

# NSL-4148 NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

BETTY RIVERA

Cabinet Secretary

August 1, 2002

Lori Wrotenbery
Director
Oil Conservation Division

Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210 Telefax No. (505) 748-4572

Attention:

Robert Bullock

Re:

Recompletion of the existing Pathfinder "AFT" State Well No. 3 (API No. 30-005-62636) located 1650 feet from the South line and 2310 feet from the West line (Unit K) of Section 21, Township 10 South, Range 27 East, NMPM, Chaves County, New Mexico, into the Undesignated Diablo-Wolfcamp Gas Pool.

Dear Mr. Bullock:

I have reviewed: (i) your application dated July 26, 2002 (application reference No. pKRV0-221134979); and (ii) the records of the New Mexico Oil Conservation Division ("Division") in Santa Fe: all concerning Yates Petroleum Corporation's ("Yates") request for the above-described well to be recompleted as a Wolfcamp gas well at an unorthodox location within the S/2 of Section 21, being a standard 320-acre lay-down gas spacing unit for the Undesignated Diablo-Wolfcamp Gas Pool. Subsequent to this review your application is not only found to be incomplete and lacking information, I have determined it to be a request for a location exception to Rule 104.C (2) (b), revised by Division Order No. R-11231, issued by the New Mexico Oil Conservation Commission in Case No. 12119 on August 12, 1999 (see copy attached), within an existing spacing unit in the Undesignated Diablo-Wolfcamp Gas Pool. The Division's records in Santa Fe shows that the S/2 of Section 21is currently dedicated to Yates's Pathfinder "AFT" State Well No. 9 (API No. 30-005-62795), which is located at an unorthodox gas well location (approved by Division Administrative Order NSL-4731, dated May 14, 2002) 660 feet from the South line and 2200 feet from the West line (Unit N) of Section 21.

The changes to Division Rule 104 made in 1999 instituted new operating requirements for deep unprorated gas wells in southeast New Mexico whereby operators were given very flexible and liberal location requirements and are automatically allowed to drill one infill well within an existing 320-acre gas spacing unit; however, this one infill well can only be located in the opposite quarter from the units original well. Being an unprorated gas pool, spacing, well density, and location are the only factors available to protect correlative rights, prevent waste, and assure the orderly development of a reservoir.

When these revisions to Rule 104 were under study and review, it was determined by industry representatives, which Yates was an active participant, and Division staff, that in order to assure prudent operations and orderly development of these deep gas reserves, this one well per quarter section rule would need to be strictly adhered to and enforced.

Your request to re-enter and recomplete the Pathfinder "AFT" State Well No. 1 into the Undesignated Diablo-Wolfcamp Gas Pool, thereby resulting in two Wolfcamp gas wells within the SW/4 of the existing lay-down 320-acre gas spacing unit (S/2 of Section 21), is hereby <u>denied</u>.

IT SHALL BE ORDERED THAT, if Yates is currently producing Wolfcamp gas from the subject Pathfinder "AFT" State Well No. 3, such gas production shall be shut-in immediately.

Sincerely,

Michael E. Stogner

Chief Hearing Officer/Engineer

cc: New Mexico Oil Conservation Division, Attention: Tim Gum, Supervisor - Artesia

New Mexico State Land Office - Santa Fe

File: NSL-4731

NSL-4748

William F. Carr, Legal Counsel for Yates Petroleum Corporation – Santa Fe Randy Patterson, Yates Petroleum Corporation - Artesia

LOGGED IN

APP NO. 221/349

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -1220 South St. Francis Drive, Santa Fe, NM 87505



#### **ADMINISTRATIVE APPLICATION CHECKLIST**

				CATIONS FOR EXCEPTIONS TO DIVISION F THE DIVISION LEVEL IN SANTA FE	IULES AND REGULATIONS
Appli	[D	Non-Sta HC-Dow [PC-P	andard Location] [NSP-Non-Standard vnhole Commingling] [CTB-Lease C ool Commingling] [OLS - Off-Lease [WFX-Waterflood Expansion] [PM]	ommingling] [PLC-Pool/Lease Storage] [OLM-Off-Lease Meas X-Pressure Maintenance Expansi Pl-Injection Pressure Increase]	Commingling] surement] on]
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		[C]	Injection - Disposal - Pressure Increa	ase - Enhanced Oil Recovery  IPI EOR PPR	
		[D]	Other: Specify		
[2]	NÓTI	FICAT [A]	TION REQUIRED TO: - Check Those  Working, Royalty or Overriding	****	ply
		[B]	Offset Operators, Leaseholders	or Surface Owner	
	•	[C]	Application is One Which Requ	ures Published Legal Notice	
		[D]	Notification and/or Concurrent U.S. Bureau of Land Management - Commission	Approval by BLM or SLO er of Public Lands, State Land Office	
		[E]		otification or Publication is Attach	ed, and/or,
		[F]	Waivers are Attached		
[3]			CURATE AND COMPLETE INFO	RMATION REQUIRED TO PR	OCESS THE TYPE
	al is acc	urate a	<b>TION:</b> I hereby certify that the inform nd complete to the best of my knowled quired information and notifications are	lge. I also understand that no action	
	_	Note:	Statement must be completed by an individu	ual with managerial and/or supervisory o	apacity.
Print of	ER+ S r Type Nai	Bullo.	CK Kolvert Bulk Signature	Title LANDMAN	7-26-02 Date
. THIC O	. Type Ivai		Signature	1100	
				e-mail Address	

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



105 SOUTH FOURTH STREET ARTESIA, NEW MEXICO 88210-2118

TELEPHONE (505) 748-1471

CERTIFIED MAIL

Return Receipt Requested

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

July 26, 2002

Mr. Michael Stogner New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, NM 87508

Re:

Non-Standard Location Pathfinder ATF St. #3

Township 10 South, Range 27 East Section 21: 1650' FSL & 2310' FWL Chaves County, New Mexico

Dear Mr. Stogner:

Yates Petroleum Corporation respectfully requests administrative approval for a non-standard location for a Wolfcamp gas well, the Pathfinder ATF St. #3. The well is located on State of New Mexico oil and gas lease LG-5246 that covers <u>ALL</u> of Section 21, <u>Township 10 South</u>, <u>Range 27 East</u>, Chaves County, New Mexico.

Yates permitted this well in October 1988 as a 7200' Wildcat Fusselman test and the well was completed as a Fusselman oil well and produced according to the Diablo Fusselman Associated Pool rules. The well status was changed in November 1992 from an oil well to a gas well, however it was still produced according to the Diablo Fusselman Associated Pool rules.

