

EXXON COMPANY, U.S.A.

POST OFFICE BOX 1600 • MIDLAND, TEXAS 79702-1600

March 26, 1990

PRODUCTION DEPARTMENT
SOUTHWESTERN DIVISION

Application for Unorthodox Well Location
and Simultaneous Acreage Dedication
Yates "C" Federal Well No. 36
Unit A, Section 31, T20S, R28E
Avalon Delaware Pool
Eddy County, New Mexico

Mr. William J. LeMay, Director
New Mexico Oil Conservation Division
State Land Office Building
310 Old Santa Fe Trail
Santa Fe, New Mexico 87504

9916

Attention: Mr. David Catanach

Exxon Corporation requests permission to drill the captioned well at an unorthodox well location in the Avalon Delaware Pool and to simultaneously dedicate Unit A to this well and to the existing Yates "C" Federal Well No. 4. Our proposed location for Well No. 36 is 1305' from the north and east lines of Section 31, as shown on the attached Form C-102. This location is 16.7' and 27.5' from the quarter-quarter section boundary, closer than permitted by NMOCD Rule 104.

We have requested this location almost equidistant from existing wells in the northeast quarter of Section 31 in an effort to encounter reserves which the existing wells cannot produce. In addition, we are planning an aggressive coring, logging and testing program for the well, and we anticipate this location will provide significant amounts of information. Thirdly, the proposed location could be utilized in any future post-primary recovery projects requiring increased well density.

We are notifying offset operators by copy if this letter and its attachments. A list of those operators is attached. We request that this application be set for hearing on April 18, 1990.

Sincerely,



Richard D. Goddard
Regulatory Affairs Supervisor

RDG:dbm
Attachments

c: NMOCD District II, Artesia, New Mexico
Bureau of Land Management, Carlsbad Resource Area
Offset Operators
Mr. James Bruce, (Hinkle, Cox, Eaton, Coffield, & Hensley)

Mr. David Catanach

2

Send Overnight Mail

Copies sent Certified Mail - Return Receipt

Addresses:

NMOCD District II
811 South First Street
Artesia, New Mexico 88210

Mr. James Bruce
Hinkle, Cox, Eaton, Coffield, & Hensley
500 Marquette NW, Suite 740
Albuquerque, New Mexico 87102-2121

Bureau of Land Management
Carlsbad Resource Area
P.O. Box 1778
Carlsbad, New Mexico 88220

Attachments:

NMOCD Form C-101
NMOCD Form C-102
BOP Diagram
Offset Operators List

Submit to Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

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

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

API NO. (assigned by OCD on New Wells)

5. Indicate Type of Lease
Federal STATE FEE

6. State Oil & Gas Lease No.
NM 01119

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work: DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Lease Name or Unit Agreement Name Yates "C" Federal	
b. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Well No. 36	
2. Name of Operator Exxon Corporation		9. Pool name or Wildcat Avalon - Delaware	
3. Address of Operator P.O. Box 1600, Midland, TX 79702			
4. Well Location Unit Letter <u>A</u> : <u>1305</u> Feet From The <u>North</u> Line and <u>1305</u> Feet From The <u>East</u> Line Section <u>31</u> Township <u>20 S</u> Range <u>28 E</u> NMPM <u>Eddy</u> County			

10. Proposed Depth 5100		11. Formation Delaware		12. Rotary or C.T. Rotary	
13. Elevations (Show whether DF, RT, GR, etc.) 3232 GL		14. Kind & Status Plug. Bond Blanket		15. Drilling Contractor Unknown	
16. Approx. Date Work will start 4-30-90					

17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2	13 3/8	54.5	600	425 ft ³	Surf
11	8 5/8	32,24	2500	1050 ft ³	Surf
7 7/8	5 1/2	14,15.5	5000	600 ft ³	2000 +-

The BOPs will be a minimum 2000 psi WP. BOP sketch attached.
Distance from 1/4 1/4 section line: 16.7' FSL & 27.5' FWL.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE Charlotte Harper TITLE Permits Supervisor DATE 3-26-90
TYPE OR PRINT NAME Charlotte Harper (915) 688-7548 TELEPHONE NO.

