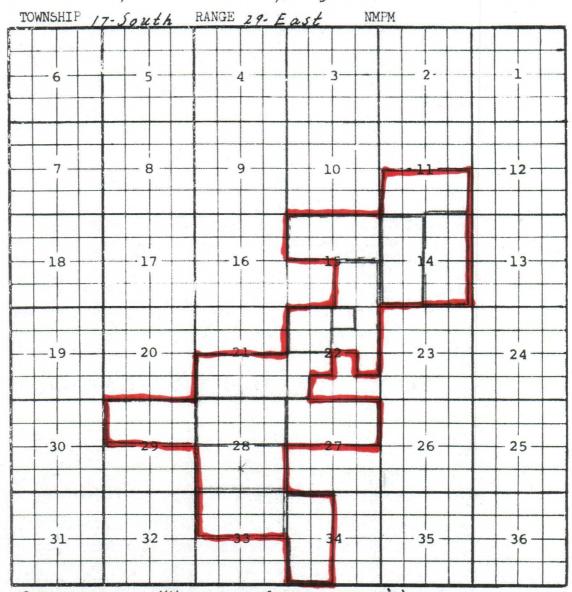
rownship /7	South	RANGE 29	East NM	PM	
6	5	4	3	2-	1-
7	8	9	10	-11	-12
18	17	16	15	14	-13-
19	20 —	21	22	23	24-
-30	29	28-	27-	26	25-
- 31-	32	33	4	35	36 -

x+; 8/2 Sec, 33, 54/4 Sec. 34(R-12574, 6-25-06)	



(11120) POOL Grayburg - Atoka Gas COUNTY Eddy RANGE 29 East TOWNSHIP 17 South 10 - 20 27 -25 - 31 32 Description: 5/2 Sec 28, = Sec 29 (R-5015, 6-1-75) Ext: 6/25ec. 33 (R-11411,7-10-00) Ext: 6/25ec. 34 (R-11908,2-12-03) Ext: 4/2 Sec. 28 (1-12222, 10-25-04)

Single

(505) 748-1471

Zone

3b. Phone No. (include area code)

16. No. of Acres in lease

11,400

22. Approximate date work will start\*

**ASAP** 

19. Proposed Depth

Multiple Zone

Form 3160-3 (August 1999)

la. Type of Work:

2. Name of Operator

At proposed prod. Zone

Distance from proposed\*

location to nearest property or lease line, fl. (Also to nearest drig, unit line, if any)

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

Distance from proposed location\* to nearest well, drilling, completed, applied for, on this lease, ft.

3A. Address

At surface

b. Type of Well: Oil Well

Yates Drilling Company

X DRILL

105 South Fourth Street

Artesia, New Mexico 88210

14. Distance in miles and direction from nearest town or post office\* Approximately 17 miles east of Artesia, New Mexico.

## UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

APPLICATION FOR PERMIT TO DRILL OR REENTER

Other

X

Gas

Well

4. Location of Well (Report location clearly and in accordance with any State requirements.\*)

REENTER

990' FSL and 990' FWL

Same

OMB No. 1004-0136

•	Expires November 3	0, 2000
	5. Lease Serial No.	
	NM-96219	
	6. If Indian, Allottee or Tribe	Name
	7. If Unit or CA Agreement, ?	Name and No.
	8. Lease Name and Well No.	
Multiple Zone	Millennium "34" Fede	ral Com. #1
	9. API Well No.	
	30-015-318	3 <b>3</b>
	10. Field and Pool, or Explora	
i	Grayburg Morrow -	77840
	11. Sec., T., R., M., or Blk, an	d Survey or Area
5		
	Section 34, T17S-R29	E
	12. County or Parish	13. State
	<b>Eddy County</b>	NM
17. Spacing Ur	it dedicated to this well	
	320 W/2	
20. BLM/BIA	Bond No. on file	
	586000	

# 24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

990,

1/2 mile

- 1. Well plat certified by a registered surveyor.
- 2. A Drilling Plan.
- 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office.

3531' GL

Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).

23. Estimated duration

- Operator certification.
  - Such other site specific information and/or plans as may be required by the authorized office.

25. Signature Title:

Cy Cowan

Date

35 days

4/12/01

Regulatory Agent

Approved by (Signgture) Title

Name (Printed/Typed)

Name (Printed/Typed)

W. T. M. 1997

MANAGER

Joe Office

CARLSBAD FIELD OFFICE Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct

operations thereon. Conditions of approval, if any, are attached.

APPROVAL FOR 1 YEAR

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

DISTRICT I 1686 N. French Dr., Hobbs, My 36240 DISTRICT II 811 South First, Artesia, NM 88210 DISTRICT III 1000 Rio Braxos Bd., Axteo, NM 87410 DISTRICT IV 2040 South Pacheco, Santa Fo, NM 67506

## State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised March 17, 1999 Instruction on back

Submit to Appropriate District Office State Lease - 4 Copies

## OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

AMENDED REPORT

Foo Lease - 3 Copies

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API	API Number			Pool Code		Pool Name				
							Grayb	urg Morrow		
Property	Code	1			Property Nan	16		Well Number		
				MILL	ENNIUM "34" FE	DERAL COM.		1		
OGRID N	lo.		<del></del>	Operator Name				Elevation		
02557	5			YATES	DRILLING COMI	PANY		3531		
13					Surface Loc	ation				
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
М	34	175	29E		990	SOUTH	990	WEST	EDDY	
		.1	Bottom	Hole Loc	eation If Diffe	erent From Sur	face		1.	
TT 1-A W-	G-Ai-	T =	1 -			W-45 /0-45 15-5	Mand dame Alex	T-4/2-4 1:	C	

	UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
	Dedicated Acres	Joint o	r Infill C	onsolidation (	Code Ox	der No.				
1	320									

# NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

		DARD UNIT HAS BEEN APPROVED BY THE DIVISION
NM- 065108	NM- 028775	OPERATOR CERTIFICATION  I haveby certify the the information contained herein in true and complete to the best of my imperiodic and belief.  Signature
	NM- 064073	Cy Cowan  Printed Name  Regulatory Agen  Title  April 12, 2001  Date  SURVEYOR CERTIFICATION
ł		I hereby certify that the well location shot on this plat was platted from field noise actual surveys made by me or under augervison, and that the same is true correct to the best of my belief.  3/06/2001  Date Burrygad
990' - 9 NM- 3531 353 96219		Burne Curp (al. des) of Profession 1. Superior of MEXICO (Co.)  3649  36

## YATES DRILLING COMPANY Millennium "34" Federal Com. #1

990' FSL & 990' FWL Sec. 34-T17S-R29-E Eddy County, New Mexico

1. The estimated tops of geologic markers are as follows:

Yates	938'
San Andres	2838'
Bone Springs	4025'
Wolfcamp	7484'
Penn	9102'
Strawn	9859'
Atoka	10210'
Morow Clastics	10718'
Lower Morrow	10878'
TD	11400'

2. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

Water: Approx 200' - 350' Oil or Gas: All Potential Zones

3. Pressure Control Equipment: BOPE will be installed on the 8 5/8" casing and rated for 5000 BOP systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout Preventor controls will be installed prior to drilling the surface plug and will remain in use until the well is completed or abandoned. Preventors will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. See Exhibit B.

# Auxiliary Equipment:

- A. Auxiliary Equipment: Kelly cock, pit level indicators, flow sensor equipment and a sub with full opening valve to fit the drill pipe and collars will be available on the rig floor in the open position at all times for use when kelly is not in use.
- 4. THE PROPOSED CASING AND CEMENTING PROGRAM:
  - A. Casing Program: (All New)

Hole Size	<u>Casing Size</u>	Wt./Ft	<u>Grade</u>	<u>Thread</u>	<u>interval</u>	Length
WITNESS 14 3/4"	11 3/4"	42#	H-40	ST&C	0-350'385'	350'385
11" "	8 5/8"	24#	J-55	ST&C	0-2200'	2200'
11"	8 5/8"	32#	J-55	ST&C	2200'-3000'	800'
7 7/8"	5 1/2"	17#	L-80	LT&C	0-2100'	2100'
7 7/8"	5 1/2"	17#	J-55	LT&C	2100'-7600'	5500'
7 7/8"	5 1/2"	17#	N-80	LT&C	7600'-10400'	2800'
7 7/8"	5 1/2"	17#	S-95	LT&C	10400'-11400'	1000'

Minimum Casing Design Factors: Collapse 1.125, Burst 1.0, Joint Strength 1.8

## B. **CEMENTING PROGRAM:**

Surface casing: 200 sx "C" (Yld 1.32 Wt.14.6); Tail in w/200 sx "C" + 2% CaCl2

(Yld 1.32 Wt. 14.6).

Intermediate Casing: 1500 sx Lite (Yld 2.05 Wt. 12.6); Tail in w/200 sx "C" (Yld 1.32

Wt 14.6)

Production Casing: (TOC=2500') 600 sx Lite (Yld 2.05 Wt. 12.6); Tail in w/500 sx

Super "C" (Yld 1.67 Wt 13.0) Note: Nitrified mud will be used ahead

of cement.

## 5. Mud Program and Auxiliary Equipment:

Interval	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0-350'	FW Gel/Paper	8.6-9.0	32-36	N/C
350' - 3000'	Brine	10.0-10.2	28	N/C
3000'-9800'	Cut Brine	8.8-9.3	28	N/C
9800'-11400'	Salt Gel/Starch	9.5-10.0	32-40	<10
	/Drienac/KCl			

/Drispac/KCL

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blow out will be available at the well site during drilling operations. Mud will be checked hourly by rig personnel.

### 6. EVALUATION PROGRAM:

Samples: 10 samples of from under surface casing. Logging: CNL/LDT, DLL - w/RXD - TD to casing.

Coring: None anticipated. DST's: As warranted.

# 7. Abnormal Conditions, Bottom hole pressure and potential hazards: Anticipated BHP:

From:	0	TO:	350'	Anticipated Max.	BHP:	150	PSI
From:				Anticipated Max.	BHP:	1300	PSI
From:	2900'	TO:	TD	Anticipated Max.	BHP:	5750	PSI

No abnormal pressures or temperatures are anticipated.

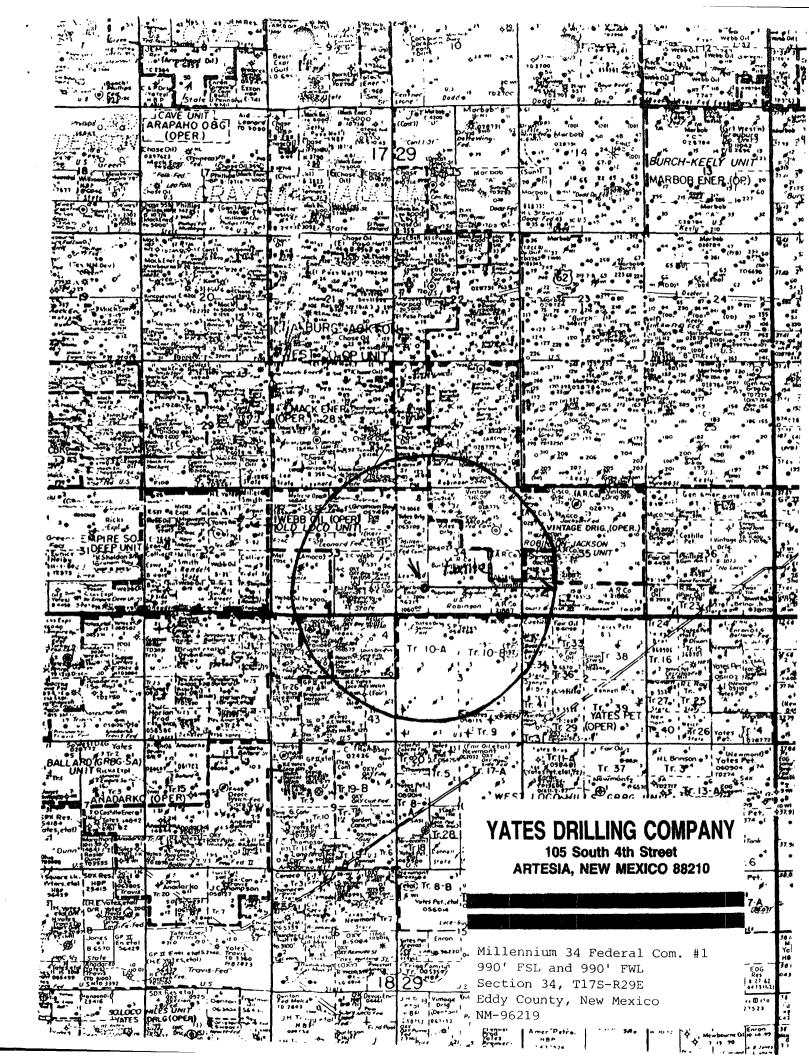
Lost Circulation Zones Anticipated: None.

H2S Zones Anticipated: None.

Maximum Bottom Hole Temperature: 198 F

#### 8. ANTICIPATED STARTING DATE:

Plans are to drill this well as soon as possible after receiving approval. It should take approximately 20 days to drill the well with completion taking another 15 days.



#### UNITED STATES DEPARTM. Γ OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

N.	M.	Cil	<u>(</u> ).
		311	

Sion OMB No. 1004-0135 Expires Inovember 30, 200

6 Hillndian, Allottee or Tribe Name

NM-96219

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an

abandoned well.	Use Form 3160-3 (APD) f	or such proposals.			
SUBMIT IN TRIPLI	CATE – Other instruc	1001	e side 41s	7. WUnic or CA	Agreement, Name and or No.
1. Type of Well		6,10,11,12,13	15/2		
Oil Well X Gas Well	Other	ું છે 🚹	63	8. Well Name at	
2. Name of Operator		<u>~</u>	as s		Federal Com. #1
Yates Drilling Company		57 10	WED - I	9. API Well No.	
3a. Address		3b. Phone No. (include)	area cade)		
105 South Fourth Street, Artes		(505) 748-13(7) <sup>h</sup>		10. Field and Poc	l, or Exploratory Area
4. Location of Well (Footage, Sec., T., R.,	.M., or Survey Description)	· · · · · · · · · · · · · · · · · · ·		Grayburg Mor	
990' FSL & 990' F <b>W</b> L			-, -	11. County or Par	rish, State
Section 34 T17S-R29E			•	Eddy County	, NM
12. CHECK APPR	ROPRIATE BOX(ES) TO IND	ICATE NATURE OF 1	NOTICE, REPOR	RT, OR OTHER	DATA
TYPE OF SUBMISSION		TYPE	OF ACTION		
Notice of Intent	Acidize  X Alter Casing	Deepen Fracture Treat	Production (	(Start/Resume)	Water Shut-Off Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomplete		Other
	Change Plans	Plug and Abandon	Temporarily	y Abandon	
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disp	osal	
13. Describe Proposed or Completed Operat If the proposal is to deepen direction all Attach the Bond under which the work Following completion of the involved o Testing has been completed. Final Ab- determined that the site is ready for final	perations. If the operation results i andonment Notices shall be filed o	nik, including estimated sta subsurface locations and m Bond No. on file with BL! n a multiple completion or only after all requirements.	erting date of any pressured and true ver M/BIA. Required so recompletion in a trincluding reclamati	roposed work and a stical depths of all subsequent reports s new interval, a Forn ion, have been com-	oproximate duration thereof. sertinent markers and zones, nall be filed within 30 days a 3160-4 shall be filed once pleted, and the operator has
Yates Drilling Company respec	tfully requests permissio	n to make the follo	wing changes	to this well:	
Will nipple up 5,000 psi BOP o	n 11 3/4" casing as requi	red by BLM stips, I	however we w	ill test the BO	PE
and casing to 1,400 psi (70% 1	1 3/4" casing burst) as al	llowed by Onshore	Order #2, not	to 5,000 psi a	S
required in stips.					
Also, we would like to change t	· · · · · · · · · · · · · · · · · · ·		_	ing. The string	g will
now be all 32# J-55 w/ ST&C	couplings instead of a mi	xture of 24 & 32# J	J <b>-55</b> .		
Sincerely,				Carry	Sousty, RFC
14. Thereby certify that the foregoing is tr	ue and correct		<del></del>	-arge	20012
Name (Printed/Typed)	are political	Title			
• • • • • • • • • • • • • • • • • • • •	rederick		Drilling i	Engineer Asst	
Signature Cory Fresh	rus_	Date	Jul	y 9, 2001	

which would entitle the applicant to conduct operations thereon. Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

THIS SPACE FOR FEDERAL OR STATE USE

Title

Office

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease

Approved by

# UNITED STATES DEPARTML OF THE INTERIOR

Oil Cons N.M. DIV-Dist. 2 FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000 c15 F

BUREAU OF LAND MANAGEMEN 1301 W. Grand Avenue ase Serial No. SUNDRY NOTICES AND REPORTS ON WELARTOSIA, NM 8821 M-96219

Do not use this form for proposals to drill or reenter an If Indian, Allottee or Tribe Name abandoned well. Use Form 3160-3 (APD) for such proposals. 7. If Unit or CA/Agreement, Name and/or No SUBMIT IN TRIPLICATE - Other instructions on reverse side Type of Well 24 25 26 27 2 X Gas Well Well Name and No. Oil Well Other Millennium 34 Federal Com. #1 2. Name of Operator Yates Drilling Company / 9. API Well No. Address hone No. (inslude area code) 105 South Fourth Street, Artesia, NM 88210 10. Field and Pool, or Exploratory Area 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Gravburg Morrow 990' FSL & 990' FWL 11. County or Parish, State Section 34 T17S-R29E Eddy County, NM 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION TYPE OF SUBMISSION Notice of Intent Acidize Production (Start/Resume) Water Shut-Off Deepen Reclamation Well Integrity Alter Casing Fracture Treat Recomplete Subsequent Report Casing Repair New Construction Change Plans Temporarily Abandon Plug and Abandon Water Disposal Convert to Injection Final Abandonment Notice Plug Back 13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof.