In February 2002 the well was plugged back and completed in the Strawn formation, with the most recent re-completion being in the Wolfcamp formation which is now subject to Undesignated Diablo Wolfcamp Gas Pool rules which requires 320 acre spacing and a 660' set back from the outer boundary of the quarter section. The location of 2310' FWL does not comply with these rules and therefore makes this location non-standard. There is no encroachment involved, as the Yates companies own 100% of the working interest in the Wolfcamp formation in all of Section 21. There are no overriding royalty owners on the Yates working interests and therefore no notification has been given in this application. Yates hereby requests administrative approval to produce this well in the Wolfcamp formation.

Please find enclosed a land plat, C-101, C-102 and an administrative application checklist. If I can provide additional information please call me at (505) 748-4351.

Very truly yours,

YATES PETROLEUM CORPORATION

Thert Bullock

Robert Bullock Landman

RB/bn

#### District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 South First, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV

#### State of New Mexico Energy Minerals and Natural Resources

Form C-101 Revised March 17, 1999

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Submit to appropriate District Office State Lease - 6 Copies Fee Lease - 5 Copies

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Printed name:	Tina Hu	<u>jerta</u>				Title:						
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July 15, 20	002		505-748-1	471		Attach	ned 🗀					

District I

1625 N. French Dr., Hobbs, NM 88240

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised August 15, 2000

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

UL or lot no.

<sup>2</sup> Dedicated Acres

320

1220 S. St. Francis Dr., Santa Fe, NM 87505

Section

13 Joint or Infill

Township

Range

4 Consolidation Code

Lot Idn

OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

Submit to Appropriate District Office State Lease - 4 Copies

Fee Lease - 3 Copies

AMENDED REPORT

County

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East/West line

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

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16			<sup>17</sup> OPERATOR
			CERTIFICATION
			I hereby certify that the information contained herein is
			true and complete to the best of my knowledge and
			belief.
			Signature
			Dina Hurtas
			Printed Name
			Tina Huerta
			Title
			Regulatory Compliance Supervisor
			Date
			h.h. 15, 2000
			July 15, 2002
			<sup>8</sup> SURVEYOR
			CERTIFICATION
			hereby certify that the well location shown on this plat
			vas plotted from field notes of actual surveys made by
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#### 19.15.3.104 WELL SPACING AND LOCATION

- A. Classification Of Wells: Wildcat And Development Wells
  - (1) Wildcat Well
- (a) In San Juan, Rio Arriba, Sandoval, and McKinley Counties a wildcat well is any well to be drilled the spacing unit of which is a distance of two miles or more from:
- (i) the outer boundary of any defined pool that has produced oil or gas from the formation to which the well is projected to be drilled; and
- (ii) any well that has produced oil or gas from the formation to which the proposed well is projected to be drilled.
- (b) In all counties except San Juan, Rio Arriba, Sandoval, and McKinley, a wildcat well is any well to be drilled the spacing unit of which is a distance of one mile or more from:
- (i) the outer boundary of any defined pool that has produced oil or gas from the formation to which the well is projected to be drilled; and
- (ii) any well that has produced oil or gas from the formation to which the proposed well is projected.
  - (2) Development Well
- (a) Any well that is not a wildcat well shall be classified as a development well for the nearest pool that has produced oil or gas from the formation to which the well is projected to be drilled. Such development well shall be spaced, drilled, operated, and produced in accordance with the rules in effect for that pool, provided the well is completed in that pool.
- (b) Any well classified as a development well for a pool but completed in a producing formation not included in the vertical limits of that pool shall be operated and produced in accordance with the rules in effect for the nearest pool that is producing from that formation within the two miles in San Juan, Rio Arriba, Sandoval, and McKinley Counties or within one mile everywhere else. If there is no designated pool for that producing formation within the two miles in San Juan, Rio Arriba, Sandoval, and McKinley Counties or within one mile everywhere else, the well shall be re-classified as a wildcat well.
  - B. Oil Well Acreage And Well Location Requirements
- (1) Any wildcat well that is projected to be drilled as an oil well to a formation and in an area that in the opinion of the Division may reasonably be presumed to be productive of oil rather than gas and each development well for a defined oil pool, unless otherwise provided in special pool orders, shall be located on a spacing unit consisting of approximately 40 contiguous surface acres substantially in the form of a square which is a legal subdivision of the U.S. Public Land Surveys, which is a governmental quarter-quarter section or lot, and shall be located no closer than 330 feet to any boundary of such unit. Only those 40-acre spacing units committed to active secondary recovery projects shall be permitted more than four
- (2) If a well drilled as an oil well is completed as a gas well but does not conform to the applicable gas well location rules, the operator must apply for administrative approval for a non-standard location before the well can produce. The Director may set any such application for hearing.

#### C. Gas Wells Acreage And Well Location Requirements

Any wildcat well that is projected to be drilled as a gas well to a formation and in an area that in the opinion of the Division may reasonably be presumed to be productive of gas rather than oil and each development well for a defined gas pool, unless otherwise provided in special pool orders, shall be spaced and located as follows:

- (1) 640-Acre Spacing applies to any deep gas well in Rio Arriba, San Juan, Sandoval or McKinley County that is projected to be drilled to a gas producing formation older than the Dakota formation or is a development well within a gas pool created and defined by the Division after June 1, 1997 in a formation older than the Dakota formation, which formation or pool is located within the surface outcrop of the Pictured Cliffs formation (i.e., the San Juan Basin). Such well shall be located on a spacing unit consisting of 640 contiguous surface acres, more or less, substantially in the form of a square which is a section and legal subdivision of the U.S. Public Land Surveys and shall be located no closer than: 1200 feet to any outer boundary of the spacing unit, 130 feet to any quarter section line, and 10 feet to any quarter-quarter section line or subdivision inner boundary.
- (2) 320-Acre Spacing applies to any deep gas well in Lea, Chaves, Eddy or Roosevelt County, defined as a well that is projected to be drilled to a gas producing formation or is within a defined

gas pool in the Wolfcamp or an older formation. Such well shall be located on a spacing unit consisting of 320 surface contiguous acres, more or less, comprising any two contiguous quarter sections of a single section that is a legal subdivision of the U.S. Public Land Surveys provided that:

- (a) the initial well on a 320-acre unit is located no closer than 660 feet to the outer boundary of the quarter section on which the well is located and no closer than 10 feet to any quarter-quarter section line or subdivision inner boundary;
- (b) only one infill well on a 320-acre unit shall be allowed provided that the well is located in the quarter section of the 320-acre unit not containing the initial well and is no closer than 660 feet to the outer boundary of the quarter section and no closer than 10 feet to any quarter-quarter section line or subdivision inner boundary; and
- (c) the Division-designated operator for the infill well is the same operator currently designated by the Division for the initial well.
- (3) 160-Acre Spacing applies to any other gas well not covered above. Such well shall be located in a spacing unit consisting of 160 surface contiguous acres, more or less, substantially in the form of a square which is a quarter section and a legal subdivision of the U.S. Public Land Surveys and shall be located no closer than 660 feet to any outer boundary of such unit and no closer than 10 feet to any quarter-quarter section or subdivision inner boundary.