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

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

Submit to Appropriate
District Office
State Lease-4 copies
Fee Lease-3 copies

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section.

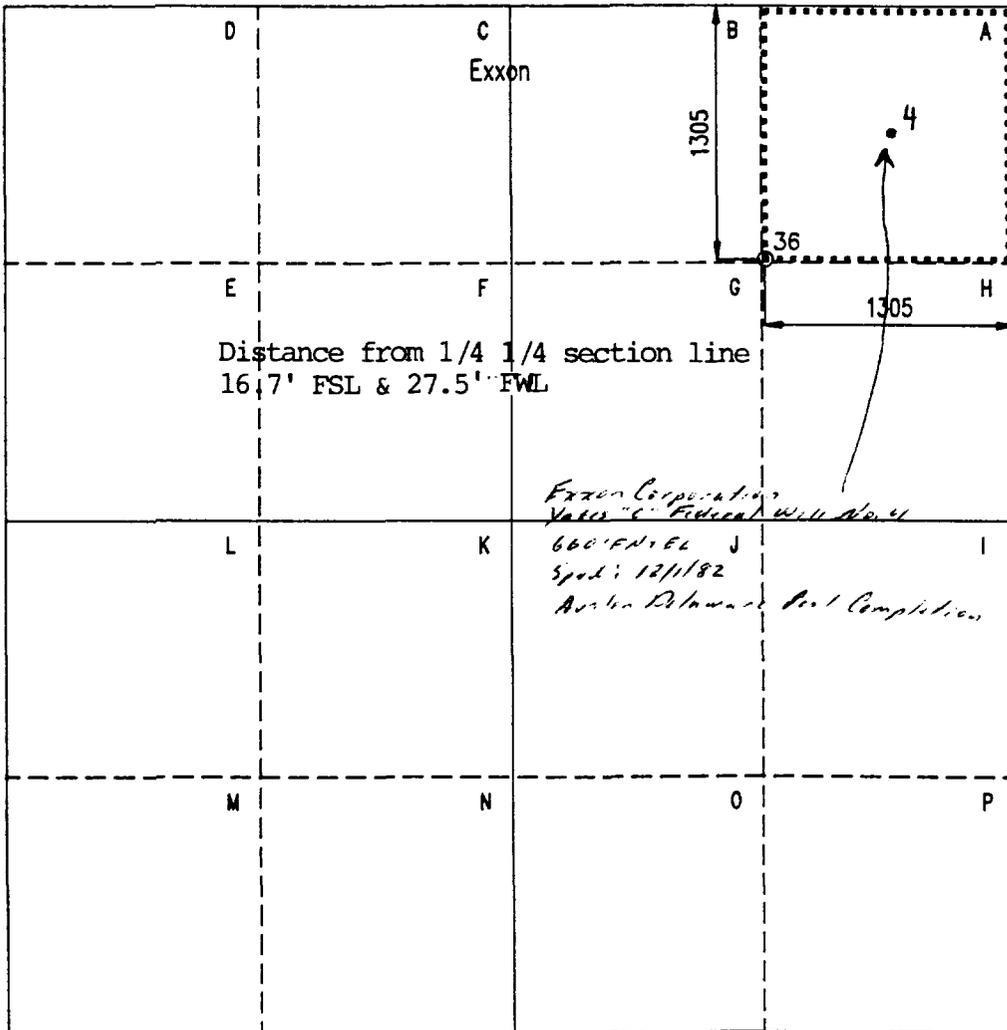
Operator Exxon Corporation			Lease YATES "C" FEDERAL		Well No. 36
Unit Letter A	Section 31	Township 20S	Range 28E	County NMPM	EDDY
Actual Footage Location of Well: 1305 feet from the NORTH line and 1305 feet from the EAST line.					
Ground level Elev. 3232'	Producing Formation DELAWARE		Pool AVALON DELAWARE		Dedicated Acreage: 40 Acres

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

Yes No If answer is "yes", type of consolidation _____

If answer is "no", list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature
Charlotte Harper

Printed Name
Charlotte Harper

Position
PERMITS SUPERVISOR

Company Exxon Corporation
P.O. Box 1600-Midland, Tx.-79702

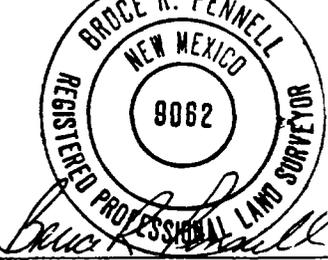
Date
3-23-90

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 knowledge and belief.

