Form 3160-4 (April 2004)

**UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT TOT HOLL FORM APPROVED

OMB NO. 1004-0137

Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG 5. Lease Serial No. NM-0230377B X Gas Wel Other Oil Well 1a. Type of Well X New Well b. Type of Completion: Work Over Deepen Plug Back Diff. Resvr.. 6. If Indian, Allottee or Tribe Name Other: 2. Name of Operator 7. Unit or CA Agreement Name and No. Yates Petroleum Corporation 3a. Phone No. (include area code) 8. Lease Name and Well No. 3. Address Dazed BDZ Federal Com #2 505-748-1471 105 S. 4th Str., Artesia, NM 88210 4. Location of Well (Report location clearly and in accordance with Federal requirements) 9. API Well No. 30-015-33428 RECEIVED 3400'FSL & 660'FWL 10. Field and Pool, or Exploratory At Surface Cemetary Morrow OCT 18 2004 11. Sec., T.,R.,M., on Block and Same as above At top prod. Interval reported below Survey or Area QQQ:AATESIA Section 3-T21S-R24E At total depth Same as above 12. County or Parish 13. State Eddy **New Mexico** 15. Date T.D.Reached 16. Date Completed 10/14/04 17. Elevations (DF,RKB,RT,GL)\* 14. Date Spudded X Ready to Prod. RT 6/11/04 7/11/04 D&A RH 6/8/04 3828'GL 3847'KB 10,050 9840' 20. Depth Bridge Plug Set: 9890' 18. Total Depth: MD 19. Plug Back T.D.: MD MD NA NA TVD TVD TVD NA X No 22 Was Well cored? Yes 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) (Submit analysis) X No Was DST run? (Submit report) CNL, Hi-Res Laterolog Array, CBL X No Directional Survey? (Submit copy) 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) Type of Cement (BBL) Cement Top\* Depth Amount Pulled 17-1/2 13-3/8" 48# Surface 385 450 sx Surface 12-1/4" 9-5/8" 36# Surface 3346 1300 sx Surface 8-3/4" 26# Surface 10,050 1225 sx Surface 24. Tubing Record Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) 2-7/8' 9702 25 . Producing Intervals 26. Perforation Record Formation Top **Bottom** Perforated Interval Size No. Holes Perf. Status 9828' Morrow 9642' 9914'-9924' .42" 61 Under CIBP B) 9786'-9810' 145 Squeezed C) 9804'-9810' 37 Producing D) 9818'-9828' 61 Producing E) 9642'-9656' 85 Producing 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Amount and Type of Material 9914'-9924 Acidize w/750g 7-1/2% MSA Acidize w/1000g 7-1/2% MSA 9786'-9810 9786'-9810 Squeezed w/60 sx Premium cement, 6% Halad-322, 2.1# sand 9804'-9828 Acidize w/750g 7-1/2% MSA acid 9862'-9864 Squeezed w/60 sx Premium cement, Halad-322 and 2-1 bm salt 9642'-9656 Acidize w/1000g 7-1/2% MSA acid 28. Production - Interval A Date First Test Hours Test Oil Water Oil Gravity Production Method Gas Gas Produced Date Tested Production BBL ИCF BBL Corr. API Gravity  $\Rightarrow$ 8/10/04 10/15/04 24 0 661 73 NA NA Flowing Choke Tbg. Press. 24 Hr. Csg Oil Gas Water Gas: Oil Well Status Size Flwg. Press. Rate BBL MCF BBL Ratio 20/64" 500 psi Packer 0 661 73 NA Producing 28a. Production-Interval B Date First Test Hours Oil Oil Gravity Test Gas Water Gas Production Method Produced Date Tested Production BBL MCF BBI Corr. API Gravity  $\Rightarrow$ Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas: Oil Well Status Press. BBL MCF Size 3 Rate BBL Ratio Flwg

