L. CONTL LUN DARLES P. O. Box 2088 ADMINISTRATIVE ORDER STATE OF NEW MEXICO SANTA FE, NEW MEXICO 80 ERGY AND MINERALS DEPARTMENT . 87501 NFL -INFILL DRILLING FINDINGS PURSUANT TO SECTION 271.305(b) OF THE FEDERAL ENERGY REGULATORY COMMISSION REGULATIONS, NATURAL GAS POLICY ACT OF 1978 AND OIL CONSERVATION DIVISION ORDER NO. R-6013-A Well Name and No. E. F. King Well No. 1 John Yuronka erator 31 **Twp.** 22S ation: Unit M Sec. Rng. 37E Cty. Lea E DIVISION FINDS: That Section 271.305(b) of the Federal Energy Regulatory Commission Regulations promulgated rsuant to the Natural Gas Policy Act of 1978 provides that, in order for an infill well to qualify a new onshore production well under Section 103 of said Act, the Division must find that the fill well is necessary to effectively and efficiently drain a portion of the reservoir covered the proration unit which cannot be so drained by any existing well within that unit. That by Order No. R-6013-A, dated February 8, 1980, the Division established an administrative cedure whereby the Division Director and the Division Examiners are empowered to act for the vision and find that an infill well is necessary. Jalmat That the well for which a finding is sought is completed in the Pool, and the standard spacing unit in said pool is 640 acres. 160 -acre proration unit comprising the _____ SW/4That a 22S , Rng. 37E , is currently dedicated to the Sec. -31 E. F. King Twp. Well No. 1 М of said section. located in Unit That this proration unit is () standard (x) nonstandard; if nonstandard, said unit was previously proved by Order No. R-520 That said proration unit is not being effectively and efficiently drained by the existing ll(s) on the unit. That the drilling and completion of the well for which a finding is sought should result in e production of an additional 1,320,000 MCF of gas from the protation unit which would not nerwise be recovered. That all the requirements of Order No. R-6013-A have been complied with, and that the well r which a finding is sought is necessary to effectively and efficiently drain a portion of the servoir covered by said proration unit which cannot be so drained by any existing well within the ίŧ. That in order to permit effective and efficient drainage of said proration unit, the subject plication should be approved. IS THEREFORE ORDERED: That the applicant is hereby authorized to drill the well described in Section I above as an ill well on the existing proration unit described in Section II(4) above. The authorization r infill drilling granted by this order is necessary to permit the drainage of a portion of the servoir covered by said proration unit which cannot be effectively and efficiently drained by vexisting well thereon. That jurisdiction of this cause is retained for the entry of such further orders as the vision may deem necessary. , **19** ⁸³ November 17th NE at Santa Fe, New Mexico, on this day, of 11 12 DIVISION DIRECTOR EXAMINER



STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

TONEY ANAYA GOVERNOR

November 21, 1983

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-5800

John Yuronka 102 Petroleum Building Midland, Texas 79701

> Re: Amendment to Administrative Order No. NFL-80

Dear Mr. Yuronka:

It appears to the New Mexico Oil Conservation Division that the subject Administrative Order dated November 17, 1983, does not correctly state the intended order of the Division due to an error. The subject Order is shown to be issued to John Yuronka's E. F. King Well No. 1 located in Unit M, Section 31, Township 22 South, Range 37 East, Lea County, New Mexico. This is hereby corrected to show the Order issued to John Yuronka's E. F. King Well No. 3, located in Unit M of said Section 31.

