

2/25/02	SUSPENSE NA	ENGINEER DC	LOGGED IN KW	TYPE DHC	PKRV	APP NO 0206049046
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☐ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

James W. Pringle

Print or Type Name

James W. Pringle
 Signature

Title

02/20/2002
 Date

e-mail Address

District I
1625 N. French Drive, Hobbs, NM 88240

District II
811 South First Street, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised May 15, 2000

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87505

APPLICATION TYPE

☒ Single Well

☐ Establish Pre-Approved Pools

EXISTING WELLBORE

☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

Yates Petroleum Corporation
Operator

105 South Fourth Street
Address

Artesia, New Mexico 88210

Lease Jasper 'ARJ' Federal 2 B 25 8 S 26E Chaves
Well No. Unit Letter-Section-Township-Range County

OGRID No. 025575 Property Code API No. 30-005-63143- Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Pecos Slope Abo		Palm Mesa S. (Penn)
Pool Code			
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	4666'-5046'		6180'-6256'
Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)	980 BTU		1030 BTU
Producing, Shut-In or New Zone	New Zone		Producing
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: Rates 0 BO 2 BW 600 MCF	Date: Rates:	Date: 02/18/02 Rates 0 BW 0 BO 120 MCF
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas 83.3%	Oil Gas % %	Oil Gas 16.7%

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes ☒ No ☐
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes ☐ No ☐

Are all produced fluids from all commingled zones compatible with each other? Yes ☒ No ☐

Will commingling decrease the value of production? Yes ☐ No ☒

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands
or the United States Bureau of Land Management been notified in writing of this application? Yes ☒ No ☐

NMOCD Reference Case No. applicable to this well: _____

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

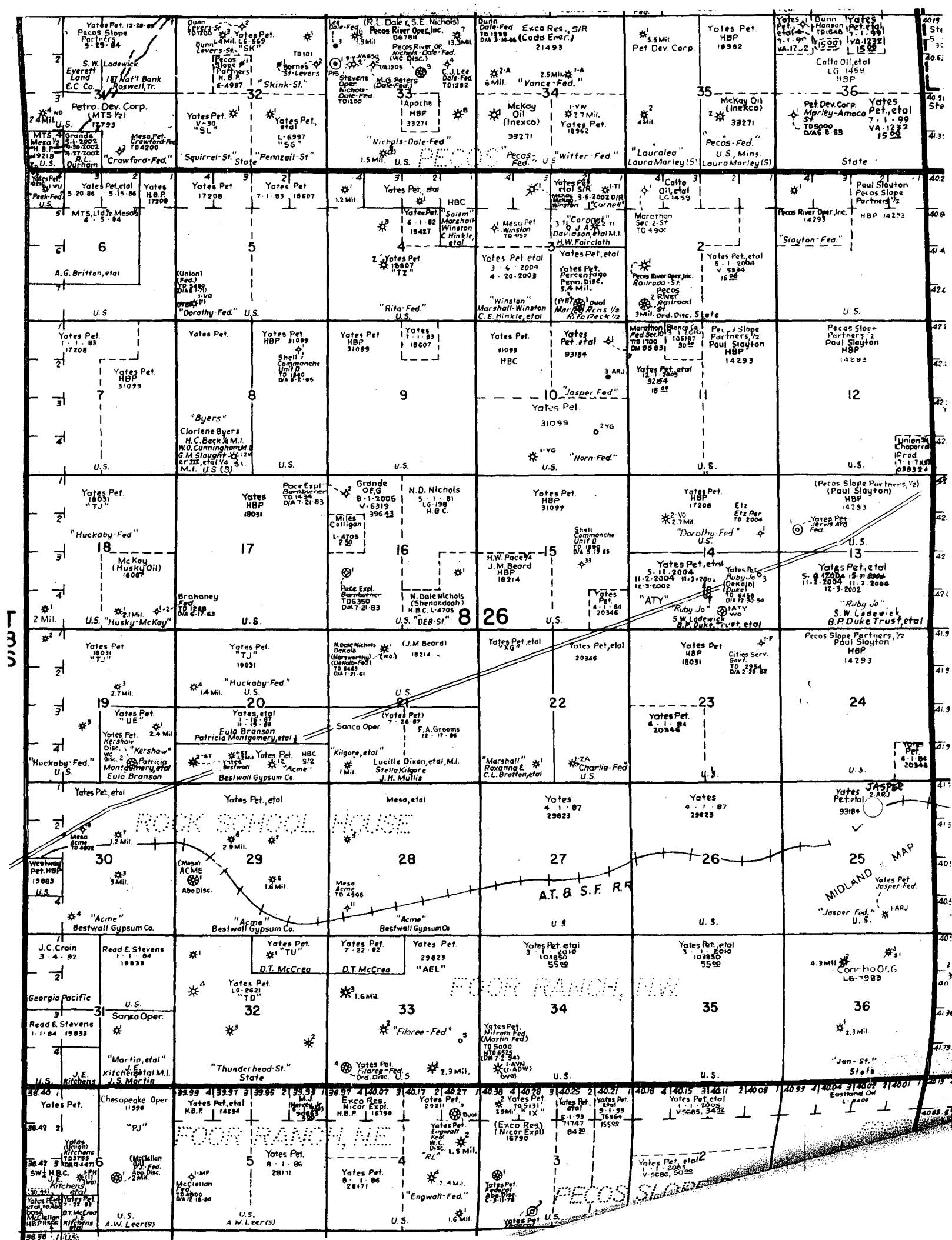
If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