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31. Formation (Log) Markers  32. Summary of Porous Zones (Include Aquifers):  33. Formation (Log) Markers  34. Formation (Log) Markers  35. Formation (Log) Markers  35. Formation (Log) Markers  36. Summary of Porous Zones (Include Aquifers):  37. Formation (Log) Markers  38. Formation (Log) Markers  38. Formation (Log) Markers  39. Formation (Log) Markers  39. Formation (Log) Markers  39. Formation (Log) Markers  31. Formation (Log) Markers  31. Formation (Log) Markers  32. And Contents, etc.  Name Top  Mess Depth  San Andres 1040'  1st Bone Spring 3965'  2nd Bone Spring 6394'  Wolfcamp 6840'  Upper Penn 7832'  Strawn 8876'  Atoka 9186'  Atoka 9186'  Morrow 9624'  32. Additional remarks (include plugging procedure):  33. Indicate which items have been attached by placing a check in the appropriate boxes:	28b. Production	- Interval C	<del></del>								
State   Titis   Press   Csp   24 Hr   Oil   Gas   Water   Cast Oil   Well Status			Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Croke Tits, Press Press Press Rule Rule BBL MCF BBL Ratio Well Status  Rice Production Interval D  Data First Deal Test Production Interval D  Data First Deal Test Production Method Production BBL MCF BBL Car. CPI Car. API Car.		Date	Tested	1	BBL	MCF	BBL	Corr. API	Gravity		
See Production Heleval Discontinue   Freed				<u> </u>							
Record   Production - Internal D   Production   Product	Choke	Tbg. Press.	Csg.	24 Hr.	1				Well Statu	S	
Steep   Production   Markers   Steep   Production   BBL   MCF   BBL   Corr. API   Gravity   Gas   Production Method   Production   BBL   MCF   BBL   Corr. API   Gravity   Gas   Production Method   Production   BBL   MCF   BBL   Corr. API   Gravity   Gas   Production Method   Production   BBL   MCF   BBL   Corr. API   Gravity   Gas   Production Method   Production   BBL   MCF   BBL   Gas   Ga	Size	Flwg.	Press.		BBL	MCF	BBL	Ratio			
Top   Poduced   Date   Test   Produced   Date									<u> </u>		
Produced Date Tested Production BBL MCF BBL Corr. API Gravity  Children Top Press Cag 24 Ht Coll Gas Water Gas Oil Well Status  Bisposition of Cas (Sold, used for fire), venter, etc.)  Sold  39. Disposition of Cas (Sold, used for fire), venter, etc.)  Sold  30. Summary of Protrus Zones (include Aquifers):  Sold  31. Formation (Log) Markers in the Coll Gas Water Gas Oil Well Status  Top Water Gas Oil Well Status  31. Formation (Log) Markers in the Coll Gas Water Gas Oil Well Status  Top Water Gas Oil Well Status  31. Formation (Log) Markers in the Coll Gas Oil Well Status  Top Water Gas Oil Well Status  31. Formation (Log) Markers in the Coll Gas Oil Well Status  Top Water Gas Oil Well Status  32. Formation (Log) Markers in the Coll Gas Oil Well Status  33. Indicate which flams have been stached by placing a check in the appropriate boxes:							T			T	
Choke This Press Cag 24 Hr BBL MCF BBL Ratio Size Press Rate BBL MCF BBL Ratio 89. Disposition of Gas (Sold, used for fue), vented, etc.) Sold 09. Disposition of Gas (Sold, used for fue), vented, etc.) Sold 05. Summary of Porous Zones (Include Aquifers): Show all important zones of possibly and contents thereof: Cored intervals and all drill-atternates, including periph interval tented, castron used, time tool topen, howing and shut-in pressures and electronic for an interval tented, castron used, time tool topen, howing and shut-in pressures and electronic for an interval tented, castron used, time tool topen, howing and shut-in pressures and electronic for an interval tented, castron used, time tool topen, howing and shut-in pressures and electronic formation Top Bottom Description, Contents, etc.  Name Mess Depth 10.40° Ist Bone Spring 3965' 2nd Bone Spring 3965' 2nd Bone Spring 6394' Wolfcamp 6840' Upper Penn 7832' Strawn 8876' Atoka 9186' Morrow 9624'  32. Additional remarks (Include plugging procedure):  Sundry Notice for plugging and coment verification Core Analysis Sundry Notice for plugging and coment verification Core Analysis  Sundry Notice for plugging and coment verification Core Analysis  Wolfcamp Regulatory Compliance Supervisor Tina Huerta Title Regulatory Compliance Supervisor  Pater October 15, 2004			l .				1		1	Production Method	
Size Five: Press Rate BBL MCF BBL Ratio  89. Disposition of Gas (Solid, used for fuel, vented, etc.)  Solid  30. Summary of Porous Zones (include Aquifers):  Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem easts, including depth interval lested, custrion used, time tool open, flowing and shuf-in-pressures and intervals.  Formation Top Bottom Description, Contents, etc. Name Top  Meas Depth  San Andres 1040  1st Bone Spring 3965'  2nd Bone Spring 39965'  2nd Bone Spring 6840'  Upper Penn 7832'  Strawn 8876'  Atoka 9186'  Morrow 9624'  32. Additional remarks (include plugging procedure):  33. Indicate which items have been attached by placing a check in the appropriate boxes:    Similar   Simi	Produced	Date	Tested	1	BBL	MCF	BBL	Corr. API	Gravity		
