CASE 6241: YATES PETROLEUM CORP. Tics.
FOR DOWNHOLE COMMINGLING, EDDY
COUNTY, NEW MEXICO

CASE NO.

624/

APPlication,
Transcripts,
Small Exhibits,

ETC.

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

JERRY APODAÇA GOVERNOR

NICK FRANKLIN SECRETARY

Other

August 25, 1978

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

Re: Mr. Joel M. Carson Losee, Carson & Dickerson Attorneys at Law P. O. Drawer 239 Artesia, New Mexico 88210	CASE NO. 6241 ORDER NO. R-5789 Applicant:
	Yates Petroleum Corporation
Dear Sir:	
Enclosed herewith are two c Division order recently ent	opies of the above-referenced ered in the subject case.
Yours very truly, JOE D. RAMEY	
Director	
JDR/fd	E .
Copy of order also sent to:	
Hobbs OCC X Artesia OCC X Aztec OCC	

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

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

CASE NO. 6241 Order No. R-5789

APPLICATION OF YATES PETROLEUM CORPORATION FOR DOWNHOLE COMMINGLING, EDDY COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on August 2, 1978, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NCW, on this 25th day of August, 1978, the Division Director, having considered the record and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

That the applicant's request for dismissal should be granted.

IT IS THEREFORE ORDERED:

That Case No. 6241 is hereby dismissed.

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

> STATE OF NEW MEXICO OIL CONSERVATION DIVISION

JOE D. RAMEY,

Director

dr/

		Page	
	1 2 3	STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION State Land Office Building Santa Fe, New Mexico	
		2 August 1978	
	4	EXAMINER HEARING	and a second control of the second control o
	5	DATE TIDE TEARING	
	6	IN THE MATTER OF:))
	7)
	8	Application of Yates Petroleum Corporation for downhole commingling, Eddy County, New Mexico.) CASE 6241
s	9)
96.36	10		. <u></u>
BOYD EPONTER • (505) 981		BEFORE: Daniel S. Nutter	
62 ~ _	11		
WALTON SHORTHAND Pe Road - Pholes, New Mexico	12		
C 2 2 "	13	TRANSCRIPT OF HEARING	
SALL) CERTIFIE CERTIFIE CERTIFIE Sente	14		
730	15	APPEARANCES	
			for the Division
	17	State Land Off Santa Fe, New	
	18		
	19		
	20		
er e	21		in all alternation (Allega) (Allega). But the control of the contr
	22		
	23		
₹.	24		
	25		

MR. NUTTER: We'll call Case Number 6241.

MS. TESCHENDORF: Case 6241. Application of Yates Petroleum Corporation for downhole commingling, Eddy County, New Mexico.

The applicant has also requested that this case be dismissed.

> MR. NUTTER: Case Number 6241 will be dismissed. (Hearing concluded.)

D		
rage	3	

REPORTER'S CERTIFICATE

I, SALLY WALTON BOYD, a Court Reporter, DO HEREBY CERTIFY that the foregoing and attached Transcript of Hearing before the Oil Conservation Division was reported by me; that said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability, knowledge, and skill from my notes taken at the time of the hearing.

i de hereby certify that the foregoing to a semplete record of the proceedings in the Examiner hearing of Case No. 6241

New Mexico Cil Conservation Commission

18

10

11

12

13

15

16

17

19 20

22

LAW OFFICES

A.J. LOSEE
JOEL M. CARSON
CHAD DICKERSON

LOSEE & CARSON, P.A. 300 AMERICAN HOME BUILDING

P. O. DRAWER 239 ARTÉSIA, NEW MEXICO 88210 AREA CODE 508

AUG - 7 1973

August 4, 1978

New Mexico Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87501

Attention: Ms. Lynn Teschendorf

Dear Lynn:

This letter will confirm our conversation of Tuesday, in which I requested that Causes Nos. 6285 and 6241 on the Commission Docket be dismissed.

Yours truly,

LOSEE, CARSON ADICKERSON, P.A.

JMC:pv

. M. Carso

Dockets Nos. 25-78 and 26-78 are tentatively set for hearing on August 16 and 30, 1978. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - AUGUST 2, 1978

9 A.M. - OIL CONSERVATION DIVISION CONFERENCE ROOM, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases will be heard before Daniel S. Nutter, Examiner, or Richard L. Stamets, Alternate Examiner:

CASE 6238: (Continued from June 21, 1978, Examiner Hearing)

Application of Barber Oil, Inc., for a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for its Saladar Unit Area comprising 240 acres, more or less, of Federal and fee lands in Township 20 South, Range 28 East, Eddy County, New Mexico.

CASE 6226: (Continued from June 21, 1978, Examiner Hearing)

Application of Barber Oil, Inc., for a waterflood project, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project on its Saladar Unit, by the injection of water into the Yates formation through five wells located in Units K, L, N and O of Section 33, Township 20 South, Range 28 East, Saladar-Yates Pool, Eddy County, New Mexico.

CASE 6283: Application of Texas Oil & Gas Corporation for a non-standard proration unit, Lea County, New Mexico.

Applicant, in the above-styled cause, seeks approval for a 320-acre non-standard gas proration unit comprising the W/2 of Section 16, Township 20 South, Range 36 East, North Osudo-Morrow Gas Pool, Lea County, New Mexico, to be dedicated to a well to be drilled at a standard location thereon.

CASE 6276: (Continued from July 19, 1978, Examiner Hearing)

Application of Jerome P. McHugh for an unorthodox gas well location, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of his Chris Well No. 4 to be drilled 1902 feet from the South line and 1650 feet from the East line of Section 9, Township 27 North, Range 3 West, Blanco Mesaverde Pool, Rio Arriba County, New Mexico, the S/2 of said Section 9 to be dedicated to the well.

Applicant further seeks authority to commingle Blanco Mesaverde and Gavilan-Pictured Cliffs production in the wellbore of said well.

CASE 6277: (Continued from July 19, 1978, Examiner Hearing)

Application of Jerome P. McHugh for downhole commingling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of Gavilan Pic ared Cliffs and Blanco Mesaverde production in the wellbores of his Chris Wells Nos. 3 and 3A, located in Units H and I of Section 21, Township 27 North, Range 3 West, Rio Arriba County, New Mexico.

CASE 6279: (Continued from July 19, 1978, Examiner Hearing)

Application of Hanagan Petroleum Corporation for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Morrow formation underlying the N/2 of Section 28, Township 21 South, Range 26 East, Avalon Hills-Morrow Pool, Eddy County, New Mexico, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

CASE 6284: Application of Harvey E. Yates Company for an unorthodox gas well location, Eddy County, New Mexico.

Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Welch "A" Well

No. 1 located 480 feet from the North line and 500 feet from the West line of Section 9, Township 18

South, Range 29 East, Eddy County, New Mexico, the W/2 of said Section 9 to be dedicated to the well.

CASE 6285: Application of Yates Petroleum Corporation for downhole commingling, Eddy County, New Mexico.

Applicant, in the above-styled cause, seeks authority to commingle Atoka and Permo-Penn gas production in the wellbore of its Federal "HQ" Well No. 1 located in Unit 0 of Section 5, Township 21 South, Range 22 East, Little Box Canyon Field, Eddy County, New Mexico.

(Continued from July 19, 1978, Examiner Hearing)

KSE 6241:

Application of Yates Petroleum Corporation for downhole commingling, Eddy County, New Mexico.
Applicant, in the above-styled cause, seeks authority to commingle Eagle Creek Permo-Penn and West
Atoka-Morrow gas production in the wellbore of its Powell DG Well No. 1 located in Unit O of Section
35, Township 17 South, Range 25 East, Eddy County, New Mexico.