#### D. Acreage Assignment

- (1) Well Tests and Classification. It is the responsibility of the operator of any wildcat or development gas well to which more than 40 acres has been dedicated to conduct a potential test within 30 days following completion of the well and to file the test with the Division within 10 days following completion of the test. (See Rule 401)
- (a) The date of completion for a gas well is the date of the conclusion of active completion work on the well.
- (b) If the Division determines that a well should not be classified as a gas well, the Division will reduce the acreage dedicated to the well to the standard acreage for an oil well. Failure of the operator to file the test within the specified time will also subject the well to such acreage reduction.
- (2) Non-Standard Spacing Units. Any well that does not have the required amount of acreage dedicated to it for the pool or formation in which it is completed may not be produced until a standard spacing unit for the well has been formed and dedicated or until a non-standard spacing unit has been approved.
- (a) Division District Offices have the authority to approve non-standard spacing units without notice when the unorthodox size or shape is necessitated by a variation in the legal subdivision of the U. S. Public Land Surveys and/or consists of an entire governmental section and the non-standard spacing unit is not less than 70% or more than 130% of a standard spacing unit. The operator must obtain Division approval of Division Form C-102 showing the proposed non-standard spacing unit and the acreage contained therein.
- (b) The Director may grant administrative approval to non-standard spacing units after notice and opportunity for hearing when an application has been filed and the unorthodox size or shape is necessitated by a variation in the legal subdivision of the U.S. Public Land Surveys or the following facts exist:
- (i) the non-standard spacing unit consists of: (A) a single quarter-quarter section or lot or (B) quarter-quarter sections or lots joined by a common side; and
- (ii) the non-standard spacing unit lies wholly within: a single quarter section if the well is completed in a pool or formation for which 40, 80, or 160 acres is the standard spacing unit size; a single half section if the well is completed in a pool or formation for which 320 acres is the standard spacing unit size; or a single section if the well is completed in a pool or formation for which 640 acres is the standard spacing unit size.
- (c) Applications for administrative approval of non-standard spacing units pursuant to Subsection D, Paragraph (2), Subparagraph (b) of 19.15.3.104 NMAC shall be submitted to the Division's Santa Fe Office and accompanied by: (i) a plat showing the spacing unit and an applicable standard spacing unit for that pool or formation, the proposed well dedications and all adjoining spacing units; (ii) a list of affected persons as defined in Rule 1207.A(2); and (iii) a statement discussing the reasons for the formation of the non-standard spacing unit.

- (d) The applicant shall submit a statement attesting that the applicant, on or before the date the application was submitted to the Division, sent notification to the affected persons by submitting a copy of the application, including a copy of the plat described in Subparagraph (c) above, by certified mail, return receipt requested, advising them that if they have an objection it must be filed in writing within 20 days from the date the Division receives the application. The Director may approve the application upon receipt of waivers from all the notified persons or if no person has filed an objection within the 20-day period.
  - (e) The Director may set for hearing any application for administrative approval.
- (3) Number of Wells Per Spacing Unit. Exceptions to the provisions of statewide rules or special pool orders concerning the number of wells allowed per spacing unit may be permitted by the Director only after notice and opportunity for hearing. Notice shall be given to those affected persons defined in Rule 1207.A.(2).
- E. Forms Form C-102 "Well Location and Acreage Dedication Plat" for any well shall designate the exact legal subdivision dedicated to the well. Form C-101 "Application for Permit to Drill, Deepen, or Plug Back" will not be approved without an acreage designation on Form C-102.

#### F. Unorthodox Locations

- (1) Well locations for producing wells and/or injection wells that are unorthodox based on the requirements of Subsection B above and are necessary for an efficient production and injection pattern within a secondary recovery, tertiary recovery, or pressure maintenance project are hereby authorized, provided that the unorthodox location within the project is no closer than the required minimum distance to the outer boundary of the lease or unitized area, and no closer than 10 feet to any quarter-quarter section line or subdivision inner boundary. These locations shall only require such prior approvals as are necessary for an unorthodox location.
- (2) The Director may grant an exception to the well location requirements of Subsections B and C above or special pool orders after notice and opportunity for hearing when the exception is necessary to prevent waste or protect correlative rights.
- (3) Applications for administrative approval pursuant to Subsection F, Paragraph (2) above shall be submitted to the Division's Santa Fe Office accompanied by (a) a plat showing the spacing unit, the proposed unorthodox well location and the adjoining spacing units and wells; (b) a list of affected persons as defined in Rule 1207.A(2); and (c) information evidencing the need for the exception. Notice shall be given as required in Rule 1207.A(2).
- (4) The applicant shall submit a statement attesting that applicant, on or before the date that the application was submitted to the Division, sent notification to the affected persons by submitting a copy of the application, including a copy of the plat described in Subsection F, Paragraph (3) above, by certified mail, return receipt requested, advising them that if they have an objection it must be filed in writing within 20 days from the date the Division receives the application. The Director may approve the unorthodox location upon receipt of waivers from all the affected persons or if no affected person has filed an objection within the 20-day period.
- (5) The Director may set for hearing any application for administrative approval of an unorthodox location.
- (6) Whenever an unorthodox location is approved, the Division may order any action necessary to offset any advantage of the unorthodox location.

#### G. Effect On Allowables

- (1) If the drilling tract is within a prorated/allocated oil pool or is subsequently placed within such pool and the drilling tract consists of less than 39½ acres or more than 40½ acres, the top unit allowable for the well shall be increased or decreased in the proportion that the number of acres in the drilling tract bears to 40.
- (2) If the drilling tract is within a prorated/allocated gas pool or is subsequently placed within such pool and the drilling tract consists of less than 158 acres or more than 162 acres in 160-acre pools, or less than 316 acres or more than 324 acres in 320-acre pools, or less than 632 acres or more than 648 acres in 640-acre pools, the top allowable for the well shall be decreased or increased in the proportion that the number of acres in the drilling tract bears to a standard spacing unit for the pool.
- (3) In computing acreage under Paragraphs (1) and (2) above, less than ½ acre shall not be counted but ½ acre or more shall count as one acre.
- (4) The provisions of Paragraphs (1) and (2) above shall apply only to wells completed after January 1, 1950.