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days. Following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.) Due to severe lost circulation encountered in the 7 7/8" hole at approximately 9,200' we request to change the wellplan as follows. We will run 5 1/2" casing to a depth of approximately 9,900', and cement with 650 sx Lite (yld 1.98 wt 12.0), tailed in w/ 400 sx Super C (yld 1.62 wt 13.2). TOC will be 2,400' (500' inside intermediate casing). After running the 5 1/2" casing we will reduce the hole size to 4 3/4" and drill the well to Approximate TD of 11,400'. At this depth a 3 1/2" flush joint liner will be run. Liner top will be 9,400', base will be 11,406 cemented in place with approximately 150 sx Super C (yld 1.62 wt 13.2). We nipple our BOP back up on the 5 1/2" casing and re-test to 5,000 psi. Please see attached sheet for 5 1/2" casing and 3 1/2" liner designs. Sincerely, 14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Title **Drilling Engineer** Cory Frederick Signature Date August 22, 2001 THIS SPACE FOR FEDERAL OR STATE USE Approved by Date Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

which would entitle the applicant to conduct operations thereon.

# Page 2

Yates Drilling Company

Millenium 34 Federal Com. #1 5 1/2" casing Sundry Notice

The 5 1/2" casing design is listed below:

0'-1,640'	5 ½"	17#	J-55	LT&C Couplings
1,640'-6,300'	5 ½"	15.5#	J-55	LT&C Couplings
6,300'-8,100'	5 ½"	17#	J-55	LT&C Couplings
8,100'-9,900'	5 ½"	17# ]	N-80	LT&C Couplings

NOTE: The 5 1/2" 15.5# casing is used white band casing that has been reconditioned and tested to API specs for new 5 1/2" 15.5# casing.

The 3 ½" liner design is listed bleow

9,400'-11,400'

3 ½"

9.3# P-110 ST-L Flush Joint Couplings

Prepared by:

**Drilling Engineer** 

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Oil Cons. N.M. DIV-Dist. 2

FORM APPROVED OMB No. 1004-0135 Expires November 30, 2000

C151

1301 W. Grand Averice at No. **BUREAU OF LAND MANAGEMENT** SUNDRY NOTICES AND REPORTS ON WELLS Artesia, NM Do not use this form for proposals to drill or to re-enter an ndian, Allouce or Tribe Name abandoned well. Use Form 3160-3 (APD) for such proposals. 7. If Unit or CA/Agreement, Name and/or No. SUBMIT IN TRIPLICATE - Other instructions on reverse side Type of Well Oil Well A Gas Well Other 8. Well Name and No. Name of Operator Millennium "34" Fed Com #1 Yates Drilling Company 9. API Well No. 3a. Address 30-015-31833 3h. Phone No. (include area code) 105 South 4th Street, Artesia, NM 505-746-0308 10. Field and Pool, or Exploratory Area Location of Well (Footage, Sec., T., R., M., or Survey Description) Grayburg Morrow 990' FSL & 990' FWL 11. County or Parish, State Section 34-17S-29E Eddy County NM 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION ☐ Acidize Deepen Production (Start/Resume) Water Shurt Off Notice of Intent Alter Casing Fracture Treat ☐ Reclamation ☐ Well Integrity Spud Casing Repair New Construction Recomplete Other Subsequent Report Change Plans Plug and Abandon Temporarily Abandon Final Abandonment Notice Convert to Injection Plug Back ☐ Water Disposal Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 small be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.) Spudded a 26" hole with rat hole machine at 1:40 PM, 7-10-2001. Set 40' of 20" conductor pipe. Note: Notified Kathy Queen, BLM of spud. Resumed drilling 14 3/4" hole with rotary tools at 9:00 PM, 7-14-2001. TD 177', lost circulation 64'-69' and 93'-98'. Pumped 8 yds. redi-mix in open hole. WOC 2 hrs. Drilled out cement. 14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Title Karen J. Leishman Engineering Techn Signature Date 8-21-2001 THIS SPACE FOR FEDERAL OR STATE OFFICE USE Date Approved by Title Conditions of approval, if any, are attached. Approval of this notice does not warrant or

Office

certify that the applicant holds legal or equitable title to those rights in the subject lease

which would entitle the applicant to conduct operations thereon.

FORM APPROVED OMB No. 1004-0135 Expires November 30, 2(XX)

CISI

UNITED STATES

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Artesia, NM 88210

FORM APPLICATIONS

ON M. DIV-Dist, 2

Expires Novembre 1301 W. Grand Avertuerial No.

SUNDRY NOTICES AND REPORTS ON WELLS

Artesia, NM 88210

Do not use th abandoned we	us form for proposals to ≘il. Use Form 3160-3 (API	drill or to re-enter D) for such proposa	is.	6. If Indian,	Allonee or Tribe N	ame
SUBMIT IN TR	IPLICATE - Other instru	uctions on revers	e sid <b>e</b>	7. If Unit or	CA/Agreement, No	ame and/or No.
m .cm !!			†. •		· _	
Type of Well	J 045 -			9 Well No.		
Oil Well 2 Gas Well . Name of Operator	J Other			8. Well Nam	ium "34" Fe	d Co= #1
Yates Drilling Co	mpany			9. API Well		.d Com #1
a. Address		3b. Phone No. (inclu-	de area code)	30-015-3		
105 South 4th Str	eet, Artesia, NM	505-746-0			Pool, or Explorate	TV Area
. Location of Well (Footage, Sec.	., T., R., M., or Survey Description			Grayburg		.,a
990' FSL & 990' F				11. County of		
Section 34-175-29	'E					
		·		Eddy Cou	nty NM	
12. CHECK AP	PROPRIATE BOX(ES) TO	O INDICATE NATU	JRE OF NOTICE,	REPORT, OR	OTHER DATA	A
TYPE OF SUBMISSION		Т	YPE OF ACTION			
_	Acidize	Deepen	Production (St	art/Resume) [	Water Shure O	rr
Notice of Intent	Alter Casing	Fracture Treat	Reclamation	ĺ	Well Integrity	ı
Subsequent Report	Casing Repair	New Construction	Recomplete	f	M Other Casi	
	Change Plans	Plug and Abandon	Temporarily /	Abandon	Ceme	ent
Final Abandonment Notice	Canvert to Injection	Plug Back	☐ Water Disposa	d		
10B+1% CAC12 (yld wt 14.8). PD at 30 sxs. WOC 12 h	420'. Insert floa 1.52, wt 14.6). 3 3:30 PM, 7-16-2001 rs. Note: Ran Day Cement job witness	Tailed in with Bumped plug vis/Lynch floa	300 sxs. "C"- to 500 psi, l t equipment Co	+2% CAC12 ( neld okay. entralizers	(yld 1.34, Circulate s on joints	S
	100 RECEIVED OCD ARTES	ACKEPTED FO	OR RECOLD	CARLSBAD FI	RECE 2001 AUG 22 BUREAU OF	
<ol> <li>I hereby certify that the forego Name (Printed/Typed)</li> </ol>	ing is true said correct	, <b>, , , , , , , , , , , , , , , , , , </b>		ELD (	. 70 =	
Karen J. Leishma	n - 18085	Title	Engineering	Technicia	ED ED	
Signature Taren	2 Zuzha	Date	8-21-2001	GMT. FICE	18	
) ;	THIS SPACE	FOR FEDERAL OR	STATE OFFICE U			
Approved by			Title	D	ate	
Conditions of approval, if any, arcertify that the applicant holds le which would entitle the applicant to	gal or equitable title to those rig		Office	15		:
Title 18 U.S.C. Section 1001 and States any faise, fictitious or fraud	Fitle 43 U.S.C. Section 1212, ma ulent statements or representation	ke it a crime for any persons to any matter within i	on knowingly and willfi	ully to make to an	y department or ag	gency of the United

Name (Printed/Typed)

Signature

Approved by

Karen J. Leishman

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease

which would entitle the applicant to conduct operations thereon.

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Oil Cons. N.M. DIV-Dist. 2

FORM APPROVED DMB No. 1004-0125 Expires November 30, 2000 dsF

BUREAU OF LAND MANAGEMENT 1301 W. Grand Avenuerial No. SUNDRY NOTICES AND REPORTS ON WELLS Artesia, NM 88 ndian, Allottee or Tribe Name abandoned well. Use Form 3160-3 (APD) for such proposals. SUBMIT IN TRIPLICATE - Other instructions on reverse side 7. If Unit or CA/Agreement, Name and/or No. Type of Well Oil Well A Gas Well Other 8. Well Name and No. Millennium "34" Fed Com #1 Name of Operator Yates Drilling Company 9. API Well No. 3a. Address 3b. Phone No. (include area code) 30-015-31833 505-746-0308 105 South 4th Street, Artesia, NM 10. Field and Pool, or Exploratory Area Location of Well (Footage, Sec., T., R., M., or Survey Description) Grayburg Morrow 990' FSL & 990' FWL 11. County or Parish, State Section 34-17S-29E Eddy County NM 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Acidize Deepen Production (Start/Resume) ☐ Water ShureOff Notice of Intent Alter Casing Fracture Treat Reclamation Well Integrity Other Casing and Casing Repair New Construction Recomplete Subsequent Report Change Plans Plug and Abandon Temporarily Abandon Cement Final Abandonment Notice Convert to Injection Plug Back ☐ Water Disposal Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate chiration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.) 7-21-2001 TD 2900'. Ran 69 jts. 8 5/8" 32# J-55 8rd ST&C casing, set at 2900'. Float shoe set at 2900'. Float collar set at 2857.10'. Cemented with 725 sxs. 35/65/6 + 5# LCM + 1/4# CF (yld 2.04, wt 12.5). Tailed in with 200 sxs. "C" + 1% CAC12 (yld 1.34, wt 14.8). PD at 3:34 AM, 7-22-2001. Circulated 125 sxs. WOC, 28 hrs. Drilled out at 8:00 AM, 7-23-2001. Resumed drilling 7 7/8" hole. 14. I hereby certify that the foregoing is true and correct

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, ficutious or transmission representations as to any matter within its jurisdiction.

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Title

Date

Title

Office

8-21-2001

Date

# UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0135 Expires November 30, 2000

If Indian, Allottee or Tribe Name

0

**BUREAU OF LAND MANAGEMENT** 

Lease Serial No.

Louise	ochui ito.
	NM-96219

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other in	structions on reverse side	7. If Unit or CA/Agreement, Name and/or No.			
1. Type of Well	_				
Oil Well [3] Gas Well Dother		8. Well Name and No.			
2. Name of Operator		Millennium "34" Fed Com #1			
Yates Drilling Company		9. API Well No.			
3a. Address	3b. Phone No. (include area code)	30-015-31833			
105 South 4th Street, Artesia, N	M 505-746-0308	10. Field and Pool, or Exploratory Area			
4. Location of Well (Footuge, Sec., T., R., M., or Survey Descr	ription)	Grayburg Morrow			
990' FSL & 990' FWL		11. County or Parish, State			
Section 34-17S-29E					
	•	Eddy County NM			
12 CUECK ADDDODDIATE DOVE	S) TO INDICATE MATTIRE OF MOTIC	E DEBORT OF CHIEF DATA			

12. CHECK AT NOT MATE BOA(ES) TO INDICATE MATURE OF NOTICE, REPORT, OR OTHER DATA							
TYPE OF SUBMISSION	TYPE OF ACTION						
Notice of Intent  Subsequent Report	☐ Acidize ☐ Alter Casing ☐ Casing Repair	Deepen Fracture Treat New Construction	Production (Start/Resume) Reclamation Recomplete	☐ WaterShumOff ☐ Well Integrity ☑ Other Casing &			
Final Abandonment Notice	Change Plans Convert to Injection	Plug and Abandon Plug Back	<ul><li>☐ Temporarily Abandon</li><li>☐ Water Disposal</li></ul>	Cement			

RECEIVED ARTESIA OCO ARTESIA A		SEP 2 6 2001  LES BABYAK PETROLEUM ENGINEER	RECEIVED  NOT SEP 20 PM 12 57  BUREAU OF LAND HIGHT  ARLSBAD FIELD OFFICE
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)  Karen J. Leishman	Title	Engineering Technic	ian
Signature Kapen J Kershman	Date	9-19-01	
THIS SPACE FOR FEDERA	L OR	STATE OFFICE USE	
Approved by		Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warr certify that the applicant holds legal or equitable title to those rights in the subject which would entitle the applicant to conduct operations thereon.	ant or lease	Office	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for a States any false, fictitious or fraudulent statements or representations as to any matter	πν perso within it	on knowingly and willfully to make to s jurisdiction.	any department or agency of the United

Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the sile is ready for final inspection.)

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Oil Cons. N.M. DIV-Dist. 2 1301 W. Grand <del>Aven</del>

FORM APPROVED OMB No. 1004-0135 Expires November 30, 2000

Date

1 APPROVED No. 1004-0135

1301 W. Grand Avenue I No. **BUREAU OF LAND MANAGEMENT** SUNDRY NOTICES AND REPORTS ON WELLS Artesia. NM 882104-96219 Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals. 6. If Indian, Allottee or Tribe Name SUBMIT IN TRIPLICATE - Other instructions on reverse side 7. If Unit or CA/Agreement, Name and/or No. Type of Well Oil Well X Gas Well Other 8. Well Name and No. Millennium "34" Fed Com #1 Name of Operator Yates Drilling Company -9. API Well No. 3a. Address 30-015-31833 3b. Phone No. (include prea code) 505-746-0308 105 South 4th St., Artesia, NM 10. Field and Pool, or Exploratory Area 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Grayburg Morrow 990' FSL & 990' FWL 11. County or Parish, State Section 34-17S-29E Eddy County, NM 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION ☐ Acidize Deepen Production (Start/Resume) ☐ Water Shut-Off Notice of Intent Alter Casing ☐ Fracture Treat Reclamation Well Integrity Other Perf, Acid Casing Repair New Construction Recomplete Subsequent Report Change Plans Plug and Abandon Temporarily Abandon ☐ Final Abandonment Notice Plug Back Convert to Injection Water Disposal Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BlA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.) See attachment. AUCEPTED FOR RECORD CARLSBAD FIELD OFFICE DEC - 7 2001 LES BABYAK PETROLEUM ENGINEER 14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Title Karen J. Leishman Engineering Technician Signature 12-6-01

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Title

Office

MILLENNIUM "34" FEDERAL COM #1 Section 34-17S-29E Eddy County, New Mexico NM-92619 December 5, 2001

11-13-2001

thru 11-20-2001

December 3, 2	.001						
10-30-2001	RUPU. Nippled up hydraulic BOP. RIH with 4 3/4" bit and scraper. Tagged cement at 8758'. Rigged up reverse unit.						
10-31-2001	Drilled cement to 9420' inside 5 1/2" casing, circulated hole clean.						
11-1-2001	Picked up 2 3/4" bit and drilled cement to 10,053' inside 3 $\frac{1}{2}$ " csg. and fell through. RIH to 10,210' and tagged cement.						
11-2-2001	Drilled out cement to 11,294'. Circulated hole clean. Pressured up hole and tested liner to 1500 psi for 30 min. Held good.						
11-3-2001	Ran CBL, Gamma Ray and CCL.						
11-4-2001	Pressured casing to 2000 psi. Casing held good. RIH with packer and set in liner at 9436'.						
11-6-2001	Perforated Morrow with 2 1/8" guns with .25" holes, as follows:						
	10,874'-10,882' with 6 SPF 10,914'-10,919' with 6 SPF						
11-7-2001	Swabbed well.						
11-8-2001	Acidized Morrow perfs. With 1500 gals. 7.5% NEFE HCL acid with 78,105 SCF N2. Flowed well back and rigged up swab line and swabbed well.						
11-9-2001	Swabbed well and flowed well back.						
11-12-2001	Frac'd Morrow perforations (10,874'-10,919') with 34,160# of 20/40 Interprop, 10,300# 20/40 Ceramax with 509,583 SCF N2, 89 tons of CO2. Flowed well back.						

