Form 3160-4						FS						1		FORM	APPR	NVED.
Form 3160-4 UNITED STATES (August 2007) DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT								OMB NO 1004-0137								
								т.		~				Expires	July 3	1, 2010
							REPUR						5 Lease	Serial No		04
ta Type of Well	رين بانم. [X]		Gas Well		Dry L	Other			1 .			ł	. <u> </u>		1-858	
b Type of Complet		New Well	Work Over		Deepen	Plug Back	5		Diff Res	5vr.,			6 If India	an, Allottee	or Tribe	Name
2 Name of Oper	ator						. <u></u> .						7 Unit o	r CA Agreer	ment Na	me and No
Yates Petro 3 Address	leum Corp	oration		20 5	bana No. /	include area	(code)									
105 S. 4th S 4 Location of We				57	5-748-14	471	,									o leral #2⊦
						·	(0)						9 API W	•	15-35	5108
At Surface											and Pool of		^{ratory} Sone Spr			
Attop pred in	topial reporta	dhalaw							- 1 200			ł	11 Sec,	T.R.M.O		
At top prod In	tervar reporte	1 DEIDW					OC	n.	ARTE	രം	A		Survey or Area Section 3-T24S-R29E			
BHL		658'FNI	_ & 4342'F	EL (Un	it D, NW	'NW)	00	87		SI	jia			ty or Parish		
														ddy		ew Mexic
14 Date Spudd	ed /25/08		15 Date T D 6/	Reachec /11/08		6 Date Cor	npleted D & A	Г	X Ready	0/8/0 to Pro	-]	17 Eleva	ations (DF,F		
······		11 0641		· ····				L.						3083'G	L 3'	101'KB
18 Total Depth		11,861' 3400'		19 Plug	Back T D		11,518' NA	20	Depth Bridg	je Plu	g Set			NA NA		
······				- <u> </u>			<u> </u>	 1	X No							
21 Type Electric &	Other Mechani	cal Logs Rui	n (Submit copy	of each)		22 Was We Was DS			X No		Yes Yes	•	bmit ani bmit reg	-		
CNL, Hi-Res	Laterolog	Array, C	BL		{		al Survey?	(No			•	bmit coj	•	(Atta	ched)
23 Casing and L	uner Record (Report all	strinas set in	well)											· · ·	
	· · · · · · · · · · · · · · · · · · ·		-1	<u></u>		State	e Cemente	r	No of Sk	-	SI	urry \	701			
Hole Size	Size/Grade	Wt (#/ft Cond	<u> </u>	<u> </u>	Bottm(MD) 40'		Depth		Type of Ce Redi-n			(BBL	.)	Cement Surfa		Amount F
17-172"	13-3/8"	48#	Surfac		720'				755 s					Surfa		
12-1/4"	9-5/8"	36#	Surfac		3170'				1300 :					Surfa		
8-3/4"	5-1/2"	17#	Surfac		11,558'				2566	SX				Surfa	ce	
24 Tubing Reco	l ird	Ĺ]	l		<u> </u>					
Sıze	Depth Se	t (MD)	Packer Depl	th (MD)	Size	Depth	Set (MD)	Pa	cker Depth	(MD)	Siz	e	Depth	Set (MD)	Pac	ker Depth (
2-7/8"	7366'		7366'	L	·····						Ļ					
25 Producing li F	ormation		Тор	·		Bottom			Perforation forated Inter		d Sız	7 <u>0</u>	No	Holes		Perf Status
A) Bone Sp			8553	3'		11,451'								<u> </u>		
B)										5	SEE /	ATT.	ACHE	D SHE	ET	
C) D)							·		··· -· ···-							
	re, Treatment.	Cement S	queeze, Etc	1				ł			L	l			L	
27 ACIU, Fractul		-					۸mo	unt a	nd Type of I	Materi	al					
	pth Interval						AITO									
	pth Interval				SFF	ΕΑΤΤΑΓ			г							
	pth Interval				SEI	E ATTAC			r							
De					SEI	E ATTAC			Γ							
De 28 Production - Date First		Hours	Test		Oil	Gas	HED SH	EE.	Gravity	Gas		Produ	uction M	lethod		
De 28 Production - Date First Produced	Interval A Test Date	Tested	Productio	on	Oil BBL	Gas MCF	HED SH Water BBL	EE.	Gravity r API	Gas Gravi	ity	Produ	uction M			
De 28 Production - Date First Produced 10/9/08	Interval A			on •	Oil	Gas	HED SH	Cor	Gravity	Gas Gravi	ity A			F-101	wing-	CORD
De 28 Production - Date First Produced 10/9/08 Choke Size	Interval A Test Date 10/17/08 Tbg Press Fiwg	Tested 24 Csg Press	Production 24 Hr Rate	on >	Oil BBL 644 Oil BBL	Gas MCF 1304 Gas MCF	HED SH Water BBL 391 Water BBL	Cor	Gravity r API NA s/Oil	Gas Gravi	ity A		TED	FOR	RE	CORD
De 28 Production - Date First Produced 10/9/08 Choke Size 18/64"	Interval A Test Date 10/17/08 Tbg Press Flwg 1250 psi	Tested 24 Csg	Production 24 Hr Rate	on >	Dil BBL 644 Dil	Gas MCF 1304 Gas	HED SH Water BBL 391 Water	Cor Gas	Gravity r API NA s/Oil	Gas Gravi	ity A Status	EP	TED P	Flow FOR roducin	RE(CORD
De 28 Production - Date First Produced 10/9/08 Choke Size 18/64" 28a Production	Interval A Test Date 10/17/08 Tbg Press Flwg 1250 psi Interval B	Tested 24 Csg Press Packe	Production 24 Hr Rate	on	Oil BBL 644 Oil BBL 644	Gas MCF 1304 Gas MCF 1304	HED SH Water BBL 391 Water BBL 391	Oil Cor Gas Rat	Gravity r API NA s/Oil io NA	Gas Gravi Welf	ity A Status	EP	TED P	Flow FOR roducin	RE(CORD
De 28 Production - Date First Produced 10/9/08 Choke Size	Interval A Test Date 10/17/08 Tbg Press Flwg 1250 psi	Tested 24 Csg Press	Production 24 Hr Rate Production Test Production	on on	Oil BBL 644 Oil BBL	Gas MCF 1304 Gas MCF	HED SH Water BBL 391 Water BBL	OII Cor Gas Rat	Gravity r API NA s/Oil	Gas Gravi	ity A Stafus	EP	P P Jotion M	Flow FOR roducin and 21	RE(9 308	CORD
De 28 Production - Date First Produced 10/9/08 Choke Size 18/64" 28a Production Date First	Interval A Test Date 10/17/08 Tbg Press Flwg 1250 psi Interval B	Tested 24 Csg Press Packe	Production 24 Hr Rate Pr Test	on on	Oil BBL 644 Oil BBL 644 - Oil	Gas MCF 1304 Gas MCF 1304 Gas	HED SH Water BBL 391 Water BBL 391 Water	Oil Cor Gas Rat	Gravity r API NA s/Oil io NA Gravity	Gas Gravi Weif Gas Gas	ity A Status	EP Produ	P P OCT JERE	Flow FOR roducin	RE(g 208	

