UNITED STATES Form 3160-4 FORM APPROVED DEPARTMENT OF THE INTERIOR (September 2001) OMB NO. 1004-0137 **BUREAU OF LAND MANAGEMENT** Expires: January 31, 2004 WELL COMPLETION OR RECOMPLETION REPORT AND LOG Lease Serial No. X Gas Well NM-106904 1a. Type of Well Oil Well Dry Other New Well Plug Back Diff. Resvr., 6. If Indian, Allottee or Tribe Name b. Type of Completion: Work Over Deepen Other: 7. Unit or CA Agreement Name and No. 2. Name of Operator e 27 16 17 18 19 20 27 22 Yates Petroleum Corporation 32770 3a. Phone No. (include area code) 8. Lease Name and Well No. 3. Address 105 S. 4th Str., Artesia, NM 88210 505-748-1471 Football BCF Federal #1 4. Location of Well (Report location clearly and in accordance with Federal requirements) 9 API Well No. 30-005-63603 860'FSL & 1650'FWL (Unit N, SESW) At Surface 10. Field and Pool, or Exploratory Pecos Slope Abo Same as above At top prod. Interval reported below Survey or Area Section 1-T12S-R26E County or Parish 13. State Same as above At total depth Chaves **New Mexico** 16. Date Completed Q 15. Date T.D.Reached 14. Date Spudded 17. Elevations (DF,RKB,RT,GL)* 12/22/03 RH 11/28/03 RT 12/1/03 D&A 3719'GL 3736'KB 6400 5110' 6125', 5220' & 5110' 18. Total Depth: MD 19. Plug Back T.D.: MD 20. Depth Bridge Plug Set: MD NA TVD NA TVD TVD X No 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 22 Was Well cored? (Submit analysis) X No Was DST run? (Submit report) CNL, Azimuthal Laterolog, Borehole Compensated X No (Submit copy) Sonic, CBL, Mechanical Sidewall Coring Tool Directional Survey? Yes 23. Casing and Liner Record (Report all strings set in well) State Cementer No. of Sks & Slurry Vol. Hole Size Size/Grade Wt.(#/ft.) Top (MD) Bottm(MD) Depth Type of Cement (BBL) Cement Top* Amount Pulled 16' Conductor Surface 40 Surface 12-1/4 8-5/8 24# Surface 1075 700 sx Surface 7-7/8' 5-1/2" 17# Surface 6400' 500 sx 3166'CBL 24. Tubing Record Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Depth Set (MD) Packer Depth (MD) Size 2-7/8' 4825 25 . Producing Intervals 26. Perforation Record Formation Top Bottom Perforated Interval Size No. Holes Perf. Status 4908 5024 Abo B) See Attached Sheet C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Amount and Type of Material See Attached Sheet 28. Production - Interval A Date First Hours Test Oil Gas Water Oil Gravity Test Gas Production Method Production BBL MCF BBL Produced Date Tested Corr. API Gravity \Rightarrow 5/14/04 24 0 416 0 NA NA Choke Tbg. Press Csg. 24 Hr. Oil Gas Water Gas: Oil Well Status

Size

1/4"

Produced

Choke

Size

28a. Production-Interval B
Date First Test

Flwg

270 psi

Date

Tbg. Press

Flwg

Press

Packer

Hours

Tested

Csg.

Press.

Rate

 \Rightarrow

Test

Production

 \Rightarrow

24 Hr.

Rate

BBL

0

Oil

BBL

Oil

BBL

MCF

416

Gas

MCF

Gas

MCF

BBL

0

Water

BBL.