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

SIGNATURE James W. Pringle TITLE Operations Engineer DATE 02/20/2002

TYPE OR PRINT NAME James W. Pringle TELEPHONE NO. (505) 748-4182



MARTIN YATES, III
1912 - 1985
FRANK W. YATES
1936 - 1986



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210-2118
TELEPHONE (505) 748-1471

S. P. YATES
CHAIRMAN OF THE BOARD
JOHN A. YATES
PRESIDENT
PEYTON YATES
EXECUTIVE VICE PRESIDENT
RANDY G. PATTERSON
SECRETARY
DENNIS G. KINSEY
TREASURER

February 20, 2002

David Catanach
State of New Mexico
OIL CONSERVATION DIVISION
2040 S. Pacheco Street
Santa Fe, NM 87505-5472

Dear Mr. Catanach,

Yates Petroleum Corporation hereby seeks administrative approval to downhole commingle the production from the Pecos Slope Abo and the Palma Mesa S. (Penn) pools in our Jasper 'ARJ' Federal #2 located in Unit B of Section 25, Township 8 South, Range 26 East, Chaves County.

If you have any questions or need additional information, please call me at (505) 748-4182.
Thank you.

Sincerely,

A handwritten signature in black ink that reads 'James W. Pringle'.

James W. Pringle
Operations Engineer

JWP/cm

Enclosures

MARTIN YATES, III
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1936 - 1986



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DENNIS G. KINSEY
TREASURER

February 20, 2002

Tim Gum
State of New Mexico
OIL CONSERVATION DIVISION
811 S. First Street
Artesia, NM 88210

Dear Mr. Gum,

Yates Petroleum Corporation hereby seeks administrative approval to downhole commingle the production from the Pecos Slope Abo and the Palma Mesa S. (Penn) pools in our Jasper 'ARJ' Federal #2 located in Unit B of Section 25, Township 8 South, Range 26 East, Chaves County.

If you have any questions or need additional information, please call me at (505) 748-4182.
Thank you.

Sincerely,

A handwritten signature in cursive script that reads 'James W. Pringle'.

James W. Pringle
Operations Engineer

JWP/cm

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SECRETARY
DENNIS G. KINSEY
TREASURER

February 20, 2002

Armando Lopez
Bureau of Land Management
2909 2nd Street
Roswell, New Mexico 88201

Dear Mr. Lopez

Yates Petroleum Corporation has made an application for administrative approval for downhole commingling for the Jasper "ARJ" Federal #2 located in Unit B of Section 25, Township 8 South, Range 26 East, Chaves County. Please find attached application.

Should you have any questions, or need additional information, please do not hesitate to contact me at (505) 748-4174

Sincerely,

A handwritten signature in cursive script that reads 'James W. Pringle'.

James W. Pringle
Operations Engineer

JWP/cm

Enclosure

There are no working, royalty and overriding royalty interests in this well other than Yates Petroleum Corporation.

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-9719
District III
1000 Rio Brazos Rd., Aztec, NM 87419
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-005-63143		Pool Code	Pool Name PECOS SLOPE ABO
Property Code	Property Name Jasper ARJ Federal		Well Number 2
OGRID No. 025575	Operator Name Yates Petroleum Corporation		Elevation GL 3941'

¹⁰ Surface Location

UL or lot no. B	Section 25	Township 8S	Range 26E	Lot Ida	Feet from the 760	North/South line North	Feet from the 2240	East/West line East	County Chaves
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16					2240'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Cherry Matchus</i> Signature Cherry Matchus Printed Name Operations Technician Title 02-05-02 Date
						18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. REFER TO ORIGINAL PLAT Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