Sincerely

MICHAEL E. STOGNER Petroleum Engineer

MES/fd

cc: N.M.O.C.D. Hobbs



STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

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Sincerely

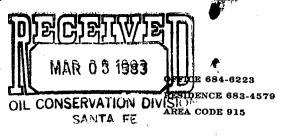
MICHAEL E. STOGNER Petroleum Engineer

MES/fd

cc: N.M.O.C.D. Hobbs

	OIL CONSERVATION DIVISION P. O. Box 2088 SANTA FE, NEW MEXICO 87501	I Application A	unived 3/3/83
•	OIL CONSERVATION DIVISION P. O. Box 2088 SANTA FE. NEW MEXICO	Dot Proces B	nehality
	P. O. Box 2088	2 ADM II	NISTRATIVE ORDER
STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT	SANTA FE, NEW MEXICO 87501	NFL	80
		•	
SECTION 271.30	5(b) OF THE FEDERAL ENERGY	REGULATORY	•
AND OIL CONSER	ATIONS, NATURAL GAS POLICY . VATION DIVISION ORDER NO. R	ACT OF 1978 -6013-A	•
I.	•		•
Operator John Yuronka	Well Name and No	F.F. King Well No. 1	, ·
I. Operator <u>John Yuronka</u> Location: Unit <u>M</u> Sec. <u>31</u> Twp	225 Rng. $37E$	Sty. hea	
II.		•	
THE DIVISION FINDS:			
(1) That Section 271.305(b) of the I	ederal Energy Regulatory Co	mmission Regulation	s promulgated
pursuant to the Natural Gas Policy Ad as a new onshore production well unde infill well is necessary to effective by the proration unit which cannot be	ct of 1978 provides that, in er Section 103 of said Act, aly and efficiently drain a a so drained by any existing	n order for an infil the Division must f portion of the rese y well within that u	l well to qualify ind that the rvoir covered nit.
(2) That by Order No. R-6013-A, date procedure whereby the Division Direct Division and find that an infill well	for and the Division Examine I is necessary.	ers are empowered to	act for the
(3) That the well for which a finding	ng is sought is completed in	the Jalmat	
Pool, and the standard	spacing unit in said pool	is <u>640</u>	acres.
(4) That a <u>160</u> -acre pu	coration unit comprising the	50/4	
of Sec. <u>31</u> , Twp. <u>225</u> , R			F.F. King
_ Well No. / locate			
(5) That this proration unit is () approved by Order No. $R-520$	standard (X) nonstandard;	f nonstandard, said	unit was previousl
(6) That said proration unit is not well(s) on the unit.	being effectively and effic	iently drained by t	he existing
(7) That the drilling and completion			
the production of an additional/ otherwise be recovered.	<u>320,000 MCF of gas from</u>	a the proration unit	which would not
(8) That all the requirements of Ord for which a finding is sought is nece reservoir covered by said proration u unit.	essary to effectively and effe	ficiently drain a p	ortion of the
(9) That in order to permit effectiv application should be approved.	ve and efficient drainage of	said proration uni	t, the subject
IT IS THEREFORE ORDERED:			•
(1) That the applicant is hereby aut infill well on the existing proration for infill drilling granted by this of reservoir covered by said proration to any existing well thereon.	unit described in Section order is necessary to permit	II(4) above. The a the drainage of a	uthorization portion of the
(2) That jurisdiction of this causeDivision may deem necessary.	is retained for the entry of	of such further orde	rs as the .
DONE at Santa Fe, New Mexico, on this	day of	, 19	•
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	DIVISION DIRECTOR	EXAMINER	·
	PIATPION PIRECION -		
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JOHN YURONKA CONSULTING PETROLEUM ENGINEER 102 PETROLEUM BUILDING MIDLAND, TEXAS 79701



March 1, 1983

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State of New Mexico Energy & Mineral Dept. Oil Conservation Division P. O. Box 2088 State Land Office Bldg. Santa Fe, NM 87501

Attn: Michael E. Stozner

Re: Wellhead price ceiling determination, NGPA of 1978

Gentlemen:

Per your request dated December 21, 1982, attached you will find the requested information.

If you require further information, please advise.

Yours very truly,

John Yuronka

JOHN YURONKA

<u>I</u> <u>N</u> <u>D</u> <u>E</u> <u>X</u>

- 1. Form Letter
- 2. Structure Map On Top Of Yates
- 3. O. C. D. Order No. R-7043
- 4. Form C-103
- 5. Production History
- 6. Well History
- 7. Form C-101
- 8. Form C-128
- 9. Volumetric Calculations (2 Pages)



STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

BRUCE KING GOVERNOR

John Yuronka 102 Petroleum Bldg. Midland, Texas 79701

RECEIVED JAN 8 7 1983 تحتدث تتست وتأذاذ

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434

Re: Well head price ceiling determination, NGPA of 1978

Gentlemen:

The New Mexico Oil Conservation Division has received your application for a wellhead price ceiling category determination under the sections(s) of the Natural Gas Policy Act of 1978 indicated below if your application is incomplete, forms are attached hereto, indicating the documents and further information which must be filed before your application can be considered. If your application is complete, it will be acted upon administratively unless written objection is received within 15 days of its filing.

WELL NAME AND LOCATION E.F. King #3-M 31-22S-37E SECTION (S) APPLIED FOR 103 DATE APPLICATION RECEIVED December 20, 1982 This well appears to be an Infill Well to the Delport Oil APPLICATION INCOMPLETE Corp. F.F. King Well No. 1. Please file for a infill well finding pursuant to N.M.O.LA Order No. R- 6013-A. (Rule 13)

Sincerely,

December 21, 1982 DATE:

Mihael E. Stormer

NOTE:

THIS FORM LETTER MUST ACCOMPANY TWO COPIES OF THE SUPPLEMENTARY INFORMATION.

