

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**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.*

5. Lease Serial No.  
NMNM 02952B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
891000558X

8. Well Name and No.  
James Ranch Unit 190H

9. API Well No.  
30-015-42145

10. Field and Pool, or Exploratory Area  
Los Medanos

11. County or Parish, State  
Eddy County, NM

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
BOPCO, L. P.

3a. Address  
P. O. Box 2760 Midland, TX 79702

3b. Phone No. (include area code)  
432-683-2277

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
NENE, Section 36, T22S-R30E, 360' FNL & 370' FEL Lat:32.211428, Long:103.493476

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate 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 shall 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 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

BOPCO, L.P. respectfully requests to amend the completion program for the James Ranch Unit #190H. This will be accomplished by replacing the 4-1/2", 11.6 ppg, HCP-110, BTC open hole completion system with a 4-1/2", 13.5 ppg, P-110, BTC cemented production liner. The cemented liner will be hung 50' inside the 7" casing string at 11,085', to TD, 18,300'. The production liner will be cemented with a 14.5 ppg, 1.23 cuft/sack cement slurry and hung using a Baker Oil Tools ZXP mechanical liner top packer. Please find the cement slurry lab report attached.

8005x

Accepted for record

NMOCD-105

4/28-2014

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) Christopher Volk Title Drilling Engineer

Signature *Christopher Volk* Date 4/23/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

APPROVED

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date APR 23 2014

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. Office \_\_\_\_\_ /s/ Chris Walls

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.

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

# HALLIBURTON

Lab Results- Primary

Permian Basin, Hobbs

## Job Information

Request/Slurry	2127141	Rig Name	LATSHAW DRILLING #4	Date	22/APR/2014
Submitted By	Stephanie Ruiz	Job Type	Production Liner	Bulk Plant	Hobbs, NM
Customer	BOPCO, LP	Location	Eddy	Well	JRU#190H

## Well Information

Casing/Liner Size	4.5 in	Depth MD	18300 ft	BHST	162°F
Hole Size	6.125 in	Depth TVD	10930 ft	BHCT	162°F

## Cement Information - Primary Design

Conc	UOM	Cement/Additive	Cement Properties		
100	% BWOC	Hobbs - VersaCem - H	Slurry Density	14.5	lbm/gal
0.5	% BWOC	LAP-1 (Powdered Latex)	Slurry Yield	1.23	ft <sup>3</sup> /sack
0.3	% BWOC	CFR-3 (PB)	Water Requirement	5.49	gal/sack
0.5	lb/sk	D-Air 5000			
0.125	lb/sk	Pol-E-Flake			
0.1	% BWOC	FWCA			
0.25	% BWOC	HR-601			

## Pilo Test Results Request ID 2127141

### Thickening Time ON-OFF-ON

Temp (°F)	Pressure (psi)	Reached in (min)	70 Bc (hh:mm)
160	6000	40	5:26

### API Rheology - 2124814

Temp (°F)	300	200	100	6	3
70	155	112	63	14	11

### API Rheology - 2124814

Temp (°F)	300	200	100	6	3
141	81	62	40	13	11

### API Fluid Loss - 2124814

Test Temp (°F)	Test Pressure (psi)	Test Time (min)	ISO FL (cc/30 min)
141	1000	30	162

### Free Fluid API 10B-2 / ISO 10426-2

Con. Temp (F)	Static time (min)	% Fluid
141	120	0

### UCA Comp. Strength - 2077742/3

End Temp (°F)	Pressure (psi)	500 psi (hh:mm)	24 hr CS (psi)
165	3000	20:09	952

These are draft results and have not been approved for final use.

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### Conditions of Approval

1. The minimum required fill of cement behind the **4-1/2** inch production liner is:

- Cement should tie-back to the top of the liner. Operator shall provide method of verification.