There are no production curves are not available for the Pecos Slope Abo

District I
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PO Drawer DD, Artesia, NM 88211-9719
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PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C-102
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-005-63143		Pool Code	Pool Name Palma Mesa Strn(Penn)
Property Code	Property Name JASPER ARJ FEDERAL		Well Number 2
OGRID No. 025575	Operator Name Yates Petroleum Corporation		Elevation GL 3941

¹⁰ Surface Location


UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	25	8S	26E		760	North	2240	East	Chaves

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶					¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <div>Signature <u>Cherry Matchus</u> Printed Name <u>Cherry Matchus</u> Title <u>Operations Technician</u> Date <u>02-05-02</u></div>
					¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. REFER TO ORIGINAL PLAT Date of Survey _____ Signature and Seal of Professional Surveyor: _____ Certificate Number _____

The Palma Mesa S. (Penn) is a new zone and production curves are not available.

Following this page you will find the supporting data for the estimated production for this well.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT OPERATOR'S COPY
Indicate
Instructions on
reverse side

FORM APPROVED

OMB NO. 1004-0137

Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____
b. TYPE OF COMPLETION: NEW WELL ☒ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other _____

2. NAME OF OPERATOR
Yates Petroleum Corporation

3. ADDRESS AND TELEPHONE NO.
105 South Fourth St. - Artesia, NM 88210 505-748-1471

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface
1880' FNL and 660' FWL
At top prod. Interval reported below

At total depth

ACCEPTED RECORD

FEB 17 2002
ARMANDO G. GONZALEZ
PETROLEUM

15. DATE SPUNDED
RH - 9/9/01
RT - 9/10/01
16. DATE T.D. REACHED
9/28/01
17. DATE COMPL. (Ready to prod.)
1/7/02
18. EXPLANATIONS (DF, RKB, RT, GR, ETC.)*
ARMANDO G. GONZALEZ
PETROLEUM

20. TOTAL DEPTH, MD & TVD
6540'
21. PLUG BACK T.D., MD & TVD
6498'
22. INTERVALS DRILLED BY
23. INTERVALS DRILLED BY
40-6540'

24. PRODUCTION INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
4646-4911' Abo

26. TYPE ELECTRIC AND OTHER LOGS RUN
CNL/LDC, Laterolog, Sonic

Casing Record (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
16"		40'	20"	cement to surface	
8-5/8"	24#	1001'	12-1/4"	700 sxs circ	
5-1/2"	15.5#	6540'	7-7/8"	560 sxs	

Liner Record					
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	PACKER SET (MD)

Perforation Record (Interval, size and number)				Acid, Shot, Fracture, Cement Squeeze, ETC.	
Interval	Size	Number	Interval	Size	Number
4646-4649'	4 holes .41"		4703-4705	3 holes .41"	
4749-4758'	10 holes .41"		4762-4766'	5 holes .41"	
4771-4773'	3 holes .41"		4876-4886'	11 holes .42"	
4894-4911'	18 holes .42"				

Production							
Date First Production				Production Method (Flowing, gaslift, pumping-size and type of pump)			
1/15/02				Flowing			
Date of Test				Well Status (Producing or shut-in)			
1/18/02				Producing			
HOURS TESTED	CHOKE SIZE	PRODN. FOR TEST PERIOD	OIL-BBL	GAS-MCF	WATER-BBL	GAS-OIL RATIO	
24	14/64"		0	653	12		
Flow. TBG PRESS.		CASING PRESS	CALCULATED 24-HR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)
480#				0	653	12	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold

35. LIST OF ATTACHMENTS
Log

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available data.

ENTERED FEB 19 2002

SIGNED [Signature]

TITLE Engineering Technician

DATE Feb 19 2002

*(See Instructions and Spaces for Additional Data on Reverse Side)

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.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS	TOP			
	FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
38.	NAME	MEAS. DEPTH		TRUE VERT. DEPTH
		246'		
		344'		
		740'		
		1214'		
		2314'		
		2424'		
		3875'		
		4594'		
		5290'		
		5880'		
		6060'		
		6240'		
		6374'		
	Yates			
	Seven Rivers			
	Queen			
	San Andres			
	Glorieta			
	Yeso			
	Tubb			
	Abo			
	Wolfcamp			
	Cisco			
	Strawn			
	Miss			
	Siluro-Devonian			