STATE OF NEW MEYTCO ENERGY AND MINERALS L ARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

> CASE NO. 7624 Order No. R-7043

APPLICATION OF JOHN YURONKA FOR AN UNORTHODOX GAS WELL LOCATION AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on July 21, 1982, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this <u>28th</u> day of July, 1982, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, John Yuronka, requested dismissal of that portion of this case relating to compulsory pooling.

(3) That the applicant now seeks approval of an unorthodox gas well location 990 feet from the South line and 330 feet from the West line of Section 31, Township 22 South, Range 37 East, NMPM, Jalmat Gas Pool, Lea County, New Mexico.

(4) That the SW/4 of said Section 31 is to be dedicated to the well.

(5) That a well at said unorthodox location will better enable applicant to produce the gas underlying the proration unit.

(6) That no offset operator objected to the proposed unorthodox location.

-2-Case No. 7624 Order No. R-7043

(7) That approval of the subject application will afford the applicant the opportunity to produce its just and equitable share of the gas in the subject pool, will prevent the economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and will otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the application of John Yuronka for an unorthodox gas well location is hereby approved for a well to be located at a point 990 feet from the South line and 330 feet from the West line of Section 31, Township 22 South, Range 37 East, NMPM, Lea County, New Mexico.

(2) That the SW/4 of said Section 31 shall be dedicated to the above-described well.

(3) That that part of this case calling for the compulsory pooling of all mineral interests in the Jalmat Gas Pool underlying the SW/4 of said Section 31 is hereby dismissed.

(4) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION me JOE D. RAMEY, Director

SEAL

STATE OF NEW MEXICO	الگ
ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION	
BANTA PE P. O. BOX 2088 SANTA PE SANTA FE, NEW MEXICO B7SWAR ()	3 1983 Revised 10-1-73
	TION DIVISION - For XX
	TA FE S. State Oil & Gas Lease No.
SUNDRY NOTICES AND REPORTS ON WELLS	
BIL SAB WELL XX OTHER.	7, Unit Agreement Name
2. Name of Operator	8. Farm or Lease liame
Dalport Oil Corporation J. Address of Operator	E. F. King
3471 First National Bank Bldg., Dallas, TX 75202	#1
4. Location of Well	10. Field and Pool, or Wildcat
WHIT LETTER M 660 FEET FROM THE South LINE AND 660	reer raom Jalmat
West LINE, SECTION 31 TOWNSHIP 22-S RANGE 37-E	—*****
15. Elevation (Show whether DF, RT, GR, etc.)	12. County
All 11111111111111111111111111111111111	
Check Appropriate Box To Indicate Nature of Notice, Report NOTICE OF INTENTION TO:	rt or Uther Data EQUENT REPORT OF:
PERFORM REMEDIAL WORK REMEDIAL WORK	
TEMPORARILY ABANDON	PLUG AND ABANDONMENT
PULL OR ALTER CASING GHANGE PLANS CABING TEST AND CEMENT JOB	
67 H E	
17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, work) SEE RULE 1 103.	including estimated date of starting any proposed
This well was plugged as follows:	
1. A Bridge Plug was set at 2835' w/50' of ceme	nt above it.
2. The two stage tool was found at 1664'. A 22 set from 1750' to 1525'.	5' cement plug was
	• • • • • • • • • • • • • • • • • • •
3. A 10 sx. plug was set at the surface w/a mar	ker.
This work was performed January 10 and 11, 1983.	
This well has been replaced by the John Yuronka E. F. producing into the EPNG system on January 7,	King Well #3 that began 1983.
18.1 hereby certify that the information above is true and complete to the best of my knowledge and belief.	
(John Guronker me Authorized Agent	DATE 1-17-83
TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY:	

SPECIAL RULES AND REGULATIONS NATURAL GAS POLICY ACT INFILL FINDINGS Administrative procedure (Amended February 8, 1980)

A. DEFINITIONS

RULE 1. For purposes of this administrative procedure only, the following definitions are adopted:

- a. Infill well: An additional well which has been drilled for production on an established proration unit.
- B. APPLICABILITY

RULE 2. These special rules and regulations shall apply to effective and efficient drainage findings for completed infill wells pursuant to Section 271.305 of the final Rules and Regulations of the Federal Energy Regulatory Commission relating to Section 103 of the Natural Gas Policy Act of 1978. (These special rules and regulations do not apply to infill wells drilled in the Blanco Mesaverde or Basin-Dakota Pools. Infill wells in these two pools are covered by Rule 15 B of the "Special Rules for Applications for Wellhead Price Ceiling Category Determinations" promulgated by Division Order No. R-5878 as amended by Order No. R-5878-A.)