Dockets Nos. 24-78 and 25-78 are tentatively set for hearing on August 2 and 16, 1978. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - JULY 19, 1978

9 A.M. - OIL CONSERVATION DIVISION CONFERENCE ROOM, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases will be heard before Richard L. Stamets, Examiner, or Daniel S. Nutter, Alternate Examiner:

- ALLOWABLE: (1) Consideration of the allowable production of gas for August, 1978, from fifteen prorated pools in Lea, Eddy, and Chaves Counties, New Mexico.
 - (2) Consideration of the allowable production of gas for August, 1978, from four prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.
- CASE 6274:

 In the matter of the hearing called by the Oil Conservation Division on its own motion to permit Shar-Alan Oil Company, The Travelers Indemnity Co., and all other interested parties to appear and show cause why the Lillian State Well No. 2-X located in Unit P of Section 2 and the Emma McDaniel Well No. 2 located in Unit G of Section 22, both in Township 24 North, Range 1 West, Rio Arriba County, New Mexico, should not be plugged and abandoned in accordance with a Division-approved plugging program.

(Continued from June 7, 1978, Examiner Hearing)

- Application of Yates Petroleum Corporation for downhole commingling, Eddy County, New Mexico.

 Applicant, in the above-styled cause, seeks authority to commingle Eagle Creek Permo-Penn and

 West Atoka-Morrow gas production in the wellbore of its Powell DG Well No. 1 located in Unit O

 of Section 35, Township 17 South, Range 25 East, Eddy County, New Mexico.
- Application of Delta Drilling Company for an unorthodox gas well location, Eddy County, New Mexico.

 Applicant, in the above-styled cause, seeks approval for the unorthodox gas well location of its

 Donaldson "A" Com. Well No. 1 located 1930 feet from the North line and 3 feet from the West

 line of Section 23, Township 23 South, Range 28 East, Strawn formation, Lucy County, New Mexico, the

 W/2 of said Section 23 to be dedicated to the well.
- CASE 6276: Application of Jerome P. McHugh for an unorthodox gas well location, Rio Arriba County, New Mexico.

 Applicant, in the above-styled cause, seeks approval for the unorthodox location of his Chris Well

 No. 4 to be drilled 1902 feet from the South line and 1650 feet from the East line of Section 9,

 Township 27 North, Range 3 West, Blanco Mesaverde Pool, Rio Arriba County, New Mexico, the S/2 of
 said Section 9 to be dedicated to the well.

Applicant further seeks authority to commingle Blanco Mesaverde and Gavilan-Pictured Cliffs production in the wellbore of said well.

- CASE 6277: Application of Jerome P. McHugh for downhole commingling, Rio Arriba County, New Mexico.

 Applicant, in the above-styled cause, seeks approval for the downhole commingling of Gavilan

 Pictured Cliffs and Blanco Mesaverde production in the wellbores of his Chris Wells Nos. 3 and 3A, located in Units H and I of Section 21, Township 27 North, Range 3 West, Rio Arriba County, New Mexico.
- CASE 6253: (Continued and Readvertised)

CASE 6241:

Application of Merrion & Bayless for a non-standard proration unit and unorthodox location, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval for a 366.44-acre non-standard gas proration unit comprising the W/2 of Sections 30 and 31, Township 26 North, Range 2 West, Blanco Mesaverde Pool, Rio Arriba County, New Mexico, to be dedicated to a well to be drilled at an unorthodox location 1650 feet from the North line and 750 feet from the East line of said Section 30.

- CASE 6278: Application of Consolidated Oil & Gas, Inc., for a dual completion and downhole commingling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion of its Jemmey Well No. 1-A located in Unit P of Section 13, Township 26 North, Range 4 West, Rio Arriba County, New Mexico, to produce gas from the Blanco Mesaverde Pool and the Basin-Dakota Pool and to commingle Greenhorn gas production with the aforesaid Dakota production in said well.
- Application of Hanagan Petroleum Corporation for compulsory pooling, Eddy County, New Mexico.

 Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Morrow formation underlying the N/2 of Section 28, Township 21 South, Range 26 East, Avalon Hills-Morrow Pool, Eddy County, New Mexico, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

Pa	ge		1	
)				
mussum		-		

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION State Land Office Building Santa Fe, New 'lexico 7 June, 1978

EXAMINER HEARING

IN THE MATTER OF:

Application of Yates Petroleum Corporation for downhole commingling Eddy County, New Mexico.

CASE 6241

BEFORE: Daniel S. Nutter

TRANSCRIPT OF HEARING

APPEARANCES

For the Oil Conservation Division:

Lynn Teschendorf, Esq. Legal Counsel for the Division State Land Office Building Santa Fe, New Mexico 87501

2

3

10

11

12

13

15

16

17

18

19

20

22

23

MR. NUTTER: Case 6241.

MS. TESCHENDORF: Case 6241. Application of Yates Petroleum Corporation for downhole commingling, Eddy County, New Mexico.

The applicant has requested that this case be continued to the July 19th Examiner Hearing.

MR. NUTTER: Case Number 6241 will be continued to the Examiner Hearing scheduled to be held at this time and place at 9:00 o'clock a. m., July 19, 1978.

(Hearing concluded.)

17

10

11

12

13

15

16

20

19

22

24

REPORTER'S CERTIFICATE

I, SALLY WALTON BOYD, a Court Reporter, DO HEREBY CERTIFY that the foregoing and attached Transcript of Hearing before the Oil Conservation Division was reported by me; that said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability, knowledge, and skill from my notes taken at the time of the hearing.

do nereby certify that the foregoins is complete record of the proceedings if



207 SOUTH FOURTH STREET ARTESIA. NEW MEXICO 88210 TELEPHONE (505) 746.3558

June 6, 1978

B. W. HARPER Sec Treas

.011 -7 1978

S. P. YATES
PRESIDENT

MARTIN YATES, III
VICE PRESIDENT

JOHN A. YATES
VICE PRESIDENT

Mr. Joe D. Ramey, Secretary-Director New Mexico Oil Conservation Commission Box 2088 Santa Fe, New Mexico 87501

Attn: Mr. Dan Nutter:

Re: Docket 20-78, Case 6241

Dear Dan:

Confirming our telephone conversation today, please continue Case No. 6241, downhole commingling in our Powell DG Well No. 1. I hope to have some more hearings set up for mid July, therefore we would appreciate having Case No. 6241, continued for July 19, 1978.

Thank you,

Your very truly,

YATES PETROLEUM CORPORATION

Eddie M. Mahfood

Engineer

EMM/ob

Dockets Nos. 21-78 and 22-78 are tentatively set for hearing on June 21 and July 6, 1978. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - JUNE 7, 1978

9 A.M. - OIL CONSERVATION DIVISION CONFERENCE ROOM, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases will be heard before Daniel S. Nutter, Examiner, or Richard L. Stamets, Alternate Examiner:

- CASE 6235: In the matter of the hearing called by the Oil Conservation Division on its own motion to permit
 Black Diamond Oil Company and all other interested parties to appear and show cause why the Well
 No. 1 located in Unit C of Section 27, Township 29 North, Range 11 West, San Juan County, New Mexico,
 should not be plugged and abandoned in accordance with a Division-approved plugging program.
- CASE 6236: In the matter of the hearing called by the Oll Conservation Division on its own motion to permit Bloomfield Oil 6 Gas Company and all other interested parties to appear and show cause why the C. Hare Well No. 3 located in Unit N of Section 15 and the H. D. Abrams Well No. 5 located in Unit E of Section 23, both in Township 29 North, Range 11 West, San Juan County, New Mexico, should not be plugged and abandoned in accordance with a Division-approved plugging program.
- CASE 6237: In the matter of the hearing called by the Oil Conservation Division on its own motion to permit Finley & Johansen and all other interested parties to appear and show cause why the Hare Well No. 1 located in Unit C of Section 22, Township 29 North, Range 11 West, San Juan County, New Mexico, should not be plugged and abandoned in accordance with a Division-approved plugging program.
- CASE 6238: Application of Barber Oil, Inc., for a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for its Saladar Unit Area comprising 240 acres, more or less, of Federal and fee lands in Township 20 South, Range 28 East, Eddy County, New Mexico.
- CASE 6226: (Continued from May 17, 1978 Examiner Hearing)

Application of Barber Oil, Inc. for a waterflood project, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project on its Saladar Unit, by the injection of water into the Mates formation through five wells located in Units K, L, N and O of Section 33, Township 20 South, Range 28 East, Saladar-Yates Pool, Eddy County, New Mexico.