RECEIVED

2002 JAN 25 AM 10: 54

FILED FEB 4 8 50 AM
BUREAU OF LAND MGMT.
HOWELL OFFICE

Well : 033643 001 JERVIS AYB FEDERAL #1 YPC
Opening : .00
Closing : .00

Day	TP	CP	Choke	Meter	Orifice	Water	Oil	Gas	Remarks
1	0	0	0	0	.000	.000	.00	.00	0
2	0	0	0	0	.000	.000	.00	.00	0
3	0	0	0	0	.000	.000	.00	.00	0
4	0	0	0	0	.000	.000	.00	.00	0
5	0	0	0	0	.000	.000	.00	.00	0
6	0	0	0	0	.000	.000	.00	.00	0
7	0	0	0	0	.000	.000	.00	.00	0
8	0	0	0	0	.000	.000	.00	.00	0
9	0	0	0	0	.000	.000	.00	.00	0
10	0	0	0	0	.000	.000	.00	.00	0
Totals:						Produced . . . :	.00	.00	6566 Produced 10 days
						Sold :			

F3=Exit F5=Display Owners F11=Display Sales F12=Previous
F15=Print F17=Prior Month F18=Next Month

Well : 033643 001 JERVIS AYB FEDERAL #1 YPC
Opening : .00
Closing : .00

Day	TP	CP	Choke	Meter	Orifice	Water	Oil	Gas	Remarks
11	0	0	0	0	.0000	.0000	.00	.00	0
12	0	0	0	0	.0000	.0000	.00	.00	0
13	0	0	0	0	.0000	.0000	.00	.00	0
14	0	0	0	0	.0000	.0000	.00	.00	0
15	0	0	0	0	.0000	.0000	.00	.00	0
16	0	0	0	0	.0000	.0000	.00	.00	0
17	0	0	0	0	.0000	.0000	.00	.00	0
18	0	0	0	0	.0000	.0000	.00	.00	0
19	0	0	0	0	.0000	.0000	.00	.00	0
20	0	0	0	0	.0000	.0000	.00	.00	0
Totals:					Produced . . . :	.00	.00	6566	Produced 10 days
					Sold :				

F3=Exit
F15=Print

F5=Display Owners
F17=Prior Month

F11=Display Sales
F18=Next Month

F12=Previous

Well : 033643 001 JERVIS AYB FEDERAL #1
Opening : .00
Closing : .00

YPC

Day	TP	CP	Choke	Meter	Orifice	Water	Oil	Gas	Remarks
21	430	0	14 64	2.000	1.000	.00	.00	656	
22	430	0	14 64	2.000	1.000	.00	.00	658	
23	430	0	14 64	2.000	1.000	.00	.00	657	
24	420	0	14 64	2.000	1.000	.00	.00	657	
25	420	0	14 64	2.000	1.000	.00	.00	650	
26	420	0	14 64	2.000	1.000	.00	.00	640	
27	415	0	14 64	2.000	1.000	.00	.00	647	
28	0	0	0 0	.000	.000	.00	.00	0	
29	430	0	14 64	2.000	1.000	.00	.00	675	
30	420	0	14 64	2.000	1.000	.00	.00	658	
Totals:			Produced . . . :			.00	.00	6566	Produced 10 days
			Sold :						

F3=Exit
F15=Print

F5=Display Owners
F17=Prior Month

F11=Display Sales
F18=Next Month

F12=Previous

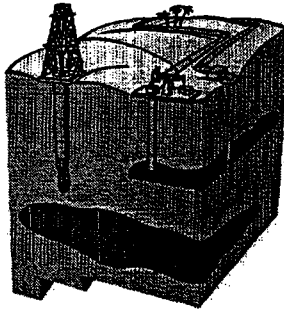
Well : 033643 001 JERVIS AYB FEDERAL #1
Opening : .00
Closing : .00

YPC

Day	TP	CP	Choke	Meter	Orifice	Water	Oil	Gas	Remarks
31	420	0	14	64	2.000	1.000	.00	.00	668

Totals: Produced . . . : .00 .00 6566 Produced 10 days
 Sold :

F3=Exit F5=Display Owners F11=Display Sales F12=Previous
F15=Print F17=Prior Month F18=Next Month



TRANSMITTAL COVER SHEET

**OIL CONSERVATION DIVISION
1220 S. Saint Francis Drive
Santa Fe, NM 87505
(505) 476-3440 (OFFICE)
(505) 476-3471 (FAX)**

PLEASE DELIVER THIS FAX :

*105 S. 4th St.
Artesia, NM 88210*

TO:

Cherry Mathews w/ Yates

FROM:

Will Jones

SUBJECT:

DHC - JASPER 'ART' Federal No. 2

DATE:

4/1/02

PAGES:

3

(includes cover sheet)

**IF YOU HAVE TROUBLE RECEIVING THIS FAX, PLEASE CALL THE OFFICE
NUMBER ABOVE.**