C. JUSTIFICATION FOR FINDINGS

- RULE 3. The Division Director or a Division Examiner may find that an infill well is necessary:
 - a. upon a showing by the operator that an additional well is needed to effectively and efficiently drain a portion of the reservoir covered by the proration unit which cannot be so drained by any existing well within that unit, and

b. upon receipt of waivers from all offset operators, or if no offset operator has entered an objection to the infill finding within 20 days after receipt of the application by the Director.

RULE 4. The Director may set any application for hearing at his discretion or at the request of an applicant.

Exhibit A Order R-6013-A D... FILING REQUIREMENTS

RULE 5. Each applicant shall submit a copy of the approved Form C-101 for the infill well and Form C-102 showing the proration unit dedicated.

RULE 6. Applicant shall give the name of the pool in which the infill well has been drilled and the standard spacing unit size therefor.

RULE 7. If applicable, the applicant shall give the number of the Division order approving the non-standard proration unit dedicated to the well.

RULE 8. The applicant shall submit a description of all wells drilled on the proration unit (including the completed infill well) which are or have been completed in the same pool or reservoir as the proposed infill well showing:

a. lease name and well location;

b. spud date;

c. completion date;

d. a description of any mechanical problems experienced along with a summary of remedial action(s) taken and the results obtained;

e. the current rate of production/ and

f. date of plug and abandonment, if any;

g. a clear and concise statement indicating why the existing well(s) on the proration cannot effectively and efficiently drain the portion of the reservoir covered by the proration unit.

RULE 9. The applicant shall submit geological and engineering information sufficient to support a finding as to the necessity for an infill well including:

a. formation structure map

b. • the volume of increased ultimate recovery expected to be obtained and a narrative describing how the increase was determined

- c. any other supporting data which the applicant deems to be relevant which may include:
 - (1) porosity and permeability factors
 - (2) production/pressure decline curves
 - (3) effects of secondary recovery or pressure maintenance operations -
- RULE 10. Applications for infill findings shall be filed in duplicate with the Santa Fe office of the Division.

RULE 11. All operators of proration or spacing units offsetting the unit for which an infill finding is sought shall be notified of the application by certified or registered mail, and the application shall state that such notification has been given.

JOHN YURONKA CONSULTING PETROLEUM ENGINEER 102 PETROLEUM BUILDING MIDLAND, TEXAS 79701

OFFICE 684-6223 RESIDENCE 683-4579 AREA CODE 915

PRODUCTION HISTORY DALPORT OIL CORPORATION E.F. KING WELL NO. 1 SW/4 SW/4 Sec. 31, T22S, R37E LEA COUNTY, NEW MEXICO

			•	
	Annual Production MCF	Monthly Average MCF	Cumulative Production MCF	BHP (Date)
1977	18,491	1,541	3,330,911	164.2 (8/23)
1978	17,327	1,444	3,348,238	(8/23) 163.2 (8/29)
1979	12,106	1,009	3,360,344	153.2 (9/5)
1980	11,547	962	3,371,891	152.2 (8/20)
1981	2,532	211	3,374,423	155.2 (7/21)
1982 (11 Mos.)	2,975	270	3,377,401	N/A

Well was shut-in on December 31, 1982, and was plugged and abandoned on January 11, 1983. It was replaced by the John Yuronka E. F. King Well No. 3 that began producing on January 7, 1983.

JOHN YURONKA CONSULTING PETROLEUM ENGINEER 102 PETROLEUM BUILDING MIDLAND, TEXAS 79701

OFFICE 684-6223 RESIDENCE 683-4579 AREA CODE 915

WELL HISTORY DALPORT OIL CORPORATION

E.F. KING WELL NO. 1

Completed as Jalmat Gas Well 11/50. Elev. 3418' DF. 5-1/2" @ 2878'. Top of Yates: 2960'. Top of 7 Rivers: 3160'. TD 3500'. Shot Open Hole W/500 qts. of nitro 3050'-3300'.

Workover 1/54: Cleaned out open hole to 3457'.

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Workover 1/58: Cleaned out to 3350'. Frac with 20,000 gals. oil and 20,000# of sand.