- CASE 6239: Application of Robert N. Enfield for a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for his North Lake McMillan Unit Area comprising 3194 acres, more or less, of Federal and fee lands in Township 19 South, Ranges 26 and 27 East, Eddy County, New Mexico.
- CASE 6240: Application of Bass Enterprises Production Company for an unorthodox oil well location, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Navajo 20 Well No. 1, a Barker Creek oil test to be drilled 1190 feet from the South line and 2510 feet from the East line of Section 20, Township 27 North, Range 19 West, San Juan County, New Mexico, the SW/4 SE/4 of said Section 20 to be dedicated to the well.
- CASE 6241: Application of Yates Petroleum Corporation for downhole commingling, Eddy County, New Mexico.

 Applicant, in the above-styled cause, seeks authority to commingle Eagle Creek Permo-Penn and West Atoka-Morrow gas production in the wellbore of its Powell DG Well No. 1 located in Unit O of Section 35, Township 17 South, Range 25 East, Eddy County, New Mexico.
 - CASE 6242: Application of C & E Operators, Inc., for compulsory pooling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Pictured Cliffs formation underlying the SE/4 of Section 32, Township 32 North, Range 10 West; San Juan County, New Mexico, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the Well and a charge for risk involved in drilling said well.
- CASE 6243: Application of Caulkins Oil Company for four unorthodox gas well locations, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Breech "E" Wells Nos. 104 and 587, located in Unit P of Section 5 and Unit J of Section 4, respectively; and its Breech "A" Wells Nos. 207 and 679, located in Unit J of Sections 10 and 9, respectively, all in Township 26 North, Range 6 West, Blanco Mesaverde Pool, Rio Arriba County, New Mexico.

Cassumer in a second

Set for heering

PRESIDEN

MARTÍN YAT

VICE PRE



ARTESIA. NEW MEXICO 88210

TELEPHONE (505) 746.3558

May 9, 1978

MARTIN YATES, III VICE PRESIDENT JOHN A. YATES VICE PRESIDENT

B. W. HARPER

Case 6241

Mr. Joe C. Ramey Jr., Secretary-Director New Mexico Oil Conservation Commission Box 2088 Santa Fe, New Mexico 87501

Attn: R. L. Stamets

Re: Downhole Commingling

Powell DG No. 1, Eagle Creek -Permo Penn & W. Atoka-Morrow

Dear Richard:

Apparently this application for downhole commingling has been overlooked since I have not seen this case advertised for hearing. The remaining Morrow gas is very small and hardly merits a special hearing. We have a hearing coming up on May 17, and if this case can be heard on that day I'd be happy to go to Santa Fe then and testify. The offset operators were notified about two months ago by copy of the application.

The well is located in the south half of Section 35T 17S-25E. If the case must be advertised, then please schedule for the next docket.

Thank you.

Yours very truly,

YATES PETROLEUM CORPORATION

Eddie M. Mahfood

Engineer

EMM/ob



207 SOUTH FOURTH STREET ARTESIA. NEW MEXICO 88210 TELEPHONE (505) 746.3558

April 24, 1978

Joe D. Ramey, Secretary-Director New Mexico Oil Conservation Commission Drawer 2088 Santa Fe, New Mexico 87501

Downhole Commingling, 5374-No Powell DG, #1

d swith Dev John Dev 19th Comment of 102 102

S. P. YAILS PRESIDENT MARTIN YATES. III VICE PRESIDENT JOHN A. YATES VICE PRESIDENT B. W. HARPER SEC TREAS

Dear Sir:

Yates Petroleum Corporation, Artesia, New Mexico, Operator of the Powell DG #1, Unit O Section 35-17S-25E, a dual completion in the Eagle Creek Permo-Penn and West Atoka-Morrow seeks approval for downhole commingling. Dual completion was authorized under NMOCC Order R5386. Downhole commingling is permitted for the Eagle Creek Permo Penn but not for the West Atoka Morrow.

The Morrow has declined to about 30 mcfpd against 330 psi line pressure while the Permo Penn flows 200 mcfpd.

There is no water production and hydrocarbon fluids are compatible. A standing valve will be set in the lower packer to prevent loss of Permo-Penn fluids to the Morrow completion. Commingling will be achieved by retrieving the cross-over choke in the upper packer to allow both completions to flow through the tubing.

Offset operator, Superior Oil Company has been notified of this intent by copy of this application.

Commingling both completions will conserve a natural resource and prevent waste by eliminating fuel for extra heater and vapor losses from extra storage tanks.

Yours truly,

Yates PetroLeum Corporation

Yates PetroLeum Corporation

Eddie M. happy

Eddie M. Mahfood

Engineer

EMM/ob If they want heaving willcall

Revised 1-1-65

Operator			Pe	ol .						Cov	inly					
Yates Petroleum Com	co.			Eaα.	le Cr	eek - Pe	rm	o Peni	2		Edd	3v				
Address	***************************************		'					EOF	!	·····		· · · · · ·				
207 South 4th Stree	et. A	rtes	ia.	NM 8	8210		ES.	$r = \{x\}$	Sch	eduled [Comp	letion []	Spe	cial 🗔 🕝
	WELL	1		ATION		DATEOF	10	0.4045	700	DAILY	LENGTH	, Р	ROD. C	URING	TEST	GÁS - OIL
LEASE NAME	}						12	CHOKE		ALLOW-	TEST	WATER	GRAV.	OIL	GAS	RATIO
	NO.	U	\$	٢	R	TEST	Ě	SIZE	PRESS.	ABLE	HOURS	881.5.	OIL	SBLS.	M.C.F.	CU.FT/88
· · · · · · · · · · · · · · · · · · ·			,			-			· .							1
Federal CR	ĺ	М	29	1.75	25 E	3-2-78	F	8/64		•	24	0		0	132	
	_			7,0	292	3 2 , 70	-	0,04	700	•	24		•		132	İ
State CY	1	к	32	178	25 E	3-2-78	F	8/64	740		24	0.4		4.7	131	2205
	-	•		.~,~		3 2 70	^	0,.04	740	•	27	0.4 .		7.7	131	27.870
Powell DG Com	1	o	35	178	25 E	3-2-78	F	8/64	905		24	0		1.6	194	121250
	_			-, -	732	0 2 . 70	-	0,0-			~			1.0	134	1 71 520
				į		4.								-		Į
	·							'					٠,		•	·
							-		,	•						
		†		ļ.			•			•						
		∫		`.			1	{ ·	'			-		,	•	
. 3				1	[.									2		
							1								. ·	
						**	1	1								
						• .									•	
						•	-	•					*			
														·		
							l	[: '
		l	,	1		,									[.	
						* #1				1.		-				
<u> </u>	<u> </u>	<u>l</u>	<u>L</u>	<u> </u>	لـــــا			<u> </u>				<u> </u>				<u> </u>

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-ell ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15,025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mall original and one copy of this report to the district office of the New Mexico Oll Conservation Co

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature) Engineer

(Title) -78 (base)

NEW MEXICO OIL CONSERVATION COMMISSION GAS-OIL RATIO TESTS

C-116 Revised 1-1-65

Yates Petroleum Co	rp.		iyoo		coka	Morrow				Cou	Eddy					·
207 South 4th Stre	et, A	rtes	ia,	NM 8	38210			E OF (_ (X)	Sche	duled [Comp	letion []	\$205	in! 🗶
	WELL		LOCA	NOITA		DATEOF	. 3	CHOKE	TBG.		CHETH			URING		GAS - OIL
LEASE NAME	NO.	U	s	۲	R	TEST	27.2.7		PRESS.	ALLOW- ABLE	YCST MOURS	HATER BOLS.	GRAV. OIL	01L 88LS.	GAS M.C.F.	RATIO CU.FT/88L
Powell DG Com	1	О	35	175	25 E	3-2-78	3 F	13/6	400)	24	0	~-	. 0	43	
						·					- 1			,		
			,			-										
· · · · · · · · · · · · · · · · · · ·			-							4.					2	
	£1°	.~														
	, e-											w t				
			<u></u>											:		

