

## LINITED STATES

New   Complete   Com	(September 2001	1)		DEPARTI	MENT OF TH OF LAND M	HE INTER							OMB N Expires: J	O. 100	4-0137
2. Name of Operation  3. Address  3. Add		WELL (	COMPL	ETION OR	RECOMP	LETIO	N REP	ORT A	ND LO	G		5. Lease	Serial No.		
2. Name of Operation  3. Address  3. Add	1a. Type of Well	Oil W	ell [	X Gas Well	Dry	Other							NM	-203	46
2. Name of Operator   2. Name of Operator   3. Address	b. Type of Complet		_	Work Over		Plug	Back		Diff. Resvr	.,		6. If India			
3. Address   3. Probe No. (include sarse coding)   3. Prob No. (include sarse	•	ator		<del></del>	· · · · · · · · · · · · · · · · · · ·			/29	3031			7. Unit o	r CA Agreer	nent Na	ame and No.
At Surface 1650°FNL & 660°FEL (Unit H, SENE)  At lop proof. Interval reported below  Same as above  Same as above  Same as above  Same as above  At top proof. Interval reported below  Same as above  At top proof. Interval reported below  Same as above  Same as		neum corp.	Jialion		3a Phone No	(include :	area code	Λ°.		4,5	<del>.  </del>	9 10000	Nome and	Mail N	•
At Surface 1650°FNL & 660°FEL (Unit H, SENE)  At lop proof. Interval reported below  Same as above  Same as above  Same as above  Same as above  At top proof. Interval reported below  Same as above  At top proof. Interval reported below  Same as above  Same as		Str., Artesia	, NM 88	3210			/\&		•	Š					
At burden	4. Location of W	ell ( <i>Report loca</i>	tion clearly	and in accordar	ce with Federa	al requiren	nents)		5 5003				Vell No.		
At total depth Same as above	At Surface	1650'FNL 8	& 660'FE	EL (Unit H, SI	ENE)		232	R	CELVE	SIA	9/	10. Field	and Pool, o	or Explo	oratory
At total depth Same as above				0	-h		12	ncs	$2 \cdot y_{L,i}$		<i>9/</i>	11. Sec.			
14. Date Spudded RH 6/8/03 RT 6/8/03   15. Date T.D. Reached 6/27/03   15. Date T.D. Reached	At top prod. In	terval reported	below	Same as	above		15	, U-		1	7/		•	ים די	S DOSE
14. Date Spudded RH 6/8/03 RT 6/8/03   15. Date T.D. Reached RH 6/8/03 RT 6/8/03 RT 6/8/03   15. Date T.D. Reached RH 6/8/03 RT 6/8/03 RT 6/8/03 RT 6/8/03   15. Date T.D. Reached RH 6/8/03 RT 6/8/03	At total depth	Same as	above					€6181	(Lot C)	WEV.	-				
18. Total Depth: MD			· · · · · · · · · · · · · · · · · · ·			<del>.</del>		02	21913			Ch	aves	N	ew Mexico
18. Total Depth: MD	•		1			16. Date			٠ .		ŀ	17. Elev	ations (DF,F	RKB,R1	,GL)*
TVD NA	RH 6/6/6			6/2/	/03	<u> </u>			]					_ 3	8839'KB
22 Was Well cored   X No	18. Total Depth:			19	. Plug Back T.D			20. De	pth Bridge	Plug Set					
CNL, Azimuthal Laterolog, Borehole Compensated Sonic    Was DST run?		100	INA		-	100	14/1		1 6			IVU	INA		
CNL, Azimuthal Laterolog, Borehole Compensated Sonic    Directional Survey   X   No	21. Type Electric &	Other Mechanica	al Logs Run	(Submit copy of ea	ch)	1				_	•		• •		
Hole Size   Size/Grade   Wt.(#/h.)   Top (MD)   Bottm(MD)   Depth   Type of Cement   (BBL)   Cement Top*   Amount Pulled   16"   Cond.   Surface   80"   Surface   1000"   600 sx   Surface   7-7/8"   4-1/2"   11.6#   Surface   6374"   750 sx   3410"CBL	CNL, Azim	uthal Laterolo	og, Boreh	ole Compensa	ited Sonic	1				_	•				
Hole Size   Size/Grade   Wt.(#/h.)   Top (MD)   Bottm(MD)   Depth   Type of Cement   (BBL)   Cement Top*   Amount Pulled   16"   Cond.   Surface   80"   Surface   1000"   600 sx   Surface   7-7/8"   4-1/2"   11.6#   Surface   6374"   750 sx   3410"CBL	23. Casing and I	iner Record (F	Report all st	trings set in well)		·				• • •					
16"   Cond.   Surface   80"					D	1					-				
12-1/4"   8-5/8"   24#   Surface   1000'   600 sx   Surface   7-7/8"   4-1/2"   11.6#   Surface   6374'   750 sx   3410'CBL	Hole Size					"	Depth	'y	pe of Cem	ent	(BBL	.)	Cement	lop*	Amount Pulled
24. Tubing Record  Size	12-1/4"								600 sx				Surfa	ce	` .
Size	7-7/8"	4-1/2"	11.6#	Surface	6374'				750 sx				3410'0	BL	
Size	04.7.1: 0	<u> </u>	<del> </del>		<u> </u>								<u> </u>		