- H. Division-Initiated Exceptions In order to prevent waste, the Division may, after hearing, set different spacing requirements and require different acreage for drilling tracts in any defined oil or gas pool.
  - I. Pooling Or Communitization Of Small Oil Lots
- (1) The Division may approve the pooling or communitization of fractional oil lots of 20.49 acres or less with a contiguous oil spacing unit when the ownership is common and the tracts are part of the same lease with the same royalty interests if the following requirements are satisfied:
- (a) Applications for administrative approval shall be submitted to the Division's Santa Fe Office and accompanied by: (i) a plat showing the dimensions and acreage involved, the ownership of such acreage, the location of all existing and proposed wells and all adjoining spacing units; (ii) a list of affected persons as defined in Rule 1207.A(2); and (iii) a statement discussing the reasons for the pooling or communitization.
- (b) The applicant shall submit a statement attesting that the applicant, on or before the date the application was submitted to the Division, sent notification to the affected persons by submitting a copy of the application, including a copy of the plat described in (a) above, by certified mail, return receipt requested, advising them that if they have an objection it must be filed in writing within 20 days from the date the Division receives the application. The Director may approve the application upon receipt of waivers from all the notified persons or if no person has filed an objection within the 20-day period.
  - (c) The Director may set for hearing any application for administrative approval.
- (2) The Division may consider the common ownership and common lease requirements met if the applicant furnishes with the application a copy of an executed pooling agreement communitizing the tracts involved.

[1-1-50...2-1-96; A, 6-30-97; A, 8-31-99; 19.15.3.104 NMAC - Rn, 19 NMAC 15.C.104, 11-15-01]



## NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON Governor BETTY RIVERA Cabinet Secretary

May 14, 2002

Lori Wrotenbery Director Oil Conservation Division

Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210 Attention: Robert Bullock

Telefax No. (505) 748-4572

Administrative Order NSL-4731

Dear Mr. Bullock:

Reference is made to the following: (i) your application dated March 15, 2002 (application reference No. pMES0-213453836); (ii) the records of the New Mexico Oil Conservation Division ("Division") in Santa Fe, including the file on Division Administrative Order DD-179 (H), dated July 3, 1997; and (iii) Mr. William F. Carr's telephone conversation with Mr. Michael E. Stogner, Engineer/Chief Hearing Officer with the Division on Tuesday, March 19, 2002: all concerning Yates Petroleum Corporation's ("Yates") request for a non-standard gas well location to be applicable to the Undesignated Diablo-Wolfcamp Gas Pool (76053) for the existing Pathfinder "AFT" State Well No. 9 (API No. 30-005-62795) located 660 feet from the South line and 2200 feet from the West line (Unit N) of Section 21, Township 10 South, Range 27 East, NMPM, Chaves County, New Mexico.

The S/2 of Section 21, being a standard 320-acre lay-down gas spacing and proration unit for this horizon to be dedicated to this well.

This application has been duly filed under the provisions of Division Rule 104.F, revised by Division Order No. R-11231, issued by the New Mexico Oil Conservation Commission in Case No. 12119 on August 12, 1999.

By the authority granted me under the provisions of Division Rule 104.F (2), the above-described unorthodox Wolfcamp gas well location is hereby approved.

Sincerely,

Lori Wrotenbery

Director

LW/MES/kv

cc:

New Mexico Oil Conservation Division - Artesia

New Mexico State Land Office - Santa Fe

William F. Carr, Legal Counsel for Yates Petroleum Corporation - Santa Fe

File: DD-179 (H)

State of New Mexico  Energy, Minerals and Natural Resources  State of New Mexico  Energy, Minerals and Natural Resources  Energy, Minerals and Natural Resources  OIL CONSERVATION DIVISION  1220 South St. Francis Dr.  Santa Fe, NM 87505  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.)  Type of Well:  Oil Well Gas Well X Other  Conduction  Address of Operator  Yates Petroleum Corporation  Address of Operator  105 S. 4th Street Artesia, NM 88210  Well Location	Form C-103 Revised March 25, 1999  WELL API NO. 30-005-62795  5. Indicate Type of Lease STATE X FEE  6. State Oil & Gas Lease No. LG-5246  7. Lease Name or Unit Agreement Name:  Pathfinder AFT State  7. Well No. 9  8. Pool name or Wildcat
District I  1625 N. French Dr., Hobbs, NM 88240  District III 1811 South First, Artesia, NM 88210  District III 10000 Rio Brazos Rd., Aztec, NM 87410  District IV 1220 S. St. Francis Dr., Santa Fe, NM  R7505  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 X Other  Yates Petroleum Corporation  3. Address of Operator Yates Petroleum Corporation  4. Well Location	WELL API NO. 30-005-62795  5. Indicate Type of Lease     STATE X FEE  6. State Oil & Gas Lease No. LG-5246  7. Lease Name or Unit Agreement Name:  Pathfinder AFT State  7. Well No. 9  8. Pool name or Wildcat
OIL CONSERVATION DIVISION District III 11 South First, Artesia, NM 88210 District III 1200 South St. Francis Dr. Santa Fe, NM 87505  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 X Other  Yates Petroleum Corporation 3. Address of Operator Yates Petroleum Corporation 4. Well Location	30-005-62795  5. Indicate Type of Lease STATE X FEE  6. State Oil & Gas Lease No. LG-5246  7. Lease Name or Unit Agreement Name: Pathfinder AFT State  7. Well No. 9  8. Pool name or Wildcat
Oll CONSERVATION DIVISION District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 South St. Francis Dr. Santa Fe, NM 87505  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 X Other  Yates Petroleum Corporation  3. Address of Operator Yates Petroleum Corporation  4. Well Location	5. Indicate Type of Lease STATE X FEE  6. State Oil & Gas Lease No. LG-5246  7. Lease Name or Unit Agreement Name: Pathfinder AFT State  7. Well No. 9  8. Pool name or Wildcat
District III  000 Rio Brazos Rd., Aztec, NM 87410  District IV  220 S. St. Francis Dr., Santa Fe, NM  07505  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 X Other  7. Name of Operator  Yates Petroleum Corporation  3. Address of Operator  105 S. 4th Street Artesia, NM 88210  120 South St. Francis Dr.  Santa Fe, NM 87505  Santa Fe, NM 87505  Sundry Notices And Reports on Wells  OIL FOR SUCH  OCD - ARTESIA  Well Location	STATE X FEE  6. State Oil & Gas Lease No.  LG-5246  7. Lease Name or Unit Agreement Name:  Pathfinder AFT State  7. Well No.  9  8. Pool name or Wildcat
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### **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.