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 pals and a temperature of 60° F. Specific gravity base

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Kall eriginal and one copy of this report to the district office of the New Mexico Oil Conservation 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature Engineer

17:40-3-6-78

THE STREET	Commence to 185 francis months into	THE CONTRACTOR OF THE PARTY OF		VILLEY, MESSEL SECTION	CASS RESIDENCE COST	G-contentions.		-52mm
A Vales O	6 1 80	1 7. 21.60 L.4611 110	Mycolnd: 699 1-3-73 7-1-91 0-3	Total Control		A R	TESIA I	
in the second	Notinera Gaz ve Jean bin etal	- Ystae Pets 9 : 1 : 64 16 : 1711 6 : 1711	Me Viacis	Hearing (A) To des political set of the file s	tot och borre beer	Total Per Boli	4 2 3 4 1 1	Spare T
18	17 9/41:35	16	Yoles Pelo Yeles	Yoles BAT VESTER		10150997	Votes Fer Lawayster Co.	16
		h Alyi h	0435900 2-C6 MA	4 (Co 0) AT 4 AT 0 7 6 7 0 6	745 (1375), 13765 Pet, (4.0.2579), (3.0.25		12 (4) (5) (4) (4) (6) (6) (7) (7) (7)	3 4 &: U
Flynn Evens U.S. ⇔to asa	u.s.	7:2:80; 1:453; Stell 17	25 San Marris	SAT WILLIAM	Silves Paisse Tates Pet.	Surf.		16.15
A.R.Co.	A.R.Co.	Yates Pet etal	Yates Pet, 12 gsfet	Solid Maritin	Certifia Grafacta A Acada 102 Police Pelicetot (Strand Park	Yofes Whis	16225 Jac
H-1-78 0558248	ossarea J. A. Yales :	Pubce No Not Your Day	"Fed." 6 BO" 03 0 2 2 2	12 14 (M.) (8 761) 12 (12)	Total Coly of Arras 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Chempinal Chempinal		
	Shallon & berger fi sche	Pubce No Koti Yates Pet, 3-29-81 Gas "1 etal Mrs. Neute Certes J. M. Jestsens M. Willis Teayler M.E. Methans	Yores Petries 7 65 3 67 37 10 Colores Petries 7 10 Colores Petries 7 10 Colores Petries 7 10 Colores Petries P	Eliverari) 126 - 5 - 1	City of Arrasis 2 247. C.F. Maiddrink S.L. Bergar	Sound Corn Fundación, vi 1.8. Chemplia de 13 de 12, via 118 Que 2 de 12, via	137876	EH Werd
M. Yates Kemper 2 1-61	M128 (M2C)	ofus Pet 12 Yorka Pet, elul sur 1 (4.75) (4.75) (4.75) (5.75) (7.75)	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	E.A. Behrendt	Yoles Pel. 26 Yorks Till Nich	TATAL YOUR SERVER	20#555	470 x 20
26.76	Yote: Pet. Tales Pel.	Line of Carmin Jat. Dane	PSO 3 1 V.M. Jackson 4 6 System Pet. 7	S Wonda 2 Mit Wirthell Winthell Vales Pet.	Yotes Pateral On Space La	SE Silged	Parmer Gones	1 C Cess
Hensen Wi	I IAAAA IND FIUAA BIBI	Willhamer of U.S.	5W 2	GSS'er (5) Last Creek	#2 2111 NavoaRai	Son E SR wer 7- 31 TI Perefet SEMOON AT Refet	DE Neerder hart	
Notes Pet Yotes M. Yaies HBP	Yales Pet	Yotes Petrico Consco	Seld of the seld o	Yates Peties Yates 28v HBP Petr.	Western Oil Yates Pet. etol 10 6507' 3 16 78	Yates Pet. Yoles Fet. 7) Navajo Ref. Co. 4 Muca hid 7)	Maddax Erergy Coquing 5 9-77 1 20 35 7 27-78	
0 8 8 8 1 mg	Gobie* KO. Firna elal surv	Aubreul 6 Yoffe 6 a	Yoles Pet issifification (Yoles Unique)	Yes J. H. Jeckson J	5000 1 16 78	1 1 1 1015 2 20 75 NOSECON DE 15000	Le cod L Fellond C. W. Arrabable	18/100
30 53 63 64 7 1	6.8.4381, £31, voltso	10 28 P20 P20	(M. Yotes /2) 3 XGS Per HBP	Yorken Say Ingram City	Flint 25 Ellen Stewart, 4.4	H.K. Nellogefol - Lelond Felite	9 - 27 - 78 1 - 9 - 75 1 -	War was
M.R.ROWORY	Yotes Signature Pet and	J.J. Grynberg 5. 15.79	us.	Yates Pet. etal	Signor Yotes Pet.	Navojo Ref. Co. 4 15-77 18-17 16 8-2-76 Helen Hemiles	Evelyn Wogarer, etol, M.L.	A 1 1000
Yates Pet etal	0411300 YOUNG 1 8701 TO THE PROPERTY OF THE PR	4 GR 2 GR (Yotes) 0 below2000 Borb.8.	Yates Pet, etal	DOM	Correspond American	An & Sacritist, elal	Yates 13-53 Amaco 8-17-78	Emilyh Morand Morand
Pel. Yoles Pel.	FESTER CONTRACT US	U.S. Fed Doregon	Ryth S. Maries	Wasdraw Gestell	Anna A (1977 AF J.M. Joekson	6 to Casiey Arteso Rog Con	KA Soulow Load Free Corne	Versin St. 1 J. Los
80 Hot 8 1 92	K-STO1 Votes,e101	Yates, etal Yates Pet, etal	Yotes Yotes HBP HBC HBC OSSO	Yotes Pet. etal Sr. Disc. Yotes Pet etal 1.7.78	MARS (A.R.CO)	Cirane Preimord Bergot et al Cirane Preimord 10-70-78 6 2. Brainard Est. J. L. Pringse	State	Ameco is 5-78
Eogle	. Au	Kissinger Trunko	£.0.7.	Monsesu F. Monsesy M. F. Monsesy M. F. Monsesy M. Carlotte M. Carlotte M. Carlotte M.	Yates Pel, etai K-4942 Yates Haiseman	334 1 Mary Yores Fet.	Yates,etal Yates,etal S-21-78 S-17-78	
Pet Yates Peter	Yoter Act Yate Ret	Kerma M. Mood 33	# 34 17Mil 34	Oak Rogers cross to Wanter	TOTAL STATE (36 THE SEE)	Janeseyeros Jamesegenis: V.noseenoniss J.K.C.neidemonis: Yotas Pet.	(Yotes) 5- 15- 24 Sherren 32	Mary Men "3
4 11461	(Cylnzoil)	Yates Pet, etal 12 1 73 73 74139900		9 27 to Powell" A.H. Horner,	*	THPFF	Here Sugar & Ballon En	17 4 61 8.1
u J	all The	Elsie Kissinger Dale U.S. Rogers, etal(s)	Sowers"	+2Mil WEST, V2M.I.	"A.R.Co-St."	13 Mil. Edna Pallerson	5. P Combell 2.24.85 Mesen Gares et al	affect 1200
1998 1038 1 Evelyn Jen 2 Charters Charter 19-1-82 9-1-82	Conf # 100 to 200 to 100 to	Guif Amoco Amoco I	Amoco Votes IAmoco	Superior Walter	is a duri sist sill a list 1 (Superior) (Bengal 12-8Fynd	(Yotes Pel)	40 (12) (12	**************************************
9-1-82 19-1-82 -:Sezo +15620	4 9542	Gulf 7-25-78 19-20-78 Amoco 17-25-78 3-34-78 T8-18-78	(Rogersatolts) Pet.	A = 3.4.4. 0.13.73 1.3.0.23.6.	Coquind L	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Mes Per Vice on 1998	
7	"Grymberg-Fed"	CALCOUT ER Pairet (croil	Miller Amoco -	14757 Superior Superior Paragers, etalks	Mor. Oisc. Superior. 4 BMT 687 Fee W.E. Williamst	OFasren Olyotes Feat Votes	Mara E Keilin	Storiffication and the stories of th
ed to Yores Per	Yofes TOPE Pet. 11-177' Yores Per etal	Farmer HBP and A.R. Hubbell Occord	Yates Pet.	Melly Torres of F. Inhance of The	Coquing Yates Pet.	* Confe	Yorles Pet. Amoco of the Control of	43.00da.t 5. 12.860.th
e l ye	A F.Co. 6487738	Talesu <u>U.s.</u> VatesPeti,etal	Hugh Hinsen Amoco	U.S. O'Rogers Harsh Mayelu Jr.	s 6 Mil. F97 Superior-Fed."	Yares Pej. Yales	C-177) S.O. WASTO	T TO THE SECOND
U.S. Fed	3-1-75 U.S. Fed.	Lucille Piptin	14787		U.S. Rogerseiol SWILL Foul N.Gray	Paul N. Groy Ves. C. B. Smith	Yours Fet) 3 Acord	Son Song
Yates Pet etal 1 - 1 - 73 0497736 HBC HBC Gallines	Yores Pet. ** Yores Pet. Cariess	S.P. Votes Yotes Peteral Yates Pet. 8 1-8: 6-4-77 2 2 2 81	Amoco 2~16-78	A.R.Co. 10885 11 5-76 A.R.Co. 10885 11 5-76 O.Fopken	Coquina et al Coquina et al 64.80 et al 64	Yates Pet Yates Pet	MALORISING LATELY A	Variative Chergy
(all sec)	TD 8615	Yates Peteral		0.50256 0. Fosken 3- 1- 62 14995 Lealiew Shuzie	S.Arm-1. tig! strong io 12 do M.D.Wisson a 2476	Paul N. Gray Nelse B. Smith Fronklin etal Yotes Pet. Ferguson or 102255 Yotes Pet. T08856	fonogorificangos 9 15 30 2 1-79	1:300 1:000
OSASCORT AJMIL	Votes Per etal (1917)	US Meiswenderetol	10 57.4	I Wainoce	Moliter Merris Moliter Merris Rogers etal(S)	Mary Tours Pet Tours -	Albert Rogers	575775575
eg7 10-17-77 L-321 21-75	9467738 Yates Pet, M.I. J.S.Cavert	Yoles Pet, M.I. M. Yotes Vz y. J.S. Covert HBP		Yotes Pet. Pennzoil	Bengal,etal (Bengal,etal) (Bengal,etal)	Create About the property of t	Morning etc.	1 1 7 7
	Frenklin Amoco Amoco Hop 8- 11, 78 6471842 5. P. Jehassa, Jr.	Amoco Amoco	Superior Lincoln County G.E. Johnson Livestock Co.(S) E.R. Powell	Coquina Coquinasia to assa' y lani Dale Edward Clancy Rogers stat(s) Clancy&Schreit	Vales Peti 1 20-17 14 mir ag 14 mir ag 14 km² - 12 to 15 to 15 to 15 to 15 to 15 to 15 to 16 to 17 to 18 to	Trotes - Las Troding Votes of	Thodereloed grad Coopean	
Silve Solf Gulf		Cit. Serv. Cities Serv.	Odle Rogers solds) "Total Per Arol W Mary Mary	Rogers statist Clancy & Schrell	J. Y. Robbins Hare L. Numa Tropero Cas Brasent	1. M. Bantas et Vartirer & Sears	Thoderefood R Me Crapman	Visto Comerce to T. E. C.
State 29:22 25 25	1 - 26 - 61 5 - 21 - 75 - 22 7	1825	V 19818 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	(Yares Pet.) Yates Pet. Bengal 12-8Fund HBP	Tropero Cas Brusent, BMCKnight ARCo MKKnigmt	Amer Trading 13 tes Pet 14 25 76 77 1. H. 8 awicz elai Mary Vandiver	J. F. Walt F. Septs	Amora it - 19 - 1 L- NGCE 23 II
Votes Per etal	W.C. Historia	Guif \$-11-16	/公共引起	Coct Disc.	TOXA, W. presser	Wordher To Foster	Kathryn McCrory 4	200
				the Special Control	· · · · · · · · · · · · · · · · · · ·			. A sample of



