

YATES PETROLEUM CORP.

Eddy County, New Mexico T23S - R31E

Section 9: S/2

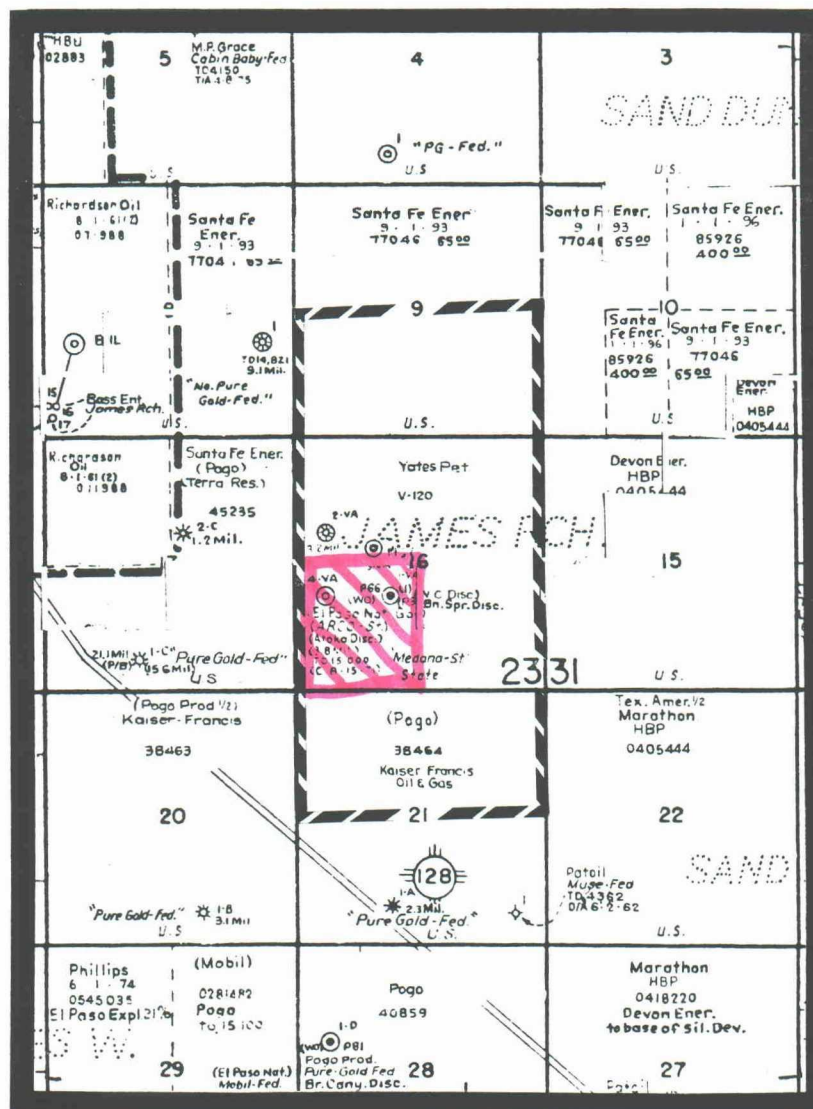
Section 16: All

Section 21: N/2

 = POOL BOUNDARIES

 = ONE (1) MILE BOUNDARY
AROUND POOL BOUNDARIES

EXHIBIT #1



YATES PETROLEUM CORP.
BEFORE EXAMINER STOGNER
N.M. O.C.D. CASE NO. 10327
DATE: 06/13/91
EXHIBIT NO. /

EXHIBIT #2

List of Operators/Lessors of Mineral Interest

Township 23 South, Range 31 East

Section 3: S/2

Section 4: S/2

Section 5: S/2

Section 8

Section 9

Section 10

Section 15

Section 16

Section 17

Section 20

Section 21

Section 22

Section 27: N/2

Section 28: N/2

Section 29: N/2

Santa Fe Energy Company
550 W. Texas, Suite 1330
Midland, TX 79701

Devon Energy Corp.
1500 Mid-America Tower
Oklahoma City, OK 73102

Bass Enterprises Production Co.
P. O. Box 2760
3700 ClayDesta National Bank Bldg.
Midland, TX 79701

Marathon Oil Company
P. O. Box 552
125 W. Missouri St.
Midland, TX 79702

Pogo Producing Company
P. O. Box 10340
500 W. Illinois St., Suite 600
Midland, TX 79702

Meridian Oil, Inc.
21 Desta Drive
Midland, TX 79705

Yates Petroleum Corporation
105 South Fourth Street
Artesia, NM 88210

Kaiser-Francis Oil Company
P. O. Box 21468
6733 S. Yale
Tulsa, OK 74121

Pacific Enterprises Oil Co. (U.S.A.)
P. O. Box 3083
200 N. Loraine, Suite 400
Midland, TX 79701

Phillips Petroleum
P. O. Box 1967
Houston, TX 77001

Mobil Exploration & Producing, U.S., Inc.
P. O. Box 910513
Dallas, TX 75391

Mineral Owner for all Sections

U.S.

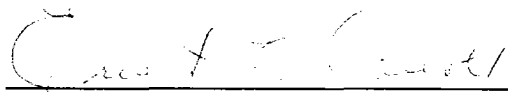
BEFORE THE OIL CONSERVATION DIVISION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF :
YATES PETROLEUM CORPORATION FOR THE : CASE NO. 10327
CREATION OF A NEW POOL AND FOR SPECIAL :
POOL RULES, EDDY COUNTY, NEW MEXICO :
_____ :

CERTIFICATE OF MAILING
AND
COMPLIANCE WITH RULE 1207

In accordance with Division Rule 1207, I hereby certify that copies of the application filed in and notice of the hearing of the above-referenced case were mailed, at least twenty days prior to the hearing of June 13, 1991*, to the operators and interested parties listed in Exhibit "A".

Also attached hereto are representative copies of said correspondence and evidence of its receipt as Exhibit "B".