Flowed well back. Shut well in, waiting on pipeline connection.



# PATTERSON DRILLING COMPANY LP

— A LIMITED PARTNERSHIP –

410 North Loraine Street • Midland, Texas 79701 (915) 682-9401 • Fax (915) 682-1565

August 11, 2000

Yates Petroleum Corporation 105 S 4<sup>th</sup> St Artesia, NM 88210

RE:

Inclination Report Haldeman EN #2 Sec 31; T-17-S; R-26-E

## Gentlemen:

The following is an inclination survey on the above referenced well located in Eddy County, New Mexico:

358' - 0.75	3464' - 0.50	6900' - 1.00
758' – 1. <b>0</b> 0	3938' - 0.75	7377' – 1.00
1227' - 1.75	4415' – 0.75	7695' - 1.00
1335' 1.50	4893' - 1.00	<b>7696'</b> – 1.00
1554' 1.50	5370' <b>–</b> 1.00	8040' - 0.75
2031' - 1.50	5466' - 1.25	8484' - 0.75
2508' - 1.25	5944' - 1.00	8800' - 2.50
2986' 1.25	6422' 1.00	

Sincerely,

Robicca Columned

Rebecca A. Edwards Administrative Assistant

STATE OF TEXAS

**COUNTY OF MIDLAND** 

Rebecca A. Edwards acknowledged the foregoing before me this 11th day of August 2000.

MY COMMISSION EXPIRES:

**NOTARY PUBLIC** 

TREVA FORRESTER
NOTARY PUBLIC
STATE OF TEXAS
My Comm. Exp. 9 2-2000

Form 3160-4

(July 1992)

# UNITEL JTATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUP (1) CONS. FORM APPROVED

N.M. - Dist. 20MB NO. 1004-0137

1301 W. Grand Avenue ebruary 28, 1995

Artesia, NM 882 | Grantion and Serial NO.

											I NM-9	96219		
WELL	COI	MPLE	TION O	RRE	COMP	PLET	ION REF	PORTA	ND	LOG*	6. IF INDIAN, AL		OR TRIBE N	JAME
1a. TYPE OF WE			Oil		GAS X	DRY					1			
			WELL	_	WELL	_	OTHER		<del></del>	<del></del>	7. UNIT AGREE	MENT NA	ME	
b. TYPE OF COM	_	,			J1			1. N. W.		11		•		
		WORK	DEEP-		PLUG	DIFF	□	600	<b>A</b> .		8. FARM OR LE			,
WEL		OVER	EN_		BACK	CENVR.	OTHER		<u> </u>	<del>- 1</del>	Millenni		. Fed	Com #1
2. NAME OF OPE Yates		ling	Company	/			/	<u> </u>		.4	30-015-3	31833		
3. ADDRESS AND 105 Sc			Street,	Arte	sia, N	M 5	05 <b>–</b> 746 <b>–</b> 0	308 RE	CEIV	ED	10. FIELD AND Grayburg	POOL, OR 3 Mori	WILDCAT COW	
4. LOCATION OF	WELL (Re	eport location	on clearly and in	accorda	nce with any 5	State requ	uirements)*	<del>i non</del>	117	<del>  []                                    </del>	11. SEC., T.,R.,	M., OR BLO	OCK AND S	URVEY
At surface 9	990'	FSL &	990' F	WL			,	186			ON AREA			
At top pord, interva	al reported	i below						No.	(3)		Section	34-17	7S-291	Ε
At total depth														
						14. PE	RMIT NO.	DATE	ISSUE	D	12. COUNTY O	R PARISH	13. S1	
		r <del></del>				<u> </u>					Eddy	T	NJ NJ	
15. DATE SPUDD			E T.D. REACHE		7. DATE COM	•		1	-	DF, RKB. RT. G	R. ETC.)*	19. ELEV	/. CASING	HEAD
7-10-20			-11-2001		11-20					L'GR	V41.0	L		700: 0
20. TOTAL DEPTH		VD	21. PLUG, BAI		MD & TVD	22.	IF MULTIPLE CO	MPL. HOW MA	NY "	23, INTER			CABLE	TOOLS
		. (0) 0=			0.00		4D A41D To := ``			DRILLI	ED BY 40-	-11,43		-
24. PRODUCING					Р, ВО ПОМ,	NAME (N	NU AND TVD)"					25		RECTIONAL
10,8	5/4'-	10,91	19' Morr	OW								]	SURVEY	/ MADE
												]	Ye	s
26. TYPE ELECT												27. W	VAS WELL	CORED
CN/GR,	Late	LOTO	3										No	
28.					C	ASING F	RECORD (Report	all strings set in	well)					
CASING SIZE/GR	ADE	WEIGI	HT, LB./FT.	DE	PTH SET (MC	C)	HOLE SIZE	TOP OF	CEMEN	T, CEMENTING	RECORD	T	AMOUNT	PULLED
20"		1		I	40'		26"	Ceme	nt †	o Surfa	ice			
11 3/4	1	42	2#	T	420'		14 3/4"	500		- circu				
8 5/8		32		1	2900'		11"			- circu				
5 1/2'		17#	& 15.5#		99041		7 7/8"			7000				
29.				LINER R					30.		TUBING RECORD			
SIZE	TOP (	MD)	BOTTOM (N	MD)	SACKS C	EMENT	SCREE	N (MD)	Si	ZE [	EPTH SET (MD)	PA	CKER SET	(MD)
3 1/2"	94	36	11429	1	230	sxs.			2	7/8"	9437'		9385	1
31. PERFORATIO	N RECO	RD (Interva	ıl, size and numt	oer)			32.		ACID,	SHOT, FRACTI	JRE, CEMENT SQU	JEEZE, ET	C.	
10 974	-10	9921	6 977	/Q 1-	0100	) Ett	DEPTHI	NTERVAL (MD)		AMOUN	IT AND KIND OF M	ATERIAL L	JSED	
			,6 SPF, , 6 SPF,					74'-10.	919		ed with			7.5%
							10.8	74'-10.	919		with 34			<u> </u>
							1-5-30	. 100	<u> </u>	Inter	rop, 10,	300#	26/46	Ceram
										with	09,583 s	CF N2	. 89	tons Co
33.*						PR	ODUCTION			<u> </u>				
DATE FIRST PRO	ODUCTIO	N	PRODUCTION	METHO	D (Flowing, ga	as lift, pur	mping —size and	type of pump)			WELL STATUS	(Producing	or shut-in)	
DATE OF TEST		HOURS T	TESTED TO	CHOKE S	SIZE		PROD'N FOR	OIL -	BBL	GAS - MCF			GAS-OIL	RATIO
							TEST PERIOR			1	1		1	
FLOW, TUBING F	PRESS.	CASING		CALCULA		Oil	- BBL.	GAS - MCF		WA.	TER - BBL.	OIL GRA	VITY - API	(CORR.)
		<u> </u>		24-HOUR	RATE >							<u> </u>		
34. DISPOSITION	OF GAS	(Sold, use	d for fuel, venter	d, etc.)							TEST W	TNESSED	BY	
35. LIST OF ATT	ACHRAEN	TS						···						
JJ. LIGI OF ATT	NJIMICIN		Direc	tion	al Sur	vev	Electri	c Lore	חפי	Paner	TED FOR	DECC	JBU	
36. I hereby c	ertify th	at the fo									Lavailable reco		711	
	4	/	$\cap \mathcal{Q}$	1			_							_
SIGNED		Oten	X 74	Sm	ran		TITLE E	ngineer	ing	Technic	ian DATE	12	-112-0	1
	. –						Spaces for Ad							
Ti	itle I8 U	.S.C. Se	ction 1001,	makes	it a crime	for any	person know	ingly and wil	lfully t	d make to a	ny department	or agend	cylof the	(
Unit	ted Stat	es any f	aise, fictitiou	s or fra	audulent st	atemer	nts or represe	ntations as 1	o any	matter withi	n its jurisdiction		ا لـ	1
											LES BABY	AK	-0	1
										PET	ROLEUM EN	1GINEE	<u>:</u> K	_

FORMATION	37. SUMMARY OF POROUS drill-stem, tests, including
TOP	S ZONES: (Show depth interval tes
воттом	all important zones of poted, cushion used, time
DESCRIPTION, CONTENTS, ETC.	37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents therof, cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and
NAME  San Andres Bone Springs Wolfcamp Upper Penn Strawn Atoka Morrow Clastics Lower Clastics Chester TD	38. GEOL(
MEASURED DEPTH 2866' 3824' 8016' 9260' 10040' 10324' 10780' 10780' 11271' 11445'	GEOLOGIC MARKERS
TOP TRUE VERT. DEPTH	<b></b>

YATES PETROLEUM CORPORATION
MILLENNIUM 34 FEDERAL COM WELL NO. 1
GRAYBURG MORROW FIELD
EDDY COUNTY, NEW MEXICO
(BASIC P/U)
JOB NO(S): MSRG-1110660
DATE(S): NOVEMBER 2, 2001
MAGNETIC DECLINATION 09 DEGREES 12 MINUTES EAST
ALL DIRECTIONS FROM TRUE NORTH

COMPUTALOG DRILLING SERVICES, INC.

# RECORD OF SURVEY

ALL CALCULATIONS PERFORMED BY AN IBM COMPATIBLE PERSONAL COMPUTER
MINIMUM CURVATURE METHOD
HORIZONTAL VERSION 4.1wcds

DEPTH	MEASURED
	DRIFT ANGLE
DEPTH	TRUE VERTICAL
	DRIFT DIRECTION
	TOTAL COORDINATES
	C L O S
	ANGLE
DEG/100FT	DOG LEG SEVERITY

CDS SURFACE RECORDING GYROSCOPIC MULTISHOT SURVEY FROM SURFACE TO 9423 FT MD

2400 2600 2800	1800 2000 2000	1200 1400 1600	600 800 1000	200 400
1.65 1.88	1.75 2.33 2.72	2. 28 2. 32	1. 23 1. 12 1. 28	. 63
2398.87	1799.38	1199.80	599.96	.00
2598.75	1999.25	1399.67	799.92	200.00
2798.69	2199.06	1599.51	999.88	399.99
10.82	343.62	359, 93	300.33	.00
3.63	355.17	332, 75	3.68	55.83
11.68	354.08	340, 05	12.35	323.73
62.54 N	38.13 N	17.08 N	4.30 N	พ
69.36 N	45.11 N	24.06 N	7.33 N	
74.31 N	53.89 N	31.40 N	11.46 N	
11.17 W	9.40 W	2.13 W	1.47 W	.00 E
10.24 W	10.60 W	3.96 W	3.21 W	
9.62 W	11.44 W	7.16 W	2.60 W	
63.53 70.11 74.93	39.27 46.34 55.09	17.21 24.38 32.20	4.54 8.00 11.75	1.11 2.49
349.87	346.15	352.90	341.07	90.00
351.61	346.77	350.66	336.37	55.83
352.62	348.02	347.16	347.21	26.42
 4 50 54 60 54 60	. 29 . 36 . 19	. 38 . 52	. 33	. 32

9000	8400 8600 8800	7200 7400 7600 7800 8200	6000 6200 6400 6600 6800 7000	00080 00080 00080 00080 00080 00080	3600 3800 4000 4200 4400 4600	MEASURED DEPTH 3000 3200 3400
1.62	2.37 .95 1.60	2. 23 2. 23 4. 03 4. 20	2.17 1.47 1.57 4.55	00.00 CC C	.1122222222.	DRIFT ANGLE 2.02 1.95 2.05
8990.95	8391.16 8591.08 8791.03	7192.68 7392.61 7592.61 7792.39 7992.00 8191.48	993. 5 193. 3 393. 2 593. 2 793. 2 992. 9	4796.98 4996.47 5195.89 5395.20 5594.47 5793.86	3598.27 3798.18 3998.01 4197.85 4397.69 4597.41	TRUE VERTICAL DEPTH 2998.60 3198.49 3398.37
254,85	299.07 249.53 253.98	269. 87 263. 83 260. 12 270. 63 269. 07	9 10 10 10 10 10 10 10 10 10 10 10 10 10	5.23 352.98 350.75 345.12 353.55 10.87	20.03 8.73 358.18 347.30 6.82 22.97	DRIFT DIRECTION 6.03 8.22 36.18
259.37 N	260.80 N 260.88 N	258.96 Z 258.96 Z 261.60 Z	55.03 55.03 57.09 57.09		98.44 N 104.35 N 112.39 N 120.39 N 128.30 N 138.48 N	TOTAL COOR 79.89 N 86.76 N 93.01 N
77.56 W	62.75 W 67.92 W 72.15 W	10.57 W 15.79 W 25.05 W 37.46 W 51.82 W	1.13 1.59 1.59 3.82 3.02 7.41	្រុ ១០០០	<b>⊢⊢</b> ທ ທ•∺	COORDINATES  N 8.82 W N 7.97 W N 5.37 W
270.72	268.25 270.88 270.67		<i>u</i>	-44 D4D (	0 4 W 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C L O S DISTANCE 80.38 87.12 93.17
343.35	346.47 345.48 344.54	S6. S6. S1.			358.64 359.51 359.74 359.33 359.28 .54	U R E ANGLE 353.70 354.75 356.70
.01	. 95	47 401	3.30 1.42 1.32 1.61	. 45 . 15 . 37 . 72		PAGE NO. 2 DOG LEG SEVERITY DEG/100FT .41 .05

DRIFT DIRECTION 263.20 316.28 287.28 258.49 N 260.29 N 260.63 N TOTAL COORDINATES 81.53 W 84.64 W 85.21 W C L O S 271.04 273.71 274.20  $\subset$ ANGLE 341.99 341.90 342.49 PAGE NO. DOG LEG SEVERITY DEG/100FT . 46 . 63 3. 91

W

MEASURED

DRIFT ANGLE

TRUE VERTICAL

DEPTH

DEPTH

9200

1. 55 1. 65

9190.91 9390.87 9413.86

9423 9400

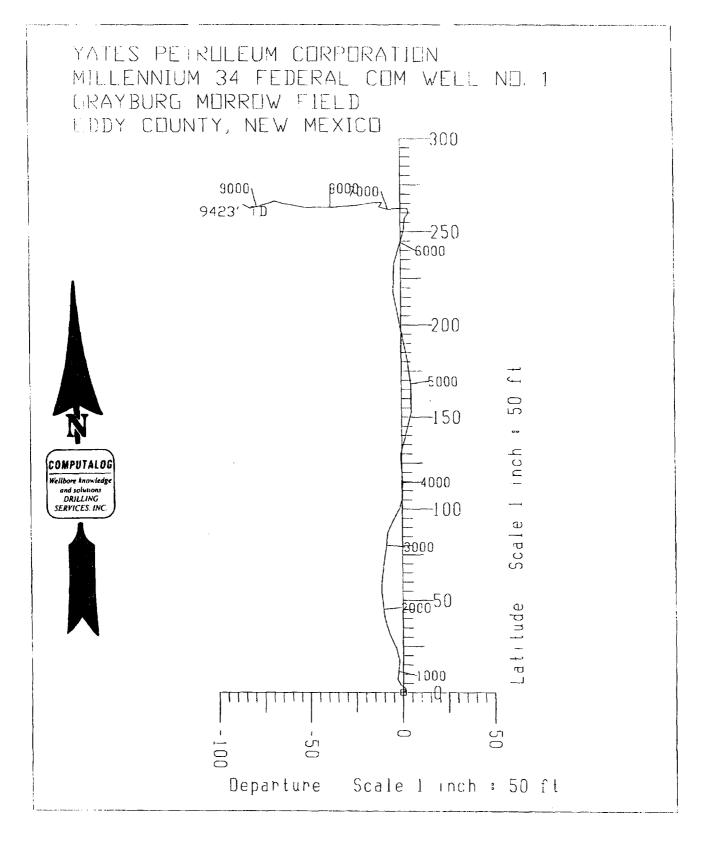
BOTTOM HOLE CLOSURE

DRILLING SERVICES, INC. Wellbore knowledge and solutions

274.20 FEET AT 341.90 DEGREES AZIMUTH

This is to certify that the Survey Readings from to **9423** were obtained by our Field Surveyors and represent, to the best of our knowledge, a true and accurate survey of the well at the time the survey was run. COMPUTALOG

Wellbore bnowledge and solution DRILLING SERVICES, INC.



# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LANDMANAGEMENT

	OUIIS.
№ 1 г	DIV-Dist. 2
	71 V-DISL. Z
1301 J 🕜	Grand Avenue
	SICKING WINDSOVED
Artesia	NM 88237 1004-0135

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SUNDR Do not use the abandoned we SUBMIT IN TR.  Type of Well Oil Well A Gas Well Name of Operator Yates Drilling Co Sa. Address 105 South 4th Str Location of Well (Footage, Sec. 990' FSL & 990' F	5. Lease Serial No. NM-96219 6. If Indian, Allottee or Tribe Name  - 7. If Unit or CA/Agreement, Name and/or No.  8. Well Name and No. Millennium "34" Fed Com #1  9. API Well No. 30-015-31833  10. Field and Pool, or Exploratory Area Grayburg Morrow			
Section 34-17S-29		,		11. County or Parish, State
12 CUECK AD	DDODDIATE BOVIES T	·	NATIOE OF NOTICE !	Eddy County NM
TYPE OF SUBMISSION	FROPRIATE BUX(ES) I	OINDICATE		REPORT, OR OTHER DATA
Notice of Intent	Acidize Alter Casing	Deepen Fracture Tre	TYPE OF ACTION  Production (State   Reclamation   Reclamation   Production   Produc	nrt/Resume)
Subsequent Report	Casing Repair	New Constru		🖎 Other 1st Sales
Final Abandonment Notice	Change Plans Convert to Injection	☐ Plug and Ab☐ Plug Back	andon	
following completion of the invitesting has been completed. Findetermined that the site is ready	volved operations. If the operational Abandonment Notices shall	on results in a mult be filed only after	iple completion or recompletion all requirements, including rec	uired subsequent reports shall be filed within 30 day in a new interval, a Form 3160-4 small be filed one clamation, have been completed, and the operator ha
	:	OCO PETE SE	JAK . 5	MLCG ST
14. I hereby certify that the forego Name (Printed/Typed)	ing is true and correct			
Karen J. Leishman	n	Title Engineering	Technician	
Signature Lanan	2 Leiskman		Date 1-16-2002	
	THIS SPACE	FOR FEDERA	L OR STATE OFFICE US	SE
Approved by			Title	Date
Conditions of approval, if any, are certify that the applicant holds le			int or	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

which would entitle the applicant to conduct operations thereon.

(July 1992)

# UNITEL STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLIC	Oil Copen APPROVED
(See ott	Oil Cons. NO. 1004-0137  N.M. DIV-Dist of the body 28, 1995  Of W. Grand Avenue
R stru	101 W Grand Avenue

reverse Afriesia, NM<sub>N1</sub>88210 6. IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG' GAS X DRY TYPE OF WELL WELL WELL OTHER 7. UNIT AGREEMENT NAME A56789101112 **b** TYPE OF COMPLETION NEW X 8. FARM OR LEASE NAME, WELL NO. WORK DEEP. PLLG DIES BACK CENVR OTHER WELL EN Millennium 34 Fed Com #1 2. NAME OF CPERATOR 9. AP! WELL NO 30-015-31833 Yates Drilling Company O. FIELD AND POOL, OR WILDCAT 3. ADDRESS AND TELEPHONE NO 505-746-0308 RECEIVED 105 South 4th St., Artesia, NM Grayburg Morrow OCD - ARTESIA 1. SEC., T.,R.,M., OR BLOCK AND SURVEY 4, LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\* 8 ON AREA 990' FSL & 990' FWL At too pord, interval reported below .7: Section 34-17S-29E At total depth 12. COUNTY OR PARISH 14. PERMIT NO DATE ISSUED Eddy NM 18. ELEVATIONS (DF, RKB, RT. GR. ETC.) 15. DATE SPUDDED 16, DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 19, ELEV, CASINGHEAD 9-11-2001 11-20-2001 3531' GR 7-10-2001 TOOLS 23. INTERVALS 21 PLUG BACK T.D., MD & TVD 22. IF MULTIPLE COMPL, HOW MANY CABLE TOOLS 20. TOTAL DEPTH, MD & TVD 40-11,430 11,397 11,430' DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION -TOP, BOTTOM, NAME (MD AND TVD) 25. WAS DIRECTIONAL SURVEY MADE Yes 10,874'-10,919' Morrow 27. WAS WELL CORED 26. TYPE ELECTRIC AND OTHER LOGS RUN No CN/GR, Laterolog CASING RECORD (Report all strings set in we'l) 28. CASING SIZE/GRADE WEIGHT, LBJFT. DEPTH SET (MC) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLED 2011 26" 401 Cement to surface 11\_3/4" 42# 4201 3/4 500 sxs - circulate 5/8" 29001 925 sxs - circulate 1/2" 99041 sxs 6216 TURING RECORD LINER RECORD 30 BCTTOM (MD) SACKS CEMENT DEPTH SET (MO) SCREEN (MD) SIZE PACKER SET (MD) 9437 9385 1/2 9436 11429 230 sxs 778 31, PERFORATION RECORD (interval, size and number) ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 10,874'-10,882', 6 SPF, 48 holes, .25" 10,874'-10,919' Acidized w/ 1500 gals. 7.5% 10.914'-10.919', 6 SPF, 30 holes, .25" NEFE HCL, 78105 S Frac'd w/ 34,160# 10.300# 20/40 Ceramax w/ 509,583 SCF N2, 89 tons CO2 77 • PRODUCTION DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping -- size and type of pump) WELL STATUS (Producing or shut-in) -16-2002 Flowing Producing SAS-CIL RAT O OURS TESTES PROD'N FOR OIL - 68L GAS - MCF 1-23-2002 24 16/64 2 132 3 TEST PERIOD 66/1 FLOM, TUBING PRESS ASING PRESSURE ALCUILATED OI: - 331 GAS - MCF WATER - BBL IL GRAVITY 24-HOUR RATE 54.5 Est. 0 200 34. DisPosition of GAS (Soid, used for fuel, vented, etc.) TEST WITNESSED BY Sold Greg Boans 35. LIST OF ATTACHMENTS ACCEPTED FOR RECORD Survey, Electric Logs, DST Report Directional 35. Thereby certify that the faregoing and attached information is complete and correct as determined from all available records SIGNED TITLE Engineering Techn JANTE 31-128002 (See Instructions and Spaces for Additional Data on Reverse Side) Title I8 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any faise, fictitious or fraudulent statements or representations as to any matter within its jurisdictor by ARYAK PETROLEUM ENGINEER

	37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents theref; cored intervals; and all duff-stem, tests, including depth interval tested, cushion used, time tool open, flowing and stut-in pressures, and recoveries):  FORMATION  10P  BOTTOM  DESCRIPTION, CONTENTS, ETC.
	NAME MARIE MARIE MARIE San Andres Bone Springs Wolfeamp Upper Penn Strawn Atoka Morrow Clastics Lower Clastics Chester TD
7	GEOLOGIC MARKERS  TOP  MEASURED  DEPTH  2866' 2866' 3824' 9260' 10040' 10324' 110780' Lics 110754' 11271' 11445'

# istrict I O Box 1986, Hobits, IsM 82241-1986 istrict II

O Drawer DD, Astenia, NM 88211-0719 latrica III

# State of New Mexico sergy, Minerala & Natural Resources Departs

# OIL CONSERVATION DIVISION PO Box 2088

Form C-104

Revised February 10, 1994

Instructions on back
Settofiit to Appropriate District Office

5 Copies

000 Rio Brazos Satrict (V				Santa I	Fe, NM	87504	-2088		A	u	AME	ENDED REPORT
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		th 4th		7				}	<del> </del>	Reseas for		Code
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# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Oil Cons.

N.M. DIV-Dist. 2

FORM APPROVED ON B No. 1004-0135
Expires November 30, 2000
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Do not use inc	NOTICES AND REPO s form for proposals to I. Use Form 3160-3 (API	arm or to re	enter and [	w. Grand esia, NM	88210 NM-	96219 louce or Tribe Name	
SUBMIT IN TRII	0.21	7. If Unit or Ca	VAgreement, Name and/o	or No.			
Type of Well							
Oil Well  Gas Well  2. Name of Operator	Other		Z MA	The State of the S	8. Well Name		. Jl 1
Yates Drilling (	2000	9. API Well N	m "34" Fed Com o.	1 1/ 1			
3a. Address 105 S. 4th St.,	Artesia, NM	3b. Phone N 505-7	oy(include pred 40-0308 OCD	ARTICIA	30-015-31	833 pol, or Exploratory Area	
Location of Well (Footage, Sec.,	T., R., M., or Survey Description		68 499		Grayburg		
990' FSL & 990'	THE		100		11. County or P		
Section 34-17S-2			1299	P822			
					Eddy Coun		
12. CHECK API	PROPRIATE BOX(ES) T	O INDICATE	NATURE C	OF NOTICE, RI	EPORT, OR O	THER DATA	
TYPE OF SUBMISSION		<del></del>	TYPE O	F ACTION			
	Acidize	Deepen Deepen		Production (Start	/Resume)	Water Shur-Off	
Notice of Intent	Alter Casing	Fracture T	reat 🔲	Reclamation		Well Integrity	
Subsequent Report	Casing Repair	New Cons		Recomplete	[X	Other NTL-2B	
Final Abandonment Notice	Change Plans	Plug and A	•	Temporarily Ab	andon		
Tillal Abandoninent Notice	Convert to Injection	Plug Back	G	Water Disposal			
in a 210 barrel f The water will be Aid Sed Edd NMi Attached is a wat	olved operations. If the operational Abandonment Notices shall for final inspection.)  coduces approximate iberglass tank.  cotrocked by O.K.  I State ction 14-T17S-R28E  ly County, NM  580311146  Ler analysis for t	ely 3 bar:	official completion of the control o	ater per da	in a new interval, imation, have been ay. It is ving dispose	a Form 3160-4 shall be fin completed, and the operators on local	iled once erator has ation
14. I hereby certify that the foregoir Name (Printed/Typed)			Title	<del>-</del>		LES BABYAK OLEUM ENGINEER	}
Karen J. Leishm	<i>n</i> ,		· · · · · · · · · · · · · · · · · · ·	Engineering	g Technicia	an	
Signature Karen	Leisteman:		Date	4-11-02			
	THIS SPACE	FOR FEDER	AL OR STAT	E OFFICE USE	<u> </u>		
Approved by							
Approved by  Conditions of approval, if any, are certify that the applicant holds legs which would entitle the applicant to	il or equitable title to those rig				Date		



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Betty Rivera
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

## ADMINISTRATIVE ORDER DHC-3033

Yates Drilling Company 105 South Fourth St Artesia, New Mexico 88210

Attention: Mr. Tobin L. Rhodes

Millennium 34 Federal Com Well No. 1
API No. 30-015-31833
Unit M, Section 34, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico
Undesignated Grayburg-Atoka (Gas 77720), and

Dear Mr. Rhodes:

Reference is made to your recent application for an exception to Rule 303.A. of the Division Rules and Regulations to permit the above described well to commingle production from the subject pools in the well bore.

Grayburg-Morrow (Gas 77840)Pools.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303.C., and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the zones is hereby placed in abeyance.

The maximum amount of gas which may be produced daily from the well shall be determined by Division Rules and Regulations or by the gas allowable for each respective prorated pool as printed in the Division's Southeast Gas Proration Schedule.

The applicant shall consult with the supervisor of the Artesia District Office of the Division upon completion and testing of the well in order to determine a fixed allocation of production from each of the commingled zones. Upon approval by the Division's Artesia District Office, the applicant shall submit the allocation formula to the Santa Fe Office of the Division.

REMARKS: The operator shall notify the Artesia District Office of the Division upon implementation of the commingling process.

Pursuant to Rule 303.C.(2), the commingling authority granted herein may be rescinded by the Division Director if conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 9th day of August 2002.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

LORI WROTENBERY
Division Director

LW/WVJ

cc: Oil Conservation Division – Artesia

Bureau of Land Management - Carlsbad

1. Type of Well

3a. Address

Name of Operator

Oil Well X Gas Well Other

Yates Drilling Company

# UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

	FORM APPROVED OMB No. 1004-0135 Expires November 30, 20(0)				
•	5. Lease Serial No.				
	NM-96219				
1	6. If Indian, Allottee or Tribe Name				
*****	<del></del>				
ide	7. If Unit or CA/Agreement, Name and/or No.				
7.	<del></del>				
SEP 2002	8. Well Name and No.				
CEIVED	Millennium 34 Federal Com #N				
ARTE COMMA	9. API Well No. 30-015 <del>-31883</del> <b>31833</b>				
10	10. Field and Pool, or Exploratory Area				
786	Grayburg Morrow				
100 JE 2627	11. County or Parish, State				
	, ·				
	Eddy, NM				
E OF NOTICE, RI	EPORT, OR OTHER DATA				
E OF ACTION					
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Reclamation	Well Integrity				
Recomplete	Other				
Temporarily Aba	andon				
■ Water Disposal					
s and measured and tru rith BLM/BIA. Requirention or recompletion	by proposed work and approximate duration thereof, it vertical depths of all pertinent markers and zones, red subsequent reports shall be filed within 30 days in a new interval, a Form 3160-4 shall be filed once mation, have been completed, and the operator has				
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		1 Cl	4 🗸 / 🛌		
105 S. 4th St.  4. Location of Well (Footage, Sec	·	505-746-0308		eld and Pool, or Exploratory Area ayburg Morrow	
990' FSL & 990' FWL	•	9E	11. Co	unty or Parish, State	
		-	Ed	dy, NM	
12. CHECK AF	PPROPRIATE BOX(ES)	TO INDICATE NATU	RE OF NOTICE, REPORT	, OR OTHER DATA	
TYPE OF SUBMISSION		TY	PE OF ACTION		-
	Acidize	Deepen Deepen	Production (Start/Resume	, <u> </u>	
Notice of Intent	☐ Alter Casing	Fracture Treat	Reclamation	■ Well Integrity	
Subsequent Report	Casing Repair	New Construction	Recomplete	Other	
- · ·	Change Plans	Plug and Abandon	Temporarily Abandon		

(include a

3h. Phone

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting dat If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. following completion of the involved operations. If the operation results in a multiple completion or recompleteding has been completed. Final Abandonment Notices shall be filed only after all requirements, including determined that the site is ready for final inspection.)

#### Propose to:

Final Abandonment Notice

Perforate Atoka formation 10,677'-10,688' and frac same.