207 SOUTH FOURTH STREET ARTESIA NEW MEXICO 88210 TELEPHONE (505) 746-3558

April 24, 1978

Joe D. Ramey, Secretary-Director New Mexico Oil Conservation Commission Drawer 2088 Santa Fe, New Mexico 87501

> Re: Downhole Commingling, Powell DG, #1

S. P. YATES
PRESIDENT

MARTIN YATES. III
VICE PRESIDENT

JOHN A. YATES
VICE PRESIDENT

B. W. HARPER

SEC TREAS

Dear Sir:

Yates Petroleum Corporation, Artesia, New Mexico, Operator of the Powell DG #1, Unit O Section 35-17S-25E, a dual completion in the Eagle Creek Permo Penn and West Atoka Morrow seeks approval for downhole commingling. Dual completion was authorized under NMOCC Order R5386. Downhole commingling is permitted for the Eagle Creek Permo Penn but not for the West Atoka Morrow.

The Morrow has declined to about 30 mcfpd against 330 psi line pressure while the Permo Penn flows 200 mcfpd.

There is no water production and hydrocarbon fluids are compatible. A standing valve will be set in the lower packer to prevent loss of Permo-Penn fluids to the Morrow completion. Commingling will be achieved by retrieving the cross-over choke in the upper packer to allow both completions to flow through the tubing.

Offset operator, Superior Oil Company has been notified of this intent by copy of this application.

Commingling both completions will conserve a natural resource and prevent waste by eliminating fuel for extra heater and vapor losses from extra storage tanks.

Yours truly,

YATES PETROLEUM CORPORATION

Eddie M. Mahfood

Engineer

EMM/ob

Operator			Pec						 	Cou	nty					
Yates Petroleum Co	rp.			<u>ظag</u> .	le Cr	eek - Pe			<u>n</u>		Eclo	lv	·		·	
207 South 4th Stre	et, A	rtes	ia,	NM (88210			E OF - (X)	Sch	belute:			letion [cial 💢
	WELL			ATION		DATEOF	3	CHOKE	TBG.	DAILY	CEH 67H			URING	TEST	GAS - OII
LEASE NAME	NO.	U	s	۲	R	TEST	STAT		PRESS.	ALLOW-	TEST HOURS	WATER BBLS.	GRAV.	01L 88£\$.	GAS M.C.F.	RATIO CU.FT/BE
												• •		Ţ		<u> </u>
Federal CR	1	M.	29	178	25 E	3-2-78	F	8/64	700		24	o		0	132	
State CY	1	к	32	17S	25 E	3-2-78	F	8/64	740		24	0.4		4.7	131	27870
Deita 11 DO Gene			2.5	1.20	25	2 0 70		0.46.4	005						 	1
Powell DG Com	1	0	35	1/5	25 E	3-2-78	F	8/64	905	i	24	0 .		1.6	194	121250
\mathcal{L}_{∞}			*,												,	
				1		^•	}						1			
		-					-	.								
			ļ					• , .					-			
														•	-	
			,				-								•	
				1		.()									ļ	
er to the second of the second								·								
• 1						e** •										
					1								1			

No well will be assigned an ellowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is lecated by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15,025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mall original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature) (Engineer

(Tide)

2-6-78 (base)