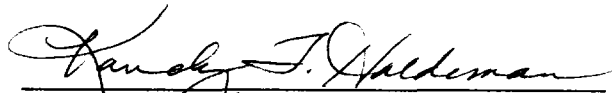
By: 
Ernest L. Carroll

LOSEE, CARSON, HAAS & CARROLL, P.A.
P. O. Drawer 239
Artesia, New Mexico 88211-0239

Attorneys for Applicant

STATE OF NEW MEXICO)
 : ss
COUNTY OF EDDY)

SUBSCRIBED AND SWORN TO before me this June 4, 1991.


Notary Public

My commission expires:
11-25-93

*with the exception of Mobil, Meridian and Phillips

YATES PETROLEUM CORP.
BEFORE EXAMINER STOGNER
N.M. O.C.D. CASE NO. 10327
DATE: 06/13/91
EXHIBIT NO. 3

EXHIBIT A

List of Operators/Lessors of Mineral Interest

Township 23 South, Range 31 East

Section 3: S/2

Section 4: S/2

Section 5: S/2

Section 8

Section 9

Section 10

Section 15

Section 16

Section 17

Section 20

Section 21

Section 22

Section 27: N/2

Section 28: N/2

Section 29: N/2

Santa Fe Energy Company
550 W. Texas, Suite 1330
Midland, TX 79701

Devon Energy Corp.
1500 Mid-America Tower
Oklahoma City, OK 73102

Bass Enterprises Production Co.
P. O. Box 2760
3700 ClayDesta National Bank Bldg.
Midland, TX 79701

Marathon Oil Company
P. O. Box 552
125 W. Missouri St.
Midland, TX 79702

Pogo Producing Company
P. O. Box 10340
500 W. Illinois St., Suite 600
Midland, TX 79702

Meridian Oil, Inc.
21 Desta Drive
Midland, TX 79705

Yates Petroleum Corporation
105 South Fourth Street
Artesia, NM 88210

Kaiser-Francis Oil Company
P. O. Box 21468
6733 S. Yale
Tulsa, OK 74121

Pacific Enterprises Oil Co. (U.S.A.)
P. O. Box 3083
200 N. Loraine, Suite 400
Midland, TX 79701

Phillips Petroleum
P. O. Box 1967
Houston, TX 77001

Mobil Exploration & Producing, U.S., Inc.
P. O. Box 910513
Dallas, TX 75391

Mineral Owner for all Sections

U.S.

LAW OFFICES

LOSEE, CARSON, HAAS & CARROLL, P. A.

ERNEST L. CARROLL
JOEL M. CARSON
JAMES E. HAAS
A. J. LOSEE

300 YATES PETROLEUM BUILDING
P. O. DRAWER 239
ARTESIA, NEW MEXICO 88211-0239

TELEPHONE
(505) 746-3505
TELECOPY
(505) 746-6316

DEAN B. CROSS
MARY LYNN BOGLE *

*LICENSED IN ARIZONA ONLY

March 4, 1991

Mr. William J. LeMay, Director
New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: Application of Yates Petroleum Corporation

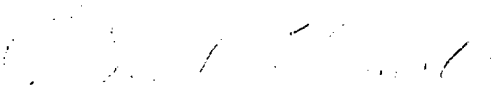
Dear Mr. LeMay:

Enclosed for filing, please find three copies of Application of Yates Petroleum Corporation for a pool designation underlying Section 16, Township 23 South, Range 31 East, N.M.P.M., Eddy County, New Mexico, and for special field rules for its Medano "VA" State No. 1 Well in Eddy County, New Mexico.

We ask that this case be set for hearing before an examiner, after allowing twenty days for notice, and that we be furnished with a copy of the docket for said hearing.

Yours truly,

LOSEE, CARSON, HAAS & CARROLL, P.A.


Ernest L. Carroll

ELC:bjk
Enclosures

cc w/encl: Santa Fe Energy Company
Bass Enterprises Production Co.
Devon Energy Corp.
Marathon Oil Company
Pogo Producing Company
Kaiser-Francis Oil Company
Pacific Enterprises Oil Co. (U.S.A.)
Yates Petroleum Corporation

EXHIBIT B

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4. Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☐ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:
Santa Fe Energy
550 W. Japao, Ste 1330
Midland, TX 79701

4. Article Number
P574 253 235

Type of Service:
☐ Registered ☐ Insured
☐ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Address
X

6. Signature - Agent
X *W. Japao*

7. Date of Delivery
3-5-91

8. Addressee's Address (ONLY if requested and fee paid)
Law Office

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

3. Article Addressed to:
Marathon O/G.
P.O. Box 552
Midland, TX 79702

4. Article Number
P574 253 237

Type of Service:
☐ Registered ☐ Insured
☐ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Address
X

6. Signature - Agent
X *Sammy Edwards*

7. Date of Delivery
MAR 5 1991

8. Addressee's Address (ONLY if requested and fee paid)
MAR 6 1991

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

3. Article Addressed to:
Pacific Enterprises O/G
P.O. Box 3083
Midland, TX 79702

4. Article Number
P574 253 238

Type of Service:
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Address
X

6. Signature - Agent
X *W. Japao*

7. Date of Delivery
3-7-91

8. Addressee's Address (ONLY if requested and fee paid)
MAR 8 1991

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

3. Article Addressed to:
Kaiser - Francis
P.O. Box 21468
Tulsa, OK 74121

4. Article Number
P574 253 241

Type of Service:
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Address
X

6. Signature - Agent
X *DBD*

7. Date of Delivery
MAR 06 1991

8. Addressee's Address (ONLY if requested and fee paid)
Law Office

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

3. Article Addressed to:
Devon Energy Corp.
1500 Mid-America Tower
Oklahoma City, OK 73102

4. Article Number
D574 253 237

Type of Service:
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Address
X *Rhonda Weber*

6. Signature - Agent
X

7. Date of Delivery
3-7-91

8. Addressee's Address (ONLY if requested and fee paid)

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

3. Article Addressed to:
Pago Publishing
P.O. Box 10340
Midland, TX 79702

4. Article Number
P574 253 240

Type of Service:
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Address
X

6. Signature - Agent
X *M. O. Japao*

7. Date of Delivery
3-6-91

8. Addressee's Address (ONLY if requested and fee paid)
MAR 7 1991

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

3. Article Addressed to:
Paco Enterprises
P.O. Box 2760
Midland, TX 79701

4. Article Number
P574 253 236

Type of Service:
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Address
X

6. Signature - Agent
X *M. O. Japao*

7. Date of Delivery
3-5-91

8. Addressee's Address (ONLY if requested and fee paid)
Law Office

LAW OFFICES
LOSEE, CARSON, HAAS & CARROLL, P. A.

