

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

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.

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

1 Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2 Name of Operator  
*Shackelford O. I. Co.*

3a. Address *Midland Texas 79705* 3b. Phone No. (include area code)  
*3510 NINA ST. Bldg B Ste 100* *432-682-9784*

4 Location of Well (Footage Sec T R M or Survey Description)  
*Sec. 15 T. 20S R. 30E*  
*1480' FSL - 1480' FEL*

5 Lease Serial No.

*LC - 029,71*

6 If Indian Allotment or Tribe Name

**RECEIVED**

7 If Unit or CA/Agreement Name and Unit No.

*DEC 7 2009*

8 Well Name and No.

*Keyes - A #3*

9 API Well No.

*3001504676*

10 Field and Pool, or Exploratory Area

*Yates East Barber*

11 County or Parish, State

*Eddy New Mex*

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 type="checkbox"/> Change Plans	<input checked="" 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 recompleat 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 recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

*Set cast Iron plug @ 1530*  
*1st plug 505x set from 1530' to 850'*  
*2nd plug 255x set from 530' to 213' - TAG*  
*3rd - perforate @ 60' & air cement to surface*

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

14 I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

*Art Macquie*

Title *Operation Manager*

Signature

*[Signature]*

Date *11-23-09*

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

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.

Title

Office

**APPROVED**

*/s/ Roger Hall*  
**DEC 1 2009**

**Petroleum Engineer**

**BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE**

Title 18 USC Section 1001 and Title 43 USC Section 1212, make it a crime for any person knowingly and willfully to make any statement or representation as to any matter within its jurisdiction.

(Instructions on page 2)

Well Name - Keyos #3

Elev 3229

Date Completed 1-14-41

OK @

Hole is 7"

5 1/2" casing  
350 packer

T/Salt 426'  
B/Salt 1230'

First plug

50 SX plug cement  
CLASS C - 1530' + 850'

Current

Subpump 5 HP

15 ft ± tubing East Iron Plug 1530' →

7.056 OD coupling

8.097

6 3/4" Hole size

X X X X X  
/ - / - / - / - / -  
+ + + + +  
PSTD - 1622  
DETH - 17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100

perf. @ 60'  
circ. int. to surface Third plug

10' casing 242' ft

8 1/4" casing 501' ft - 200 S/cement

25 SX plug from second plug  
530' to 213' - TAG

1310-30 (G) show

1330-57 (G) show

1557 show of oil

1616-23-25 (G) show

TOC 979

Depth 1530' - 44'

Perf @ 1550-1564 Top  
Cement plug 1577

7' casing 1590 ft - 50 S/cement

Log Depth 1624'

TD 1639

Keyes A #3  
API # 3001504676  
Shackelford Oil Company  
12/01/2009

### **CONDITIONS OF APPROVAL**

This is an older well, completed in 1941 so the condition of the production casing is suspect; therefore cutting off/ pulling above the top of cement might not be wise. A cement bond log needs to be run to determine the top of cement. Also this well is in the R-111-P potash area and requires a solid plug 50 ft above the top of salt to 50 ft below the base (376-1280 ft) and plugs across the producing intervals Yates (1488-1614 ft) and G sand (1260-1614 ft) and 8-5/8 inch shoe plug (450-550 ft) and a surface plug (0-60 ft). Due to these circumstances; it would be best to plug the well from 0-1577 ft.

1. Notify BLM at 575-361-2822 a minimum of 24 hours prior to starting work.
2. Run a CBL to determine the TOC on the 7 inch casing.
3. Tag the plug at 1577 ft for verification.
4. Perforate approximately 10-20 ft above the TOC.
5. Establish an injection rate prior to cementing. If an injection rate cannot be established, come up-hole approximately 50 ft, perforate and try again. If an injection rate cannot be established contact the BLM for discussion.
6. Cement annulus to surface. If cement does not circulate, contact the appropriate BLM office prior to filling the production casing with cement. Additional cement may be required as the perforations depth may be lower than anticipated.
7. A subsequent report detailing the work performed is required.

RGH 120109