Water

BBI

Ratio

NA

Gas

Gravity

Well Status

Oil Gravity

Corr. API

Gas: Oil

Ratio

SIWOPL

Production Method

28b. Production	n - 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.	Oil	Gas	Water	Gas: Oil	Well Statu	IS	•
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio			
28c. Production	n - Interval D		L				<u> </u>			
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.	Oil	Gas	Water	Gas: Oil	Well Statu	ıs	
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio			
29. Disposition	of Gas (Sold, u	sed for fuel, v	rented, etc.)							
Sold if prod	uced		. ,							
30. Summary o	f Porous Zones	(Include Aqu	ifers):					31. Forma	ation (Log) Markers	
	rtant zones of depth interval to									
	Formation		Тор	Bottom	Doer	rintion Co	ntents, etc.		Name	Тор
	romation		тор	BOROITI	Desc	Alption, Co	ments, etc.	ivanie		Meas Depth
		-						Queen		368'
								Penrose	е	567'
							54	Graybu	rg	765'
		1						San An	dres	1004'
								Glorieta	1	2194'
								Yeso		2307'
			ļ					Tubb		3656'

Abo

Wolfcamp

Strawn

Wolfcamp B Zone

Wolfcamp-Cisco

Siluro-Devonian

4404'

5052'

5150'

5235' 6104'

6230'

32. Additional remarks (include plugging procedure):

33.Circle enclosed attac	chments:						
1. Electrical/Mechanic	cal Logs (1 full set req'd.)	2. Geologic Report	3. DST Report	4. Directional Survey			
5. Sundry Notice for p	olugging and cement verification	6. Core Analysis	7. Other:				
34. I hereby certify that t	the foregoing and attached information	tion is complete and correct a	s determined from all ava	ilable re	cords (see attached instructions)*		
Name(please print)		Tina Huerta		Title	Regulatory Compliance Supervisor		
Signature	Jina !	hurta		Date	July 12, 2004		
Title 18 U.S.C. Section States any false, fictition	1001 and Title 43 U.S.C. Section 1 us or traudulent statements or representations.	212, make it a crime for any persentations as to any matter w	person knowingly and will ithin its jurisdiction.	fully to m	nake to any department or agency of the United		

Yates Petroleum Corporation Football BCF Federal #1 Section 1-T12S-R26E Chaves County, New Mexico

Form 3160-4 continued:

26. Perforation Record

26	Dorforoto	Doggra	(continued)
- 2b.	Perforate	Record	(continued)

Zu. Feliulation Necolu				20. Feriorale I	vecola (col	iliriueu)	
Perforated		No.	Perf	Perforated		No.	Perf
Interval	Size	Holes	Status	Interval	Size	Holes	Status
5966'-5980'		56	Under CIBP	5558'-5574'		17	Under CIBP
5680'-5706'		27	Under CIBP	5580'-5590'		11	Under CIBP
5742'-5806'		65	Under CIBP	5606'-5620'		15	Under CIBP
5822'-5868'		47	Under CIBP	5630'-5638'		9	Under CIBP
5872'-5888		17	Under CIBP	6184'-6204'		120	Under CIBP
5916'-5932'		17	Under CIBP	5156'-5164'		32	Under CIBP
5944'-5948'		5	Under CIBP	4908'-4912'			Producing
5992'-6012'		21	Under CIBP	4920'-4924'			Producing
6040'-6046'		7	Under CIBP	4926'-4928'			Producing
6054'-6060'		7	Under CIBP	4938'-4940'			Producing
5242'-5252'		11	Under CIBP	4948'-4954'			Producing
5260'-5280'		21	Under CIBP	4958'-4964'			Producing
5286'-5322'		37	Under CIBP	4968'-4970'			Producing
5340'-5354'		15	Under CIBP	4972'-4978'			Producing
5370'-5388'		19	Under CIBP	4986'-4990'			Producing
5408'-5438'		31	Under CIBP	5000'-5010'			Producing
5470'-5492'		23	Under CIBP	5018'-5024'			Producing
5502'-5538'		37	Under CIBP		•	•	

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

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Depth Interval	Amount and Type of Material
5966'-5980'	Acidize w/1400g 15% IC acid and 84 balls
	Acidize w/7500g 20% IC acid and 1500# rock salt and 1500# acid flakes
5680'-6060'	Spotted 5000g 15% IC acid
	Acid frac with 20,000g 15% IC acid and 210 balls
5242'-5638'	Acidize w/20,000g 15% IC Q acid and 230 balls
6184'-6204'	Acidize w/2000g 7-1/2% IC HCL + balls
5156'-5164'	Acidize w/1000g 15% IC HCL + balls
4908'-5024'	Acidize w/4000g 20% IC HCL and balls
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