Form 3160-5 (August 2007)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED OMB No. 1004-0137

5. Lease Serial No. NM-116044

6. If Indian, Allottee or Tribe Name

CARL SRAD FIFLD OFFICE

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals. Expires July 31, 2010

		NA	
SUBMIT IN TRIPLICATE - Other instructions on page 2.			it or CA/Agreement, Name and/or No.
1. Type of Well    X Oil Well			
			Name and No.
2. Name of Operator			ogulf BJT Federal #2H
Yates Petroleum Corporation			Well No.
3a. Address 3b. Phone No. (include area code)			15-37367
105 S. 4th Str., Artesia, NM 88210	575-748-147		
4. Location of Well (Footage, Sec., T., R., M., OR Survey Description)			er Lake; Delaware, East
Surface - 1980'FSL & 330'FEL of Section 14-T24S-R31E (Unit I, NESE)			unty or Parish, State
BHL - 1905'FSL & 4873'FEL of Section 14-T24S-R31E (Unit L, NWSW)			County, New Mexico
12. CHECK APPROPRIATE BOX	K(ES) TO INDICATE NATURE	OF NOTICE, REPORT	C, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION		
Acidi	ze Deepen	X Production (Start/Res	rume) Water Shut-Off
Notice of Intent Alter	Casing Fracture Treat	Reclamation	Well Integrity
1	g Repair New Construction	Recomplete	X Other Completion
Subsequent Report Chan	ge Plans Plug and Abandon	Temporarily Abandon	Operations
Final Abandonment Notice Conv	ert to Injection Plug Back	Water Disposal	
13. Describe Proposed of Completed Operation: Clearly state all per	tinent details, including estimated starting date of	any proposed work and approximate	e duration thereof. if
the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones.  Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days			
following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3			· •
testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and determined that the site is ready for final inspection.			e operator has
,			NMOCD ART
9/14/10 Tagged at 5680'. Drilled DV tool at 5680'. Tested DV tool to 1000 psi, held good. Tagged			Fagged at 7746. Drilled
DV tool at 7752'. Tested DV to	ol to 1000 psi, held good.		
9/15/10 Worked scraper across DV tools at 5713' and 8785'.			
9/16/10 Tagged at 12,660'. Drilled rubber plug at 12,660'. Circulated hole clean. Pressure tested casing from surface			
to 12,745' to 2800 psi, held good. Pumped 500g Xylene. Pickled casing and tubing with 1200g 15% HCL			
acid. Spotted 2500g IC HCL DI acid from 9686'-12,745'.			
9/19/10 Ran a CBL/GR/CC log from 8300'-3800' with 1500 psi on casing.			
9/20/10 Perforated Delaware 12,740' (12), 12,607' (12), 12,509' (12) and 12,381' (12).			
10/6/10 Spearhead 2500g 7-1/2% HCL acid ahead of frac. Frac with a 30# borate XL, 4646 bbls fluid, 190,085# 20/40 Ottawa, 78,468# 20/40 RCS.			
Ollawa, 78,468# 20/40 RCS.		CON	TINUED ON NEXT PAGE:
		CON	TINGED ON NEXT FAGE.
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)			
Tina Huerta	Title Reg	gulatory Compliance-S	Supervisor
		IVULED	TEU EUS BELUBUT
Signature Some fuerte	Date Oct	ober 27, 2010	ILD LOV VECOVA
<b>↓</b> тн	IS SPACE FOR FEDERAL OR STAT	E OFFICE USE	

Title

Office

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 on agency of the United States

(Instructions on page 2)

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

Yates Petroleum Corporation Petrogulf BJT Federal #2H Section 14-T24S-R31E Eddy County, New Mexico

