., or Survey Description)	499 (505) 325–1821	Easin Dakota 11. County or Parish, State
3. Address and Telephone	No.	(505) 225 1221	30-045-29465  10. Field and Pool, or Exploratory Area
2. Name of Operator	oduction Corp.		9. API Well No.
1. Type of Weil Oil Well Gas Well	Other		8. Well Name and No.  Huerfanito #5-E
	SUBMIT IN TR	IPLICATE	
Do not use this fo	SUNDRY NOTICES AND F orm for proposals to drill or to Jse "APPLICATION FOR PERM	deepen or reentry to a different reservoir.	7. If Unit or CA. Agreement Designation
	BUREAU OF LAND		SF-078388-A 6. If Indian, Allottee or Tribe Name
June 1990)	DEPARTMENT OF T	THE INTERIOR	Lease Designation and Serial No.

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Unit J, Sec. 10, T26N, R9W

Form 3160-5 (June 1990)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

Expires: March 31, 1993

5. Lease Designation and Senal No.

٠ ٤	SF-07	8388 <i>–1</i>	Ą		
6.	'If Indian	Allonce (	or	Tribe	Name

San Juan, NM

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals 4 . . . . 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE 1. Type of Weil 8. Well Name and No. Cil Gas Well Well Huerfanito #5-E 2. Name of Operator 9. API Well No. Dugan Production Corp. 30-045-29465 3. Address and Telephone No. 10. Field and Pool, or Expioratory Area (505) 325-1821 P.O. Eox 420, Farmington, NM 87499 Basin Dakota 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. County or Parish, State 1850' FSL & 1850 FEL (NW/4 SE/4)

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SURMISSION.

TYPE OF SURMISSION.

TYPE OF SUBMISSION	TYPE OF ACTIO	N
Notice of Intent	Abandonment	Change of Plans
X Subsequent Report	Recompletion Plugging Back Casing Repair	New Construction Non-Routine Fracturing Water Shut-Off
Final Abandonment Notice	Altering Casing  X Other Production Casing	Conversion to Injection  Dispose Water
		(Note: Report results of multiple completion on Well

Drilled to 6756' t.d on 12/29/97. Ran Induction and Density logs. Ran 4-1/2" 11.6# K-55 csg., 706.69 and 10.5# J-55 csg. Land @ 6751'. Stage tool @ 4467' & 2095'. Cement 1st Stage with 432 cu. ft. 65/35/8 with 8#/sx kol seal followed with 218 cu. ft. class "H" w/.3% FL-52 & .4% CD-32. Cement 2nd Stage with 756 cu. ft. 65/35/8 with 8#/sx kol seal followed with 60 cu. ft. class "B" w/6.25# Gilsonite/sx. Cement 3rd Stage with 800 cu. ft. 65/35/8 with 8#/sx kol seal followed with 60 cu. ft. class "B" with 6.25# Gilsonite/sx. Ran temperature survey. Found cement top @ 50'. Job Complete 12/30/97.

DEGEIVED

1 /2		<u></u>		\17 <del>77</del>		
14. I hereby certify that the foresorge is true and correct  Signed Jahn Curanalis	Tide .	Vice-President	DIT. 2	UVo Date <u>12/31/97</u>		
(This space for Federal or State office use)	Title	*·		Date		
Approved by	1100		ACCEPTEL	Date		

Tide 13 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United Land any false, recidous or fraudulent statements or representations as to any matter within its jurisdiction.