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Note: The Wolfcamp formation top has been re-examined and re-interpreted since the original completion report was filed.

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 South First, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Revised July 28, 2000

Submit to Appropriate District Office

5 Copies AMENDED REPORT

District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

#### REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT I.

State of New Mexico

Energy, Minerals & Natural Resources

Takes Perforderun Corporation  South Fourth Street  Virtesia NM 88210  Note: Verbal approval received from Stogner with Santa Fe OCD for NSL  All Number  15 Fort Name  16 Fort Name  16 Fort Name  16 Fort Name  17 Fort Name  17 Fort Name  17 Fort Name  18	Operator na	me and Ado	lress					<sup>2</sup> OGRID Number	025575	₹		
Note: Verbal approval received from Stoger with Santa Fe OCD for NSL  ATT Number  3 Foot Name  4-index Diable Welfcamp Gas  7-index Gas  1-index Gas									02337.	,		
From Stogner with Santa Fe OCD for NSL  API Number				;	<b>N</b> 7 / N	C7 1 1		<sup>3</sup> Reason for Filing	Code/ Effective Date			
Property Code   Pathfinder AFT State   Path	Artesia N	IM 882	10		from St	ogner with Sai						
Pagent Code   Pathfinder AFT State   Pathfi	API Number	<u> </u>		5 Pool Name					6 Pool Code			
Pagent Code   Pathfinder AFT State   Pathfi					Und	l <del>es.</del> Diablo Wo	lfcamp Gas		ł	153		
			_						<sup>9</sup> Well Number	055		
	012626					Pathfinder AF	T State		#9			
Notion Hole Location			Townsh	in Pange	Lot Idn	Fact from the	North/Courh Line	East from the	East/Wast line	County		
Continue	ļ		Į.	· 1	Edt. Idii					-		
"Lac Code "Producing Method Coce " Cas Cornecced Date S F 3/18/02 " Cas Delivery Date S F 5/18/03/18/02 " Cas Delivery Date S F 5/18/03/18/03/18/03/18/03/18/03/18/03/18/03/18/03/18/03/18/03/18/03/18/03/18/03/18/03/18/03/18/03/18/03/18/03/18/03/	11 Botto	m Hole L	ocation	. 1	ll	·	<u></u>		<u> </u>			
S F 3/18/02  1. Oil and Gas Transporters  10 Transporter Name & Address 11 Transporter Name & Address 12 Transporter Name & Address 13 Transporter Name & Address 14 Transporter Name & Address 15 Transporter Name & Address 16 Transporter Name & Address 17 Transporter Name & Address 18 Transporter Name & Address 18 Transporter Name & Address 19 Transporter Name & Address 10 Transporter Name & Address 11 Transporter Name & Address 11 Transporter Name & Address 12 Transporter Name & Address 13 Transporter Name & Address 14 Transporter Name & Address 15 Transporter Name & Address 16 Transporter Name & Address 17 Transporter Name & Ad	UL or lot no.	Section	Townsh	nip Range	Lot Idn	Feet from the	North/South lin	e Feet from the	East/West line	County		
I. Oil and Gas Transporters  "Transporter OSBID   19 Transporter Nature & Andreas   2 TOD   "OG   "POD UNIT Location and Description   19 Transporter OSBID   10	12 Lse Code	13 Producis	Ü			<sup>15</sup> C-129 Perm	it Number	<sup>16</sup> C-129 Effective Da	te	<sup>17</sup> C-129 Expiration Date		
# Tresponer OGRID    15694					3/18/02							
Navajo Refining Company   P. O. Drawer 159   Artesia, NM 88210			Transpo		me & Address	<sup>20</sup> PO	D ·	21 O/G				
P. O. Drawer 159 Artesia, NM 88210  147831			Navoic	Refining (	omnany			O Unit V				
105 South Fourth St Artesia, NM 88510	0150	94	P. O. 1	Drawer 159		28 21	2 8 6	O OME K	- Section 21 1	105-R2/E		
105 South Fourth St Artesia, NM 88510	1478	31	Agave	Energy Co	•	2831	887	G Unit K	- Section 21 T	110S-R27E		
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Well Completion Data  To Spud Date  To Spud	V. Produce	ed Water							10	Mir fixe		
1	283	1881	7	1					C. #			
N/A   3/15/02   5900'   5900'   5508-5546'				1 7	T	21 TD	78 PD/77D	20 Th. G		30 pyra 146		
14-3/4" 10-3/4" 997' In Place 9-1/2" 7-5/8" 6410' In Place 2-7/8" 5422'  71. Well Test Data  3/18/02 3/18/02 3/18/02 4/16/02 4/16/02 24 hrs. 270# Packer  4 Choke Size 1 Choke Size 2 Choke Size 3 Choke Size 1 Choke Size 1 Choke Size 1 Choke Size 2 Choke Size 3 Choke Size 1 Choke Size 3 Choke Size 4 Choke Size 1 Choke Size 3 Choke Size 4 Choke Size 4 Choke Size 5 Choke Size 6 Choke Size 6 Choke Size 7 Choke Size 7 Choke Size 7 Choke Size 9 Choke Size 1 Choke Size 2 Choke Size 3 Choke Size 4 Choke Size 1 Choke Size 4 Choke Size 5 Choke Size 5 Choke Size 6 Chief Choke Size 7 Choke Size 1 Choke Size 2 Choke Size 2 Choke Size 2 Choke Size 3 Chief Choke Size 3 Choke	•				P	PBTD:				<sup>30</sup> DHC, MC		
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9-1/2" 7-5/8" 6410' In Place 2-7/8" 5422'  7I. Well Test Data  The state of the control of the place of th				32		Size						
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71. Well Test Data  35 Date New Oil 36 Gas Delivery Date 37 Test Date 4/16/02 24 hrs. 270# Packer  4 Choke Size 3 Oil 3 Water 0 210 Flowing  7 I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge in ginanture:  Susan Herpin  Title:  Engineering Technician  Phone:  37 Test Date 38 Test Length 29 Thessure 270# Packer  38 Tost Length 29 Thessure 40 Csg. Pressure 40 Csg. Pressure 27 These 40 Csg. Pressure 40 Csg	<del></del>	y-1/2"		<del> </del>						п Ріасе		
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12/64"  12/64"  12/64"  10  12/10  Flowing  To hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.  Signature:  Frinted name:  Susan Herpin  Fitle:  Engineering Technician  Date:  Phone:  Flowing  OIL CONSERVATION DIVISION  Approved by:  Approved by:  Approved by:  Approved Date:  Flowing  OIL CONSERVATION DIVISION  Approved by:  Approved by:  Approved by:  Approved by:  Approved by:  Approved by:  Approved Date:  Phone:												
Engineering Technician  Phone:  Approval Date:  Phone:	12/6	4"	<u> </u>	0		0	1 210			Flowing		
Engineering Technician  Phone:  Approval Date:  Phone:	and that the in and belief.					my knowledge	[]][6] (	DIL CONSER	VATION DI LA LA LA	VISION		
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Engineering Technician  Phone:  Approval Date:  Phone:			/			T	iue:	blee	tut Sign	wiser		
= '``		ring Te	chnici			A	pproval Date:		MA	Y 18 2002		
	Date: April 22,	2002			8-1471					. *		