## Form 3160-5 continued:

- 10/7/10 Spotted 2500g 7-1/2% HCL acid at 12,253'. Set a flow through plug at 12,317'. Perforated Delaware 12,253' (12), 12,125' (12), 11,997' (12) and 11,869' (12). Spearhead 2500g 7-1/2% HCL acid ahead of frac. Frac with a 30# borate XL, 4026 bbls fluid, 192,770# 20/40 Ottawa, 78,370# 20/40 RCS. Spotted 2500g 7-1/2% HCL acid at 11,741'. Set a flow through plug at 11,862'. Perforated Delaware 11,741' (12), 11,613' (12), 11,485' (12) and 11,357' (12). Spearhead 2500g 7-1/2% HCL acid ahead of frac. Frac with a 30# borate XL, 4221 bbls fluid, 183,313# 20/40 Ottawa, 76,750# 20/40 RCS. Spotted 2500g 7-1/2% HCL acid at 11,229'. Set a flow through plug at 11,293'. Perforated Delaware 11,229' (12), 11,101' (12), 10,973' (12) and 10,845' (12). Spearhead 2500g 7-1/2% HCL acid ahead of frac. Frac with a 30# borate XL, 4150 bbls fluid, 191,069# 20/40 Ottawa, 80,115# 20/40 RCS. Spotted 2500g 7-1/2% HCL acid at 10,717'. Set a flow through plug at 10,781'. Perforated Delaware 10,717' (12), 10,589' (12), 10,461' (12) and 10,333' (12).
- 10/7/10 Spearhead 2500g 7-1/2% HCL acid ahead of frac. Frac with a 30# borate XL, 4235 bbls fluid, 191,068# 20/40 Ottawa, 75,976# 20/40 RCS. Spotted 2500g 7-1/2% HCL acid at 10,205'. Set a flow through plug at 10,269'. Perforated Delaware 10,205' (12), 10,077' (12), 9949' (12) and 9821' (12). Spearhead 2500g 7-1/2% HCL acid ahead of frac. Frac with a 30# borate XL, 4308 bbls fluid, 192,901# 20/40 Ottawa, 78,351# 20/40 RCS. Spotted 2500g 7-1/2% HCL acid at 9693'. Attempted to set flow through plug at 9757'. Plug would not test. POOH with guns and plug. Plug and guns hung up at 5450' while pulling out of hole and pulled loose at weak point connection above gamma ray tool.
- Tagged at 5413'. Guns and plug stuck. Shear off of flow through plug at 5450'. TOOH with tubing, guns and setting tool. Bottom set of guns had fired when trying to set flow through plug at 9757'. NOTE: Perforations shot in wrong interval are 9745'-9746' (12). Tagged shear plug at 5450'. Drilled plug at 5450' and pushed plug down to 10,100'.
- 10/10/10 Spotted 2500g 7-1/2% HCL acid at 9693'. Set flow through plug at 9720'. Perforated Delaware 9693' (12), 9565' (12), 9437' (12) and 9309' (12). Spearhead 2500g 7-1/2% HCL acid ahead of frac. Frac with a 30# borate XL, 4730 bbls fluid, 203,661# 20/40 Ottawa, 60,355# 20/40 RCS. Spotted 2500g 7-1/2% HCL acid at 9181'. Set flow through plug at 9245'. Perforated Delaware 9181' (12), 9053' (12), 8925' (12) and 8797' (12). Spearhead 2500g 7-1/2% HCL acid ahead of frac. Frac with a 30# borate XL, 4035 bbls fluid, 212,321# 20/40 Ottawa, 86,910# 20/40 RCS.
- 10/12/10 Tagged at 9245'. Drilled plug at 9245'. Drilled and circulated down from 9245'-9720'. Drilled plug at 9720'. Drilled and circulated down from 9720'-9950'. Circulated hole clean.
- Tagged at 9980'. Drilled and circulated down from 9980'-10,269'. Tagged plug and drilled plug at 10,269'. Drilled and circulated down from 10,269'-10,781' and tagged. Drilled plug at 10,781'. Drilled and circulated down from 10,781'-10,976'. Lost circulated at 10,976'. Attempted to establish circulation with N2 air unit. TIH with bit to a depth of 10,976'. No circulation. Pulled up hole to a depth of 9670'. No circulation. Pulled up hole to 7500'. Circulation in 20 min. TIH to 9127, circulate hole in 30 min. TIH to 9964', circulate hole. TIH to 10,800 and pumped for 30 min. Well circulating good, then lost circulation. Could not get circulation at 10,798'. Pulled tubing up to 9964', would not circulate. Pulled tubing up to 8700', broke circulation. Låd down tubing to 7700'. Bled down tubing. 2-7/8" 6.4# L-80 tubing at 7761'. Flow through plugs at 11,293', 11,862' and 12,317'.
- 10/18/10 Date of 1st production Delaware

Regulatory Compliance Supervisor October 27, 2010