NEW MEXICO OIL CONSERVATION COMMISSION GAS -OIL-RATIO TESTS -

C-118

Seviest letest

Yates Petroleum Cor	Morrow					Cou	Eddy										
207 South 4th Stree	t, A	ctes	ia,	NM 8	38210		TYP TES		of - (X)	Scho	eduted [Comp	tetion [_)	\$200	:01 🔼
LEASE NAME	WELL		LOĆA	אסוד		DATEO			ноке	TBG.	DALLY ALLOW-	60			URING		GAS - OIL RATIO
PEASE NAME	NO.	U	s	۲	R	TEST			SIZE	P.RESS.	ABLE	YCST HOUAS	WATER BBLS.	GRAV.	85F2 OIF	GAS M.C.F.	CU.FT/BBL
Powell DG Com	1	0	35	17s	25 E	3-2-78	3 1	F	13/6	400)	24	.0		. 0	43	
															-	a di	
						. •											
4 4			Ì								ł						
3										-		ļ					
	1																
		-															
															¥.		
	,-																
									•								
	,										.						
												<u> </u>	4	<u> </u>			

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 pala and a temperature of 60° F. Specific gravity base

Wall original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with 101 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature) Engineer

\$ 5 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	3 J]	Northern tearthings	1, 81-60 1, 481 1, 4	11-3-13 Filler 1-3-13 Henry 11005	Worter Safra.	trates of the state of the stat	State and Alk	16214	A: 0
j 18	L	17 841845	16	Vales Pein retro	Pet la Serre	Total of the state	18 (1941)	1	2 2 3 2 2 3 2 3 2 3 3 3 3 3 3 3 3 3 3 3
1 24. ♦ AR Co.	Figen Eries 15 338	U \$ 4.R Co.	Title on State 17	25 Marie	SAT JAN JOSE JOSE JOSE JAN JOSE JAN JOSE JAN JOSE JAN JOSE JAN JOSE JAN	July 15 Gotes Petited	Strifted Strift	THE WAR	\(\frac{1}{2}\)
d : 1 : 71 disserse		11 - 15 csses66 J. k. Yafes 1 Shellow:	Pubco No No Property Parks Per	"FCC!" 6" 5" 63 63 1676 14 167	10 14 (M. P. e. B. e. J.	Medical Chican 4 10 173 Tell Vo 4 18 173 City of Acrasia Fall. C.F. Newbornk & L. Serger	Su Stremplant Survey 18 Champlant Survey 18 Ch	Your St	LHW:
3 2 24 79 9	ere imace reco instituti ere instituti	1 14 1 20	We Irey's 2 ME Memones Coss Pet 12 You was a Coss Pet 13 You was Coss Pet 2 1 3 7 3 16 16 16 16 16 16 16 16 16 16 16 16 16		E.A Behrendt S Nondo 2 TMII Witchell	YALLE PEL TO YOUR LOLL	VALUE OF THE PARTY	20 P. Signer Street Market	
	(A. V)(c)	Yoles Pet. Yoles Pet. 1813 P. Pyna ete Ce Gerta. Co	Williams Us	'l •4 1•44 • •	Gaster 15 Tartes Pet. Gaster 15 Tartes Pet. Gaster 15 Tartes Pet. Gaster 15 Tartes Pet. Tartes Pet. H89 Petr.	Western Oil Vales Pot etal	Ser d Lagran 1: 30 '4 Condes to Votes 1: 40 '4 Votes Cot. Villa Cot.	DE NEW TRANS CONTRACT LESS TESS CONTRACT ASSOCIATION ASSOCIATIO	
M Yare 2 2 2 3 6 2 2 3 4 05 9 5 5	1.54	Yote Pel "Gose" Ka Kanald w	Yotes Pet isa Caraca etal Bio Sales Pet etal 12832 Second Yorks Pet etal	oynics 50/ 133 to your Add Not No. 13 135 to your Add No. 13 137 to your Add No. 13 138 to your Ad	(Natura)	FAOIE A 18 18 18 18 18 18 18 18 18 18 18 18 18	DSI 1 70'15 05	So union from the pacific 9 - 22 - 25	7
10 314 10 124 10	PONTONE	Votes 1 3 67 35 M	J.L. Grynberg Yotes Pet etal S. 12. 79	U.S. Vertes	26	Etint 25 Film Stenart, 4 Catalina Yates Pet Catalina Yates Tollish Lessee	We Melloretol 3 Ericog ze 1960 Wa Milloretol 3 Ericolaria Provincia George 18 2 78 8-8-70 Francis Member 1 4-m & Secrets' etal	"Merrin" "Evelyn Washer, erol, M.L. C.E. Borto	6.5
5 6 6 6 U 5	(2185 Pet	AL SECTION	belowized Bark B. U.S. Fed Goregon	Yotes Pet, etal #	Votes Pet. etal Yores Pet. etal STODISC X Yoles Pet etal 1.3 Mil. 1.7 - 78 ()	Signal Yotes relieved to the control of the control	The state of the s	Amace City Amace 12 6 78 of the Colored City Constitution of the Colored City City Colored City City Colored City City City City City City City City	Amore
11461 11461	Eogle	Wiften Yoles, etcl	13.78 4.13.78 A		- E	M PB 6735 (A RCo.) Yotes Pet, etcl K-4342 Yotes Yotes Yotes Yotes	Consideration of the second of	Secretification of the second	1574
r-yl 3	Yotes Peters	Yotes X Yote Fet.	Yotes Pet, etal 171 - 73 343990	1,7 Mil 34	Power Space At Horner	36	Vates Pet.	15 15 15 15 15 15 15 15 15 15 15 15 15 1	
0 10 10 10		Guit Walnut	Elsie Kissinger Dole Recers etoils Amoco Amoco	Fahne	E.A. Henson Cole Property	"A.R.Co-St." State State (Superior) Bengal 12 Brune	1.2 Miles Pell		
3.55	5420 +15620	Guil Walker	7-25-76 19-20-78 Amoci	David 10-182	14757 F. E. Superior	DO214624 Coquino Mor. Oisc. Superior. 48M GOV FEE	Ciasem Of a state of the state	Mes Per Supplement	
Problem 19 1 Series Linights	Ya'es Pe*	Yotes 77 Yores Peretal 1804 6 487738	farner A.R.Habbil Toless Yates Periotol V.S.	Yates Pet. 7 : 16 - 81 Hugh Hinsen	US OROCA CARDEST MYSIAL JE	Coquing Yotes Pet. 2 - 24 - 81	Ente	Pores Fel. Armoca Feff ⊕ 51:0 sc 8:1-79 (ac) C-3:17-1 S.D. (20)	
794:1 U S	· etal	3-1-73 "SC "-AS MIL C363064 U.S. "FEW!! Yofes Pet. ** C2	Cocile Pipela S.P. Yores Yores Petralal Yotes Pet	Amoce	Pores Cogning Relly Pores 2 - 78 1613 4-13 OkempLumber Co. HBC 3-15-30 Unorges chails; \$550 Cogning 7 totes Pet AR.Co. 178849 1 15-78	Superior-Fed." U.S. Rogerspial Swise Faulth Grey- Coquina etal Coquina (2.22) 12-17 Coquina Merch	Fred Migray Varies Fet	A total Con 14 A Total Con 15 A Tota	
1. (Mar.)	Yeres Per 65	Tores Per. ear:842 Per Federal TORES Page 179 Caronia Per	Yores Peterol 174	. 0	0559769 0 Fosken 3 1 92 14995 Lesliew.Skuzie	S Arm L etgl streng in 12 d3 M.D. Witson a 10 Jack Griffen. M.	Smith Votes Pet. Tores -	Palat Nie Iran taget	S. Construction
	M Yates,etol :0-17-77 L-321 21-75	Vares Fer etal 18 st 1 - 1 - 18 Yates Par, M 0481738 J.S. Caveri	Pe Salas Pel, M.I. Myotes Pe	Superior 10 57%	Yates Pet. Pennzoil	Bengal, etal (Bengal, etal) (Bengal, etal)	Croter Apopulario	Hornessee See See See See See See See See Se	
\$1rte	Gif Gulf	Frenchist Armoro Amero S. 114 78 S. P. Johnson Value Yates Pet. Gulf 15	Elization Cities Serv	Lincoln County (S.E. Johnson Livestock Coff) E.R. Fowell Dale Rogers Halls)	Daile Editord Cloncy Rogers etal(8)	RMKnight Wireless	1. Today - 12 Today Vates Ave 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Thaddington as Server	vergijange Gijenge
Gul Esplosed	46:513 L-4052 397.2 26 20 or etal	1 - 20 - 61 5 - 21 - 14 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	[1] 0.00-00	Totas Pet prot w Pris	Yates Pet. Gengal 72 Brienc 1889 Cate Oise.	ARCO Manager	Land Hardiner Land Hory Condiner	J.E. 468 J. Story Carneya Peterary 92 19 7 2 200 200	
						Sec. 2.3	San Land Control of the Control of t		