ERNEST L. CARROLL
JOEL M. CARSON
JAMES E. HAAS
A. J. LOSEE
—
DEAN B. CROSS
MARY LYNN BOGLE*

300 YATES PETROLEUM BUILDING
P. O. DRAWER 239
ARTESIA, NEW MEXICO 88211-0239

TELEPHONE
(505) 746-3805
TELECOPY
(505) 746-6316

*LICENSED IN ARIZONA ONLY

May 28, 1991

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Phillips Petroleum
P. O. Box 1967
Houston, Texas 77001

Re: Application of Yates Petroleum Corporation
for an Oil Pool Designation Underlying Sec.
16, S/2 of Sec. 9, N/2 Section 21, T-23-S,
R-31-E, N.M.P.M., Eddy County, New Mexico

Gentlemen:

I am enclosing herewith a copy of Yates' Application as captioned above. Please be advised that this has been set to be heard before the Commission in Santa Fe on June 13, 1991. Included is a Waiver for your execution and return to us should you desire to do so.

Very truly yours,

LOSEE, CARSON, HAAS & CARROLL, P.A.

Ernest L. Carroll
Ernest L. Carroll

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4. Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested. 1. ☐ Show to whom delivered, date, and addressee's address. (Extra charge) 2. ☐ Restricted Delivery (Extra charge)	
3. Article Addressed to: <i>Phillips Petroleum</i> <i>P.O. Box 1967</i> <i>Houston, TX 77001</i>	4. Article Number <i>P916 634371</i> Type of Service: ☐ Registered ☐ Insured ☒ Certified ☐ COD ☐ Express Mail ☐ Return Receipt for Merchandise Always obtain signature of addressee or agent and DATE DELIVERED.
5. Signature — Address X <i>[Signature]</i>	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature — Agent X <i>[Signature]</i>	
7. Date of Delivery <i>JUN 03 1991</i>	

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

3. Article Addressed to: <i>Meridian Oil, Inc.</i> <i>21 Santa Drive</i> <i>Midland, TX 79705</i>		4. Article Number <i>P916 634370</i> Type of Service: ☐ Registered ☐ Insured ☒ Certified ☐ COD ☐ Express Mail ☐ Return Receipt for Merchandise Always obtain signature of addressee or agent and DATE DELIVERED.
5. Signature — Address X <i>[Signature]</i>	8. Addressee's Address (ONLY if requested and fee paid)	
6. Signature — Agent X <i>[Signature]</i>		
7. Date of Delivery <i>5-29-91</i>		

3. Article Addressed to: <i>Mobil Exploration</i> <i>P.O. Box 910513</i> <i>Dallas, TX 75391</i>		4. Article Number <i>P916 634375</i> Type of Service: ☐ Registered ☐ Insured ☒ Certified ☐ COD ☐ Express Mail ☐ Return Receipt for Merchandise Always obtain signature of addressee or agent and DATE DELIVERED.
5. Signature — Address X <i>[Signature]</i>	8. Addressee's Address (ONLY if requested and fee paid)	
6. Signature — Agent X <i>[Signature]</i>		
7. Date of Delivery <i>MAY 31 1991</i>		

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

LAW OFFICES

LOSEE, CARSON, HAAS & CARROLL, P. A.

ERNEST L. CARROLL
JOEL M. CARSON
JAMES E. HAAS
A. J. LOSEE

300 YATES PETROLEUM BUILDING
P. O. DRAWER 239
ARTESIA, NEW MEXICO 88211-0239

TELEPHONE
(505) 746-3505

TELECOPY
(505) 746-6316

DEAN B. CROSS
MARY LYNN BOGLE*

*LICENSED IN ARIZONA ONLY

May 6, 1991

CERTIFIED MAIL**RETURN RECEIPT REQUESTED**

Santa Fe Energy Company
550 W. Texas, Suite 1330
Midland, TX 79701

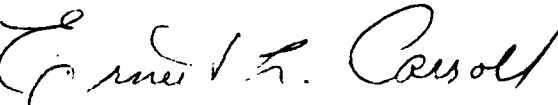
Re: Application of Yates Petroleum Corporation
for an Oil Pool Designation Underlying Sec.
16, S/2 of Sec. 9, N/2 Section 21, T-23-S,
R-31-E, N.M.P.M., Eddy County, New Mexico

Gentlemen:

Please be advised that the hearing date for the above-captioned
matter has been changed to June 13, 1991. I am sorry for any
inconvenience this may have caused you.

Very truly yours,

LOSEE, CARSON, HAAS & CARROLL, P.A.



Ernest L. Carroll

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4. Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.	
1. ☐ Show to whom delivered, date, and addressee's address.	2. ☐ Restricted Delivery (Extra charge)
3. Article Addressed to: <i>Santa Fe Energy 550 W. Texas, Ste 1330 Midland, TX 79701</i>	4. Article Number <i>P916 634 361</i>
Type of Service:	
☐ Registered	☐ Insured
☒ Certified	☐ COD
☐ Express Mail	☐ Return Receipt for Merchandise
Always obtain signature of addressee or agent and DATE DELIVERED.	
5. Signature - Address X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent X <i>Wanda Wade</i>	
7. Date of Delivery <i>5/7</i>	

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4. Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.	
1. ☐ Show to whom delivered, date, and addressee's address.	2. ☐ Restricted Delivery (Extra charge)
3. Article Addressed to: <i>Russ Enterprises P.O. Box 2760 Midland, TX 79701</i>	4. Article Number <i>P916 634 362</i>
Type of Service:	
☐ Registered	☐ Insured
☒ Certified	☐ COD
☐ Express Mail	☐ Return Receipt for Merchandise
Always obtain signature of addressee or agent and DATE DELIVERED.	
5. Signature - Address X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent X <i>Mike</i>	
7. Date of Delivery <i>MAY 15 1991</i>	