Convert to Injection

Downhole commingle Atoka with existing Morrow perforation produce both together (See attached NMOCD approval)

Plug Back

14. I hereby cer	rify that the foregoing is true and correct	
Name (Prin Karen		Title Engineering Technician
Signature	Karien D. Leusdman	Date 9/9/2002
	THIS SPACE FOR FEDERAL	OR STATE OFFICE USE
Approved by	(ORIG. SGD.) ALEXIS C. SWOBODA	PETROLEUM ENGINEER SEP 1 2 2002
certify that the	oproval, if any, are attached. Approval of this notice does not warra applicant holds legal or equitable title to those rights in the subject life the applicant to conduct operations thereon.	of or Office

File 18 U.S.C. Section 1001 and File 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

	ELLS ran osals.	FORM APPROVED  OMB No. 1944-035 Expres January 31, 2644  5. Lease Serial No. NM-96219 6. If Indian, Allottee or Tribe Name  7. If Unit or CA/Agreement, Name, and or No.  Millennium 34 Fed Com #1 9. API Well No.  30-015-31833  10. Field and Pool, or Exploratory Area  Fundes Grayburg Atoka
		11. County or Parish, State
990' FSL & 990' FWL Section 34-17	S-29E	Eddy, NM
12. CHECK APPROPRIATE BOX(ES) TO INDICA	TE NATURE OF NOTICE,	REPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent  After Casing  Casing Repair  Change Plans	Reclamar Reclamar Reclamar Reclamar Recompletion Recompletion Recompletion Recompletion Recompletion and Abandon Regular Recompletion and Abandon Recompletion and Abandon Recompletion or recompletion in a new interval, a rements, including reclamation, have been tholes, 66 holes.  Downperfs (10,874' - 10,919' ith 41,380# 20/40 Interpro	inde Abandon Stimulate  sposal  Indiapproximate cursion thereof  I all pertinent markers and zones, its shall be filed within 30 days.  Form 3160-4 shall be filed once completed, and the operator has
14. I hereby certify that the foregoing is true and correct  Name : Printed/Typea)  Karen J. Leishman	Title Engineering Tecl	hnician
A A I	THE LIGHTENING FELL	mineral (
Signature Katen J Zestman	Date 19-Nov-02	
THIS SPACE FOR FED	ERAL OR STATE OFFICE USE	
Approved by  Conditions or approval, if any, are attached. Approval of this notice coes not war dentity that the applicant holds legal or equilable little to those rights in the subjection would entitle the applicant to conduct operations thereon.  Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for	ot lease Office	Date make to any department or agency or the united

Form 3160-4 (September 2001)

Form 3160-4 (September 2001	)		DEPAR BUREA ETION O	UNIT TMEN U OF 1	ED STA IT OF TH LAND MA	TES E IN	TERIO	<b>L30</b>	1 V	Con V. Ga sia. N	दी।	ű F	Ayen	USFORM OMB NO	APPRO 2 lees arguis (	VED -0137	g i'
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3. Address	g Compan	<u>y</u>		3a F	hone No.	Linch	ide area	code \		· · · · · · · · · · · · · · · · · · ·							
105 S. 4th S	Str., Artesia	, NM 8	3210	- 1	)5-748-1	,		CFP	TEI	) FOR	DF(			se Name and : Hennium :			1
4. Location of We	II (Report loca	ation clearl	y and in accor	dance i	with Federa	al req	uremen	15)*				· ː	9 API	Well No		000	
At Surface			990' FSL	& 990	)' FWL								1:	30-01 Ha and Poor o Lindes Gr	Expic	alory	
At top prod. Int	erval reported	l below						L			i	مالاك	1 3e	c., T.,R.,M., or vey or Area	: Вісскі	anu	
At total depth								ALC PET	SIXE	O SYA	1300 <u>UM</u>	)A ::::!:::		34-1 uniy or Pansii Eddy	7S-2 13. Stat		
14. Date Spudde			15. Date ∓.D.F	Reached	d	16. E	Date Cor	•			7/20			evations (DF.F	KB.RT.		
	0/11/2002	1 1001				L		D&A						35	58' G	R	
18. Total Depth:	MD 1 TVD	1,430'		19. Pluç	Back T.D.		MD TVD	11,3971	20. C	epth Bridg	e Plug	Set.	MD TVD				
21. Type Electric &	Other Mechanic	ar Logs Run	(Submit copy o	f each)			Was DS	ell cored T run? al Survey		No No No		Yes	( Submit a ( Submit r ( Submit c	eport)	3202	122232	42526
23. Casing and L	iner Record (/	Report all s	strings set in w	rell)		<del></del> -	Ctoro	Cement	<del></del>	No. of Sk			ura Val	<u> </u>		وبرزنا	<u>ہ</u>
Hole Size	Size/Grade	Wt.(#/ft.	) Τορ (MC	)	Bottm(MD	)		Depth	- 1	Type of Ce	i		urry Vol. (BBL)	Center	-86 1	Pariount 6	102
														1		ARTE	<del>}</del>
				+-					$\dashv$	<del>·</del>				1 2	<u>-</u>		<u>4</u> 1
				+					7					1	420	10819	GVE
24. Tubing Reco	rd																
Size	Deptn Se	t (M:D)	Packer Depti	(MD) r	Size	1	Depth S	et (MD)	Pac	ker Deptn	(MD)	Siz	e Dep	th Set ,MD)	Paci	ker Depth (I	<u>(D.</u>
25 . Producing In	tervals								26. P	erforation	Record	1		-			
F	ormation		Тор				ttom			rated Inter		Siz		o. Holes		Perf Status	
Al Atcka			10,67	7'		10,	688'		10,	677-10,	688	.25	5"	66			
B)								·						<del></del>	<u> </u>		
D)																	
27. Acid, Fractur		Cement S	queeze, Etc.					Α									
10,677'-10,6	oth Interval		2000 gals.	7 1/2	% HCL.	Fra	ac'd w			and Type of 20/40 i			77 tons	CO2. 580	00 sct	 f	
			Nitrogen														
20.5																	
28. Production -	Test	Hours	Tes	it	Cil		Gas	Water	Oi	l Gravity	G	as	Production	Methoc			
aroduced	Date	Tested	1		BBL	i	MCF	BBL	ł	orr. API	Gra	vity					
10/17/2002 Cnake	11/11/02 Tbg. Press.	24 Csg.	24 1		Oil		52 Gas	3 Water	<b>-</b>	NA Sas: Oil	Nation!	S:atus	Flowing				
Size	Flwg. 245	Press.	Rai		BBL		Gas MCF	B5L	'	Ratic	MAGII	บ.ฮเนร	<b>.</b>				
50/64	SI			<u> </u>	0		52	3			<u></u>		P	RODUCI	NG_	. <del></del>	
28a Production-	interval B	Hours	Tes	it.	Oil		Gas	Water	Oi C	Sravity	Gas	<del></del>	Production	h'ernog			
Produced	Date	Tested	1	ction	BBL		MCF	BBL	Carr.		Gravi	- 1					
Choke Size	Tbg. Press. Flwg	Csg. ≥ress.	24 ) Ra		Oil BBL		Gas MCF	Water BBL	Gas. Ratio		Wen	Status	<u> </u>			-	

3b. Production	- Interval C										
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method		
Produced.	Date	Tested	Production   >	BBL	MCF	BBL	Corr. API	Gravity			
Choke	Tbg. Press.	Csg.	24 Hr.	Cil	Gas	Water	Gas Cil	Well Statu	l	<del></del>	
Size	Fiwg.	Press.	Rate	BBL	MCF	BBL	Ratic				
	SI				1	1 1					
c Production	- Interval D										
Date First	Test	Hours	Test	O:I	Gas	Water	Oil Gravity	Gas	Production Method		
Produced	Date	Tested	Production	BEL	MCF	BBL	Corr. API	Gravity			
					1						
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas. Cii	Well Statu	15	· · · · · · · · · · · · · · · · · · ·	
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratic				
	SI					' '					
Disposition	of Gas (Sold, a	and for final	Located etc.	<u> </u>		1		. <del>L</del>			
	n Gas (Soid, c	isau ioi iuei,	vernes, etc.)								
ld									<del></del>	··	
. Summary of	Porous Zones	s (Include Ac	quiters):					31. Forma	ation (Leg) Markers		
			d contents there ion used, time to								
F	ormation		Тор	Bottom	Desc	ription, Co	ntents, etc.		Name	Top	
							/-			Meas Depth	
Refer to Oi	iginal com	pletion									
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2. Additional re	emarks (includ	le plugging p	procedure):								
	•		•								
			<del></del>		<del></del>				<del></del>	·····	
3.Circle enclos	sed attachmer	IIS:									
1. Electrical/I	Mechanical Lo	gs (1 full set	req'd.)	2. Geolog	ic Report		3. DST Repor	t 4, Dir	ectional Survey		
5. Sundry No	tice for pluggi	ng and ceme	ent verification	6. Core A	nalysis		7 Other:				
•											
I hereby cer	tify that the fo	regoing and	attached informa	ition is compie	te and corr	rect as det	ermined from a	il available	fecoros (see attached	instructions)*	
ame(please p	nnt) <u>Kar</u>	en J. Lei	shman					Title	Engineeri	ng Technician	
ignature		1/3.00	a O Guelan						Date 11/20/20		
gnature		- june	m p v	war Mer	<u> </u>				te 11/20/2002		
ile 18 U.S.C	Section 1001	and Title 43	U.S.C. Section	1212, make it	a crime tor	any perso	n knowingly ar	a willfully to	make to any departme	ent or agency of the Cr	
nes anv false	e. ricutious of t	audulent st	atements or repri	esentations as	to any ma	itter within	us jurisdiction.				

District I 1625 N: French Dr., Hobbs, NM 88240 (matrict II 841 South First, Artesia, NM 88210 (District III) (District III) (Instrict IX) 1.20 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico Energy, Minerals & Natural Resources

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

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

AMENDED REPORT

## I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

*Operator turns and Address									OGRID Number						
Yates Dri	_					025513									
105 Sout Artesia N								1 Reaso	on for Filing	Code Liffeetive	c Date				
4 API Sambe			20.48					L			RC				
			5 Pool Name							6 Pool Co		_	ł		
30-0 Property Code	15-3183	3		<del></del>	designated G		oka ————			* Well Nau		2 <i>c</i>			
	28164			N	fillennium 34		m			Well Xun		1			
h Sinface Live Litter	Section Section	Townsl	ap Range	Lot Idn	Feet from the	Feet from the North South Line		Feet	tion the	List West his	ie	Comer			
M	34	178	29E	М	990	South		990		West		Eddy			
	m Hole L	ocation	1	T				Feet from the		· · · · · ·					
(4 or lot no	Section	Towns	hip Range	Lot ldn	Feet from the	: North Si	North South line		from the	East West In	ik.	County			
h i se l cole	1 Product	ng Method C	ode 14 G.	Connection Date	1, C-178	Permi Number		U- ( -129	Lifetive Day		, , ,	-129 Езришкі, Тай,			
	<u></u>														
III. Oi	and Gas	Transpo	Diters	my S. Addres		GOP 65	21.17	<u></u> Τ		: Po	DUISIR	Landin			
		Aunyo [	energy Comp			31410	G		11001 2		<u>ud Descu</u>				
1478	31 	105 S.		uny	7. 19. 7-18.	Control of the second	7.00		Omt i	4-173-296	=				
1	Sept.		, NM 8821			enlage	A S								
1386			Pipeline In	c. Trucking		31409	0		Unit L-3	4-17S-29E	3				
100 100 100 100 100 100 100 100 100 100	1.0233.5		West Ave. and, TX 753	91-0588											
					3968 192 67 35							0202122			
					10	MOY 2002  RECEIVED  COLOR ARTESIA						3			
											15	NOU sees	— <i>23</i>		
1969			···		#19.4	(2) Y	6 4: 41.0				<b>8</b>	MUY 2002			
IV. Produce	ed Water		I.				<del></del>				2 1	OCD - ARTESIA	زز درزن		
* POD 25	831411		Unit L-34-	eation and Descripto 17S-29E	in .					`	10		رق ا		
V Well Co		Data	<del></del>								6	153456>			
2º Smid			26 Ready Date		2° ID	2 bB.	ro		"Perforati	erforations DHC. N					
KC 10.1			10/17/02		11,430'	11,397'		10.677-10		2801					
	Hole Size		- "	Casing & Tubing	Size		<sup>3</sup> Depth Ser	<u></u>	2 Sacks Centent			ks Cement			
			İ		İ								!		
			<del> </del>												
L			1												
VI. Well 1	est Data	367	ias Delivery Date	. ,	Test Date	31 -	est Lengt.		30.	fly by o		*****	1		
<u></u>	10/17/2002 11/11		1/11/02	/02 24 hrs.				Thg. Pressure 245		"Csg Pressure					
** Chake 50/6			- Oil		"Water 3 bbls.	Gas 52 mcf				* AOF		fest Method Flow Test			
47.1 hereby cert	A		. CO	NSERV	ATION	DIVI	SION								
and that the information given above is true and complete to the best of my knowledge and lacker.  Supporting						ONIGHTAL SIGNED BY TIM W. GUM									
Part of	are	<u> </u>	Keiskn	u.		Approved by:				- ER 1190					
Karen J.	Leishma	ın				inte:		······································							
nac Engineeri	Approval Date:				DEC	02	2012								
Date			Phone	. 0208											
11/20/02			505-746	1-0208		L									

Form 3160-5 (September 2001)

## UNITED STATES DEPARTMENT OF THE INTERIOR

Oil Cons. N.M. DIV-Dist. 2 1301 W. Grand Avenue Artesia, NM 88210

FORM APPROVED
OMB No. 1004-0135

BUKE	AU OF LAND MANAGE	MENI AILESIA, I		Ехфи	es January 31, 2004
* ****	TICES AND REPORT s form for proposals to dril			5. Lease Serial No. LC-085108	NA196214
abandoned well.	Use Form 3160-3 (APD) fo	or such proposals.	_	6. If Indian, Allottee	or Tribe Name
SUBMIT IN TRIPLI	CATE - Other instr	ructions on reverse side		7. If Unit or CA/Agr	eement, Name and/or No.
1. Type of Well Oil Well X Gas	Well Other	RECE	IVED	8. Well Name and	No.
2. Name of Operator		X YAM	1 7004	Millenniu	m 34 Fed Com #1
Yates Drilling Company		98B-AI	DTECIA	9. API Well No.	
3a. Address		3b. Phone No. (include area code)	TO COIP	30-	015-31833
105 S. 4th Str., Artesia, NM	88210	505-748-8463		10. Field and Pool,	or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M				Gra	yburg Atoka
				11. County or Paris	sh, State
990' FS	L & 990' FWL Section	on 34-17S-29E		Eddy, NN	Λ
12. CHECK APPROP	RIATE BOX(ES) TO	INDICATE NATURE OF	NOTICE, RI	EPORT, OR O	THER DATA
TYPE OF SUBMISSION		ТҮРЕ С	F ACTION		
X Notice of Intent	Acidize  Alter Casing  Casing Repair	Deepen Fracture Treat New Construction	Production ( Reclamation X Recomplete	Start/Resume)	Water Shut-Off Well Integrity X Other
Subsequent Report	Change Plans	Plug and Abandon	Temporarily	Abandon	Perf
Final Abandonment Notice	Convert to Injection	Plug Back	Water Dispo	sal	

13. Describe Proposed of Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof.

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones.

Attach the Bond under which the work will be performed or provide the Bond No. on file with BLMBIA. Required subsequent reports shall be filed within 30 days. following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Spot 170' cement plug from 10,720' to 10,550'. Perforate Penn zone 9424' to 9450'. Acidize with 10,000 gals. of 15% NEFE acid.