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• ` <u>.</u>					31-11	25-21924
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DISTRIBUTION	NEW	MEXICO OIL			Form C-101	
SANTA FE)		Revised 1-1-6	
FILE			MAR 0 3 1983		5A. Indicate	Type of Lease
U.S.G.S.				וחו	STATE	XX
LAND OFFICE		حات ا	NONCEPHATION DIVIS		.5. State Oil 6	Gas Lease No.
OPERATOR		OIL (CONSERVATION DIVIS	SIUN		
•		· .	SANTA FE			
APPLICATIO	N FOR PERMIT TO	DRILL, DEEPEN	I, OR PLUG BACK	1.4	////////	
la. Type of Work			· · · · · · · · · · · · · · · · · · ·		7. Unit Agree	ment Name
DRILL XX	. .					
b. Type of Well		DEEPEN	PLUG E		8. Farm or Le	ase Name
OIL GAS WELL	O,HER		SINGLE THE MUL	ZONE	E. F.	King
2. Name of Operator	4 U.NEN	<u> </u>	ZONE ILA	ZONE	9. Well No.	NING
John Vuronka		•		• •	••••	2
John Yuronka 3. Address of Operator	1				10 Field and	Pool, or Wildcat
	m Building,	Midland TV	70701			
					Jalma	
UNIT LETTE	LOC	ATED	FEET FROM THE	LINE	AIIIIIIA	
AND 330 FEET FROM	THE West LIN	E OF SEC. 31	<u> </u>	7_17		
AND JJU FEET FROM			TWP. 22-S NEE. 37		12. County	
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	linnhinn	<u>iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii</u>	<u>3600' Y</u>	ates &	_7_Rive	rs Rotary
21. Elevations (Show whether DF,			21B. Drilling Contractor		1	Date Work will start
<u>3409.4'GL</u>	F1	led	Rod Ric Corp.	<u> </u>	9-1	0-82
23.	P	ROPOSED CASING A	ND CEMENT PROGRAM			
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SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOO		SACKS OF	CEMENT	EST. TOP
12-1/4"	8-5/8"	23#	400	325		<u>Circ.</u>
7-7/8"	5-1/2"	14#	3600	675		<u>Circ</u>
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IN ABOVE SPACE DESCRIBE PR	OPOSED PROGRAM: IF	PROPOBAL IS TO DEEPEN	OR PLUG BACK, GIVE DATA DR	PRESENT PRO	DUCTIVE ZONE	AND PROPOSED NEW PRODUC-
Theshe and the the formation	n shows is true and same	lete to the heat of	knowledge and belief.		······	
I hereby certify that the informatic	V. above is the succoul	Acte to the Dest Of My				
sing John 11	uronka	-Tule Author	rized Agent		Date 8-31	L-82
Signed				······	نیند میں ۲۰۰۰ 1993 کے میں م	
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	AL SIGNED BY			-	SEP	7 1982

APPROVED BY JERRY SECTON CONDITIONS OF APPROVAL IF ANYI DISTRICT | SUPR _____

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	YURONKA			E.F	. KING	OIL CO)NSERVATI SANTA	ON DIVISIO	ື 3	
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JOHN YURONKA CONSULTING PETBOLEUM ENGINHER 102 PETROLEUM BUILDING MIDLAND, TEXAS 79701

OFFICE 684-6223 RESIDENCE 683-4579 AREA CODE 915

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VOLUMETRIC CALCULATIONS

JOHN YURONKA

E.F. KING WELL NO. 3 SW/4 SW/4 SEC. 31, T22S, R37E LEA COUNTY, NEW MEXICO

INTERVAL	WEIGHTED AVERAGE POROSITY %	WEIGHTED AVERAGE VOID SPACE	WEIGHTED AVERAGE VOID SPACE MCF
3162'-3174' (12')	14.33	55.92	6.702
3174'-3180' (6')	7.00	46.50	1.361
3180'-3186 (6')	13.33	37.50	2.079
3186'-3196' (10')	6.00	37.90	1.585
3196'-3199' (3')	10.00	64.67	1.352
3199'-3217' (18')	6.17	48.28	4.003
3217'-3225' (8')	13.13	53.62	3.925
3225'-3239' (14')	5.57	34.28	1.864
3355'-3362' (7')	6.70	63.00	2.059
			24.930

Void Space = 100 - SW

Weighted Average Porosity and Water Saturation taken from Welex Computer Analyzed Log. Formula used:

Weighted Average Void Space (MCF) = 43,560 cf/a X 160 Acres X Porosity X Void Space

JOHN YURONKA

VOLUMETRIC CALCULATIONS

(PAGE TWO)