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4. Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.	
1. ☐ Show to whom delivered, date, and addressee's address.	2. ☐ Restricted Delivery (Extra charge)
3. Article Addressed to: <i>Francis Dril P.O. Box 21468 Julesburg, OK 74421</i>	4. Article Number <i>P916 634 366</i>
Type of Service:	
☐ Registered	☐ Insured
☒ Certified	☐ COD
☐ Express Mail	☐ Return Receipt for Merchandise
Always obtain signature of addressee or agent and DATE DELIVERED.	
5. Signature - Address X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent X <i>JA</i>	
7. Date of Delivery <i>MAY 13 1991</i>	

DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.
1. ☐ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to: <i>Pogo Producing Co</i> <i>P.O. Box 10340</i> <i>Midland, TX 79702</i>	4. Article Number <i>P 916 634 373</i> Type of Service: ☐ Registered ☐ Insured ☒ Certified ☐ COD ☐ Express Mail ☐ Return Receipt for Merchandise Always obtain signature of addressee or agent and DATE DELIVERED .
5. Signature - Address <i>M. Ochoa</i>	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent <i>M. Ochoa</i>	
7. Date of Delivery <i>5-15-91</i>	

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.
1. ☐ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to: <i>Pacific Enterprises</i> <i>P.O. Box 3083 Oil Co.</i> <i>Midland, TX 79702</i>	4. Article Number <i>P 916 634 367</i> Type of Service: ☐ Registered ☐ Insured ☒ Certified ☐ COD ☐ Express Mail ☐ Return Receipt for Merchandise Always obtain signature of addressee or agent and DATE DELIVERED .
5. Signature - Address <i>[Signature]</i>	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent <i>[Signature]</i>	
7. Date of Delivery <i>5-10</i>	

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.
1. ☐ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to: <i>Devon Energy Corp</i> <i>1500 Mid-America Tower</i> <i>Oklahoma City, OK 73102</i>	4. Article Number <i>P 916 634 363</i> Type of Service: ☐ Registered ☐ Insured ☒ Certified ☐ COD ☐ Express Mail ☐ Return Receipt for Merchandise Always obtain signature of addressee or agent and DATE DELIVERED .
5. Signature - Address <i>X</i>	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent <i>X</i> <i>R. Wade</i>	
7. Date of Delivery <i>5/9/91</i>	

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested. 1. ☐ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)	
3. Article Addressed to: <i>Marathon Oil Co</i> <i>P.O. Box 5552</i> <i>Midland, TX 79702</i>	4. Article Number <i>P 916 634 364</i> Type of Service: ☐ Registered ☐ Insured ☒ Certified ☐ COD ☐ Express Mail ☐ Return Receipt for Merchandise Always obtain signature of addressee or agent and DATE DELIVERED .
5. Signature - Address <i>X</i>	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent <i>X</i> <i>Shirley Colubuck</i>	
7. Date of Delivery <i>MAY 6 1991</i>	

DOMESTIC RETURN RECEIPT

4 116 000 0 4000-010-000

NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

APPLICATION FOR DISCOVERY ALLOWABLE AND CREATION OF A NEW POOL

NOTE: This form is to be filed and attachments made in accordance with the provisions of Rule 909.
If discovery is claimed for more than one zone, separate forms must be filed for each.

Operator YATES PETROLEUM CORPORATION		Address 105 South 4th Street, Artesia, NM 88210	
Lease State Medano VA State		Well No. 1	County Eddy
Well Location Unit Letter K ; 1947 Feet from The South Line and 1986 Feet From the West Line of Section 16 Township 23-S Range 31-E NE/4 Suggested Pool Names (List in order of preference) 1. Medano Delaware 2. Los Medanos (Delaware) 3. Sand Dunes North (Delaware)			
Name of Producing Formation Delaware Sand		Perforations 4218-26', 4229-37', 7825-28', 7838-44', 7846-56'	
Is "Affirmative Discovery" Previously Filed For This Well in this Pool? No		Date Well was Spudded 4/15/71	Date of Filing Form C-109 11-14-90 (4218-37')
Total Depth 15000'	Plugged Back Depth 8000'	Depth Casing Shoe 12444'	Tabling Depth 7800'
Elevation (Gr., DF, RKB, RT, etc.) 3381' KB; 3358' GR			
Oil Well Potential (Test to be taken only after all lead oil has been recovered) 146 Bbls. Oil Per Day Based On 146 Bbls In 24 Hours; 110 Bbls Water Per Day Based On 110 Bbls In 24 Hours; Gas Production During Test: 45.5 MCF; Gas-Oil Ratio: 312 Method Of Production: Pump Chk. Size			

NEAREST PRODUCTION TO THIS DISCOVERY (Includes past and present oil or gas producing areas and zones whether this discovery is based on horizontal or vertical separation):

Pool Name West Sand Dunes Morrow	Name of Producing Formation Morrow	Top of Pay 14011'	Bottom of Pay 14092'	Currently Producing? SIWOPLC
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Pool 1894' Northwest		Vertical Distance from Subject Discovery Zone to Producing Interval in Pool 6155'		

NEAREST COMPARABLE PRODUCTION (Includes past and present oil or gas production from this pay or formation only):

Pool Name Sand Dunes Cherry Canyon	Top of Pay 5996'	Bottom of Pay 6125'	Currently Producing? Yes
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Comparable Pool 2.5 miles east-southeast			

Is "County Pump" Discovery Allowable Requested for Subject Discovery Well? No	If Yes, Give Name, Location, and Depth of Next Deepest Oil Production in this County
---	--

Is the Subject Well Multiple Completion? No	Is Discovery Allowable Requested for other Zone(s)?	If Yes, Name all Such Formations
---	---	----------------------------------

LIST ALL OPERATORS OWNING LEASES WITHIN ONE MILE OF THIS WELL (Attach additional sheet if necessary)