Size Five: Press Rate BBL MCF BBL Ratio  89. Disposition of Gas (Solid, used for fuel, vented, etc.)  Solid  30. Summary of Porous Zones (include Aquifers):  Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem easts, including depth interval lested, custrion used, time tool open, flowing and shuf-in-pressures and intervals.  Formation Top Bottom Description, Contents, etc. Name Top  Meas Depth  San Andres 1040  1st Bone Spring 3965'  2nd Bone Spring 39965'  2nd Bone Spring 6840'  Upper Penn 7832'  Strawn 8876'  Atoka 9186'  Morrow 9624'  32. Additional remarks (include plugging procedure):  33. Indicate which items have been attached by placing a check in the appropriate boxes:    Similar   Simi	Choke	Tha Press	Csq	24 Hr.	Oil	Gas	Water	Gas: Oil	Well Statu	1s	
18. Disposition of Gas (Sold, used for fuel, vented, etc.)  Sold  3. Summary of Porous Zones (include Aquifers):  Show all important zones of proreity and contents thereof: Cored intervals and all drill-stem east, including depth interval tested, cushion used, time tool open, thowing and shuf-in pressures and recoveries.  Formation  Top  Bottom  Description, Contents, etc.  Name  Too  Meas Depth  San Andres  1040' 1st Bone Spring 3965' 2nd Bone Spring 3986' 2nd Bone Spring 6394' Wolfcamp 6840' Upper Penn 7832' Strawn 8876' Atoka 9186' Morrow  9624'  32. Additional remarks (include plugging procedure):    Signature   District of plugging and cement verification   Core Analysis   Cother: Deviation Survey    Sundry Notice for plugging and attached information is complete and correct as determined from all available records (see attached instructions)*    Name   Too		1 -		Rate	1			1			•
Stoward important zones of porosity and contents thereof. Cored intervals and all drill-stem sets, including expirit neival tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation  Top  Bottom  Description, Contents, etc.  Name  Top  Meas Depth  Meas Depth  San Andres 1040¹ 1st Bone Spring 3965¹ 2nd Bone Spring 6394¹ Wolfcamp 6840¹ Upper Penn 7832² Strawn 8876³ Atoka 9186¹ Morrow  9624¹  32. Additional remarks (include plugging procedure):  33. Indicate which litems have been attached by placing a check in the appropriate boxes:	29. Disposition	of Gas (Sold, i	used for fuel, v	l			_L	<u> </u>	<u> </u>		
Stoward important zones of porosity and contents thereof. Cored intervals and all drill-stem sets, including expirit neival tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation  Top  Bottom  Description, Contents, etc.  Name  Top  Meas Depth  Meas Depth  San Andres 1040¹ 1st Bone Spring 3965¹ 2nd Bone Spring 6394¹ Wolfcamp 6840¹ Upper Penn 7832² Strawn 8876³ Atoka 9186¹ Morrow  9624¹  32. Additional remarks (include plugging procedure):  33. Indicate which litems have been attached by placing a check in the appropriate boxes:	Sold										
Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem easts, including depth interval tested, cushion used, time tool open, flowing and shuf-in pressures and recoveries.  Formation Top Bottom Description, Contents, etc. Name Top Meas Depth 13 to 10		Porous Zone	s (Include Adu	uifers):					31 Forma	tion (Log) Markers	
Formation Top Bottom Description, Contents, etc. Name Top Mess Depth San Andres 1040* 1st Bone Spring 3965* 2nd Bone Spring 5182* 3rd Bone Spring 6394* Wolfcamp 6840* Upper Penn 7832* Strawn 8876* Atoka 9186* Morrow 9624*  32. Additional remarks (include plugging procedure):    Selectrical/Mechanical Logs (1 full set req'd.)   Geologic Report DST Report Directional Survey   Sundry Notice for plugging and cement verification Core Analysis Other: Deviation Survey   Sundry Notice for plugging and attached information is complete and correct as determined from all available records (see attached instructions)*   Name(please print)	Show all impo	rtant zones of	porosity and	contents thereo					on roma	ion (Log) Markoro	
San Andres 1040' 1st Bone Spring 3966' 2nd Bone Spring 6394' Wolfcamp 6840' Upper Penn 7832' Strawn 8876' Atoka 9186' Morrow 9624'  32. Additional remarks (include plugging procedure):    Strawn   Sarrow	and recoveries.	depth interval	tested, cushic	on used, time tool	open, flowin	g and snut-	n pressur	es 			