2-3/8" 4370' 4370' 4370'  25. Producing Intervals  Formation  A) Abo  A460' 4842'  B)  C)  C)  Depth Interval  Date First Produced Date Sy29/03 9/7/03 24  Choke Tbg. Press. Csg. 24 Hr. Oil Gas Size No. Holes Perf. Status  BBL MCF BBL Ratio  Test DBL MCF BBL Ratio  See Attached Sheet  26. Perforation Record  Perforated Interval Size No. Holes Perf. Status  No. Holes Perf. Status  No. Holes Perf. Status  Perforated Interval Size No. Holes Perf. Status  See Attached Sheet  See Attached Sheet  Ci Gas Water Oil Gravity Gas Gravity  NA NA Flowing  Flowing  Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas: Oil Well Status  Size Fiving. Press. Rate BBL MCF BBL Ratio  14/64" 215 psi Packer □ 0 161 0 NA Production  BBL MCF BBL Ratio  Oil Gas Water Gas: Oil Gas Oil Gravity Gas Gravity  NA Production Method Production  Producing  28a. Production-Interval B  Date First Test Hours Test Oil Gas Water Gas: Oil Gravity Gas Gravity  Produced Date Tested Production BBL MCF BBL Ratio  O 161 0 NA Production Method Gravity Gas Production Method Gas: Oil Gravity Gas Production Method Production BBL Ratio  Date First Test Hours Test Oil Gas Water Gas: Oil Gravity Gas Production Method Gravity Production Method Gravity Production Method Gravity Production Method Gravity Production BBL MCF BBL MCF BBL Corr. API Gravity Gravity Production Method Gravity Gravity Production Method Gravity Production Me		T	(MD)	Packer Denth /	MD) Sizo	Don	h Cat (MD)	Dooko	r Donth (M	ID) L e	T	Donth	Set (MD)	Dos	kar Donth (MD)
25. Production   Intervals   Formation   Top   Bottom   Perforated Interval   Size   No. Holes   Perf. Status		<u> </u>			VID) SIZE	Dep	ur Set (WID)	Facke	ii Depui (iv	D) 3	26	Depar	Set (MD)	Fac	ker Deptir (MD)
A) Abo		ntervals						26. Per	foration Re	cord				<u> </u>	
B) C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.  Depth Interval  See Attached Sheet		ormation						Perfora	ited Interva	ıl S	ize	No.	. Holes		Perf. Status
C) D)  27. Acid, Fracture, Treatment, Cement Squeeze, Etc.  Depth Interval  See Attached Sheet	A) Abo			4460'		4842'						acha	d Chaof	<u> </u>	
28. Production - Interval A  Date First Produced Date Tested Production BBL MCF BBL Ratio Size Flwg. Press. Rate BBL MCF BBL Ratio Size Flwg. Production-Interval B  Date First Test Hours Test Oil Gas Water Gas: Oil Gravity Gas Production Method Size Flwg. Press. Rate BBL MCF BBL Ratio Date Size Flwg. Press. Rate BBL MCF BBL Ratio Tested Date Size Flwg. Press. Rate BBL MCF BBL Ratio Date Tested Production BBL MCF BBL Ratio Tested Date Size Flwg. Press. Rate BBL MCF BBL Ratio Date Tested Production-Interval B  Date First Test Hours Test Oil Gas Water Oil Gravity Gas Production Method Producing Date Tested Production BBL MCF BBL Corr. API Gravity Gas Production Method Producing Date Tested Production BBL MCF BBL Corr. API Gravity Gas Production Method Gravity Gas Date Tested Production BBL MCF BBL Corr. API Gravity Gas Production Method Gravity Gas Date Tested Production BBL MCF BBL Corr. API Gravity Gas Gravity Gas Date Tested Production BBL MCF BBL Corr. API Gravity Gas Oil Well Status	C)									Se	e Att	acne	u Sneet		
28. Production - Interval A  Date First Produced Date Tested Production BBL MCF BBL Ratio Size Flwg. Press. Rate BBL MCF BBL Ratio Size Flwg. Production-Interval B  Date First Test Hours Test Oil Gas Water Gas: Oil Gravity Gas Production Method Size Flwg. Press. Rate BBL MCF BBL Ratio Date Size Flwg. Press. Rate BBL MCF BBL Ratio Tested Date Size Flwg. Press. Rate BBL MCF BBL Ratio Date Tested Production BBL MCF BBL Ratio Tested Date Size Flwg. Press. Rate BBL MCF BBL Ratio Date Tested Production-Interval B  Date First Test Hours Test Oil Gas Water Oil Gravity Gas Production Method Producing Date Tested Production BBL MCF BBL Corr. API Gravity Gas Production Method Producing Date Tested Production BBL MCF BBL Corr. API Gravity Gas Production Method Gravity Gas Date Tested Production BBL MCF BBL Corr. API Gravity Gas Production Method Gravity Gas Date Tested Production BBL MCF BBL Corr. API Gravity Gas Gravity Gas Date Tested Production BBL MCF BBL Corr. API Gravity Gas Oil Well Status	D)							l		-	_				