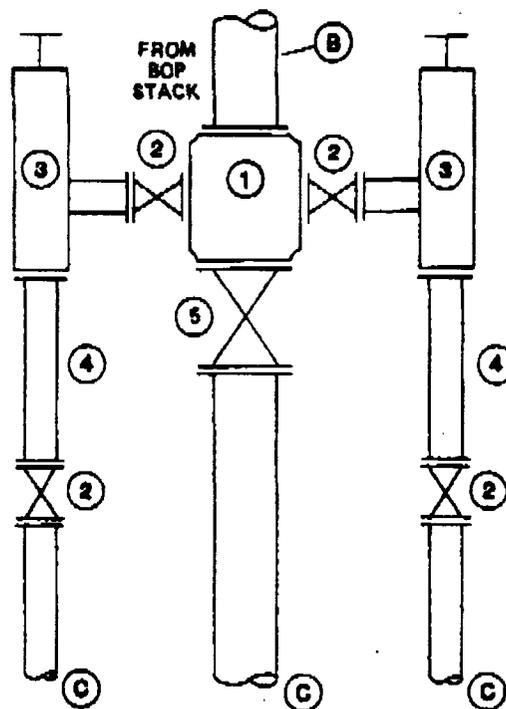
Date Surveyed
3/21/90

Signature & Seal of
Professional Surveyor



Certificate No.
9062

TYPE-2A CHOKE MANIFOLD



TO RESERVE PIT OR FLARE PIT

COMPONENT SPECIFICATIONS

1. Flanged or studded cross - 3" x 3" x 2" x 2" minimum nominal diameter with blind flange and equipped with needle valve and pressure gauge.
2. Flanged plug or gate valve - 2" minimum nominal diameter; valve to have same working pressure rating as choke.
3. Flanged manually adjustable choke equipped with tungsten carbide stems and seats and at least 3/4" orifice opening.
4. Flanged spacer spool - 2" minimum nominal diameter and approximately 18" length.
5. Flanged plug or gate valve - 3" minimum nominal diameter; valve to have same working pressure rating as choke.

NOTE:

- A. The rated working pressure of the choke manifold will be specified in the Bid Letter and Drilling Order and all equipment must conform to the specifications herein.
- B. The choke line between the BOP stack and choke manifold should not contain any unnecessary bends or turns. Any required turns must be made with a running tee and a blind flange or welded bullplug. All connections must be either flanged or welded and all welding must be done by a certified welder.
- C. Flare lines must be laid to the reserve pit or flare pit and must be securely anchored.

Eddy County, New Mexico
March 22, 1990

T-20-S, R-27-E

Section 36

William B. Blakemore, II
Tommy Phipps
Edwin J. White
C/O Alpha Twenty One Corp.
303 W. Wall - Suite 2100
Midland, Tx. 79701

Yates Petroleum Corp.
Yates Drilling Co.
Abo Petroleum Corp.
John A. Yates
S. P. Yates
Myco Industries, Inc.
207 S. 4th
Artesia, NM 88210

MWJ Producing Company
Martin & Williams
William H. Martin
R. Kenneth William
Edward H. Judson
John L. Schlagel
400 W. Illinois
Midland, Tx. 79701

Sigmor Inc.
& LAJ Corp.
400 W. Illinois - Suite 1100
Midland, Tx. 79701

OXY U.S.A. Inc.
P. O. Box 300
Tulsa, OK. 74102

R.