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1 st Bone Spring 3965' 2nd Bone Spring 6394' Wolfcamp 6840' Upper Penn 7832' Strawn 8876' Atoka 9186' Morrow 9624'  32. Additional remarks (include plugging procedure):  33. Indicate which items have been attached by placing a check in the appropriate boxes:									1		
2nd Bone Spring 5182' 3rd Bone Spring 6394' Wolfcamp 6840' Upper Penn 7832' Strawn 8876' Atoka 9186' Morrow 9624'  32. Additional remarks (include plugging procedure):  33. Indicate which items have been attached by placing a check in the appropriate boxes:									San And	dres	1040'
2nd Bone Spring 5182' 3rd Bone Spring 6394' Wolfcamp 6840' Upper Penn 7832' Strawn 8876' Atoka 9186' Morrow 9624'  32. Additional remarks (include plugging procedure):  33. Indicate which items have been attached by placing a check in the appropriate boxes:									1st Bon	e Spring	3965'
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Strawn Atoka 9186' Atoka 9186' Morrow 9624'  32. Additional remarks (include plugging procedure):  33. Indicate which items have been attached by placing a check in the appropriate boxes:									1	•	
Atoka Morrow 9186' 9624'  32. Additional remarks (include plugging procedure):  33. Indicate which items have been attached by placing a check in the appropriate boxes:									Upper F	enn	
32. Additional remarks (include plugging procedure):  33. Indicate which items have been attached by placing a check in the appropriate boxes:    X   Electrical/Mechanical Logs (1 full set req'd.)									Strawn		8876'
32. Additional remarks (include plugging procedure):  33. Indicate which items have been attached by placing a check in the appropriate boxes:    X   Electrical/Mechanical Logs (1 full set req'd.)			ŀ			ŀ			Atoka		9186'
32. Additional remarks (include plugging procedure):  33. Indicate which items have been attached by placing a check in the appropriate boxes:    X   Electrical/Mechanical Logs (1 full set req'd.)   Geologic Report   DST Report   Directional Survey     Sundry Notice for plugging and cement verification   Core Analysis   X Other: Deviation Survey  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print)   Tina Huerta   Title   Regulatory Compliance Supervisor			i								
33. Indicate which items have been attached by placing a check in the appropriate boxes:    X   Electrical/Mechanical Logs (1 full set req'd.)   Geologic Report   DST Report   Directional Survey						ŀ			livioliow		3024
33. Indicate which items have been attached by placing a check in the appropriate boxes:    X   Electrical/Mechanical Logs (1 full set req'd.)   Geologic Report   DST Report   Directional Survey											
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Sundry Notice for plugging and cement verification	32. Additional re	emarks (includ	le plugging pro	ocedure):							
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Sundry Notice for plugging and cement verification											
Sundry Notice for plugging and cement verification	33. Indicate wh	ich items have	e been attache	ed by placing a ch	eck in the a	ppropriate b	oxes:				
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print)  Title Regulatory Compliance Supervisor  Date October 15, 2004  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						<del></del> i		DST F	Report	Directional Survey	
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Name(please print)  Title Regulatory Compliance Supervisor  Date October 15, 2004  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		Sundry N	otice for plugg	ging and cement	verification	Core A	Analysis	X Other	Deviation	Survey	
Name(please print)  Title Regulatory Compliance Supervisor  Date October 15, 2004  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	34. I hereby cer	tify that the for	regoing and at	ttached information	on is complet	te and corre	ect as dete	rmined from all a	available red	ords (see attached in	structions)*
Signature  Date October 15, 2004  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											·
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	ivame(piease p	········ )	Tina Huerta						Regulatory Compliance Supervi		
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	Signature			na Lh	unto	$\sim$				Date October 15, 2004	
Fitle 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 talse, lictitious or traudulent statements or representations as to any matter within its jurisdiction.	-		)	1-1-			••-		-		
	Title 18 U.S.C. States any talse	Section 1001 e, fictitious or f	and Title 43 L	J.S.C. Section 12 ements or repres	12, make it a entations as	a crime for a to any matt	any person er within it	knowingly and s	willfully to m	ake to any departmen	t or agency of the United