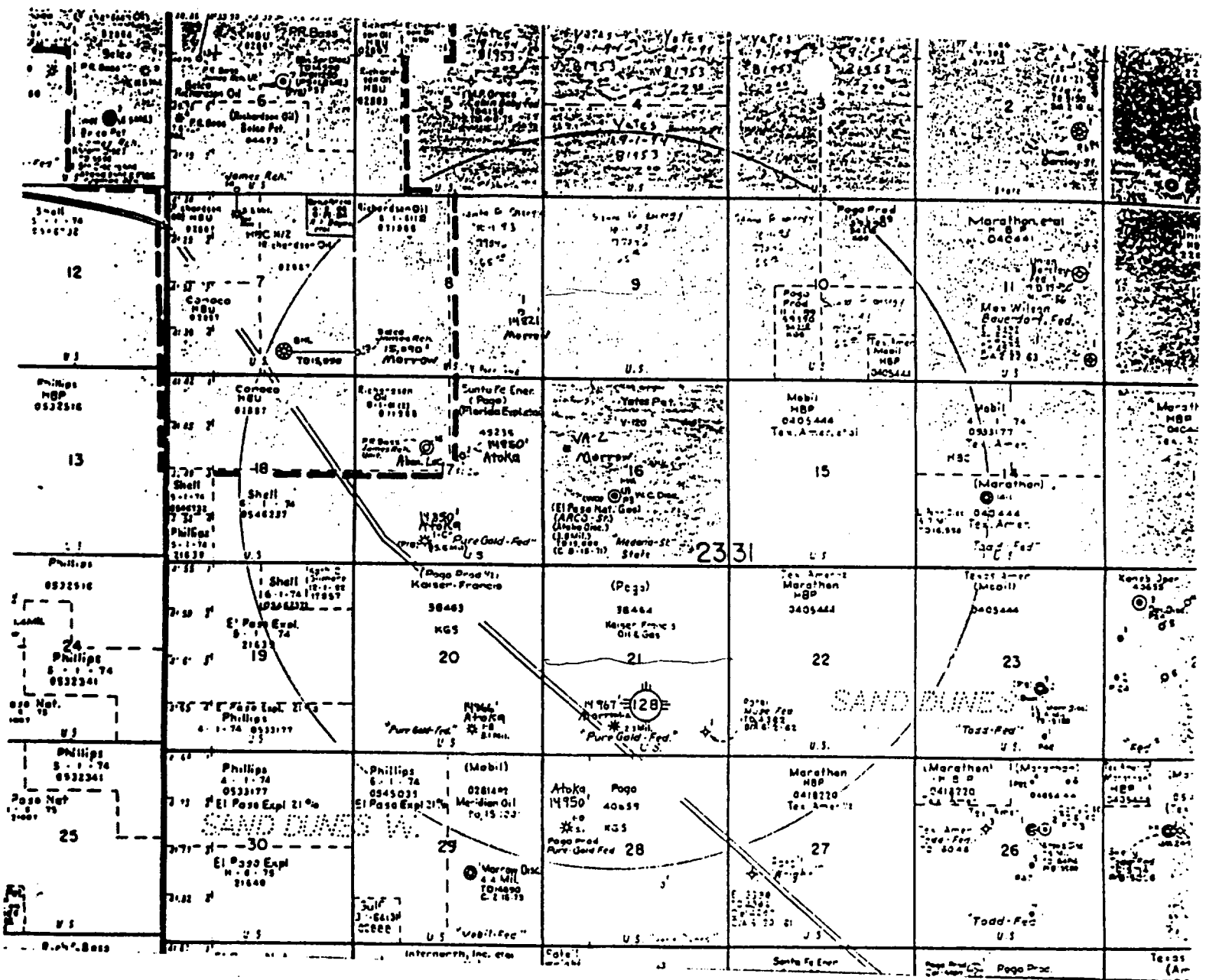
NAME	ADDRESS
Santa Fe Energy	550 W. Texas, Ste. 1330, Midland, TX 79701
Kaiser Francis Oil & Gas	PO Box 84234, Dallas, TX 75284
Mobil E&P	PO Box 84080, Dallas, TX 75284
Marathon Oil Company	PO Box 552, Midland, TX 79702

Attach evidence that all of the above operators have been furnished a copy of this application. Any of said operators who intends to object to the design of the subject well as a discovery well, eligible to receive a discovery allowable, must notify the appropriate District Office and the Santa Fe Office or Division of such intent in writing within ten days after receiving a copy of this application.

Because of the extensive depth difference between the top and bottom Delaware Sand intervals (3638'), Yates Petroleum requests the basic depth bracket allowable for the captioned well be based on the average completion depth $(4218' + 7856' / 2 = 6037')$ of 6037' instead of the shallowest perforation depth of 4218'. We have no incentive to develop the shallowest interval based on existing depth bracket allowable rules.

I hereby certify that all rules and regulations of the New Mexico Oil Conservation Division have been followed and that it is my opinion that a bona fide discovery of a hitherto unknown common source of oil supply has been made and that the discovery is allowable for the subject well. If authorized, will be produced from the subject zone in this well attached hereto to true and complete to the best of my knowledge and belief.

YATES PETROLEUM CORP.
BEFORE EXAMINER STOGNER
N.M. O.C.D. CASE NO. 10327
DATE: 06/13/91
EXHIBIT NO. **4**



ATTACHMENT 1
 Medano VA State #1
 1947' FSL, 1986' FWL
 Unit K, Sec. 16-23S-31E
 Eddy County, New Mexico

Mike Bunch

ATTACHMENT 2
Medano VA State #1
K-16-20S-31E

1. Complete electrical log was filed in 1971 when the well was originally drilled. The tops and bottoms of the producing intervals are shown on the application form C-109. There are no nearby Delaware Sand wells.
2. No subsurface structural map or geologic cross-section is attached for the following reasons:
 - a) The nearest Delaware Sand production is 2.5 miles to the southeast in the Sand Dunes Cherry Canyon pool. The Cherry Canyon member is not productive in the Medano VA State #1.
 - b) The Medano VA State #1 is productive from the Bell Canyon member (4218-37') and the Brushy Canyon member (7825-56') of the Delaware Sand. No other Bell Canyon member or Brushy Canyon member production exists in T23S, R31E.
3. Bottomhole pressure data, reservoir liquid characteristics, core analyses and other reservoir data are not available.