207 SOUTH FOURTH STREET ARTESIA. NEW MEXICO 88210 TELEPHONE (505) 746-3558

April 24, 1978

Joe D. Ramey, Secretary-Director New Mexico Oil Conservation Commission Drawer 2088 Santa Fe, New Mexico 87501

> Downhole Commingling, Re: Powell DG, #1

P. YATES PRESIDENT MARTIN VATES III VICE PRESIDENT JOHN A. YATES VICE PRESIDENT W. HARPER SEC TREAS

Dear Sir:

Yates Petroleum Corporation, Artesia, New Mexico, Operator of the Powell DG #1, Unit 0 Section 35-17S-25E, a dual completion in the Eagle Creek Permo Penn and West Atoka Morrow seeks approval for downhole commingling. Dual completion was authorized under NMOCC Order R5386. Downhole commingling is permitted for the Eagle Creek Permo Penn but not for the West Atoka Morrow.

The Morrow has declined to about 30 mcfpd against 330 psi line pressure while the Permo Penn flows 200 mcfpd.

There is no water production and hydrocarbon fluids are compatible. A standing valve will be set in the lower packer to prevent loss of Permo-Penn fluids to the Morrow completion. Commingling will be achieved by retrieving the cross-over choke in the upper packer to allow both completions to flow through the tubing.

Offset operator, Superior Oil Company has been notified of this intent by copy of this application.

Commingling both completions will conserve a natural resource and prevent waste by eliminating fuel for extra heater and vapor losses from extra storage tanks.

Yours truly,

YATES PETROLEUM CORPORATION

Eddie M. Mahfood

Engineer

EMM/ob

perator				Pe		,					Cov						
	Yates Petroleum Co	rp.			Ľag.	le Cr	eek - Pe			<u>n</u>		Ecde	vÉ				
ciress	207 South 4th Stre	et, A	rtes	ia,	NM 8	38210			E OF (X)	Sch	belute:			letion [ei 2: 🕎
		WELL		LOC	ATION		DATEOF	12	CHOKE	TBG.	1	LENGTH OF			URING		J GAS - OI
	LEASE NAME	ΝΟ.	υ	s	т	R	TEST	37.6	SIZE	PRESS.	ALLOW-	TESY HOURS	WATER BBLS.	GRAV.	01L 88L\$.	GAS M.C.F.	RATIO CU.FT/88
Fede	eral CR	1	м	29	175	25 E	3-2-78	F	8/64	700		24	0		0	132	
Sta	te CY	1	к	32	175	25 £	3-2-78	F	8/64	740		24	0.4		4.7	131	27.870
Powe	ell DG Com	1	o	35	175	25 E	3-2-78	F	8/64	905		24	0		1.6	194	121250
							•			2		•				,	
							•	- -		r.		i i					
				-		4.		-		,		٠.			•		
							- -										
•						r.				•			-				
4		1	1		1	[]		1			[]	ļ 🚕		

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned lacreased allowables when authorized by the Commission.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature) Engineer

-78 (lime)

NEW MEXICO OIL CONSERVATION COMMISSION GAS-OIL RATIO TESTS

C-1:6 Revised 1-1-65

					·											
Yates Petroleum Co	orp.		Peo		toka	Morrow				Cou	_{му} Eddy					
207 South 4th Stre	et, A	rtes	sia,	NM	88210	\T\ \TE	PE O		Sch	eduled []		Compl	letion [_)	\$\$00	ne) [X]
	WELL		LOCA	ATION		DATEOF	3 C	OKE	TBG.	DAILY	, CNGTH	21	ROD. D	URING	TEST	GAS - OIL
LEASE NAME	NO.	Ü	. \$	۲	R	TEST	27.4.4	125	PRESS.	ALLOY- ABLE	TCST HOURS	WATER BOLS.	GRAV. OIL	01L 92L&	GAS M.G.F.	RATIO CU.FT/BBL
Powell DG Com	1	0	35	17 S	25 E	3-2-78	F 1	.3/6	40)	24	0		0	43	
				,						48, 15 m.						

Ne well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 pala and a temperature of 60° F. Specific gravity base

Report casing pressure in lieu of tubing pressure for any well producing through casing.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature)