Eddy County, New Mexico
March 22, 1990

T-20-S, R-27-E

Section 25

Amoco Production Company
P. O. Box 3092
Houston, Tx. 77001

Nortex Corp.
1212 Main - Suite 1400
Houston, Tx. 77002

Pennzoil Exploration & Production Company
P. O. Box 2967
Houston, Tx. 77252-2967

Chevron U.S.A. Inc.
P. O. Box 1635
Houston, Tx. 77251

T-205 R-19-E
Section 30

Exxon Corporation
P. O. Box 2305
Houston, Texas 77252-2305

Sun Operating Ltd. Partnership
P. O. Box 2880
Dallas, Texas 75231

Chevron U.S.A.
P. O. Box 1635
Houston, Texas 77251

Yates Petroleum
Myco Industries Inc.
Yates Drilling Co.
ABO Petroleum Co.
105 S. 4th
Artesia, New Mexico 88210

Mesa Petroleum
P. O. Box 2009
Amarillo, Texas 79189

Coquina Oil Corp.
P. O. Box 2960
Midland, Texas 79702

American National Petroleum Co.
P. O. Box 42175
Houston, Texas 77242-2175

North American Royalty Co.
306 W. Wall, Suite 1400
Midland, Texas 79701

Mobil Producing Texas & New Mexico Inc.
P. O. Box 633
Midland, Texas 79702

T-20-S R-28-E
N2, SW, S2SE Section 29

Bureau of Land Management
120 S. Federal Place
Santa Fe, New Mexico 87501

Exxon Corporation
P. O. Box 2305
Houston, Texas 77252-2305

Mary Ard
William A. Hudson II
Edward R. Hudson, Jr.
1000 First National Bank Building
Fort Worth, Texas 77002

Mesa Operating Ltd. Partnership
P. O. Box 2009
Amarillo, Texas 79189

Yates Petroleum
Myco Industries Inc.
Yates Drilling Co.
ABO Petroleum Co.
105 S. 4th
Artesia, New Mexico 88210

Coquina Oil Corp.
P. O. Box 2960
Midland, Texas 79702

Kerr-McGee Corp.
123 Robert S. Kerr Ave.
Oklahoma City, Oklahoma 73102

Rosalind Redfern
P. O. Box 2127
Midland, Texas 79702

Claremont Corp.
2640 E. 12th Avenue, No. 612
Denver, Colorado 80206

North American Royalty Co.
306 W. Wall, Suite 1400
Midland, Texas 79701

William H. Martin, R. Ken Williams,
and Edward H. Judson Partnership
413 First National Bank Bldg.
Midland, Texas 79702

R
Eddy County, New Mexico
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T-20-S, R-28-E

Section 32

George D. Riggs,
Bruce P. Riggs,
& Kay Hood
P. O. Box 322
Carlsbad, NM 88220

A. F. Chisholm
P. O. Box 625
Laurel, MS 39440

Kearney A. Walters
815 Brandon Dr.
Jackson, Av. 39208

E. P. Russell
Homewood
Laurel, MS 39440

Dudley J. Hughes
Box 525
Beeville, Tx. 78102

Dan A. Hughes
Box 525
Beeville, Tx. 78102

R. L. Bunnell
Box 110
Carlsbad, NM 88220

J. A. Morgan
534 6th
Laurel, MS 39440

Exxon Corp.
P. O. Box 1600
Midland, Tx. 79702

Hondo Oil & Gas Company
410 East College
Roswell, NM 88201

Mesa Operating Limited Partnership
Mesa Operating Company
P. O. Box 2009
Amarillo, Tx. 79189

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Section 32

Flag Redfern Oil Company
(now Kerr McGee)
123 Robert S. Kerr Av.
Oklahoma City, OK 73102

Yates Petroleum Corp.
Myco Industries Inc.
Yates Drilling Co.
John A. Yates
Los Chicos
105 S. 4th
Artesia, NM 88210

Napeco, Inc.
P. O. Box 236
Midland, Tx. 79702

Jake L. Hamon
P. O. Box 663
Dallas, Tx. 75221

Lisa Kennedy Hicks
3025 Republic Bank Tower
Dallas, Tx. 75201

Joseph O. Kennedy, III
P. O. Box 302
Dallas, Tx. 75221

Clayton Chapell Kennedy
9421 Thornberry Lane
Dallas, Tx. 75220

Carol Chapell Henry, Trustee
of the 1974 Chapell Trust;
Donald Clayton Chapell
c/o Jake L. Hamon
P. O. Box 663
Dallas, Tx. 75221

Eddy County, New Mexico
March 22, 1990

T-21-S, R-27-E

Section 6

Harvey E. Yates Company
P. O. Box 1933 .
Roswell, NM 88202

Mobil Producing Texas & New Mexico Inc.
P. O. Box 633
Midland, Tx. 79702

Petrus Oil Company
12377 Merit Dr. - Suite 1600
Dallas, Tx. 75251

Hondo Oil & Gas Company
410 East College
Roswell, NM 88291

R

Eddy County, New Mexico
March 22, 1990

T-21-S, R-27-E

Section 7

Monsanto Oil Company
now BHP Petroleum (Americas) Inc.
6 Desta Dr.
Midland, Tx. 79705

Mobil Producing Texas & New Mexico Inc.
P. O. Box 633
Midland, Tx. 79702

Hondo Oil & Gas Company
410 East College
Roswell, NM 88291

Atlantic Richfield Company
P. O. Box 1610
Midland, Tx. 79702

William E. Jeffers
P. O. Box 65
Artesia, NM 88210

R

Eddy County, New Mexico
March 22, 1990

T-21-S, R-27-E

Section 8

Santa Fe Energy Operating Partners LP
500 W. Illinois
Midland, Tx. 79701

Yates Petroleum Corp.
207 S. 4th
Artesia, NM 88210

Mark L. Shidler, Inc.
911 Walker St. - Suite 565
Houston, Tx. 77002

Basin Petroleum Co.
P. O. Box 4028
Albuquerque, NM 87119

Viking Oil & Gas Company
P. O. Box 1267
Minneapolis, MN 55440

H. L. Brown, Jr.
P. O. Box 2237
Midland, Tx. 79702

Vivian L. Smith
2000 W. Loop S. - Suite 1900
Houston, Tx. 77027

Harvard & LeMay Exploration Co.
Harvard Energy Partners
LeMay Exploration LTD
P. O. Box 936
Roswell, NM 88201

Eastern Star Oil & Gas Exploration Co.
7475 W. 5th, Suite 204
Lakewood, CO 80226

W. Wilson Corp.
619 W. Texas, Suite 400
Midland, Tx. 79701

OXY U.S.A. Inc.
P. O. Box 300
Tulsa, OK 74102

Eddy County, New Mexico
March 22, 1990
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Section 8

Prudential Bache Energy Income Production Partnership VP 18
109 Northpark Blvd.
Covington, LA 70433

K

Eddy County, New Mexico
March 22, 1990

T-21-S, R-27-E

Section 9

Yates Petroleum Corp.
Yates Drilling Co.
Abo Petroleum Co.
Myco Industries, Inc.
207 S. 4th
Artesia, NM 88210

OXY U.S.A. Inc.
P. O. Box 300
Tulsa, OK 74102

Ray Westfall
P. O. Box 4
Loco Hills, NM 88255

Hamon Operating Co.
325 N. St. Paul - Suite 3900
Dallas, Tx. 75201-3902

Donald Clayton Chapell
Carol Chapell Henry
C/O Jake L. Hamon
325 N. St. Paul - Suite 3900
Dallas, Tx. 75201-3902

Exxon Corporation
P. O. Box 1600
Midland, Tx. 79702

American National Petroleum Co.
P. O. Box 42175
Houston, Tx. 77242-2175

Estate of William D. Oliver
C/O Pat Fisher
P. O. Box 241
Dallas, Tx. 75221

Jack O. McCall
1210 First City Tower
Midland, tx. 79701

Chas. Cline Moore
138 Harvard
Mill Valley, CA 94941

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T-21-S, R-27-E

Section 9

Petroleum Acquisitions, Inc.
501 NW Expressway
Oklahoma City, OK 73118

Eddy County, New Mexico

T-21-S, R-27-E

Section 4

Hamon Operating
3900 Republic Bank Tower
Dallas TX 75201

Petrus Oil Co
400 West Illinois Avenue
Independence Plaza Suite 940
Midland TX 79701