IN THE MATTER OF THE APPLICATION OF
YATES PETROLEUM CORPORATION FOR THE
CREATION OF A NEW POOL AND FOR
SPECIAL POOL RULES, EDDY COUNTY,
NEW MEXICO

CASE NO. _____

By: Diagelis Per

Date 4-10-91

YATES PETROLEUM CORP.
BEFORE EXAMINER STOGNER
N.M. O.C.D. CASE NO. 10327
DATE: 06/13/91
EXHIBIT NO. 5

BEFORE THE OIL CONSERVATION DIVISION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF
YATES PETROLEUM CORPORATION FOR THE
CREATION OF A NEW POOL AND FOR
SPECIAL POOL RULES, EDDY COUNTY,
NEW MEXICO

:
: CASE NO. _____
:
:
:
:

WAIVER

As an offset operator, MERIDIAN OIL, INC. has no objections to Yates Petroleum Corporation's Application for the Creation of a New Pool and for Special Pool Rules in Eddy County, New Mexico.

By: Connie Malik
Regulatory Compliance Rep.
Title
6-7-91
Date

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



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210
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

GEOLOGICAL EXPLANATION OF THE PROPOSED MEDANO DELAWARE POOL, EDDY COUNTY, NEW MEXICO

The proposed Medano Delaware Pool will encompass the south half of Section 9, Section 16, and the north half of Section 21 of Township 23S - Range 31E. The pool will be located at the eastern edge of the Sand Dunes West Atoka Pool and two and one-half miles west of the Sand Dunes Cherry Canyon Pool.

The stratigraphic cross-section A - A' is oriented north - south and shows the two productive zones of the Delaware. The upper part of the cross-section, using the top of the Delaware as a datum, shows the Medano zone within the upper Bell Canyon Formation. The lower part of the cross-section, using a shale marker as a datum, shows the Basal Brushy zone, which is in the lower Brushy Canyon Formation and approximately 250 feet above the top of the Bone Spring Formation. The reservoirs are colored orange. Both the Medano and Basal Brushy zones are within the Permian Delaware Group.

The Bell Canyon structure map, using the top of the Bell Canyon as a datum, shows a general eastward dip. A structural high, with closure, is present in Section 16 of 23S - 31E. This structural high enhances production and suggests the Medano zone will be "wet" to the south.

The Medano zone net porosity map shows the limits of the reservoir. This zone is interpreted as a submarine channel facies trending north - south. The net porosity map represents the thickness of the reservoir with a porosity of 22% or greater. The cutoff value of 22% is used because it appears to distinguish between productive and nonproductive reservoirs.

The Basal Brushy Canyon structure map, with the top of a shale marker as a datum, shows a general eastward dip.

The Basal Brushy zone net porosity map shows the outline of the reservoir and illustrates the depositional pattern of a submarine fan system and its associated channel complex. A cutoff value of 18% was used for this map. Lower porosities will produce at greater depths, thus 18% was used instead of the 22% utilized for the Medano zone. The east channel has been tested and proven productive, while the west channel is untested.

In summary, the Medano zone is productive throughout most of the proposed pool and "wet" to the south. The Basal Brushy zone is also productive in this proposed pool, but the west channel is untested. Both the Medano and Basal Brushy zones are within the Delaware. Neither of these zones are stratigraphically equivalent to the productive zones found in the Sand Dunes Cherry Canyon Pool, which is the nearest established Delaware production.

YATES PETROLEUM CORP.
BEFORE EXAMINER STOGNER
N.M. O.C.D. CASE NO. 10327
DATE: 06/13/91

YATES PETROLEUM CORP.

BEFORE EXAMINER STOGNER
N.M. O.C.D. CASE NO. 10327
DATE: 06/13/91
EXHIBIT NO. **7A**OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.	30-015-20423
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil & Gas Lease No.	V-120

WELL COMPLETION OR RECOMPLETION REPORT AND LOG							
1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER RECOMPLETION							
b. Type of Completion: NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☒ OTHER ☐							
2. Name of Operator YATES PETROLEUM CORPORATION (505/748-1471)			8. Well No. 1				
3. Address of Operator 105 South 4th St., Artesia, NM 88210			9. Pool name or Wildcat Undes. Delaware				
4. Well Location Unit Letter <u>K</u> : <u>1947</u> Feet From The <u>South</u> Line and <u>1986</u> Feet From The <u>West</u> Line Section <u>16</u> Township <u>23S</u> Range <u>31E</u> NMPM Eddy County							
10. Date Spudded RECOMPLETION 10-11-90	11. Date T.D. Reached -	12. Date Compl. (Ready to Prod.) 10-30-90	13. Elevations (DF & RKB, RT, GR, etc.) 3358' GR	14. Elev. Casinghead			
15. Total Depth 12175'	16. Plug Back T.D. 5935'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary-Tools Pulling Unit	Cable Tools			
19. Producing Interval(s), of this completion - Top, Bottom, Name 4218-26'; 4229-37' Delaware				20. Was Directional Survey Made No			
21. Type Electric and Other Logs Run None for recompletion.				22. Was Well Cored No			
23. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
20"	94#	600'	26"	1000 sx (in place)			
13-3/8"	61#	4400'	17 1/2"	3500 sx (in place)			
9-5/8"	43.4#	12500'	12 1/2"	1200 sx (in place)			
24. LINER RECORD							
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN			
25. TUBING RECORD							
SIZE	DEPTH SET	PACKER SET					
2-7/8"	4302'						
26. Perforation record (interval, size, and number) 4218-26'; 4229-37' w/64 - .40" Holes (4 SPF)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
			DEPTH INTERVAL				
			AMOUNT AND KIND MATERIAL USED				
			4218-4237' w/1500gal 7 1/2% NEFE acid + ball sealers.				
28. PRODUCTION							
Date First Production 10-19-90		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping			Well Status (Prod. or Shut-in) Producing		
Date of Test 10-30-90	Hours Tested 24	Choke Size Open	Prod'n For Test Period	Oil - Bbl 66	Gas - MCF 30	Water - Bbl 40	Gas - Oil Ratio 455
Flow Tubing Press. 30	Casing Pressure 30	Calculated 24-Hour Rate	Oil - Bbl 66	Gas - MCF 30	Water - Bbl 40	Oil Gravity - API - (Corr.) 38° (est)	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Gas used on lease for engine.					Test Witnessed By Larry Raga		
30. List Attachments None							
31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief							
Signature <u>Juanita Goodlett</u>		Printed Name <u>Juanita Goodlett</u>		Title <u>Production Supvr</u>		Date <u>11-14-90</u>	