I hereby certify that the foregoing is true and correct		
Name (Printed/Typed)		
Karen J. Leishman	Title	Engineering Technician
Signature Karen J. Lushman	Date	3/12/2004
THIS SPACE FOR FED	ERAL OR	STATE OFFICE USE
Approved by (ORIG. SGD.) ALEXIS C. SWOBODA		PETROLEUM FNGMEERDateMAY 07 2004
Conditions of approval, if any, are attached. Approval of this notice does not wan certify that the applicant holds legal or equitable title to those rights in the subject which would entitle the applicant to conduct operations thereon.	ct lease	Office
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for	any person i	knowingly and willbully to make to any department or agency of the United
States any false, fictitious or fraudulent statements or representations as to any ma	itter within its	jurisdiction

Form 3160-5 (September 2001)

# 

FORM APPROVED OMB No. 1004-0135 Expires January 31, 2004

Do not use this form for proposals to drill or re enter an

5. Lease Serial No. LC-065108

abandoned well.	Use Form 3160-3 (APD) fo	r such proposals.		6. If Indian, Allottee	or Tribe Name
	ICATE - Other instr	ructions on reve	<u> </u>		ement, Name and/or No.
1. Type of Well Oil Well X Gar	s Well Other		RECEIV	8. Well Name and N	
2. Name of Operator Yates Drilling Company			OCUMENT	Millenniun 9. API Well No.	1 34 Fed Com #1
3a. Address		3b. Phone No. (include		30-0	015-31833
105 S. 4th Str., Artesia, N	4 88210	505-748	-8463	10. Field and Pool, o	or Exploratory Area
4. Location of Well (Footage, Sec., T., R., I	M., OR Survey Description)				/burg Atoka
מממי בי	SL & 990' FWL Section	on 34-179-20E		11. County or Parish Eddy, NM	•
	PRIATE BOX(ES) TO		URE OF NOTIC		
TYPE OF SUBMISSION			TYPE OF ACTI		
	Acidize	Deepen	一	luction (Start/Resume)	Water Shut-Off
Notice of Intent	Alter Casing	Fracture Trea		amation	Well Integrity
X Subsequent Report	Casing Repair Change Plans	New Constru		omplete oporarily Abandon	X Other Site Security Diagram
Final Abandonment Notice	Convert to Injection			er Disposal	Site Security Diagram
Attached please find	a Site Security Diag	<b>TH</b> OCD		DEC 6 2 LES BABYA PETROLEUM ENC	00.1 K
14. I hereby certify that the foregoing is to Name (Printed/Typed)  Karen J. Leishman	ue and correct	Title	Engineering T	echnician	
Signature Have 07	Cushman	Date	12/2/2004		
	THIS SPACE	FOR FEDERAL OR	STATE OFFICE U	ISE	
Approved by			Title	Date	
Conditions of approval, if any, are attach certify that the applicant holds legal or e which would entitle the applicant to conduct the second of the second	quitable title to those rights ct operations thereon.	in the subject lease	Office		
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent sta	U.S.C. Section 1212, make it atements or representations a	a crime for any person as to any matter within its	knowingly and willbully s jurisdiction	y to make to any department	or agency of the United

## N.M. Of Cons. DIV-Dist. 2

Form 3160-5 (September 2001) 1301 W. Grand Avenue
UNITED STATES
DEPARTMENT OF THE INTERPRESIA, NIVI 88210
BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires January 31, 2004

#### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or re enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No. NM-96219

abandoned well.	Use Form 3160-3 (APD) fo	r such proposals.		6. If Indian, Allottee	or Tribe Name
SUBMIT IN TRIPLI	CATE - Other instr	ructions on rever	se side	7. If Unit or CA/Agr	reement, Name and/or No.
I. Type of Well  Oil Well  X Gas	Well Other		2 0 7805	8. Well Name and	
2. Name of Operator				<del></del>	m 34 Fed Com #1
Yates Drilling Company			AATESIA_	9. API Well No.	045 04000
3a. Address		3b. Phone No. (include a	•	<u> </u>	015-31833
105 S. 4th Str., Artesia, NM 4. Location of Well (Footage, Sec.,T.,R.,M		505-748-8	463		or Exploratory Area  Byburg Atoka
				11. County or Paris	sh, State
	L & 990' FWL Section			Eddy, NA	
12. CHECK APPROP	RIATE BOX(ES) TO	INDICATE NATU	RE OF NOTICE	, REPORT, OR O	THER DATA
TYPE OF SUBMISSION		Т	YPE OF ACTIO	N	
Notice of Intent  X Subsequent Report  Final Abandonment Notice  13. Describe Proposed of Completed Operation ( If the proposal is to deepen directionally or re Attach the Bond under which the work will be following completion of the involved operation testing has been completed. Final Abandor determined that the site is ready for final insp  See attachment.	complete horizontally, give subsite performed or provide the Bon ns. If the operation results in a oment Notices shall be filed only	including estimated starting d urface locations and measurer d No. on file with BLM/BIA. multiple completion or recom after all requirements, includi	Reclamation, have been	onlete  rarily Abandon  Disposal  and approximate duration to of all pertinent markers and onts shall be filed within 30 a Form 3160-4 shall be file in completed, and the operation of the opera	zones, Didays, edionce
14. I hereby certify that the foregoing is true Name (Printed/Typed)	e and correct				
Karen J. Leishman		Title	Operations Tecl	hnician	
Signature Kasen	Lushman	Date	12/9/2005		
7 0	THIS SPACE	FOR FEDERAL OR S	TATE OFFICE US		
Approved by			Title	Date	e
Conditions of approval, if any, are attache certify that the applicant holds legal or et which would entitle the applicant to conduct Title 18 U.S.C. Section 1001 and Title 43 to	quitable title to those rights operations thereon.	in the subject lease	Office		
States any false, fictitious or fraudulent sta				make to any departmen	nt or agency of the United

Millennium "34" Federal Com #1 Section 34-17S-29E Eddy County, NM 30-015-31833

10-28-2004	RIH with CIBP and set at 10,550'.
10-29-2004	RIH and dumped 50' cement on top of CIBP. PBTD 10,500'.
	Perforated Penn zone 9424'-9450', 6 SPF, .25" holes.
12-21-2004	RIH with CIBP and set at 9000'. RIH and dumped 50' cement on top of
	CIBP. Perforated 8610'-8650', 1 SPF, .36" holes.
12-28-2004	Acidized well with 2000 gals 15% HCL acid.
12-30-2004	RIH with CIBP and set at 8550'. RIH and dumped 50' cement on top of
	CIBP. PBTD 8500'.
12-31-2004	Perforated 8370'-8414', 2 SPF, .36" holes.
1-5-2005	RIH with CIBP and set at 8300'. RIH and dumped 50' cement on top of
	CIBP. PBTD 8250'. Perforated 7812'-7814', 2 SPF, .36" holes.
2-2-2005	RIH with CIBP and set at 7800'. RIH and dumped 50' cement on top of
	CIBP. PBTD at 7750'. Perforated 7504'-7530', 1 SPF, .36" holes.

Well is currently shut-in pending re-completion attempt.

### **OCD-ARTESIA**

Form 3160-5 (September 2001)

## UNITED STATES DEPARTMENT OF THE INTERIOR DUBEAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135

,	BURE	AU OF LAN	ND MANAGE	MENT					Exp	ires Janua	ry 31, 2004
			D REPORT						5. Lease Serial No NM-96219		
aban	doned well.	Use Form 3	160-3 (APD) fo	or such pro	posals.				6. If Indian, Allotte	e or Tri	oe Name
SUBMIT	N TRIPLI	CATE - C	Other inst	ructions	on revers	se side	CEI	ΛĒŪ	7. If Unit or CA/Ag	reemer	t, Name and/or No.
Type of Well     Oil Well	X Gas	Well	Other					2006	8. Well Name and	No.	
2. Name of Operator			· · · · · · · · · · · · · · · · · · ·			UUU	1940	uden	Millenniu	m 34	Fed Com #1
Yates Drilling Com	pany			,					9. API Well No.		
3a. Address				3b. Phone	No. (include a	•					-31833
105 S. 4th Str., Ar				l	505-748-8	463			10. Field and Pool		· .
<ol> <li>Location of Well (Footage,</li> </ol>	Sec.,T.,R.,N	I., OR Survey	Description)						<del></del>		g Atoka
	0001 50			04.45	70 005				11. County or Pari		ie
AA CVERCY			FWL Secti			OF OF	NOT	TCE DI	Eddy, NI		D 1751
		KIA I E BO	)X(ES) 10	INDICA					EPORT, OR O	THE	CDATA
TYPE OF SUBMIS	SION			·	T	YPE O	F AC	TION			
		X Acid	Jize	Γ	Deepen	ſ	Г	roduction (	Start/Resume)		Water Shut-Off
Notice of Intent		=	er Casing	X	Fracture Treat	ĺ	$\Box_{R}$	eclamation		$\overline{\Box}$	Well Integrity
			ing Repair		New Construction	i	=	ecomplete		$\equiv$	Other
X Subsequent Report				<u> </u>	,				41 1	لتنا	
<u></u>			inge Plans	느	Plug and Abando	on [	=	emporanly		•	Perf
Final Abandonmen  13. Describe Proposed of Complete			wert to Injection		Plug Back			Vater Dispo			
following completion of the invitesting has been completed. determined that the site is read 1/18/2006 1/20/2006 1/24/2006 1/31/2006	Final Abandor dy for final insp Set CIBP Perforated Acidized v Frac'd wit	ment Notices section.) at 7430' and Bone Sprinith 3500 gats h 6000 gats 6/30 Litepro	shall be filed onling d dumped 35 ngs, 6964'-7( als 10% HCL 9.5# brine, 4	y after all requ 5' cement of 040', .44" I . acid with 4,000 gals	on top of CIBF noles, 2 SPF. 228 ball seale 35# linear ge	ng reclamat P. New i ers. Beg el, 25,000	tion, hav PBTD gan sw O gals	7395'.  /abbbing Medallio	npleted, and the opera	ator has	40 White Sand,
14. I hereby certify that the fo	regoing is tru	e and correct			1						
Name (Printed/Typed) Karen J. Le	ishman				Title C	Operati	ons	Tech.			
	, 0	9	· .						<del></del>		
Signature 3 0	a J	المحالف ا	THIS SPACE	EOD FFF	<u> </u>	2/2/200		. Uer			
	<del>LED LO</del>	PRECO		. FUR FEL	DERAL OR S	TATE OF	rrict	USE			
Approved by	sco) D	YAID K	COLUMN .	<del>.</del>		Title			Dat	te	<del></del>
Conditions of approval, if an certify that the applicant hole which would entitle the applica	dsliegal onec	urtable title to t operations t	those rights	in the subje	ct lease	Office					
Title 18 U.S.C. Section 1001	and Title 43 (	J.S.C. Section	1212, make i	t a crime for	any person kno	owingly an	nd willb	ully to mai	ke to any departme	nt or ac	ency of the United

PETROLEUM ENGINEER

Form 3160-5

## OCD-ARTESIA

**UNITED STATES** 

FORM APPROVED

(September 2001)			T OF THE INTE AND MANAGE						OMB No. 1004-0135 Expires January 31, 2004			
	SUNDRY NO		ND REPORT						5. Lease Serial N NM-96219			
	abandoned well.	Use Form	3160-3 (APD) fo	r such pro	posals.				6. If Indian, Allotte	e or Tri	be Name	
	MIT IN TRIPL	ICATE -	Other instr	uctions	s on reve	rse side	ÇEI	\£D	7. If Unit or CA/A	greemer	nt, Name and	Jor No.
1. Type of Well Oil Well	X Gas	s Well	Other				8 0 8	_	8. Well Name and			
2. Name of Operator	Company					<b>U</b> UU	- Viria	I COM	William	<u>ım 34</u>	Fed Con	n #1
Yates Drilling	Company			2h Dhana	No (inaluda	acea eada)			9. API Well No.	.015	-31833	
3a. Address	. Autocia AIA	4 00210	, I	3b. Phone	No. (include				······································			
4. Location of Well (Fi				L	505-748-	0403			10. Field and Poo		pioratory Area rg Atoka	1
4. LOCATION OF WEIL (F	oolage, sec., r.,n.,n	n., OR 301VI	ey Description)						11. County or Par			
	000' ES	1 P 000	LEWI Socia	on 24 1	76 20E				Eddy, N			
12. CH	ECK APPROP		' FWL Section  BOX(ES) TO			RE OF	NOT	ICE. RE			R DATA	
TYPE OF SU						TYPE O			<del></del>			
										$\overline{}$		<del></del>
[]		1 ===	rcidize	<u> </u>	Deepen	l I	$\equiv$	·	Start/Resume)	님	Water Shut-Of	t
Notice of I	ntent	<b>│                                    </b>	Alter Casing	X	Fracture Treat	į	∐_R	eclamation		닏	Well Integrity	
X Subsequent	Resort	l ∐°	Casing Repair		New Construc	tion	X R	ecomplete		X	Other	
[] Subsequent	кероп	[c	hange Plans		Plug and Aban	don	T	emporarily	Abandon		Perf	
Final Abani	donment Notice	c	Convert to Injection		Plug Back	[		ater Dispo	sal			
Attach the Bond under following completion or	epen directionally or no which the work will of the involved operation oleted. Final Abandoo le is ready for final inspection of the perforate Acidized Frac'd will	ecomplete hor be performed ons. If the op- nment Notices pection.) at 7430' at d Bone Sp with 3500 ga	rizontally, give subsit or provide the Bonderation results in a s shall be filed only and dumped 35 prings, 6964'-70 gals 10% HCL	urface location to the control of th	ons and measure with BLM/BIA. spletion or recordirements, include on top of CII holes, 2 SPF 228 ball sea 35# linear g	ed and true we Required su npletion in a ding reclamate BP. New Inc.	ertical di absequer new inte tion, hav PBTD gan sw D gals	epins of all not reports starval, a Form e been com 7395'.  abbbing Medallion	perlinent markers an all be filed within: an 3160-4 shall be fil inpleted, and the oper well.  well.  n 3500 with 100	d zones. 30 days. led once ator has		and,
14.   hereby certify tha			ect		T				**************************************			
	J. Leishman				Title	Operation	ons T	Tech.				
(	2	ر						· · · · · · · · · · · · · · · · · · ·				<del></del>

2/2/2006 Signature Date ACCEPTED FOR DECOTHIS SPACE FOR FEDERAL OR STATE OFFICE USE Approved by SELIC SCD. L DAVID & CLASS Title Date Conditions of approval, if any, are attached. Approval of this notice does not warrant or certity that the applicant notice legal of equitable, title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willbully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

