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Form 3160-5 (August 2007)	UNITED STATES DEPARTMENT OF THE INTERIO BUREAU OF LAND MANAGEME		FORM APPROVED OMB No. 1004-0137 Expires July 31, 2010		
Do not us	DRY NOTICES AND REPORTS ON e this form for proposals to drill o well. Use Form 3160-3 (APD) for s	r le chreman	5. Lease Serial No NM-104698 6. If Indian, Allottee or Tribe Name		
	IT IN TRIPLICATE - Other instruction	ons on page 2.	If Unit or CA/Agreement, Name and/or No.		
1 Type of Well	<b>X</b> Gas Well Other	8. Well Name and No			
2. Name of Operator	/	•••••• •••••	Gretchen BHX Federal 1		
Yates Petroleum Cor			9. API Well No.		
3a. Address		e No. (include area code)	30-025-38159		
105 S. 4th St., Artesi 4 Location of Well (Footage, Sec., 7		(575) 748-1471	10 Field and Pool or Exploratory Area X-4 Ranch; Atoka		
			11 County or Parish, State		
660' FSL	& 1930' FWL Sec 29-T9S-R34E	(SESW) Unit N	Lea, NM		
12. CHE	CK APPROPRIATE BOX(ES) TO IND	ICATE NATURE OF NOTICE, I			
TYPE OF SUBMISSIO	N	TYPE OF ACTIO	NC		
			· · · · · · · · · · · · · · · · · · ·		
		<b>-</b> ] []	tion (Start/Resume) Water Shut-Off		
<b>X</b> Notice of Intent	Alter Casing	Fracture Treat  Reclam	ation Well Integrity		
Subsequent Report	Casing Repair	New Construction Recomp	pleteOther		
	Change Plans	Plug and Abandon Tempor	rarily Abandon		
Final Abandonment N	otice Convert to Injection	Plug Back Water I	Disposal		
<ul> <li>the proposal is to deepen direction Attach the Bond under which the following completion of the invol testing has been completed Fina determined that the site is ready for</li> <li>Yates Petroleum plans in</li> <li>Set CIBP @ 9280' w</li> <li>Spot 100' cement plue WOC and tag.</li> <li>Cut 5-1/2" casing @</li> <li>Spot 100' cement plue WOC and tag.</li> <li>Spot 100' cement plue</li> <li>Spot 60' cement plue</li> <li>Install markers and complete</li> </ul>	o plug and abandon this well as f /35' cement. Set CIBP @ 8950' v ig from 6000'-5900'. Spot 100' ce 3500'. ig from 3550'-3450'. Spot 100' ce @ surface.	tions and measured and true vertical depths of n file with BLM/BIA. Required subseque completion or recompletion in a new inter- requirements, including reclamation, have be follows: v/35' cement. ement plug across intermedi ement plug from 2000'-1900'	of all pertinent markers and zones nt reports shall be filed within 30 days. val, a Form 3160-4 shall be filed once		
		nd no earth pits			
Name (Printed/Typed)					
Allı	on Barton	Title Regulatory Compliance Technician			
	signature Nine Hung ta Barton Date 8/27/08				
THIS SPACE FOR FEDERAL OR STATE OFFICE USE					
Approved by	1 such				
Conditions of approval, if any, are at	ached Approval of this notice does not warrant or	Certify	Date		
	able title to those rights in the subject lease whick				

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 page 2)

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SKETCH NOT TO SCALE

DATE: 8/19/08 Gretn1F

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Well Name:	Gretchen BHX	Federal #1 Fie	eld:		
Location:	660' FSL & 1930' FWL Sec. 29-9S-34E Lea Co, NM				
GL: <u>4274'</u>	_ Zero:	AGL:	KB:	4294'	
Spud Date:	12/14/07	Comple	tion Date:		
Comments:					

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Casing Program				
Size/Wt/Grade/Conn	Depth Set			
11 3/4" 42# H40	420'			
8 5/8" 24 & 32# J55	4052'			
5 1/2" 17# J55, L80, P110	12463'			

60' cement plug at surface. 11 3/4" csg @ 420'. Cmtd w/ 400 sx. Cmt circ. 100' cement plug 470'-370'. WOC and tag 100' cement plug 2000'-1900' Cut 5 1/2" csg @ 3500'. 100' cement plug 3550-3450' TOC 3852' by calc { 8 5/8" csg @ 4052'. Cmtd w/ 1470 sx. Cmt circ. 100' cement plug 4102'-4002'. WOC and tag. 100' cement plug 6000' - 5900' CIBP@8950'+35'cmt 2 Basal Abo perfs 8999-9008' CIBP@9280'+35'cmt Wolfcamp perfs 9307-11' CIBP@11200'+35'cm Strawn perfs 11250-57' CIBP@11440'+35'cmt Upper Atoka perfs 11488-99' CIBP@11780'+35'cm Middle Atoka perfs 11816-19' & 11823-35' CIBP@11940'+35'cm Lower Atoka perfs 11975'-11980' CIBP@12200+35'cmt Morrow perfs 12220-42' & 12262-96' 5 1/2" csg @ 12463'. Cmtd w/ 2637 sx. TD 12463' PBTD 12409'

## PROPOSED CONFIGURATION

SKETCH NOT TO SCALE

DATE: 8/19/08 Gretn1E