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy	T. Canyon
T. Salt	T. Strawn 13095
B. Salt 2800	T. Atoka 13266
T. Yates	T. Miss 13892
T. 7 Rivers	T. Devonian
T. Queen	T. Silurian
T. Grayburg	T. Montoya
T. San Andres	T. Simpson
T. Glorieta	T. McKee
T. Paddock	T. Ellenburger
T. Blinberry	T. Gr. Wash
T. Tubb	T. Delaware Sand 4147
T. Drinkard	T. Bone Springs 8050
T. Abo	T.
T. Wolfcamp 10904	T.
T. Penn	T.
T. Cisco (Bough C)	T.

Northwestern New Mexico

T. Ojo Alamo	T. Penn. "B"
T. Kirtland-Fruitland	T. Penn. "C"
T. Pictured Cliffs	T. Penn. "D"
T. Cliff House	T. Leadville
T. Menefee	T. Madison
T. Point Lookout	T. Elbert
T. Mancos	T. McCracken
T. Gallup	T. Ignacio Otzte
Base Greenhorn	T. Granite
T. Dakota	T.
T. Morrison	T.
T. Todilto	T.
T. Entrada	T.
T. Wingate	T.
T. Chinle	T.
T. Permian	T.
T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....	No. 3, from.....to.....
No. 2, from.....to.....	No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....	feet.....
No. 2, from.....to.....	feet.....
No. 3, from.....to.....	feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
			REFER TO ORIGINAL COMPLETION.				

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO. 30-015-20423
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. V-120
7. Lease Name or Unit Agreement Name Medano VA State
8. Well No. 1
9. Pool name or Wildcat Undes. Delaware
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3358' GR

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER ☐	2. Name of Operator YATES PETROLEUM CORPORATION (505) 748-1471
3. Address of Operator 105 South 4th St., Artesia, New Mexico 88210	4. Well Location Unit Letter K : 1947 Feet From The South Line and 1986 Feet From The West Line Section 16 Township 23S Range 31E NMPM Eddy County

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐
PULL OR ALTER CASING ☐	OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐	ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐	OTHER: Perforate & treat ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Well completed in Delaware perforations 4218-4237'.

12-5-90. RUPU. POOH w/tubing and anchor. Released RBP @ 5900' and moved RBP to 8000'. POOH w/tubing. Perforated 7825-28', 7838-44', 7846-56' w/76 - .42" holes (4 SPF).

12-12-90. Acidized perforations 7825-7856' w/2000 gals 7½% NEFE acid and ball sealers.

12-15-90. Frac'd perforations 7825-7856' w/20000 gals x-link gelled 2% KCL water + 40000# 20/40 sand.

12-19-90. Hung well on pump. Returned well to production.

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

SIGNATURE Juanita Goodlett TITLE Production Supervisor DATE 12-27-90
TYPE OR PRINT NAME Juanita Goodlett TELEPHONE NO. 505/748-1471

(This space for State Use)
ORIGINAL SIGNED BY
MIKE WILLIAMS
SUPERVISOR, DISTRICT II

APPROVED BY _____ TITLE _____ DATE JAN 4 1991

CONDITIONS OF APPROVAL, IF ANY:

no partners 1-31-91 cs

YATES PETROLEUM CORP.
BEFORE EXAMINER STOGNER
N.M. O.C.D. CASE NO. 10327
DATE: 06/13/91
EXHIBIT NO. **7B**

L CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO. 30-015-26591
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. V-120

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		7. Lease Name or Unit Agreement Name Medano VA State	
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DEEP RESVR ☐ OTHER ☐		8. Well No. 3	
2. Name of Operator YATES PETROLEUM CORPORATION		9. Pool name or Wildcat Wildcat Canyon	
3. Address of Operator 105 South 4th St., Artesia, NM 88210			
4. Well Location Unit Letter <u>F</u> ; <u>2310</u> Feet From The <u>North</u> Line and <u>1650</u> Feet From The <u>West</u> Line Section <u>16</u> Township <u>23S</u> Range <u>31E</u> NMPM <u>Eddy</u> County			
10. Date Spudded 1-2-91	11. Date T.D. Reached 1-17-91	12. Date Compl. (Ready to Prod.) 2-21-91	13. Elevations (DFA & RKB, RT, GR, etc.) 3349' GR
14. Elev. Casinghead			
15. Total Depth 8130'	16. Plug Back T.D. 8067'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools 0-TD Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 7791-7826'; 7924-7979' Canyon			20. Was Directional Survey Made No
21. Type Electric and Other Logs Run CNL/FDC; DLL			22. Was Well Cored No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"		40'	26"	Redi-Mix	
13-3/8"	54.5#	525'	17 1/2"	625 sx	
8-5/8"	32#	4140'	11"	1600 sx	
5 1/2"	15.5 & 17#	8130'	7-7/8"	1325 sx	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	7760'	-

26. Perforation record (interval, size, and number) 7924-7969' w/30 - .50" Holes 7791-7826' w/27 - .50" Holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	7924-69'	w/2500g OSA acid. SF w/5000g
	7791-7826'	X-link gel+9000# 20/40 sd w/2500g 7 1/2% acid. SF w/10000g