Submit 3 Copies To Appropriate District	State of New M	[evico			Form C-103
Office	Energy, Minerals and Na	į.		Revi	ised March 25, 1999
<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240	mergy, minerals and the	1105041005	WELL API N		
District II 811 South First, Artesia, NM 88210	OIL CONSERVATION	N DIVISION	30-005-62		
District III	1220 South St. Fra	ancis Dr.	5. Indicate T	· ·	
1000 Rio Brazos Rd., Aztec, NM 87410 District IV	Santa Fe, NM S	87505	STAT	E X Gas Leas	FEE _
1220 S. St. Francis Dr., Santa Fe, NM			6. State Oil <b>LG-5246</b>	& Gas Leas	se No.
87505	CES AND REPORTS ON WELL	S		ne or Unit A	Agreement Name:
(DO NOT USE THIS FORM FOR PROPOS	SALS TO DRILL OR TO DEEPEN OR F	PLUG BACK TO A	7. 150450 1141	ne or omer	igreement runie.
DIFFERENT RESERVOIR. USE "APPLIC PROPOSALS.)	CATION FOR PERMIT" (FORM C-101)	FOR SUCH	Pathfinder	AFT State	e
1. Type of Well:	344				
Oil Well Gas Well X	Other Other	*			
2. Name of Operator		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7. Well No		
Yates Petroleum Corpo	ration	RECEIVED	#9	*****	
3. Address of Operator	00	D ARTESIA	8. Pool nan		
105 S. 4th Street Artes	sia, NM 88210		Undes. L	Diablo Wo	olfcamp Gas
4. Well Location					
Unit Letter N: 66	feet from the <b>South</b>	_ line and	feet from th	le <u>West</u>	line
	300	075			_
Section 21	Township <b>10S</b> Range 10. Elevation (Show whether I			aves	County
	Maria Cara Cara Cara Cara Cara Cara Cara	<i>DK, KKB, K1, GK, etc.,</i> <b>2' GR</b>	'		
11. Check A	Appropriate Box to Indicate		eport or Ot	her Data	
NOTICE OF IN			SEQUENT		Γ OF·
	<del></del>		LGOLITI	ALTE	
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK		☐ CASII	NG 🔲
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRIL	LING OPNS.		AND NDONMENT
	MULTIPLE	CASING TEST ANI	<u> </u>	— ADAN	IDONIVIENT
PULL OR ALTER CASING	COMPLETION	CEMENT JOB			
OTHER: frac	X	OTHER:			
Describe proposed or completed or		<b>-</b> 4∣	ertinent dates	including e	stimated date of
starting any proposed work). SEE					
recompilation.	•		U	1 1	
Yates proposes to workover t					
Retrieve packers set at 5430					
Set a CIBP at 5720' capped		he lower Wolfca <b>m</b> ;	perfs 5751	-5762'.	
Frac the upper Wolfcamp p Return well to production.	eris 5506-5546 .				
Keloni Well to production.					
I hereby certify that the information	n above is true and complete to th	e best of my knowledg	e and belief.		
6 61	•				
SIGNATURE MAN LIVE		<b>Engineering Tech</b>	<b>nician</b> _DA	TE May	7, 2002
Type or print name Susan He	itnin		Talan	hone No 5	OF 740 1471
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APPPROVED BY	<del> </del>	aitiet sep	<del>-</del>		MW 18 202
APPPROVED BY Conditions of approval, if any:	in W. Gun	aitiet sop	<del>-</del>	DAT	MW 18 202

	51
Submit 3 Copies To Appropriate District  State of New Mexico	Form C-103
Office Energy, Minerals and Natural Resources	Revised March 25, 1999
1625 N. French Dr., Hobbs, NM 88240	WELL API NO.
District II 811 South First, Artesia, NM 88210 OIL CONSERVATION DIVISION	<b>30-005-62795</b> 5. Indicate Type of Lease
District III 1220 South St. Francis Dr. 1000 Rio Brazos Rd., Aztec, NM 87410	STATE X FEE
District IV Santa Pe, NIVI 8/303	6. State Oil & Gas Lease No.
1220 S. St. Francis Dr., Santa Fe, NM 87505	LG-5246
SUNDRY NOTICES AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name:
(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	Pathfinder AFT State
PROPOSALS.)  1. Type of Well:	rainiindei Ari Sidie
Oil Well Gas Well X Other	
2. Name of Operator	7. Well No.
Yates Petroleum Corporation 🗸 🚫	#9
3. Address of Operator 105 S. 4th Street Artesia, NM 88210 RECEIVED OCD ARTESIS	8. Pool name or Wildcat
105 S. 4th Street Artesia, NM 88210	Undes. Diablo Wolfcamp Gas
4. Well Location	
Unit Letter N: 660 feet from the South line and 2200	feet from the West line
Section 21 Township 10S Range 27E	NMPM Chaves County
10. Elevation (Show whether DR, RKB, RT, GR, e	
3822' GR	
11. Check Appropriate Box to Indicate Nature of Notice	
NOTICE OF INTENTION TO: SUI	BSEQUENT REPORT OF:
PERFORM REMEDIAL WORK   PLUG AND ABANDON   REMEDIAL WOR	RK ALTERING CASING
TEMPORARILY ABANDON CHANGE PLANS COMMENCE DR	RILLING OPNS.   PLUG AND ABANDONMENT
PULL OR ALTER CASING   MULTIPLE   CASING TEST A CEMENT JOB	ND
OTHER.	1 0 1 11
· · · · · · · · · · · · · · · · · · ·	ack, perforate and acidize  X
Describe proposed or completed operations. (Clearly state all pertinent details, and give starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach well	
recompilation. 3/1/02 – MIRU pulling unit.	
3/4/02 – Set CIBP at 5910'. Perforate Wolfcamp 5751-5762', 24 holes, .42".	
3/5/02 – Cap CIBP with 10' cement.	
3/6/02 – Acidize perfs 5751-5762' with 1100 gals 7.5% IC HCL. Swab and fle	
3/8/02 – Set blanking plug in packer at 5680'. Perforate Wolfcamp 5508-5 3/12/02 – Acidize perfs 5508-5546' with 1900 gals 7.5% IC HCL. Swab and	
3/15/02 – Rig down and turn well to production department.	110W 7031.
,	
I hereby certify that the information above is true and complete to the best of my knowled	edge and belief.
	chnician DATE March 28, 2002
Type or print name Syson Herpin	Telephone No. 505-748-1471
(This space for State use)	4
APPPROVED BY Sinv W. Stymittle Within	t Sykwison DATE APR 03 2000
Conditions of approval, if any:	D1110
<b>/</b>	