Engineer

17:4013-6-78

\$ 6 - 5 1 1 5 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6	'a }	S - 1 - 1 Hadi Northern Natural Gas '2	5 1		60 61: 	7.3	15 15 31 4 5 31 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	New York To	You Pal	Hair Harri		300 P	AIK	122	(A)	12 (1 Te
n 18		17	17 15 15 16 2 A	Yates Pet Leggiii 16		Meliko Ney Yales Pe	5 / 10/1/4110	200 100 100 100 100 100 100 100 100 100	A.W. Allegang He	10168 9 68 9 107 S 7 111 1 10 1 C 124 1 10 1 C 124 1 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2. 1		8	yares Feri		3 (1) 33. 33 33. 43
}; #1 	Cynn Corra Fib 518	u \$		[[]] [[]][][]] []][][]][][][][][][][][]	. /43.21	 05	tick An A Stocheff H Meiric Marrie	Varies 374	100 2 100 100 100 100 100 100 100 100 10	- West 15 113	Acres from 1940 of the second	575 A		5 4 81	13 1172	3.0
A.R Co.		A.R Co	75	Votes Pe (A.P.C. Csisasei	i elal	Yn Yn	es Pet 3735feil	Salvers as Votes	A Control	2 18 76 6 7	tes Pel, etal		1.8			Tib.
, s		J & Yafer Shaffam Acraer El 3634 Bank L20	· 💠	5.500 No Not 3.29 \$164671 Wa. kille Cirle3 \$7000 Traylor 2	J. M. Jackson M.	Yoles Pet, o?	Yales cial	10 10 10 10 10 10 10 10 10 10 10 10 10 1	enan) Live on ec	Cay of Arre	ergir	Su II 18. Champlings	50 Unit (1) 1 6 45 Story V 13 25 1 47	11.50) 21 ts 84 . 4 . 22 . 74 O41 512	EHW:
3 1 24 3 1 5				Turis of street		Jacksangs P V. Jackson W.E. Willingray (PSO)		E.A Behrendt 5	Nonda 1 Mil	Witchell : 41.	***	TOTAL PART YOURS	4.9.30 1.9.30	St. Sect.		
	14. H	HBP I		Willhames •	ed d	0 2131	31651 - 7 Kr. 3 7.5	Carraite Sar	otes Pet. opie Greek' M Zaltys Pet,en Yotes	Yotesfetefel (1) 13M (2) 262 2441 272 2441	Karos Par (Association) (Association)			of New York	्रिक्ता १ व क्षेत्रसम्बद्ध	
# A 35 19 M Yane # 문항원 개	4 5 79 325	Yotes f	. •	(fa) Pies	Yofes Pet, pal	rats to Pet of	Antes ser	J H Jan	Petr.	Western Oil LAGLE	3 75 77	A TO GATE		S give a ke the control of the contr	e 2 200 3 3 4 C	
101 , 05 33 30 30 71 3 C	0010536	8761		- E 20	15/102 - 015 P18 Pet. etol	(M. Yotes (Ve)	J. M. Jockson Pet Signal Pet HBP	Joseph Lay Ing Joseph Joseph J. M. Je	izion CRI	Flint 2	Yotes Pet	^{Ju} .K.Neljarjelol .	05 Mercie 300 g 30 1603 600 1 5 77 0 27 75	9 27 - 28 Poések Erergy	9	
2702 Pet 1	Vandar Dat atal	3411112 Yolg	10 - 10 - m	4 GR 2 GR	5 - 14 - 79	. U.S. Yates	J. M. Vectoso Pet,etal	*55	s Pet, etal st	Coree & Coren, MI A	Yoles Yours Yoles Yours Jackson Handle Handl		Pega Kemilaa (1 elal	Totes St	recessi, M.I.	
3 6 6 6 2/3 (21es Pet 6 . 1 . 86 610')	9.	A CONTRACTOR OF THE PARTY OF TH	Yates, etal	Valet elol	Borb. B. Coregon Yales Pet, etal	Yotes Yo	tes \$2	Yolgs Pei, et al. Str Disc. (6) Et	Yales Peteral	Anna Me Pint ** (Horrisher (Horrisher (A) (A) (otes		YalesPereial	O Donavia 623	179134	1	Upon of a
110g1 }	Eogle	₹-6161	1 2 · 79 HBC Λ. (A		4: (3:78 N :20 COTATES *** Powell Kissinger Diago	HBC 00	M.Yotes III.	"Monseou" L.E. Monseou	1 10 No	Value 100 (V)	1942	Circulatelisass 6 8 8 sa naral Lista I Morry Engle erottaki Lista Estati Lista Estati Lista Estati Lista Estati	1 2.1.70 18 6 34 6- 11- 24	Sherrelijelof Sherrelijelof Sherrelijelof	70'es,etal 5 17 79 5 16 78	1
r-yl 3 raics Pet sec4	Yotes Pet ero.	Yeles #	Yate Pet.	Yotes Pet, etal	3	学 1.7M3 F12	34 	B: VROSer CHOSE	Totas Patetol "Powell" A.H. Horner,	America 3	Helaeman 2 FC	27 13 11 31.51	3 Caberrar S.	(rota)	32	
		Land Ca	7603 Fed" #60	1	Elsie Kissinger Dale Rogers etalls)	Sowers" R N Fating.	<u>់]:</u> ']. .ស.វ.	F. Pages	NO R Powell	\$ ₩	312	39 7 852 /		(Xx 3	A Line 1	
	Everyn 3/444 9-1-12 9-1-12 3482 15682	Gui	A PALANZ	Gulf Annoce 7-25-78	Amoco 9: 20-76 Amoco 7: 23-78 3-14:70	Places Ekralitet	Yotes 7-19-78	Amoco 9 12	right Superior	(Superior) (Superior)	•	•	ites Pel) V	Free Pro		
Fea 6	 		ing For"	rates, etgi attion	Pariseta 18:18:45 E.R. Pok ellerol O.Rogeraciossi	Miller Amoc	3 Waller Horris	May Dinage	2 Waltent	ξ.	r.Oisc. Superior. N. Gal Februar. I W.E.	ilia: ct Ofoseen Valve fee Errai! Et		Story E Keith	5 7 1 1	
incolners isofer vs isofer include incompany	Y3*85 Pe*	1 3604	es Pet effel 87738	Yates Pa	MEP I. Hubbell 041.0061	i L	otes Pet. 7-16-11 Hugh Hinsen	Yotes Con	sidorsi Wyales, k.	1		*	V Veres	. ⊕ : 0 × .	Amoco 5 45 8-1-78 461 5.0	2 12 32 32 32 32 32 32 32 32 32 32 32 32 32
)3.02 to 1		3-1-79 HSC 03-130-49 U.J Yates Pe		tuci	ile Platin	-1	Amoco 1-1-02 1-4767 U.S.	1 Pe+ 2 6	mberco. HSC	Superior-Fed." U.S Rogerseial SWA	Faulti Gray	Paul N. Groy	ves C 8 Seins	Armatina et a		
	Yeres Per Co	Yores Pet. earise Fiction 1 TO 84:5 P3 3 7479	62 ⁷⁶⁹	Yetes Pet chall 3 1 32 4 4 4 77 5323 4 8 ppen Yates Pet etal				Q.Fosken	1 30 H \$ 78	1	etal Wireh	19 27	Votes Pet. Tores Pet.	renoger Etanoge	ATOKA	3 3 3 3 3
Yafes Pide	M totes etal	CiscoDisc. Fed.	J.Ame o	041734	CB. Meiswenderelm Yotes Orlg. 1/2 M Yotes 42		10 \$7.4	3- 1- 82 (4995 Yotes Pet	Lesliew Skuzie Wainaca Pennzail	Walter Merris Bengal, et al	M.D.wilsons :: Jack Griffin M. Rogers et al. (S) Coguina et al. (Bencol et al.)	Total Total	Pet Tories 4	Asign Nis	lene talle Books	5 07,575 10 mms
DIACOUT	L-321 21 75	Fronting	Yates Pet, M.1. J.S.Cavert Amoco 8-11-78	Amaco Amaco	HBP	Superior Lincoln Count Livestock Co. ()	y S.E.Johnson	3 · 1 · 80 (1323 Coquino to 8155'	Coguinasti Liency List Edward Cloney Clancy & Schnell	H. D. Rabbins	ivates Pet 9- 20-77 Jump 1331 Hare 4- 24-34	A Carte	7	are j	700 PM	
Sire.	6.14 Gulf 2-1-84 14-20-44 16-521, L-4-532 16-521, L-4-532 16-521, L-4-532	047:842 U'3. Yates Pet. 1 - 28 - 81	Gulf Fee	.1 03.	U.S. *Cities Serv.* 10 · 20 · 10 L · 4954	Dale	Rogers vialisi	Rogers etal(S)	Edivard Cloncy Clancy & Schreit (courna (Yates Pet.) Sengal 72-BF intel 11323	8 McKnigh	hern's T	Amer Trading		1		
	refel		Gulf 1941.	Gulf E 21-10	1 102	(VISSI		HOP	Cete Diet	MIRKA	, W. promon	w. s avez e	to lang testiner	Salmeyn Decree) 	.
								6				The same of the sa				

1

٠,

Page	1
_	

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
State Land Office Building
Santa Fe, New Mexico
19 July 1978

EXAMINER HEARING

IN THE MATTER OF:

Application of Yates Petroleum)
Corporation for downhole com-)
mingling, Eddy County, New Mexico.)

CASE 6241

BEFORE: Richard L. Stamets

TRANSCRIPT OF HEARING

APPEARANCES

For the Oil Conservation Division:

Lynn Teschendorf, Esq. Legal Counsel for the Division State Land Office Building Santa Fe, New Mexico 87501

SALLY WALTON BOYD
CERTIFIED SHORTHAND REPORTER
Bishop's Lodge Road - Phone (505) 988Saria Fe, New Mexico 87501

9

10

11

12

22 23 24

21

.

10

13

15

16 17

18

19

20

22

23

24

MR. STAMETS: Call next Case 6241.

MS. TESCHENDORF: Case 6241. Application of Yates Petroleum Corporation for downhole commingling, Eddy County, New Mexico.

The applicant has requested that the case be continued to the August 2nd Examiner Hearing.

> MR. STAMETS: The case will be so continued. (Hearing concluded.)

REPORTER'S CERTIFICATE

I, SALLY WALTON BOYD, a Court Reporter, DO HEREBY CERTIFY that the foregoing and attached Transcript of Hearing before the Oil Conservation Division was reported by me; that said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability, knowledge, and skill from my notes taken at the time of the hearing.

I do nereby certify that the foregoing to a complete record of the proceedings in the Examiner hearing of Case No. 6241. Mexico O11 Conservation Commission

3

10

11

12

13

14

15

16

17

18

19

20

ŽÎ

22

23

24