Form 3160-4 (September 2001				BUREA	TMEN U OF	TED STA NT OF TH LAND M/	IE II Ana	NTERIO GEMEI	TV								OM	IB NO.	PPRO 1004 nuary :		
	WEL	L COM	PLE	TION O	RRE	COMP	LE	TION	REPO	R	T AN	ID L	OG		5.	Lease	Serial I	No.			
1a. Type of Well	X c	il Well		Gas Well		Dry		Other							٦		1	NM-	962 <sup>-</sup>	19	
b. Type of Complet	tion:	New We		Work Over		Deepen		Plug Baci	k	X	] [	Oiff. Res	svr.,		6.	if India	n, Alloi	itee or	Tribe	Name	
2. Name of Open		Variet Treas	<u> </u>												7.	Unit or	CA Ag	reeme	ent Na	me and No.	_
Yates Drillin	ng Comp	any																			
3. Address					3a.	Phone No.	(inc	lude area	code)						8.	Lease	Name :	and W	/ell No		
105 S. 4th 5						05-748-1									$\perp$			ım 3	4 Fe	ed Com #1	
4. Location of We	eli (Report	location ci	early a	and in accor	dance	with Feder	al re	quiremer	nts)*						9.	API W			- 24	000 <b>000</b>	7
At Surface			9	90' FSL	& 99	0' FWL					RE	CEI	VE!	)	10	3. Field			5-31 Explo		2_
<b>A A A A B B B B B B B B B B</b>	41										MÁI	2 2	2006		1.	1. Sec.,			Block	and	
At top prod. In	tervai repo	пеа реюм								Ω	ഹ	. A =	TES		1	Surve			7S-2	oF	
At total depth										•	VU	****	1 (2)		17	2. Count					
r it total dopur																E	ldy	- [		NM	
14. Date Spudde	nd .		15	Date T.D.F	Paache	м.	16	Date Cor	moleted			2/4	1/200	6	1,	7. Eleva		DE BK	(B RT	Gi ).	
•	1/17/200	16			NA		,,,,		D&A		X		to Proc	_		. Licto					
			<del>.</del>				L			T								300	8' G	<u> </u>	
18. Total Depth:	MD T∨D	11,43	<i>-</i>		19. Plu	g Back T.D	.: 	MD TVD	7395'	20.	. Dept	n Bnd(	e Plug	Set:		AD VD					
21. Type Electric &	Other Mech	anical Logs	Run (S	Submit copy o	f each)		22	Was We	eli corec	1?		No		Yes (	(Sub	mit ana	ıtysis)				
							· ·	Was DS				No		-		mit rep					
RI	EFER TO	ORIGIN	AL C	OMPLETI	ON		l	Direction		n	$\Box$	No	$\equiv$		•	mit cop					
			- 11 - 4 - 4		155		L					_									—
23. Casing and l	Iner Recoi	ia (Report	an sun	ngs secin w	<i>T</i>			State	Cemen	er	T No	of SI	s & T	Slu	my Vo	ol. I			т		
Hole Size	Size/Grad	de Wt.	#/ft.)	Top (MD	))	Bottm(MD	)	1	Depth	-	1	e of Ce	•		BBL)		Cem	ent T	op*	Amount Pull	led
			-					1													
		$\bot$								_	$\perp$								$\Box$		
	<u> </u>			<b></b>	-			L			↓_								1		
	<b></b>	-		<del> </del>	-}-	<del></del>		<u> </u>		211	┼										
	<del> </del>			╂──				<del> </del>			╁										
24. Tubing Reco	ord			<u></u>	Щ.			L			<u> </u>								1		
Size		Set (MD)	P	acker Depth	(MD)	Size		Depth S	et (MD)	P	acker	Depth	(MD)	Size	. Ti	Depth:	Set (N	(D)	Paci	er Depth (MI	D)
25 . Producing Ir	ntervals									26	. Perfo	ration	Record								
F	ormation			Top		<b></b>	Во	ottom		Pe	rforate	d Inter	val	Size		No.	Holes	1	- 1	Perf. Status	
A) Bone Springs				6,964	·	<b> </b>	7,0	040'		Ш	6,964	1-7,0	40'	.44		1	52	_			
B)			- -			<del> </del>				Ļ.					-			4			
C)		<del></del>	-				_			-					-+			-+			
27. Acid, Fractur	re Treatme	ent Ceme	nt Sou	eeze Etc		<u> </u>															
	pth Interval		7	DOLO, CIO.					Am	our	at and	Type o	f Mater	ial						*	
6,964'-7,040				00 gals.					seale	rs.											
			Fi	ac'd with	6000	gals 9.	5# 1	brine, 4	1000 g	als	35#	linea	ır gel,	25,0	00 g	als N	leda	llion	350	00	
			W	ith 1000#	20/4	0 white	san	d, 803	2# 14/	30	Liter	orop-	125, 6	6,70	0#	16/30	whi	te sa	and,		
20 5	1-4		15	5,280# 16	3/30 \$	Siberpro	p fo	r tail sa	and.	_											
28. Production - Date First	Interval A Test	T LI	ours	Tes	. —	Oil		Gas	Water	_	Oil C	n de	<del></del>	<u>. In</u>		dia = 0 1	-61-				
Produced	Date		sted	Produc		BBL		MCF	BBL		Oil Gra Corr.	•	Grav		IUQUC	ction M	PD100				
2/5/2006	2/21/200		4			15		44	2.9		38.		]		umı	pjng					
Choke	Tbg. Pres	ss. C	sg.	24 H	lr.	Oil		Gas	Water	$\vdash$	Gas:	Oil	Well S			7.7	-		—		
Size	Flwg. 245		9 <b>5</b> 5.	Rate		BBL		MCF	BBL	•	Rati				-		,				
	<u> </u>				· 	15		44	2.9	L	34/	1				PRO	DDU	CIN	G		
28a. Production- Date First				T ==		T 2::-		T 6:	1.4	آن	<del>SA</del>	CEF	JE (	) FO	D t	356	)PI	pT			_
Produced	Test Date		urs sted	Produc		Oil BBL		Gas MCF	Water BBL										2022 2022		
	]								]	1	IT. AP	1	GOY	ij p	AY	id a		3-64	EP (S)		
Choke	Tbg. Pres	ss. C	sg.	24 H	r.	Oil		Gas	Water	๘	ıs: Oil		MAN S	tatus	70	06	+	$\dashv$			
Size	Flwg.	Pro	ess.	Rate		BBL		MCF	BBL .	R		'	]								
	SI				•				<u> </u>	Ц		<u></u>	<u> </u>					_1			

DAVID R. GLASS
PETROLEUM ENGINEER

28b. Production	- Interval C										
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production M	ethod	
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity			
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas: Oil	Well Status	5		
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio				
28c. Production		L						<u> </u>			
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production M	thod	
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity	i ioodolicii ii	J., 100	
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas: Oil	Well Statu	<u></u>		
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio				
29. Disposition		used for fuel, v	<u></u>				L	L			
Sold											
30. Summary of Show all importests, including and recoveries.	rtant zones of	porosity and	contents there					31. Forma	tion (Log) Mari	kers	
F	Formation		Тор	Bottom	Desci	ription, Co	ontents, etc.		Name		Top Meas Depth
32. Additional re	emarks (includ	de plugging pro	ocedure):	- 1							
5. Sundry No	Mechanical Lo	gs (1 full set re ng and cemen	t verification	Geologi     G. Core Ar	nalysis	ect as det	3. DST Report 7. Other: ermined from all	<del></del>	ctional Survey	ached ins	tartions)*
Name(please p		en J. Leist		ы із сопіріві	ie anu come	ou as 0e1	enninga irom ali		•		ons Tech
		1/2	) b	P D				- Title			·
Signature		1 WEZ	- y c	win	<u>~</u>			- Date			/2006
Title 18 U.S.C. States any talse	Section 1001 e, fictitious or f	and Title 43 U raudulent state	I.S.C. Section 1: ements or repres	212, make it a sentations as	a crime for a to any mat	any perso ter within	n knowingly and its junsdiction.	willfully to a	make to any de	epartmen	or agency of the United

Form 3160-4 (September 2001)	) .		(	UN DEPARTME	ITED STAT	TES	ERIO	ATO	23	COP	1			OMB NO		1137	
	Ź		[	BUREAU O	F LAND MA	MAG	SEMEN		DT A	MED I	10			Serial No.	repary 1	, 2004	
	WELL	. COMPL	<u>.E.I</u>	ON OR F	ECOMP	LEI	ION F	KEPU	KIA	Mb C	/G		5. Lease				
1s. Type of Well	X 0	i Well	_]°	Baa Well :	]ov [	□°	Mher								9621		
b. Type of Completi	-	Now Well Recorn.	w	fork Over	Doopen	□°	tug Back	[	X	OM. Res	R.,		e. II mos	en, Alleitee e	x Tribe f	tame	
2. Name of Opera		100											7. Unit o	r CA Agreem	ent Nan	e and N	o.
Yates Drillin	g Comp	апу															
3. Address				3	a. Phone No.	(inclu	rde aree	code )						Name and \			
105 S. 4th S	Str., Arte	sia, NM 8	8210		505-748-1									ennium :	34 Fe	d Con	1#1
4. Location of We	(Report	ocation clea	ty and	in accordant	e with Feder	ai requ	ulremen	(a). B	FCI	EIVE	D		9. API V		15-318	222	ハムス
At Surface			901	0' FSL & 9	on' FWI			4.2					10. Fier	and Pool. o			
At Sunace			900		30 1 112					4 20	າກຂ					•	_
								M	AK Z	4 20	טעו			, Y.,R.,M., or	Block &	M	
At top prod. In	lerval rapor	ted below											Bur	cy or Area 3.4.1	175-2	0.E	
As seems do ally								VAT	FS	DAIL	ᄣ	1G	12. Cour	ity of Parish			
At total depth								יאנ		•				ddy		NM	
AA Bab Boudd			46.0	ate T.D.Reso	had	18.0	ate Cor	noletori		2/4	/200	6	17. Elec	atrons (DF,F	KB.RT.	GL1"	
14. Date Spudde	54 1/17/200	6	10. 5	NA	i ico			DAA	X	Ready			-	,	58' G	_	
			<u> </u>			<u> </u>							<del> </del>	30	36. G		
18. Total Depth:		11,430		10. 1	Plug Back T.D			7395	20. De	pth Bridg	o Piug	Sec	MD				
	TVD						TVD		L				TVD				
21. Type Electric &	Other Mech	anical Logs Ru	m (Sub	anit copy of eac	h)	22 \	Was We	ali cored	7	] No		Yes (S	Submit aı	nalysis)			
						١,	Was DS	Trun?		] No		Yes (5	er filmdiu	port)			
RI	efer to	ORIGINAL	. CO	MPLETION		1 (	Directions	a) Survey	ı 🗀	No		Yes (S	Submit co	2PY)			
		4.65 4 4 4					_					<u> </u>					
23. Casing and L	JART RACCI	O (KOPOR BII	Sung	E SOT IN WOR			State	Cemum	ar l	No. of Sk	T	Slun	y Val	<del></del>			
Hole Size	Size/Grad	ta We.(#/	E)	Top (MD)	Bottm(MD	»		Depth		ype of Ce		(8)	BL)	Cement	Top"	Amoun	R Pulled
		7	$\dashv$						-4					-			
	-	<del></del>	-+											<b>├</b> ──			
	<b>├</b> ──	<del></del> -	}						-					├──			
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24. Tubing Reco	erd .																
Size		Set (MD)	Pac	ker Depth (M	D) Size	7	Depth S	et (MD)	Pack	er Depth	(MD)	Size	Dept	Set (MD)	Pack	cr Dep	h (MD)
									·								
25 . Producing le	ntervals								26, Pe	noration !	Recon	d					
F	ormation			Top			ttom			ated Inter		Size	No	. Holes		eri. St	tus
A) Bone Springs	<u> </u>		<del> </del>	6,964		7,0	340'		8,9	64'-7,0	40'	.44"	→—	152	<b> </b>		
B)			↓_		<b>_</b>								┿		<b>├</b> ─		
<u>c)</u>			╃—		<del></del>				_				+		├		
27. Acid, Fractu	ne. Treatme	ont Comunit	Source	the Fite					1						<u> </u>		
	pth interva		T T					An	ount a	vd Type o	/ Mate	rial					
6,964'-7,040	),		350	00 gals. 10	% HCL W	th 22	28 ball										
			Fra	ic'd with 60	00 gals 9	.6# b	orine.	1000 g	als 3	# lines	ır ge	, 25,00	ogals	Medallic	n 350	0	
<u> </u>				h 1000# 20					30 LH	eprop-	125,	66,700	# 16/3	iù white:	eand,		
	T 12		115.	280# 16/3	0 Siberpro	p for	r tall s	and.									
28. Production - Date First	Test	- Have		Test	I Oil		Ges	listana	_ A3	C-vide:	r -	as IPn	oduction	Mathed			
Produced	Dete	Hour Tests		Production	L .		MCF	Weter		Gravity rr. API		us jrk Ivity	<b>DONCHON</b>	Mention			
2/5/2008	2/21/20				15		44	2.9	• .	8.4	\ <u> </u>	- 1	umping	}			•
Choke	Tog. Pre	55. Csg		24 Hr.	OI OI		Gas	Water	G	as: Off	Well	Status					
Size	Flwg. 245			Rate	881		MCF	BBL	j e	<b>Patio</b>	ł						•
	<u> </u>			\$	15		44	2.8	1_3	4/1			P	HODUC	NO		
28a. Production			·	W	- A.		~=	142	Ten -			CEPI	EUF	OR RE	ÇU	70	
Produced	Test Date	Hour Tests		Test Production	Oil B <b>8</b> L	1	Gas	Water BBL	Cort.		Gas		777	7 4/1	2	ارا	
	1		~ {			-		}		·		nAZ	ar	THE SHAPE		اسما	
Choke	Tbg. Pre	SS. Ceg		24 Hr.	O8		Çes	Water	Gas: (	DH HC	West	Status	₩ 2	1-500(	<del></del>		
Size	Flwg.	Pres	B.	Rate	68L		MCF	BBL	Retio	l	1	1			į	Į	
	SI		1	<u> </u>	1		<u> </u>	<u> </u>	<u> </u>			_	AVAD F	GLAC	<u></u>		
										1				A ENGIN		7	-

28b. Production										
Date First	Test	Hours	Test	OH	Gas	Water	Oil Gravity	Gas	Production Method	
Produced	Date	Tested	Production	BBL	MCF	BBL	Cerr. APt	Gravity	i	
Choke	Tog. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas: Oil	Well Statu	<u> </u>	
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio	3244	-	
	Si	. ,	<b>3</b>		1	100	11010	ł		
785 B						لــــــــــــــــــــــــــــــــــــــ		<u></u>		
26c. Production		112000		7	- 12	B41. (c. )		-		
Date First	Test	Houre	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Produced	Date	DerzeT	Production	BBL	MCF	BBL	Corr. API	Gravity	1	
								<u> </u>		
Chake	Tog. Press.	Ceg.	24 Hr.	Oil	Ges	Water	Gas; Oil	Well Statu	18	
Size	Flwg.	Press.	Rate	BBL	MCF	BBL.	Ratio	ļ		
	SI		□ 🗢	1	1			ì		
29. Disposition	of Gas (Sold, L	reed for fuel, v	en(ed, etc.)							
Sold	• • •									
			<del> </del>					T		
30. Summary of	Porous Zones	(Include Aqu	ifans):					31. Forma	tion (Log) Markera	
Show all impo	ment zones of	parosity and	contents thereo	t Cored lo	bes sisses	जी तेती-क	197n	<b>!</b>		
tests, including	depth interval	ested, cushlo	n used, time too	open, nowin	-turia bris p	-IN DIRECT	795	1		
and recoveries.						. • . =	_	1		
	Formation		Тор	Bottom	<u> </u>	·		1		Top
	- Cirrianos:		- top	OURAII	Descr	ripion, Co	ontents, etc.	1	Name	Meas Depth
Refer to O	riginal com	pletion								
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32. Additional re	emarks (includ	ona phiagula e	cedure):					<del></del>		
		a burdama bura								
***										
33.Circle enclos										
1. Electrical/A	Aechanical Log	is (1 full set re	o'd.)	2. Geologi	c Report		3. DST Report	4 Direc	ctional Survey	
	tice for pluggin			6. Core An	•			v. Dag	onorial survey	
v. va, (	and the broaders	A man collibrie	YERROSUCHI	o. Cora An	ISIYEIS		7. Other:			
34. I hereby cert	lify that the fore	egoing and att	ached information	n is complet	e and come	cl as dete	mined from at	avallable re	cords (see attached in	aturtions)*
				-						
Name(please pr	ini) Kare	n J. Leish	man	<del>,</del> .				THE	Operati	lons Tech
Signature		Lasa	Q Lu	sha				0	***	
		/ /						- Oate	3/13	3/2006
THE INTEREST	2001	700 1011	F		<del></del>					

DISTRICT I
1600 E. Prench Dr., Shibbs. NR 80940
DISTRICT II
611 South Perel, Artesia, FM 68010
DISTRICT III

1000 His Brusse Ed., Aston, NM 67410

DESTRICT IV 2000 South Pacheco, Santa Pe, 101 67605

## State of New Mexico

Form C-102 Rovined March 17, 1990 Instruction on back Submit to Appropriate District Office

State Loans - 4 Coptes For Loans - 3 Coptes

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

AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

	Mamber		i	tool Code		<del></del>		Pool Name		
30 · 0		<u> </u>	<u>i</u>		Propert	P Harris		Sone Spring	Well No	mber
rropercy (	,,, <del>,,,,,,,,,</del>	<b>\</b>		Mil	- '	-	" Federal Cor	•	1	
OGRED No	<u> </u>	<del> </del>	<del></del>		Operate			4.	Blove	tion.
02551	.3			Y	ATES DR	ILLI	NG COMPANY		353	1'
					Surface	Loca	tion			
UL er let No.	Section	Township	Senge	Let ldn	Feat from	the	North/South line	Fost from the	Best/Vest line	County
м	34	175	29E		990		South	990'	East	Eddy
		·	Bottom	Hole Lo	cation If	Diffe	rent From Sur	lace		<u>-</u>
IL or lot No.	Section	Township	Bango	Lot ldp	Post frags		Morth/South line	Foot from the	East/Vest line	County
Dedicated Acre	a John (	ur Indilli C	Consolidation.	Code C	der No.				<u> </u>	L
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94219		in.				1		4 1		
96219	2			1 .				[	<del></del>	
96219	996							Certificate	No. Herschel L. Jone	ns RLS 3640

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
District IV

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

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

Operator name and Address						OGRID Number 025513						
Yates Drilling Company					Ĺ							
105 South Fourth Street Artesia NM 88210							<sup>3</sup> Reason for Filing Code/ Effective Date					
7 H CSI W T VIVI			·							RC		
4 API Number 5 Pool Name										Pool Code		
30-015-	-31833			Lec	Wills:	Bers Spring Sq 510				1510		
<sup>7</sup> Property Code <b>028</b> 1	164				Property Nam lennium 34 Fe			•	'`	Veli Number	1	
II. III Surface Loc		Township	Range	Lot Idn	Feet from the	n the North/South Line Feet from the			the East	East/West line County		
Ul or lot no. Section Township Range Lot ldn Fe			990	South 990			Vest	Eddy				
11 Bottom				/		· · · · · ·						
UL or lot no. S	UL or lot no. Section Township Range Lot Idn		Feet from the	n the North/South line		Feet from the		West line	County			
12 Lse Code F	Pum		Ga.	s Connection Date	15 C-129 Perm	n Number		16 C-129 Effec	C-129 Effective Date		<sup>17</sup> C-129 Expiration Date	
III. Oil ar	nd Gas T		ers 9 Transporter Na	me & Address	<sup>30</sup> PO.	D 1	21 O/0			12 POD U	LSTR Location	
15694			fining Con		28314	110	0	Un	it L-34-17	and E	Description	
13094	P.	O. Box	_		된				it E-54-17	3-27L		
			1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1					RECEIVED				
											MAR 1 6 2006	
i i							Separtrem				DARTROW	
					•							
IV. Produced V	Water											
<sup>23</sup> POD 2831	1411		pod ulstr Le Jnit L-34-1	cation and Description								
V. Well Comp												
25 Spud Date			Ready Date	<del>-  </del>	, LD	PBTI	·	2º9 F	Perforations	1	<sup>30</sup> DHC, MC	
RC 1/17/2006	6	2	4/2006	11	,430'	7395		696	64'-7040'_	Ì		
31 Ho	ole Size		32	Casing & Tubing Siz	ne	<sup>33</sup> [	Depth Set	et 34 Sacks Cement			<sup>4</sup> Sacks Cement	
				<del></del>			<del></del>					
				-					_	<del></del>		
<u> </u>	<del></del>					<del></del>			-			
VI. Well Tes		1										
<sup>35</sup> Date New Oil <sup>36</sup> Gas Deliver 2/5/2006		Delivery Date	37 Test Date 2/21/2006		Test Length 24 hrs.			39 Tbg. Pressure		40 Csg. Pressure		
41 Choke Size			<sup>©</sup> Oil 15	" Water 3 bbls.		"Gas			43 AC		* Test Method	
<sup>47</sup> 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 an belief.				complied with	OII CONSEDITATION PROGRAM					rumping		
Signature: Kasen J Lewhon					pproved by:	N	loke	Z II	>	gerver		
	Karen J. Leishman					tle:					2006	
	Engineering Technician				Aş	proval Date:					MLK ft 5 sond	
Date: 3/13/2006												

#### Form 3 160-5 (August 1999)

#### **OCD-ARTESIA UNITED STATES**

DEPARTMENT OF THE INTERIOR

**BUREAU OF LAND MANAGEMENT** 

**SUNDRY NOTICES AND REPORTS ON WELLS** 

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

5. Lease Serial No.

<b>.</b>	_	_		
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1	14IAL-D	12 13		
4	f Indian	Allottee o	- T-ika	Mome

	Use Form 3160-3 (APD)			o. If Bidian, A	notice or tribe Name		
SUBMITANTRIPLE	CATE - Other Instruc	ctions on rever	e side	7. If Unit or C	A/Agreement, Name and/o		
1. Type of Well RECEIVED							
Oil Well Gas Well  2. Name of Operator	Other	101	D A E 2000	8. Well Name and No. Millennium "34" Federal #1			
Yates Drilling Company		•	R 0 5 2006	9. API Well No.			
3a. Address		3b. Phone No. finci	ude area code	30-015-31833			
105 South Fourth Street, Arte	esia. NM 88210	(505) 748-1471	•	10. Field and Pool, or Exploratory Area			
4. Location of Well (Footage, Sec., 7		<del></del>		Bone Spring			
990' FSL and 990'	'FWL						
Section 34, T17S-	R29E						
	PRIATE BOX(ES) TO IND	ICATE NATURE O	F NOTICE, REP	ORT, OR OTH	ER DATA		
TYPE OF SUBMISSION		TYPI	E OF ACTION				
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production Reclamation	(Start/Resume) on	Water Shut-Off Well Integrity		
Subsequent Report	Casing Repair	New Construction	~ =		Other Change		
Final Abandonment Notice	Change Plans Convert to Injection	Plug and Abando Plug Back	Water Dist		of name.		
Describe Proposed or Completed Operat     If the proposal is to deepen directionall     Attach the Bond under which the work     Following completion of the involved of     Testing has been completed. Final Ab-     determined that the site is ready for final in  Yates Drilling Company wish     Millennium "34" Federal #1	nispection.)						
Thank you.							
•							
14. I hereby certify that the foregoing	is true and correct						
Name (Printed Typed)	<b>a</b> wan	Title	Domit	-AA			
Signature Cy C	Regulatory Agent Date						
	ACCEPTAGE FOR	Object Constitution of the		/23/06			
Approved by	e in Haria a cale to the control	Title		Date			
ORIG. SGDJ I				Date			
Conditions of approval, if any are estacled certify that the applicant holds enally or duli which would enlite the applicant to conduct	t operations thereon.						
Title 18 U.S.C. Section 1001, make sales finitious or fraudukhu stake	monta obrepresentations as	knowingly and willfu to any matter within	ally to make to an its jurisdiction.	y department or	agency of the United		
(Instructions on reverse)	ENGINEER						

Form 3160-5 (September 2001)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED OMB No. 1004-0135 Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS					5. Lease Serial No. NM-96219			
abandoned well. Use Form 3160-3 (APD) for such proposals.					6. If Indian, Allottee	or Tribe Name		
**************************************								
SUBMIT IN TRIPLICATE - Other instructions on reverse side					7. If Unit or CAVAGRE	ement, Name and/or No.		
1. Type of Well								
X Oil Well Gas	Well Other				8. Well Name and N	o.		
2. Name of Operator						1 34 Fed Com #1		
Yates Drilling Company		2h Dhana	No. <i>Godudo</i> area cada	9. API Well No. (include area code) 30-015-31				
3a. Address 105 S. 4th Str., Artesia, NN	4 88210	1	505-748-8463	1	10. Field and Pool, o			
4. Location of Well (Footage, Sec., T., R., A			303 7 10 0 103		Loco Hills, Bone Springs			
					11. County or Parish, State			
	L & 990' FWL Section				Eddy, NM			
12. CHECK APPROP	RIATE BOX(ES) TO	INDICA	TE NATURE OF	NOTICE, RI	EPORT, OR OT	HER DATA		
TYPE OF SUBMISSION			TYPE C	F ACTION				
	Acidize		Decpen	Production (	Start/Resume)	Water Shut-Off		
X Notice of Intent	Alter Casing		Fracture Treat	Reclamation		Well Integrity		
	Casing Repair		New Construction	Recomplete		<b>X</b> Other		
Subsequent Report	Change Plans		Plug and Abandon	Temporarily	Abandon	Off-lease		
Final Abandonment Notice	Convert to Injection		Plug Back	Water Dispo	sal	Measurement		
13. Describe Proposed of Completed Operation of the proposal is to deepen directionally or re								
Attach the Bond under which the work will it following completion of the involved operation testing has been completed. Final Abandor determined that the site is ready for final inspiration.	ons. If the operation results in a nment Notices shall be filed only	multiple comp	pletion or recompletion in a	new interval, a For	n 3160-4 shall be filed	once		
Yates Drilling Compa The gas produced w located in the SE/4S We will lay 2" polypi Battery. The total flo	il be the only produc W/4 Section 33-17S pe on the surface to	t measu -34E.  T the Duk	red off-lease. The well produces te Energy pipelin	ne pipeline the approximate	nat will transpo ely 40 MCFPD	rt the gas is ).		
I have attached the s	survey plats for the p	ipeline k	ecation and leas	e informatior	۱.			
	APPR	OVE	<u> </u>					
JUN 1 4 2006  GARY GOURLEY PETROLEUM ENGINEER								
<ol> <li>I hereby certify that the foregoing is true. Name (Printed/Typed)</li> </ol>	e and correct							
Karen J. Leishman		Title Operat	ions Tech.					
Signature Karen Q	Leidman		Date 6/7/200	06				
	THIS SPACE	FOR FED	ERAL OR STATE C	FFICE USE				
Approved by			Title		Date			
Conditions of approval, if any, are attached certify that the applicant holds legal or exemple, which would entitle the applicant to conduction.	quitable title to those rights operations thereon.	in the subje	ct lease Office					
Title 18 U.S.C. Section 1001 and Title 43	J.S.C. Section 1212, make it	a crime for	any person knowingly a	nd willbully to mai	ce to any department	or agency of the United		

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

SECTION 34, TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM, EDDY COUNTY, NEW MEXICO. 3568 355 353/ 356/ 35/60 ( Oil Tanks 35ની 3542 Oil Tank. 2= **2534** 106.4 N.65'10'W., N.89'05'W., - N.3 17 - BEGIN SURVEY AGAVE PIPELINE YATES DRILLING COMPANY, 856.4 MILLENNIUM COM 1 128 5 FEET LEASE ROAD 1 N.41'43'E U.S.A. 1,504.3 3502 3541 *352*8 DESCRIPTION:

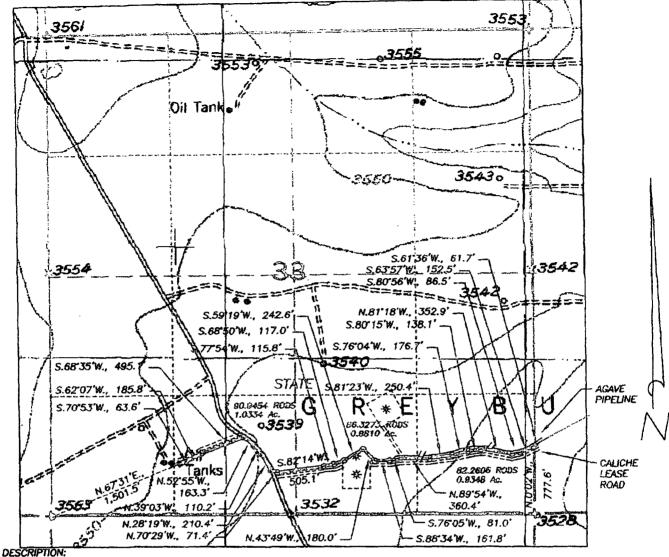
A SURFACE LOW PRESSURE GAS PIPELINE RIGHT OF WAY 30 FEET WIDE AND 1,128.5 FEET IN LENGTH, BEING 15 FEET TO THE LEFT AND RIGHT OF THE SURVEY CENTERLINE AS SHOWN IN RED ON

1,128.5 FEET = 68.3939 RODS, 0.2137 MILES OR 0.7772 ACRES, MORE OR LESS.

NOTE: ABOVE SAID RIGHT OF WAY IS ALONG AN EXISTING AGAVE BURIED PIPELINE AND YATES LEASE ROAD.

THE PREPARATION OF THIS PLAT AND THE PERFORMANCE OF THE SURVEY UPON	1 <u>000'</u>	0 Scale	1° == 1(	1000°	<del></del>	
WHICH IT IS BASED WERE DONE UNDER MY DIRECTION AND THE PLAT ACCURATELY DEPICTS THE RESULTS OF SAID SURVEY AND MEET THE REQUIREMENTS OF THE STANDARDS FOR LAND SURVEYS IN NEW MEXICO AS		DRILLI	NG	COM	1P/	MY
ADOPTED BY THE NEW MEXICOSPATE BOARD SO BECISTRATION FOR PROFESSIONAL ENGINEERS AND LANGUISTIMPE TO BE SO THE SECOND TO THE SECOND TO THE SECOND TO THE SECOND THE SECOND TO THE SECOND TO THE SECOND	YATES DRI WELL LOC	E LOW PRESSURE PI ILLING COMPANY MILL ATED IN SECTION 34, EAST, NMPM, EDDY	ENNIUM "	34" FEDERA	L COM.#1	I
	Survey Date: 4/21	/2006	Sheet	1 of	2	Sheete
GENERAL SURVEYING COMPANY P.O. BOX 1928	Drawn By: Ed Blevin	19	W.O. No			
LOVINGTON, POFERIOR NEXICO 88260	Date: 4/25/06		Scale 1	" = 1000°	MILLE	NNIUM
_/0.1		·				

SECTION 33, TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM, EDDY COUNTY, NEW MEXICO.



A SURFACE LOW PRESSURE GAS PIPELINE RIGHT OF WAY 30 FEET WIDE, BEING 15 FEET TO THE LEFT AND RIGHT OF THE FOLLOWING DESCRIBED SURVEY CENTERLINE;

BEGINNING AT A POINT LOCATED N.0"02"W., 777.6 FEET DISTANT FROM THE SOUTHEAST CORNER OF SECTION 33, TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM, EDDY COUNTY, NEW MEXICO; THENCE S.61"36"W., 61.7 FEET; THENCE S.63"57"W., 152.5 FEET; THENCE S.80"56"W., 86.5 FEET; THENCE N.81"18"W., 352.9 FEET; THENCE S.80"15"W., 138.1 FEET; THENCE S.76"04"W., 176.7 FEET; THENCE S.81"23"W., 250.4 FEET; THENCE N.89"54"W., 360.4 FEET; THENCE S.76"05"W., 81.0 FEET; THENCE S.88"34"W., 161.8 FEET; THENCE N.43"49"W., 180.0 FEET; THENCE S.59"19"W., 242.6 FEET; THENCE S.68"50"W., 117.0 FEET; THENCE S.77"54"W., 115.8 FEET; THENCE S.82"14"W., 505.1 FEET; THENCE N.70"29"W., 71.4 FEET; THENCE N.28"19"W., 210.4 FEET; THENCE N.39"03"W., 110.2 FEET; THENCE N.52"55"W., 183.3 FEET; THENCE S.68"35"W., 495.1 FEET; THENCE S.62"07"W., 185.8 FEET; THENCE S.70"53"W., 63.6 FEET TO A POINT LOCATED AT AN EXISTING PIPELINE STUB—OUT AND BEARING N.67"31"E., 1,501.5 FEET DISTANT FROM THE SOUTHWEST CORNER OF SAID SECTION 33.

SAID TRACT CONTAINS 2.9492 ACRES, MORE OR LESS, ALLOCATED BY FORTY ACRE TRACTS AS FOLLOWS; SE/4SE/4 82.2606 RODS, 0.9348 Ac.; SW/4SE/4 86.3273 RODS, 0.9810 Ac.; SE/4SW/4 90.9454 RODS, 1.0334 Ac., MORE OR LESS. 4,282.3 FEET = 259.5333 RODS, MORE OR LESS.

1000' O 1000' 2000' Scale 1" = 1000' THE PREPARATION OF THIS PLAT AND THE PERFORMANCE OF THE SURVEY UPON WHICH IT IS BASED WERE DONE LINDER MY DIRECTION AND THE PLAT ACCURATELY DEPICTS THE BESILTS OF, SIND SURVEY AND MEET THE REQUIREMENTS OF THE SAMPHOSE FOR LAMB SURVEYS IN NEW MEJOCO AS ADOPTED BY THE NEW MEJOCO STATE SOUND OF REDISTRATION FOR PROFESSIONAL ENGINEERS MILE DAMB STATE FORD. YATES DRILLING COMPANY A SURFACE LOW PRESSURE PIPELINE TO CONNECT THE YATES DRILLING COMPANY MILLERNIUM "34" FEDERAL COM.#1
WELL LOCATED IN SECTION 34, TOWNSHIP 17 SOUTH,
RANGE 29 EAST, NMPM, EDDY COUNTY, NEW MEXICO. No.3540 Survey Date: 4/21/2006 Sheet **Sneets** COMBRIN ESTING COM Drawn By: Ed Blevins Date: 4/25/06 GENERAL SUR P.O. BOX 1928 W.O. Number OVINGTON NEW MEXICO 88260 Scale 1" = 1000' MILLENNIUM YATES DRILLING COMPANY PILLINE CROSSING OF OLD LOCO HILLS ROAD (CR #210) LOCATED IN THE SE/4SW/4 OF SEC. 33, TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM, EDDY COUNTY, NEW MEXICO.

