

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

JUN -9 2009

FORM APPROVED  
OMB No. 1004-0137  
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.**

5. Lease Serial No.  
LC-029388-C

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE** - Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
LEGACY RESERVES OPERATING LP

3a. Address  
P.O. BOX 10848  
MIDLAND, TX 79702

3b. Phone No. (include area code)  
(432) 689-5200

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

8. Well Name and No.  
TAMANO (BSSC) UNIT #301

9. API Well No.  
30-015-26421

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1950' FSL & 410' FEL, SEC 10, T-18-S, R-31-E

10. Field and Pool or Exploratory Area  
TAMANO (BONE SPRING)

11. Country or Parish, State  
EDDY, NEW MEXICO

12. CHECK THE 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.)

----- PLEASE SEE ATTACHED -----

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

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

D. PATRICK DARDEN, P.E.

Title SENIOR ENGINEER

Signature

*D. Patrick Darden*

Date 05/29/2009

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

Approved by

Title

Date

JUN 5 2009

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

JAMES A. AMOS

SUPERVISOR

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)

## Tamano Unit #301 – P&A Procedure

Est'd start date: 7/01/09

1. MIRU plugging company. NU 2000# min. BOP.
2. Plug 1: RIH w/sinker bar on slick line. Confirm TOC on CIBP @  $\pm 7,950'$ . Dump bail cmt on top of CIBP as needed (need to have 50' on top of CIBP).
3. Circ hole w/ 9.0 PPG mud laden fluid.
4. Plug 2: Set 60' plug across Queen fr/3240'-3300'.
5. Cut & pull 5-1/2" csg @  $\pm 2600'$  (TOC @ 2636' TS). Note if can't pull csg contact BLM/OCD for directives.
6. Plug 3: Spot 160' plug across 5-1/2" csg stub (cut @  $\pm 2600'$ ) fr/2540'-2700'. WOC. Tag plug.
7. Plug 4: Spot 390' plug across 8-5/8" csg shoe & Yates/base of salt fr/2120'-2510'.
8. Plug 5: Spot 130' plug across 13-3/8" csg shoe & top of salt fr/690'-820'. WOC. Tag plug.
9. Plug 6: Spot 60' plug fr/surf (0')-60'.
10. Cut off well head. Weld on dry hole marker. Clean location.

-Use Class "C" Cement

-Notify appropriate agency 48 hrs. prior to commencing operation.

(BLM-Carlsbad (575- 234-5972) or NMOCD-Hobbs (505-393-6161))

D. Patrick Darden, PE #75593



A handwritten signature in black ink, appearing to read "D. Patrick Darden", written over the bottom portion of the professional seal.



## Tamano Unit #301

### *Current Wellbore Condition*

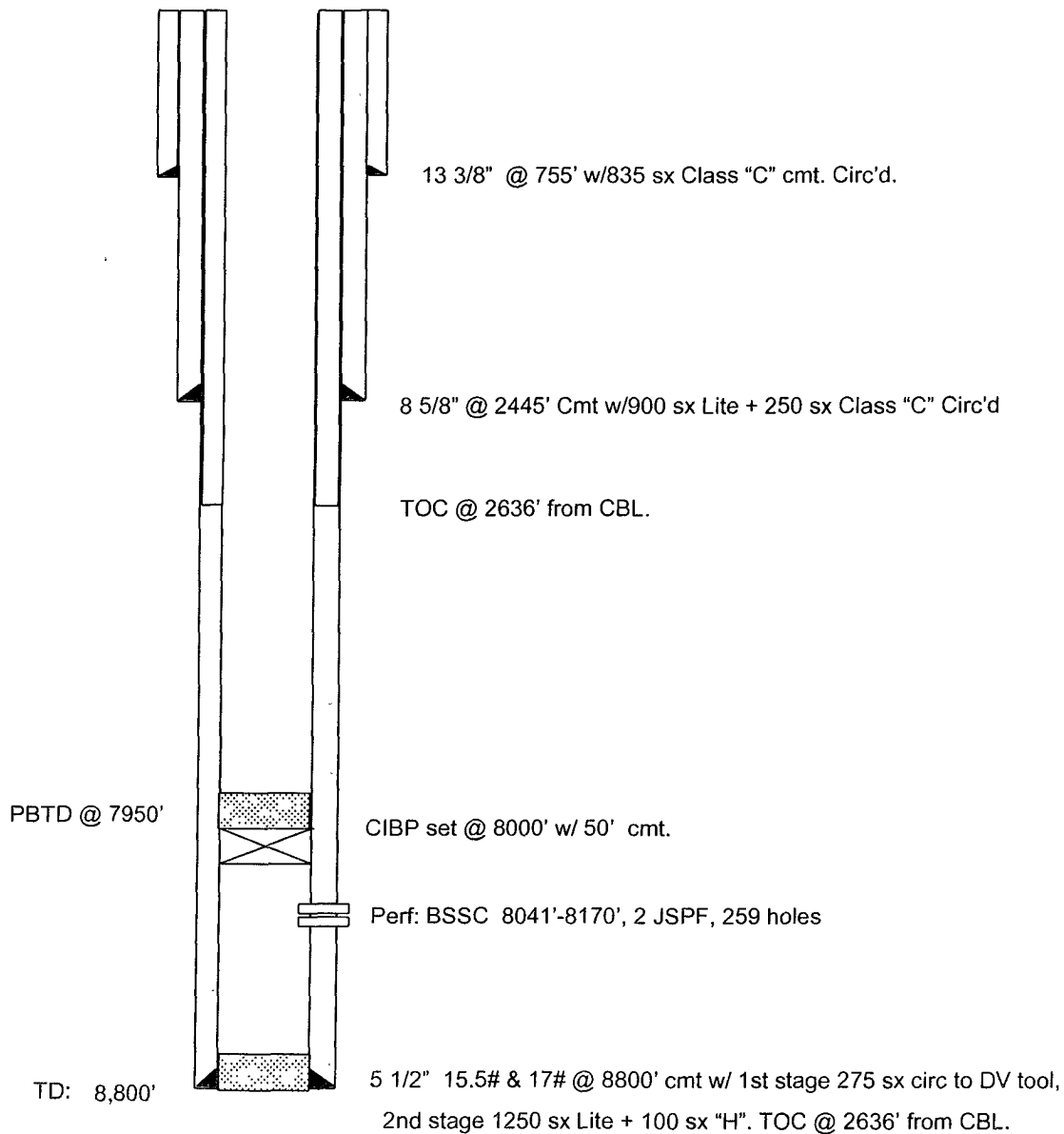
1950' FSL & 410' FEL SECTION 10 T18S R31E

API No: 30-015-26421

Field: Tamano  
County: Eddy  
State: New Mexico

GL: 3730'  
KB: 3748'  
Spud date: 7-17-90

Date: 5/28/09  
By: DP Darden





## Tamano Unit #301

### *Proposed P&A'd Wellbore Configuration*

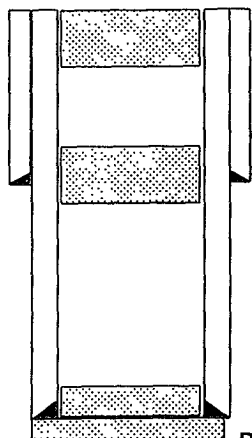
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API No: 30-015-26421

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County: Eddy  
State: New Mexico

GL: 3730'  
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Date: 5/28/09  
By: DP Darden



**Plug 6:** 60' surf plug 0'-60'.

13 3/8" @ 755' w/835 sx Class "C" cmt. Circ'd.

**Plug 5:** 130' across 13-3/8" csg shoe & top of salt 690'-820'.

8 5/8" @ 2445' Cmt w/900 sx Lite + 250 sx Class "C" Circ'd

**Plug 4:** 390' across 8-5/8" csg shoe, Yates/base of salt 2120'-2510'.

**Plug 3:** 160' across 5-1/2" csg stub (cut @ +/-2600') 2540'-2700'.

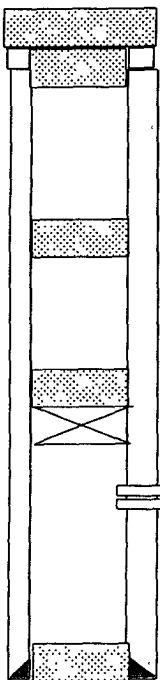
TOC @ 2636'

**Plug 2:** 60' across Queen 3240'-3300'.

**Plug 1:** CIBP w/50' cmt on top @ 7950'.

Perf: BSSC 8041'-8170', 2 JSPF, 259 holes

TD: 8,800'



5 1/2" 15.5# & 17# @ 8800' cmt w/ 1st stage 275 sx circ to DV tool,  
2nd stage 1250 sx Lite + 100 sx "H". TOC @ 2636' from CBL.

**BUREAU OF LAND MANAGEMENT  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972**

**Permanent Abandonment of Federal Wells  
Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from the approval date of this Notice of Intent to Abandon.

**If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.**

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed prior to commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in a cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. **Dry Hole Marker:** All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. **Subsequent Plugging Reporting:** Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. **Trash:** All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.