*(See instructions and spaces for additional data on page 2)

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Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method
	Tested		BBL	MCF	BBL	Corr API	Gravity	
Tbg Press	Csg	24 Hr	Oil	Gas	Water	Gas/Oil	Well Stat	us
Flwg	Press	Rate	BBL	MCF	BBL	Ratio		
on - Interval D	I					· · · · · · · · · · · · · · · · · · ·		
Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method
	Tested	Production	BBL	MCF	BBL	Corr API	Gravity	
Tbg Press	Csg	24 Hr	Oil	Gas	Water	Gas/Oil	Well Stat	lus
Flwg	Press	Rate	BBL	MCF	BBL	Ratio		
	Tbg Press Flwg on - Interval D Test Date Tbg Press	Tested Tbg Press Flwg Press Dn - Interval D Test Date Tosted Tbg Press Csg Press Tosted	Tested Production Tbg Press Csg 24 Hr Flwg Press 24 Hr on - Interval D → Test Date Hours Test Tog Press Csg 24 Hr	Tested Production BBL Tbg Press Csg 24 Hr Oil Flwg Press 24 Hr Oil on - Interval D → Oil Test Date Hours Test Oil Tog Press Csg 24 Hr Oil Test Date Hours Test Oil Tbg Press Csg 24 Hr Oil	Tested Production BBL MCF Tbg Press Csg 24 Hr Oil Gas Flwg Press Rate BBL MCF on - Interval D → Oil Gas Test Date Hours Test Oil Gas Tog Press Csg 24 Hr Oil Gas Test Date Hours Test Oil Gas Tbg Press Csg 24 Hr Oil Gas	Tested Production BBL MCF BBL Tbg Press Csg 24 Hr Oil Gas Water Flwg Press Rate BBL MCF BBL on - Interval D → Oil Gas Water Test Date Hours Test Oil Gas Water Tbg Press Csg 24 Hr Oil Gas Water Don - Interval D	Tested Production BBL MCF BBL Corr API Tbg Press Csg 24 Hr Oil Gas Water Gas/Oil Flwg Press Rate BBL MCF BBL Ratio on - Interval D Image: Csg Test Oil Gas Water Oil Gravity Test Date Hours Test Oil BBL MCF BBL Corr API Tbg Press Csg 24 Hr Oil Gas Water Oil Gravity Tbg Press Csg 24 Hr Oil Gas Water Gas/Oil	Tested Production BBL MCF BBL Corr API Gravity Tbg Press Csg 24 Hr Oil Gas Water Gas/Oil Well State Flwg Press Rate BBL MCF BBL Ratio Well State on - Interval D → Oil Gas Water Oil Gravity Gas Test Date Hours Test Oil BBL MCF BBL Oil Gravity Gas Tbg Press Csg 24 Hr Oil Gas Water Oil Gravity Gas Tbg Press Csg 24 Hr Oil Gas Water Oil Gravity Gas Tbg Press Csg 24 Hr Oil Gas Water Gas/Oil Well State

31 Formation (Log) Markers

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

Sold

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30 Summary of Porous Zones (Include Aquifers)

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 and recoveries

Formation	Ten	Detter	Dependentian Contrasta ata	NI	Тор	
Formation	Тор	Bottom	Description, Contents, etc	Name	Meas Depth	
		— J		Rustler	150'	
				TOS	728'	
				BOS	2912'	
				Bell Canyon	3190'	
				Cherry Canyon	4060'	
				Brushy Canyon	5290'	
				Bone Spring	6919'	
	1				1	

32 Additional remarks (include plugging procedure)

	been attached by placing a check in the appropriate boxes Mechanical Logs (1 full set req'd)	DST Report X	Directional Survey
	plice for plugging and cement verification Core Analysis	X Other Deviation	Survey
34 I hereby certify that the fore	egoing and attached information is complete and correct as determin	ed from all available reco	rds (see attached instructions)*
Name(please print)	Tina Huerta	Title	Regulatory Compliance Supervisor
Signature	Cine Juerta	Date	October 23, 2008
	and Title 43 U S C Section 1212, make it a crime for any person kno audulent statements or representations as to any matter within its jur		ke to any department or agency of the United
(Continued on page 3)		, <u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	(Form 3160-4, page2)

Yates Petroleum Corporation Knoll AOK Federal #2H Section 3-T24S-R29E Eddy County, New Mexico Page3

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Form 3160-4 continued:

26. Perforation Rec	cord	<u> </u>		26. Perforation Record				
Perforated Interval	Size	No. Holes	Perf. Status	Perforated Interval	Size	No. Holes	Perf. Status	
11,448'-11,451'		18	Producing	9928'-9931'			Producing	
11,356'-11,359'		18	Producing	9803'-9806'			Producing	
11,231'-11,234'		18	Producing	9678'-9681'			Producing	
11,106'-11,109'		18	Producing	9553'-9556'	•		Producing	
10,982'-10,985'		18	Producing	9428'-9431'			Producing	
10,857'-10,860'			Producing	9303'-9306'		,	Producing	
10,732'-10,735'	•		Producing	9178'-9181'			Producing	
10,607'-10,610'			Producing	9053'-9056'			Producing	
10,428'-10,432'			Producing	8928'-8931'			Producing	
10,303'-10,306'			Producing	8803'-8806'			Producing	
10,178'-10,181'			Producing	8690'-8693'			Producing	
10,053'-10,056'			Producing	8553'-8556'			Producing	

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

Depth Interval	Amount and Type of Material
11,558'-11,861'	Spotted 400g 15% IC acid, Frac with 132,000g Delta Frac 200 and 200,000# 20/40
(Openhole)	Expedite
10,607'-10,985'	Frac w/132,000g Delta Frac 200 and 200,000# 20/40 Expedite
10,053'-10,432'	Frac w132,000g Delta Frac 200 and 200,000# 20/40 Expedite
9553'-9931'	Frac w/132,000g Delta Frac 200 and 200,000# 20/40 Expedite
9053'-9431'	Frac w/132,000g Delta Frac 200 and 200,000# 20/40 Expedite
8553'-8931'	Frac w/132,000g Delta Frac 200 and 200,000# 20/40 Expedite

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Regulatory Compliance Supervisor October 21, 2008

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