28. PRODUCTION		X-link gel+27000# 20/40 sd	
Date First Production 2-3-91	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping		Well Status (Prod. or Shut-in) Producing
Date of Test 2-21-91	Hours Tested 24	Choke Size Open	Prod'n For Test Period
Flow Tubing Press. 30#	Casing Pressure -	Calculated 24-Hour Rate	Oil - bbl. 157 Gas - MCF 44 Water - bbl. 213 Oil Gravity - API - (Corr.) 43° (est)

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented	Test Witnessed By Jerry Wyatt
--	----------------------------------

30. List Attachments Deviation Survey, Logs
--

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Juanita Goodlett Printed Name Juanita Goodlett Title Production Supvr Date 2-26-91

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy /Rustler 534	T. ^{Bell} Canyon 4120	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs 8023	T. Entrada	T.
T. Abo	T. Cherry Canyon 5072	T. Wingate	T.
T. Wolfcamp	T. Brushy Canyon 6855	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....	No. 3, from.....to.....
No. 2, from.....to.....	No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
No. 2, from.....to.....feet.....
No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0	40	40	Surface, Rock				
40	480	440	Anhy, Redbeds				
480	2800	2320	Anhy, Salt				
2800	3110	310	Anhy, Tr. Sh				
3110	3358	248	Anhy, Dolo				
3358	3530	172	Sh, Anhy				
3530	3630	100	Anhy, Dolo				
3630	3894	264	Sh				
3894	4060	166	Anhy, LS, Dolo				
4060	4120	60	Anhy, LS				
4120	4160	40	LS, Sh				
4160	4774	614	Sd, Sh				
4774	5904	320	Sd, Sh, LS				
5094	5548	454	Sd, LS				
5548	6000	452	Sd, Sh, LS				
6000	7280	1280	Sd, Sh				
7280	7340	60	Sd, Sh, LS				
7340	8030	690	Sd, Sh				
8030	8130	100	LS, Sh				

Section 16	Township 23S	Range 31E	NMPM	Eddy	County
10. Elevation (Show whether DF, RKB, RT, GR, etc.)					
3349' GR					

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING CPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐		CASING TEST AND CEMENT JOB ☐	
OTHER: ☐		OTHER: Add Canyon perforations, treat ☒	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

3-15-91. Perforated 4196-4206' and 4210-4213' w/15 - .41" holes (1 SPF). Acidized perfs 4196-4213' w/1500 gals 7½% NEFE acid and 29 ball sealers. Flowed back and swabbed well.

3-16-91. Set pumping equipment. Hang well on.

Perforations open: 4196-4206' and 4210-4213' - Bell Canyon
7791-7826' and 7924-7979' - Brushy Canyon

INSTRUCTIONS

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INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy /Rustler 534	T. Bell Canyon 4120
T. Salt	T. Strawn
B. Salt	T. Atoka
T. Yates	T. Miss
T. 7 Rivers	T. Devonian
T. Queen	T. Silurian
T. Grayburg	T. Montoya
T. San Andres	T. Simpson
T. Glorieta	T. McKee
T. Paddock	T. Ellenburger
T. Blinebry	T. Gr. Wash
T. Tubb	T. Delaware Sand
T. Drinkard	T. Bone Springs 8023
T. Abo	T. Cherry Canyon 5072
T. Wolfcamp	T. Brushy Canyon 6855
T. Penn	T.
T. Cisco (Bough C)	T.

Northwestern New Mexico

T. Ojo Alamo	T. Penn. "B"
T. Kirtland-Fruitland	T. Penn. "C"
T. Pictured Cliffs	T. Penn. "D"
T. Cliff House	T. Leadville
T. Menefee	T. Madison
T. Point Lookout	T. Elbert
T. Mancos	T. McCracken
T. Gallup	T. Ignacio Otzte
Base Greenhorn	T. Granite
T. Dakota	T.
T. Morrison	T.
T. Todilto	T.
T. Entrada	T.
T. Wingate	T.
T. Chinle	T.
T. Permian	T.
T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....	No. 3, from.....to.....
No. 2, from.....to.....	No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
No. 2, from.....to.....feet.....
No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0	40	40	Surface, Rock				
40	480	440	Anhy, Redbeds				
480	2800	2320	Anhy, Salt				
2800	3110	310	Anhy, Tr. Sh				
3110	3358	248	Anhy, Dolo				
3358	3530	172	Sh, Anhy				
3530	3630	100	Anhy, Dolo				
3630	3894	264	Sh				
3894	4060	166	Anhy, LS, Dolo				
4060	4120	60	Anhy, LS				
4120	4160	40	LS, Sh				
4160	4774	614	Sd, Sh				
4774	5904	320	Sd, Sh, LS				
5094	5548	454	Sd, LS				
5548	6000	452	Sd, Sh, LS				
6000	7280	1280	Sd, Sh				
7280	7340	60	Sd, Sh, LS				
7340	8030	690	Sd, Sh				
8030	8130	100	LS, Sh				

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.
30-015-26591

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
V-120

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
OIL WELL ☒ GAS WELL ☐ OTHER Workover ☐

7. Lease Name or Unit Agreement Name

Medano VA State

2. Name of Operator
YATES PETROLEUM CORPORATION (505) 748-1471

8. Well No.
3

3. Address of Operator
105 South 4th St., Artesia, New Mexico 88210

9. Pool name or Wildcat
Wildcat Delaware

4. Well Location
Unit Letter F : 2310 Feet From The North Line and 1650 Feet From The West Line
Section 16 Township 23S Range 31E NMPM Eddy County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
3349' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐

OTHER: Add Canyon perforations, treat ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

3-15-91. Perforated 4196-4206' and 4210-4213' w/15 - .41" holes (1 SPF). Acidized perfs 4196-4213' w/1500 gals 7½% NEFE acid and 29 ball sealers. Flowed back and swabbed well.

3-16-91. Set pumping equipment. Hang well on.

Perforations open: 4196-4206' and 4210-4213' - Bell Canyon
7791-7826' and 7924-7979' - Brushy Canyon

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

SIGNATURE Juanita Goodlett TITLE Production Supervisor DATE 5-9-91
TYPE OR PRINT NAME Juanita Goodlett TELEPHONE NO. 505/748-1471

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: