

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED  
OMB NO. 1004-0135  
Expires. July 31, 2010**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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM033775
2. Name of Operator SANDRIDGE EXPL & PROD LLC		6. If Indian, Allottee or Tribe Name
Contact: TERRY B CALLAHAN E-Mail: tcallahan@linenergy.com		7. If Unit or CA/Agreement, Name and/or No. 8910124100
3a. Address 123 ROBERT S KERR AVENUE OKLAHOMA CITY, OK 73102	3b. Phone No. (include area code) Ph: 281-840-4272	8. Well Name and No. N BENSON QUEEN 21
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 27 T18S R30E SESW 660FSL 1980FWL		9. API Well No. 30-015-04551-00-S1
		10. Field and Pool, or Exploratory QUEEN
		11. County or Parish, and State EDDY COUNTY, NM

**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 recompleate 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.)

Verbal approval from Jerry Blakely on 2/22/2012 to P&amp;A the NBQU #21

Proposed P&amp;A Procedures:

RIH w/1-1/4" tbgr to plug at 2690'

Pump cement to fill 2-7/8" ID to 775'. The first part of cement should be class "H" due to restricted pump time with small ID tbgr and tbgr annulus. The rest will be class "C".

WOC &amp; tag plug at 775'.

Cut 2-7/8" tbgr off @ 750'. POH w/ tbgr.

Approval Subject to General Requirements  
& Special Stipulations AttachedSEE ATTACHED FOR  
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct		<b>RECEIVED</b>  FEB 28 2012  NMOCD ARTESIA
Electronic Submission #131352 verified by the BLM Well Information System For SANDRIDGE EXPL & PROD LLC, sent to the Carlsbad Committed to AFMSS for processing by KURT SIMMONS on 02/23/2012 (12KMS1072SE)		
Name (Printed/Typed) TERRY B CALLAHAN	Title REGULATORY SPECIALIST III	
Signature (Electronic Submission)	Date 02/22/2012	
<b>THIS SPACE FOR FEDERAL OR STATE OFFICE USE</b>		

Approved By TED MORGAN	Title PETROLEUM ENGINEER	Date 02/23/2012
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 Carlsbad		

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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***Accepted for record  
NMOCD

2/29/2012

**Additional data for EC transaction #131352 that would not fit on the form**

**32. Additional remarks, continued**

RIH w/ 7-5/8" pkr & tbg to +-400', set pkr and squeeze shoe.

WOC & tag, cement must be up in 7-5/8" csg above shoe.

RIH w/ tbg to top of plug, finish pumping cement to surface.

Lin Energy

North Benson Oil Unit 21

30015 04551

185-30E Sec. 27 SE SW

660 FSL & 1980 FWL

850 SX cont circ

Cont Salt / Pull  
From Cut

T/Salt 580

B/Salt 1460

7/8 CS9 571

Yates 1640

collapse 850

Queen 2760

3/4" hole

GB 3188

Cont / Pull 2 7/8" 850 +/-

① 1" 2690 - 850

1460 - 1360 100' plug WOC Tag

680 SX cont  
TDC ?

BP @ 2690

2700 - 2580 120' plug WOC Tag

Perf. 2762 - 3292

7/8 CS9 3450

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Pump cement to fill 2-7/8" ID to 775'. The first part of cement should be class "H" due to restricted pump time with small ID tbg and tbg annulus. The rest will be class "C".

WOC & tag plug at 775'.

Cut 2-7/8" tbg off @ 750'. POH w/ tbg.

RIH w/ 7-5/8" pkr & tbg to +-400', set pkr and squeeze shoe.

WOC & tag, cement must be up in 7-5/8" csg above shoe.

RIH w/ tbg to top of plug, finish pumping cement to surface.

APPROVED: 2/23/2012 TMM

The following summarizes the preliminary discussions for planning the abandonment.

17 Feb 2012 Operator Superintendent came to BLM-CFO on Friday 17 Feb to obtain approval to abandon this well. The well is a Secretary's Potash well. Operator was advised of the requirement to isolate the Top Yates and to isolate the Salt. Per his description and well diagram, the wellhead is in poor condition, and the casing has collapsed at approximately 800'. Production casing is 2-7/8" set at 3450' in the Yates Formation. Top of Yates is at 1640' per BLM diagram in file. A retrievable plug is in the well at 2690' but cannot be removed due to the collapsed casing above it. TA status was previously approved on 10/1/2009 with further action required 10/14/2012. Operator says the well is in too poor of condition to maintain any longer and his intention is to place cement in the entire accessible well bore and across the shoe after removing uncemented casing.

Discussed abandonment requirements with Operator. Operator stated he intends to use a 1" workstring to abandon the well as follows, with work to commence on 21 February 2012:

1. Ensure BLM is notified of the work prior to entering the wellbore and allowing sufficient time to witness the tags of the plugs.
2. RIH with 1" workstring through collapsed 2-7/8" casing at 850'
3. Tag retrievable plug at 2690'.
4. Place a CI H or CI C cement plug on the bridge plug at 2690'. Top of the plug will be at approximately 825'.

This plug will isolate be above the perforations and also across the the Top of the Yates Formation.

5. WOC and tag the plug.
6. Cut the casing above annular TOC at 775'. POH with the free 2-7/8" casing.
7. Rih with 1" workstring and place cement on the previous plug, across the 2-7/8" stub and up to approximately 500'. Close the BOP or utilize a packer, and apply pressure to the cement to ensure the 7-5/8" shoe is fully cemented, and cement extends above the shoe in the wellbore.
8. WOC and then tag TOC to verify. If necessary place another cement plug across this same interval and veiify the stub and shoe are properly cemented for permanent abandonment.
8. Place the surface plug across the remaining uncemented well interval from new PBTD at approximately 500' up to the surface. WOC and observe the wellhead and the ground surrounding the well. Verify no gas or fluid migration exists in or around the wellbore.
10. Cut off the wellhead at the surface. Install a plate and 4' marker after verifying with BLM what the necessary surface requirement is for abandonment in that area.

11. Submit a NOI sundry to BLM-CFO for abandonment along with a Subsequent Sundry to describe the actual abandonment procedure used.

The above is a tentative procedure summarized from the discussion at BLM with DW. TMM

2/17/ 2012 ORAL APPROVAL CONFIRMED WITH OPERATOR, with the following conditions:

The well will have a full column of cement in the accessible wellbore when abandoned.

Cement will be placed above the existing perforations, across the Top Yates, across the salt, and across the remaining casing stub and into the annular opened at the shoe as a result of removing the free casing. No annular interval will be left un-cemented. Cement will then be placed to surface. TMM