See Attached Sheet  28. Production - Interval A  Date First Test Hours Test Produced Date Tested Production BBL MCF BBL Corr. API Gravity Gas Gravity NA NA Flowing  Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas: Oil Well Status  Producing  Rate BBL MCF BBL Ratio NA Producing  28a. Production-Interval B  Date First Test Hours Test Oil Gas Water Gas: Oil Well Status  Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas: Oil Well Status	27. Acid, Fractur	re, Treatment,	Cement Sq	ueeze, Etc.											
28. Production - Interval A  Date First	De	pth Interval					Aı	nount and	Type of N	laterial					
28. Production - Interval A  Date First						44-		4							
Date First   Test   Date   Date   Production   BBL   MCF   BBL   Corr. API   Gravity   Gas   Production Method   S/29/03   9/7/03   24   □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □						ee Atta	cned Si	ieet							
Date First   Test   Date   Date   Production   BBL   MCF   BBL   Corr. API   Gravity   Gas   Production Method   S/29/03   9/7/03   24   □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □					<del></del>										
Produced B/29/03 9/7/03 24 □ □ 0 161 0 NA NA Flowing  Choke Tbg. Press. Csg. Press. Rate BBL MCF BBL Ratio  14/64" 215 psi Packer □ 0 161 0 NA Production  BBL MCF BBL Ratio  NA Producing  Production-Interval B  Date First Produced Date Tested Production BBL MCF BBL Ratio  Test Hours Test Oil Gas Water Oil Gravity Gas Production Method  Production BBL MCF BBL Ratio  NA Producing  Well Status  Production Method Gravity Gas Production Method  Produced Date Tested Production BBL MCF BBL Corr. API Gravity Gravity Gas Gravity  Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas: Oil Well Status	28. Production -	Interval A													
8/29/03         9/7/03         24         □         0         161         0         NA         NA         Flowing           Choke         Tbg. Press.         Csg.         24 Hr.         Oil         Gas         Water         Gas: Oil         Well Status           Size         Fiwg.         Press.         Rate         BBL         MCF         BBL         Ratio           14/64"         215 psi         Packer         □         0         161         0         NA         Producing           28a. Production-Interval B           Date First         Test         Hours         Test         Oil         Gas         Water         Oil Gravity         Gas         Production Method           Produced         Date         Tested         Production         BBL         MCF         BBL         Corr. API         Gravity         Gravity           Choke         Tbg. Press.         Csg.         24 Hr.         Oil         Gas         Water         Gas: Oil         Well Status				i i	1	1		1			Produ	uction N	Method		
Choke Size Fiwg. Press. Rate BBL MCF BBL Ratio  14/64" 215 psi Packer D 161 0 NA Producing  28a. Production-Interval B  Date First Produced Date Tested Production BBL MCF BBL Corr. API Gravity Gravity Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas: Oil Well Status								•		-			Flo	wina	
Size 14/64" 215 psi Press. Rate Do 161 0 NA Producing  28a. Production-Interval B  Date First Produced Date Tested Production Date Tested Production BBL MCF BBL Oil Gravity Gas Production Method Production BBL MCF BBL Corr. API Gravity Gr								<u> </u>					1 10	wing	
28a. Production-Interval B  Date First Test Hours Tested Production BBL MCF BBL Corr. API Gravity Gravity  Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas: Oil Well Status		-		Rate			4	1	1						
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 Status			Packe	r   🔿	0	16	1 0	<u> </u>	NA			F	roducin	g	
Produced Date Tested Production BBL MCF BBL Corr. API Gravity  Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas: Oil Well Status		<del></del>			· · · · · · · · · · · · · · · · · · ·		1,	1 20 2			1=				
				l Productio	L .						Produ	uction N	Method		
		1 -		- f				1	oii v	Vell Statu	I IS				<del> </del>