Following intervals were perforated but log shows 100% water and therefore not included in the above volumetric calculations:

3044'-3050' (6')			3108'-3113'	(5')
3064'-3072' (8')			3133'-3138'	
3080'-3084' (4')			3143'-3155'	(12')
3087'-3095' (8')			3294'-3301'	(7!)
	•	and the second	· · · ·	

Dalport E.F. King #1 BHP (7/21/81): 155.2 psia

Abandonment Pressure: 50 psia

Constant: 35.35BHT: 70° $\frac{35.35\times155}{70} = 78.28$ $\frac{35.35\times50}{70} = 25.25$

 $(78.28-25.25) \times 24,930 = 1,322,038$ Mcf to recover

Production for John Yuronka E. F. King Well No. 3

1/82 (25 days) = 4891

JOHN YURONKA CONBULING PETROLEUM BUILDING MIDLAND, TEXAS 79701 OIL CONSERVATION DIVISION

OFFICE 684-6228 RESIDENCE 688-4579 AREA CODE 915

i :

March 1, 1983

State of New Mexico Energy & Mineral Dept. Oil Conservation Division P. O. Box 2088 State Land Office Bldg. Santa Fe, NM 87501

Attn: Michael E. Stozner

Re: Wellhead price ceiling determination, NGPA of 1978

SANTA FE

Gentlemen:

Per your request dated December 21, 1982, attached you will find the requested information.

If you require further information, please advise.

John Muronba

John Yuroaka

JOHN YURONKA

INDEX

- 1. Form Letter
- 2. Structure Map On Top Of Yates
- 3. O. C. D. Order No. R-7043
- 4. Form C-103
- 5. Production History
- 6. Well History
- 7. Form C-101
- 8. Form C-128
- 9. Volumetric Calculations (2 Pages)

STATE OF NEW MEY'CO ENERGY AND MINERALS L ARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

> CASE NO. 7624 Order No. R-7043

APPLICATION OF JOHN YURONKA FOR AN UNORTHODOX GAS WELL LOCATION AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on July 21, 1982, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this <u>28th</u> day of July, 1982, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, John Yuronka, requested dismissal of that portion of this case relating to compulsory pooling.

(3) That the applicant now seeks approval of an unorthodox gas well location 990 feet from the South line and 330 feet from the West line of Section 31, Township 22 South, Range 37 East, NMPM, Jalmat Gas Pool, Lea County, New Mexico.

(4) That the SW/4 of said Section 31 is to be dedicated to the well.

(5) That a well at said unorthodox location will better enable applicant to produce the gas underlying the proration unit.

(6) That no offset operator objected to the proposed unorthodox location.

-2-Case No. 7624 Order No. R-7043

(7) That approval of the subject application will afford the applicant the opportunity to produce its just and equitable share of the gas in the subject sool, will prevent the economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and will otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

2.77

(1) That the application of John Yuronka for an unorthodox gas well location is hereby approved for a well to be located at a point 990 feet from the South line and 330 feet from the West line of Section 31, Township 22 South, Range 37 East, NMPM, Lea County, New Mexico.

(2) That the SW/4 of said Section 31 shall be dedicated to the above-described well.

(3) That that part of this case calling for the compulsory pooling of all mineral interests in the Jalmat Gas Pool underlying the SW/4 of said Section 31 is hereby dismissed.

(4) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION mer JOE D. RAMEY, Director

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SEAL

STATE OF NEW MEXICO ENERGY AND MILERALS DEPARTMENT	12 A
OIL CONSERVATION DIVISION	75-10
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SUNDRY NOTICES AND REPORTS ON WELLS DO NOT USE THIS FORM FOR THE PROPOSALE TO FRICE ON THE PLUE ON THE SUCH TO A DIFFERENT RESERVOIR. USE "THE PLUE ATION FOR THE PLUE ON THE SUCH THE POPALE.)	
1. 	7. Unit Agreement Nome
2. Name of Operator Dalport Oil Corporation	8. Fam or Lease Hame E. F. King
3. Address of Operator	9. Well No.
3471 First National Bank Bldg., Dallas, TX 75202	#1 10. Field and Pool, or Wildcon
WIT LETTER M 660 FEET FROM THE South LINE AND 660 FEET FROM	Jalmat
THE West LINE, BECTION 31 TOWNSHIP 22-S RANGE 37-E MMPM.	
All 15. Elevation (Show whether DF, RT, GR, etc.)	12. County
16. Check Appropriate Per To John Norma of Nation Person of Och	Lea AMM
Check Appropriate Box To Indicate Nature of Notice, Report or Oth NOTICE OF INTENTION TO:	REPORT OF:
	
PEUF AND ABANDON PLUG AND ABANDON REMEDIAL WORK	ALTERING CABING
PULL ON ALTER CABING	
et ut a	U
17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including	estimated date of station any managed
wpråj SEE RULE 1703.	
This well was plugged as follows:	
1. A Bridge Plug was set at 2835' w/50' of cement abo	ove it.
 The two stage tool was found at 1664'. A 225' cer set from 1750' to 1525'. 	nent plug was
3. A 10 sx. plug was set at the surface w/a marker.	
This work was performed January 10 and 11, 1983.	
This well has been replaced by the John Yuronka E. F. King	Well #3 that hegan
producing into the EPNG system on January 7, 1983.	•
	•
18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.	
(John Unonlice Authorized Agent	SATE 1-17-83
	<u>', 1997, 1997, 1997, 1997, 1997, 1997, 1997</u> , 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1
4PPs prs p av	DATE
EONDITIONS OF APPROVAL, IF ANVI	

JOHN YURONKA CONSULTING PETROLEUM ENGLANE 102 PETROLEUM BUILDING MIDLAND, TEXAS 79701

OFFICE 684-6223 RESIDENCE 688-4579 AREA CODE 915

PRODUCTION HISTORY DALPORT OIL CORPORATION E.F. KING WELL NO. 1 SW/4 SW/4 Sec. 31, T22S, R37E LEA COUNTY, NEW MEXICO

			and the second	
	Annual Production MCF	Monthly Average MCF	Cumulative Production MCF	BHP (Date)
1977	18,491	1,541	3,330,911	164.2 (8/23)
1978	17,327	1,444	3,348,238	163.2 (8/29)
1979	12,106	1,009	3,360,344	153.2 (9/5)
1980	11,547	962	3,371,891	152.2 (8/20)
1981	2,532	211	3,374,423	155.2 (7/21)
1982 (11 Mos.)	2,975	270	3,377,401	N/A

Well was shut-in on December 31, 1982, and was plugged and abandoned on January 11, 1983. It was replaced by the John Yuronka E. F. King Well No. 3 that began producing on January 7, 1983.

JOHN YURONKA CONSULTING PETROLEUM ENGINEER 102 PETROLEUM BUILDING MIDLAND, TEXAS 79701 OFFICE 684-6223 RESIDENCE 683-4579 AREA CODE 915

WELL HISTORY

DALPORT OIL CORPORATION

E.F. KING WELL NO. 1

Completed as Jalmat Gas Well 11/50. Elev. 3418' DF. 5-1/2" @ 2878'. Top of Yates: 2960'. Top of 7 Rivers: 3160'. TD 3500'. Shot Open Hole W/500 qts. of nitro 3050'-3300'.

Workover 1/54: Cleaned out open hole to 3457'.

Workover 1/58: Cleaned out to 3350'. Frac with 20,000 gals. oil and 20,000# of sand.

		1				2. 1	25-27924
NO. OF COPIES RECEIVED	7	((20-01	25-21/21
DISTRIBUTION		NEW	MEXICO OIL HONSE	PARTINE COMILE		Form C-101	
SANTA FE						Revised 1-1-	65
FILE				1100 0 0 4000		5A. Indicate	e Type of Lease
U.S.G.S.				MAR 0 3 1983		BTATE	- m 🕅
LAND OFFICE			295	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		.5. State Off	6 Gas Lease No.
OPERATOR			OIL CO	DNSERVATION DIVI	SION		
• <u>••••</u> •••••••••••••••••••••••••••••••	······································			SANTA FE	· ·		
APPLICATIO	ON FOR PE	RMIT TO	DRILL, DEEPEN,	OR PLUG BACK	· · · · · · · · · · · · · · · · · · ·		
1a. Type of Work						7. Unit Agre	ement Name
b. Type of Well DRILL	x .			PLUG		8. Form or L	
L L	5		•	8)8615 -			
OIL GAS WELL WELL X	A 0.1H	ER	·	BINGLE TY MU	ZONE		. King
			•			9. Well No.	•
John Yuronka	a		·	· · · · · · · · · · · · · · · · · · ·			3
	_ / _	• •					d Poc!, or Wildcat
	um Buile	ling,	Midland, TX	79701		Jalma	at Gas
4. Location of Well UNIT LETT	znM	LOC	ATED 990	TEET FROM THE SOLL	hLINE		
AND 330 FEET FROM	THE WEST			WP. 22-5 REE. 3			
		inni.				12. County	***************************************
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	<u>IIIIIII</u>	IIIII				IIIIII	
		//////					
	<u>IIIIIII</u>	<u>IIIII</u>		19. Proposed Depth	19A. Formation		20. Rotary or C.T.
	///////			3600'	Xates &	7 Rive	rs Rotary
21. Elevations (Show whether DI	F, RT, etc.)	21A. Kind	& Stotus Plug. Bond	21B. Drilling Contractor		22. Appros	. Date Work will stort
3409.4 GL		🕆 Fi	led	Rod Ric Corp	•	9-1	0-82
23.		P	ROPOSED CASING AN		······································		
SIZE OF HOLE	SIZE OF	CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF	CEMENT	EST. TOP
12-1/4"	8-5	/8"	23#	400'	325		Circ.
7-7/8"	5-1	/2"	14#	3600'	675		Circ.
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Shaffer B 10" Series 900 Type E Hydraulic B.O.P. 3000# Working Pressure

APPROVAL VALID FOR <u>180</u> DAYS PERMIT EXPIRES <u>3/1/83</u> UNLESS DRILLING UNDERWAY

hereby certify that the information above is true and complete to th	is best of my knowledge and belief.	. · · ·
ined John Gurontea Tile_	Authorized Agent	Date 8-31-82
(This space for State Use)		SEP 7 1982
ORIGINAL SIGNED BY		
DISTRICT SUPR		

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Operator		All dist	ances must be fr	the sur	er boundaries of t	ne seriline	CONSERVA	TION DWISION	
JOHN YU	RONKA				.F. KING		SANT	A FE 3	· ·
Unit Letter Se M	ction 31	Township	22 South	Ranc	- 37 East	County	Lea		
Actual Footage Locatio		I	ZZ SUULI	. <u> </u>	JI BEBL	· - · · · · · · · ·	LEE	·····	
	eet tion. the	outh	line and	330	taet	from the	West	line	
Ground Level Elev. 3409.4	Producing For Tansill,		7 River	Pool .	Jalmat G	Gas		160	heres
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\$101.	· · · · · · · · · · · · · · · · · · ·								
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	• •						JOHN I	uronka	<u> </u>
· ·							August	23, 1982	
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JOHN YURONKA CONSULTING PETBOLEUM ENGINEER 102 PETROLEUM BUILDING MIDLAND, TEXAS 79701

OFFICE 684-6228 RESIDENCE 683-4579 AREA CODE 915

VOLUMETRIC CALCULATIONS

JOHN YURONKA E.F. KING WELL NO. 3

SW/4 SW/4 SEC. 31, T22S, R37E

LEA COUNTY, NEW MEXICO

INTERVAL	WEIGHTED AVERAGE POROSITY %		WEIGHTED AVERAGE VOID SPACE	WEIGHTED AVERAGE VOID SPACE MCF	
3162'-3174' (12')	14.33		55.92	6.702	
3174'-3180' (6')	7.00		46.50	1.361	
3180'-3186 (6')	13.33		37.50	2.079	
3186'-3196' (10')	6.00		37.90	1.585	
3196'-3199' (3')	10.00		64.67	1.352	
3199'-3217' (18')	6.17		48.28	4.003	
3217'-3225' (8')	13.13		53.62	3.925	
3225'-3239' (14')	5.57		34.28	1.864	
3355 '- 3362' (7')	6.70	· · ·	63.00	2.059	
	:			24.930	

Void Space = 100 - SW

Weighted Average Porosity and Water Saturation taken from Welex Computer Analyzed Log. Formula used:

> Weighted Average Void Space (MCF) = 43,560 cf/a X 160 Acres X Porosity X Void Space

JOHN YURONKA

< 1 ...

VOLUMETRIC CALCULATIONS

(PAGE TWO)

Following intervals were perforated but log shows 100% water and therefore not included in the above volumetric calculations:

3044'-3050'	(6')		3108'-3113' (5')
3064'-3072'	(8)	· .	3133'-3138' (5')
3080'-3084'	(4')	· . ·	3143'-3155' (12')
3087 '- 3095'	(8')		3294'-3301' (7')

Dalport E.F. King #1 BHP (7/21/81): 155.2 psia

Abandonment Pressure: 50 psia

Constant: 35.35BHT: 70° $\frac{35.35\times155}{70} = 78.28$ $\frac{35.35\times50}{70} = 25.25$

 $(78.28-25.25) \times 24,930 = 1,322,038$ Mcf to recover

Production for John Yuronka E. F. King Well No. 3

1/82 (25 days) = 4891