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410

1220 S. St. Francis Dr., Santa Fe, NM 87505

District IV

State of New Mexico Energy, Minerals & Natural Resources

> Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-104
Revised July 28, 2000
Submit to Appropriate District Office
5 Copies

AMENDED REPORT

## I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator na Yates Pet			ion /	,				<sup>2</sup> OGRID Number	02557	75
105 South Artesia N					Verbal approv Stogner with Sa SL			1		5508-5546' for the rch, 2002
<sup>4</sup> API Number	,	5	Pool Name						6 Pool Code	
30-005-62	795			Une	des. Diablo Wo	lfcamp Gas			16	053
7 Property Co	de				<sup>8</sup> Property Nar				9 Well Number	
012626					Pathfinder AF	T State			#9	
I. 10 Surface Ul or lot no.	Location Section	Township	Range	Lot. Idn	Feet from the	North/South Li	ine	Feet from the	East/West line	County
N	21	108	27E		660	South		2200	West	Chaves
	m Hole L	<u></u>								
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South 1	line	Feet from the	East/West line	County
12 Lse Code	13 Producir	g Method Code	<sup>14</sup> Ga	S Connection Date	<sup>15</sup> C-129 Perm	it Number	b	<sup>6</sup> C-129 Effective Date		<sup>17</sup> C-129 Expiration Date
II. Oi	l and Gas	Transporte	rs				_		<u> </u>	
18 Transporter	OGRID	19	Transporter Na	me & Address	<sup>20</sup> PO		<sup>21</sup> O/G			STR Location escription
1386		Amoco P 502 N. W Levelland	est Aver	ue	3831	886	O	Unit K	- Section 21	T10S-R24E
1478	A	Agave Er 105 Sout Artesia, 1	a Fourth	St	28318	87	G	Unit K	- Section 21	T10S-R24E
IV. Produce	ed Water								452637263	RECEIVED OCD ARTESIA
<sup>23 POD</sup> 283	-	g u		Section 21 T			-			Commence Design
V. Well Co		Data  26 Reac	y Date		<sup>27</sup> TD	<sup>28</sup> PBTD	)	<sup>29</sup> Perforati	ons	<sup>30</sup> DHC, MC
		i								
31	Hole Size		32	Casing & Tubing	Size	<sup>33</sup> Dep	pth Set		34	Sacks Cement
							, ,			
VI. Well	Test Data	a.				1				
35 Date No	ew Oil		Delivery Dat	3	<sup>7</sup> Test Date	38 Test I 24 h	ırs.	39 ,	Гbg. Pressure	<sup>40</sup> Csg. Pressure
41 Choke			<sup>42</sup> Oil		43 Water	J, G			<sup>45</sup> AOF	46 Test Method Flowing
				on Division have plete to the best o		pproved by		CONSERV		
Printed name: Susan H	<i>FW</i> erpin	ing			T	itle:		Dieta	ict Sua	wisov
Title: <b>Enginee</b> :		chnician			A	pproval Date:			,	AR 0 4 2002
Date: March 28	3, 2002		Phone: <b>505-74</b>	—- 8-1471						•,

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 South First, Artesia, NM 88210 District III
1000 Rio Brazos Road, Aztec, NM 87410

State of New Mexico 2021222324 State of New Mexico 202122324 State of New Mexico 2021222324 State of New Mexico 202122324 State of New Mexico 2021224 State of New Mexico 20

Form C-101 Revised March 17, 1999

Submit to appropriate District Office State Lease - 6 Copies

District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505  Santa Fe, NM 87505  Santa Fe, NM 87505						/	( <u>(</u>	<del></del> 7	Lease - 5 Copies			
APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE												
	APPLI				L, RE-EN	ΓER,	DEEL	PEN, PL				<u> </u>
Vates Petro	1 Operator Name and Address 2 OGRID Number  Yates Petroleum Corporation 025575											
Yates Petroleum Corporation 105 South Fourth Street						<sup>3</sup> API Number						
Artesia, NA	A 88210	1		5	Property Nam					30-00	05-6279	
<sup>3</sup> Propert										Ю.		
012626 Pathfinder AF										π/		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the		North/South line		Feet from the	East/V	Vest line	County
N	21	108	27E		660			outh	2200	West		Chaves
		8	<sup>8</sup> Proposed Bottom Hole Location		ı If D							
UL or lot no.			Feet from				Feet from the	East/West line County		County		
		91	Proposed Pool 1	<u> </u>	<u> </u>				10 Propo	sed Pool	 12	
9 Proposed Pool 1  Undes Diablo Wolfcamp Gas												
11 Work 1	ype Code	<del></del>	12 Well Type Cod	ie	13 Cable/R	/Rotary 14 Lease Type Code 15 Ground Level Elevation			d Level Elevation			
16 Mu	)		G 17 Proposed Dep	1.	N/A	/A			S 19 Contractor		3822' GR 20 Spud Date	
N	•	}	PBTD - 5920	)	Wolfco				Unknown		ASAP	
				roposed Ca			ent P		OHKHOWIT_			
Hole Si	ze	Cas	ing Size	Casing weig			etting D		Sacks of Ce	ement	E	stimated TOC
14-3/4	4"	10	-3/4"	40.5#	ŧ	997'		in place		C	Circulated	
9-1/2"		7-5/8"		29.7# & 26.4#			6410'		in place		Circulated	
		<u> </u>				<del>.</del>						
											<del> </del>	
Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive												
			n program, if any.					ia on the pi	esent productive z	one and	proposed i	iew productive
Propose to recomplete well to the Wolfcamp zone as follows:  Clean out hole to 5930'. Set CIBP at 5930', capped with 10' of cement.												
Perforate Wolfcamp 5708-5902'. Stimulate as needed for production.												
Return well to production.												
BOP Program: A 3000# BOP will be installed and tested daily.												
<sup>23</sup> I hereby certify that the information given above is true and complete to the OIL CONSERVATION DIVISTON							ON					
best of my knowledge and belief.					-		ed by:	· · · · · · · · · · · · · · · · · · ·	de mal	W	Su	نبور
Signature: Misas Misas						Approv Title:	rea by:		Diet	ict	Sight	visor
Printed name: Susan Herpin  Title: Engineering Technician							val Date	FEB	2 6 2002	vniratio	n Date: <b>F</b>	FB 2 6 2003
Title: Engineering Technician  Date: Phone:							Approval:	- B1	Apriauo A	ii Daic.		
February	(22	2002	505-748-	1471	Į.	Attache		NS	L No.	1	To Pa	oduce.

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 South First, Artesia, NM 88210

1000 Rio Brazos Rd., Aztec, NM 87410

District III

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102 Revised August 15, 2000

OIL CONSERVATION DIVISION
1220 South St. Francis Die
Santa Fe, NM 87505

RECEIVED State Lease - 4 Copies

9202122232426

OCD - ARTESIA

Fee Lease - 3 Copies

AMENDED REPORT

<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT Pool Name <sup>1</sup> API Number Pool Code 30-005-62795 Diablo Wolfcamp Gas <sup>4</sup> Property Code 5 Property Name <sup>6</sup> Well Number 012626 Pathfinder AFT State #9 OGRID No. 8 Operator Name <sup>9</sup> Elevation Yates Petroleum Corporation 3822' GR 025575

<sup>10</sup> Surface Location Feet from the UL or lot no. Section Township Range Lot Idn North/South line Feet from the East/West line County Ν 21 105 27E 660 South 2200 West 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 Order No. 12 Dedicated Acres <sup>3</sup> Joint or Infill 4 Consolidation Code 320

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

		SARD UNIT HAS BEEN AFFROVED BY THE DIVISION
16	=	<sup>17</sup> OPERATOR CERTIFICATION
		I hereby certify that the information contained herein is true
		and complete to the best of my knowledge and belief.
		he of the
		Alla Mipa
		Signature
		Susan Herpin
		Printed Name
		Engineering Technician
		Title
		February 21, 2002
		Date
		18SURVEYOR CERTIFICATION
	* C *** · C	I hereby certify that the well location shown on this plat was
	LG-5246	plotted from field notes of actual surveys made by me or under
		my supervision, and that the same is true and correct to the
1		best of my belief.
		Date of Survey
		Signature and Seal of Professional Surveyor:
22004		
2200'		
		See Original Plat
	,099	Certificate Number
		Certificate (vultion)

Page: 1 Document Name: untitled

OG6IWCM CIMID : INQUIRE WELL COMPLETIONS ONGARD 08/01/02 13:46:49 OGOMES -TQG1

API Well No: 5 62795 Eff Date : 03-04-2002 WC Status : A

Pool Idn : 76053 DIABLO; WOLFCAMP (GAS)

OGRID Idn : 25575 YATES PETROLEUM CORPORATION

Prop Idn : 12626 PATHFINDER AFT STATE

Well No : 009

GL Elevation: 3822

U/L Sec Township Range North/South East/West Prop/Act(P/A)

Lot Identifier: 108 27E FTG 660 F S FTG 2200 F W ħ

Dedicated Acre: 320.00

Lease Type : S

PF07

PF01 HELP

PF02 PF08

PF09

PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

PF03 EXIT

PF04 GoTo

PF05

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

Date: 8/1/2002 Time: 01:49:34 PM

PF07 BKWD PF01 HELP OG6ACRE CMD : Sect/Twp/Rng Dedicated Land: Spacing Unit Prop Idn Pool Idn API Well E0005: Enter data to modify or PF keys to No PF02 PF08 FWD 30 ഗ 76053 DIABLO; WOLFCAMP (GAS) 21 10S 27E Acreage 55984 OCD Order : 12626 PATHFINDER AFT STATE Base U/L Sec 5 62795 0 2 Z L Z  $\Box$ PF03 EXIT C102-DEDICATE ACREAGE Eff Date : 03-04-2002 ONGARD Twp Rng Acreage 108 10S 10S 10S 10S 10S 10S 10S 27E 27E 27E 27E 27E 27E PF04 GoTo PF10 LAND 320.00 40.00 40.00 40.00 40.00 40.00 40.00 40.00 40.00 scroll Revised C102? (Y/N) Simultaneous Dedication: PF11 L/W PF05 Z Z Z Z Z Z Z Z Z NXTSEC Ownership TS ES HS TS ST ST 08/01/02 13:46:59 PF06 CONFIRM Page No : PF12 RECONF Well No : 009 OGOMES -TQG1 Lot Idn

	25575 YATES PETROLEUM CORPORATION	OGRID Identifier :
Page No: 1		
OGOMES -TQG1	INQUIRE PRODUCTION BY POOL/WELL	OG6IPRD
08/01/02 13:47:09	ONGARD	CMD :

Pool Identifier : 76053 DIABLO; WOLFCAMP (GAS)

API Well No 30 5 62795 Report Period - From : 01 2000 To : 06 2002

30	30	30	API
л Ф	ហ	UI C	API Well
62795	62795	62795	1 No
62795 PATHFINDER AFT STATE	PATHFINDER		Property
AFT	AFT		Name
STATE	AFT STATE		1
05 02	04 02	03 02	Prodn. Days
1 <sup>1</sup> 6	12	UΊ	1 1
6392	2631	3688	Production Gas O
			 Volum il
202			Water
ਸ੍ਰ	ᆆ	'n	Well r Stat

Reporting Period Total (Gas, Oil) : 12711 202

M0025: Enter PF keys to scroll

PF07 BKWD	PF01 HELP
PF08 FWD	PF02
PF09	PF03 EXIT
PF10 NXTPOOL	PF04 GoTo
FF11 NXTOGD	PF05
PF12	PF06 CONFIRM