206	Production	leden ed	-
2XD	Production	- Interval	. (

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. Sl	Press.	Rate	BBL	MCF	BBL	Ratio		
8c. Production	- Interval D		· · · · · · · · · · · · · · · · · · ·						
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method
Produced	Date	Tested	Production	8BL	MCF	BBL	Corr. API	Gravity	
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas: Oil	Well Statu	ıs
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio		

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

30. Summary of Porous Zones (Include Aquifers):

31. Formation (Log) Markers

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures

Formation	Тор	Name	Тор		
1 Officiation	Top Bottom Description, Contents, et		Description, Contents, etc.	Name	Meas Depth
				Seven Rivers	221'
				Queen	568'
	1	1.		Penrose	668'
				San Andres	1055'
				Glorieta	2145'
				Yeso	2260'
				Tubb	3713'
				Abo	4436'
				Wolfcamp	5142'
	1	] ]		Wolfcamp B Zone	5235'
				Spear	5480'
	}			Cisco	5718'
				Dorothy	5820'
				Strawn	5842'
		, ,		Mississippian	6070'
				Siluro-Devonian	6256'

32. Additional remarks (include plugging procedure):

33.Circle enclosed att	tachments:				
$\smile$	nical Logs (1 full set req'd.) or plugging and cement verification	Geologic Report     Core Analysis	3. DST Report 7. other: Deviate	4. Dire	ectional Survey ey
34. I hereby certify the	at the foregoing and attached informat	ion is complete and correct	as determined from all ava	ailable re	cords (see attached instructions)*
Name(please print)	Tina Huerta			Title	Regulatory Compliance Supervisor
Signature	Line Huer	to		Date	September 24, 2003

## YATES PETROLEUM CORPORATION Charlie ZA Federal #2 Section 22-T8S-R26E

## Form 3160-4 continued:

26. Perforation Record			1
Perforated Interval	Size	No. Holes	Perf. Status
6274'-6280'	.42"	24	Under CIBP
5918'-5948'	.42"	**************************************	Under composite
5952'-5980'	.42"	120 total holes	Under composite
4460'-4470'	.42"		Producing
4486'-4496'	.42"	[	Producing
4536'-4542'	.42"		Producing
4546'-4550'	.42"		Producing
4596'-4602'	.42"		Producing
4606'-4612'	.42"		Producing
4616'-4628'	.42"		Producing
4634'-4638'	.42"		Producing
4740'-4746'	.42"		Producing
4798'-4812'	.42"		Producing
4836'-4842'	.42"	95 total holes	Producing

Depth Interval	Amount and Type of Material					
6274'-6280'	Acidize w/1000g 20% IC HCL					
5918'-5980'	Acidize w/3000g 7-1/2% IC HCL + balls					
	Frac w/85,000g 65Q CO2 foamed 35# x-linked gelled 7% KCL water carrying 5000# 100 mesh + 120,000# 20/40 ottawa sand					
4460'-4842'	Frac w/107,000g 55Q CO2 foamed 35# x-linked gelled 7% KCL water carrying 250,000# 16/30 Brady sand + 2000g 7-1/2% HCL					

OPERATOR:

YATES PETROLEUM CORP.

WELL/LEASE:

CHARLIE ZA FED. 2

COUNTY:

**CHAVES** 

495-5060

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

0.40	0/4	
242	3/4	
714	1	
1,000	1/4	
1,479	3/4	
1,941	1/2	
2,437	3/4	
2,685	1	
2,935	2	,
3,060	1 3/4	
3,308	1 1/4	
3,555	1	
3,806	1/2	
4,050	2	
4,173	2 1/2	
4,296	1	
4,419	1 1/2	
4,543	2	
4,700	1	
4,825	1	
5,013	1	293031-73
5,138	2	A 12329 30 31 - 1232 E
5,390	1 1/2	
5,514	3/4	SIP 2003
5,638	3/4	Set wen col
5,763	1 1/4	RECEIVLESIA 9
5,886	3/4	/6 oco. Akr. 2/
6,010	1/2	
6,133	3/4	RECEIVED RECEIVED OF OCD - ARTESIA SO
6,267	1 1/2	01812191318
6,313	1 3/4	
·		

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 1st day of July, 2003, by

Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Public for Midland County, Texas

My Commission Expires: 4/08/2007