(Form 3160-4, page2)

OPERATOR:

YATES PETROLEUM

WELL/LEASE: DAZED BDZ FED COM 2

COUNTY:

EDDY, NM

## STATE OF NEW MEXICO **DEVIATION REPORT**

 		DEVIATION NEI	01(1)	 	
166	3/4	7,385	1 3/4		
351	3/4	7,542	1		
600	1 1/4	7,702	1 1/2		
852	1 1/4	7,862	1		
1,073	3/4	8,118	1		
1,587	3/4	8,342	1 3/4		
2,100	3/4	8,469	1 3/4		
2,577	3/4	8,595	1 3/4		
3,057	1/2	8,769	1		
3,346	3/4	8,884	1		
3,847	1/2	9,003	1 1/4		
4,327	1	9,172	3/4		
4,540	1 1/4	9,428	3/4		
4,764	1	9,716	1		
4,974	1 3/4	10,050	1 1/2		
5,181	1 3/4				
5,343	1 3/4				
5,467	1 1/2				
5,595	1 1/2				DE05"
5,733	1 1/2				RECEIVEL
5,919	1 1/2				OCT 1 8 2004
6,169	1 3/4				
6,270	1 1/2			S	SUMARTESIA
6,398	1				
6,617	1				
6,692	3/4				
6,969	2				
7,065	1 3/4				
7,168	2				
7,258	2				
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142-0026

STATE OF TEXAS **COUNTY OF MIDLAND** 

The foregoing instrument was acknowledged before me on this 28th day of July, 2004, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Notary Public for Midland County, Texas

My Commission Expires: 8/23/2007