<sup>13.</sup> Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

## 50CD lFile lBurlington lbw ldp ltf ljr lmbc lsn ljh llc lpb lsb ltf

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

District I State of New Mexico Energy, Minerals & Natural Resources Department

Form C-104 Revised February 21, 1994 Instructions on back

trict III			OU	$\mathbf{P}_{i}$	O Box 2	8809	NOISIVI	;	Submit	to Approp	oriate District Office 5 Copie
00 Rio Bruzos trict IV				Santa F	e, NM 8	7504	-2088				•
Box 2088, Si			FOR AL	LOWABI	LE AND	) A I I'	CHODIZA	ፐ፤ሶእ፤ ፕረ	א מידי ר		MENDED REPORT
			Operator name	and Address	DE AITI	7.70	HORIZA	TION IC		OGRID Nu	
Dugan	Product	ion Cor	rn.						0065		
P.O. B		21011 001	c p•						, K	cason for Fili	ing Code
	gton, N	M 8749	99							NW	
۸* -45 0 - 30	l'i Number 29465			Day	'ro sin Dak	ol Name					Pool Code
	operty Code		<del></del>	Da	<del></del>	erty Nai			<del></del>	- <del> </del>	599
	3709		ī.	luerfani	-	erty Mai	ne				Well Number
		Location	<u>_</u> 1	derrani			<del></del>		<del></del>		5-E
l or lot no.	Section	Township		løt.ldn	Feet from the	ie	North/South Li	ne Feet from	the	East/West lin	ne County
J	10	26N	9W		`1850		FSL	185	;n	FEL	
		Hole Lo							<u>′</u> L	T ISD	San Juan
Lorlatna.	Section	Township	Range	Lot Idn	Feet from	the	North/South li	ne Feet from	n the	East/West lis	ne County
J 12 Luc Code	1.0	ng Method C	9W	Connection Dat	1850		FSL	185		FEL	San Juan
F		F	ode (Jas (	onnection Dat	r 1º C-1	29 Permi	t Number	" C-129 Eff	fective Da	ite 17	C-129 Expiration Date
		Transpor	l rters					<del></del>			
Тгипаро	rter		Transporter N			" POI	) 11 ()	/G	11	POD ULSTR	Lucution
OGRID		El Paso	and Address							and Descri	iption
00705			30x 4990		28	<b>2</b> 0 3	90			• • • • • • • • • • • • • • • • • • • •	
		Farming	gton, NM	87499	100						
.00901			Refining		282	<b>)</b> 11 3	8 <b>9</b> c				
3034			S Hwy. 64 gton, NM		7	, 0 0	0 3		1) 5	GE	A巨以
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	and the same of th		300117 11.1	0, 191					+		!//
35.74										JAN 2	0 19 <b>9</b> 8 -
									and.	MOD_	
AL PROPERTY OF	******					**********			سنه و د		
. Prod	uced Wi	ater									
282	039	1			24	rod ui	STR Location a	nd Description	1		
		tion Dat		·	······································						
	pud Date	aton Dat	A Ready Da	ate T		" TD		N. Auto		<del></del>	
12-15			1-16-98	İ				" PBT	D		1º Perforations
	34 Hole Size	e		Casing & Tubir		56' 	<sup>32</sup> Depi	6712'	<del></del>	6370-65981	
	12-1/4	4"		8-5/8"			32				
	7-7/8	8"		4-1/2"			675			345 cu. ft. 2326 cu. ft.	
										.520 Cu	· 10•
						-					<del></del>
	Test D	ata	<del></del>						l	<del></del>	
11 Date	New Oil	35 Gas	Delivery Date	36 17	est Date		37 Test Length	31	Tog. Pro	essure	" Csg. Pressure
				1-16-		2	4 hours		940		1520
	ke Size		4 Oil	1	Water	41 Gas			" AC		45 Test Method
3/8 *Thereby ce		rules of the O	O Oil Conservation I	100 (fi	cac wate	<u>∋‡)</u>	1700				F
with and that	the information	on given abov	re is true and con	oplete to the bes	en complied t of my		OIL	CONSER	 זיראע	יום אט	VISION
cnowledge an Signature:	a belief.	1.0/1	1, ,	1		Approx				OLT DI	, 101011
rinted name:	oh	UU)	Jand	ev		Ybbron	(3)	JUINAL SIG			
/_	John	Alexan	der			Title:	·	OIL & GAS	INSPE	CTOR, DIS	1. #3
litle:	Vice	-Presid				Vbbtor	al Date:	JAN 2	0 19	998	
	/19/98			505) 325							
" If this is a	change of o	perator fill in	n the OGRID nu	mber and nam	e of the prev	ious opei	ator				
·-···	Previous	Operator Si	gnature			D-2	ted Name			97.1	
			-				,/411146			Title	Date