

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**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.*

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**COPY**

<b>SUBMIT IN TRIPLICATE - Other instructions on page 2</b>		5. Lease Serial No. NMLC062052
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other: INJECTION		6. If Indian, Allottee or Tribe Name
2. Name of Operator LEGACY RESERVES OPERATING LP Contact: JOHN SAENZ E-Mail: jsaenz@legacylp.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 303 W WALL ST STE 1800 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-689-5200	8. Well Name and No. TAMANO (BSSC) UNIT 704
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 11 T18S R31E SWNE 2310FNL 2310FEL		9. API Well No. 30-015-25893
		10. Field and Pool or Exploratory Area TAMANO
		11. County or Parish, State EDDY CO COUNTY, NM

**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"/> Hydraulic Fracturing	<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 checked="" type="checkbox"/> Other
	<input 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 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.

Plan to convert to producer.

Drill out CIBP and acidize. Return well to production.

Procedure, current and proposed well bore diagrams attached.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

JUL 30 2018

RECEIVED

CC 7-30-18  
Accepted for record - NMOCD

14. I hereby certify that the foregoing is true and correct. Electronic Submission #428780 verified by the BLM Well Information System For LEGACY RESERVES OPERATING LP, sent to the Carlsbad	
Name (Printed/Typed) JOHN SAENZ	Title OPERATIONS ENGINEER
Signature (Electronic Submission)	Date 07/25/2018

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

Approved By _____	Title _____	Date _____
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 _____

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)

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

**Tamano Unit # 704 (BSSC), API: 30-015-25893**

**Well Summary & Objective:**

The subject well is temporarily abandoned. The well was an injector, which is being converted to a producer. The 53 ft. of perforations are in the Bone Spring Second Carbonate. They will be acidized with about 150 gallons of acid per foot.

1. Rig Up Pulling Unit.
2. Pick up work string 2 7/8" and 4 3/4" drill bit.
3. Drill out cement and CIBP at 7,957'.
4. Go to 8,180' to verify that there is no fill in the wellbore across the perforations.
5. Set packer at 8,000'.
6. Pressure test backside 500 #.
7. Pickle tubing with 500 gal acid.
8. Flush with 50 bbl water.
9. Acid treat perms in 3 stages: Use 8,000 gal 15 % NEFE HCl acid. Use 1000# rock salt. Rate is 6-10 bpm. Target rate is 8 bpm. Max pressure is 4,000 psi.
  - a. 1<sup>st</sup> stage, pump 2,000 gal acid.
  - b. 400 # rock salt in brine water.
  - c. 2<sup>nd</sup> stage, use 3,000 gal acid.
  - d. 500 # rock salt in brine water.
  - e. 3<sup>rd</sup> stage, use 3,000 gal acid.
  - f. Switch to fresh water. Flush with 50 bbl fresh water at 8 bpm.
  - g. Obtain ISIP after 5, 10, 15 min.
  - h. Shut down for 2 hours.
10. Flush with 200 bbl fresh water.
11. Swab back 500 bbl.
12. Release packer, TOH.
13. TIH with bit. Clean out to 8,180'.
14. Lay down work string. RIH with production string.
15. Install AL equipment per field foreman directions.
16. Rig down and RTP.



**TAMANO (BSSC) UNIT #704**

LOCATION: 2310' FNL & 2310' FEL, Sec 11, T18S, R31E

Wellbore

FIELD: Tamano (Bone Spring)

GL: 3743'

LATEST UPDATE: 8/28/2015

COUNTY: Eddy

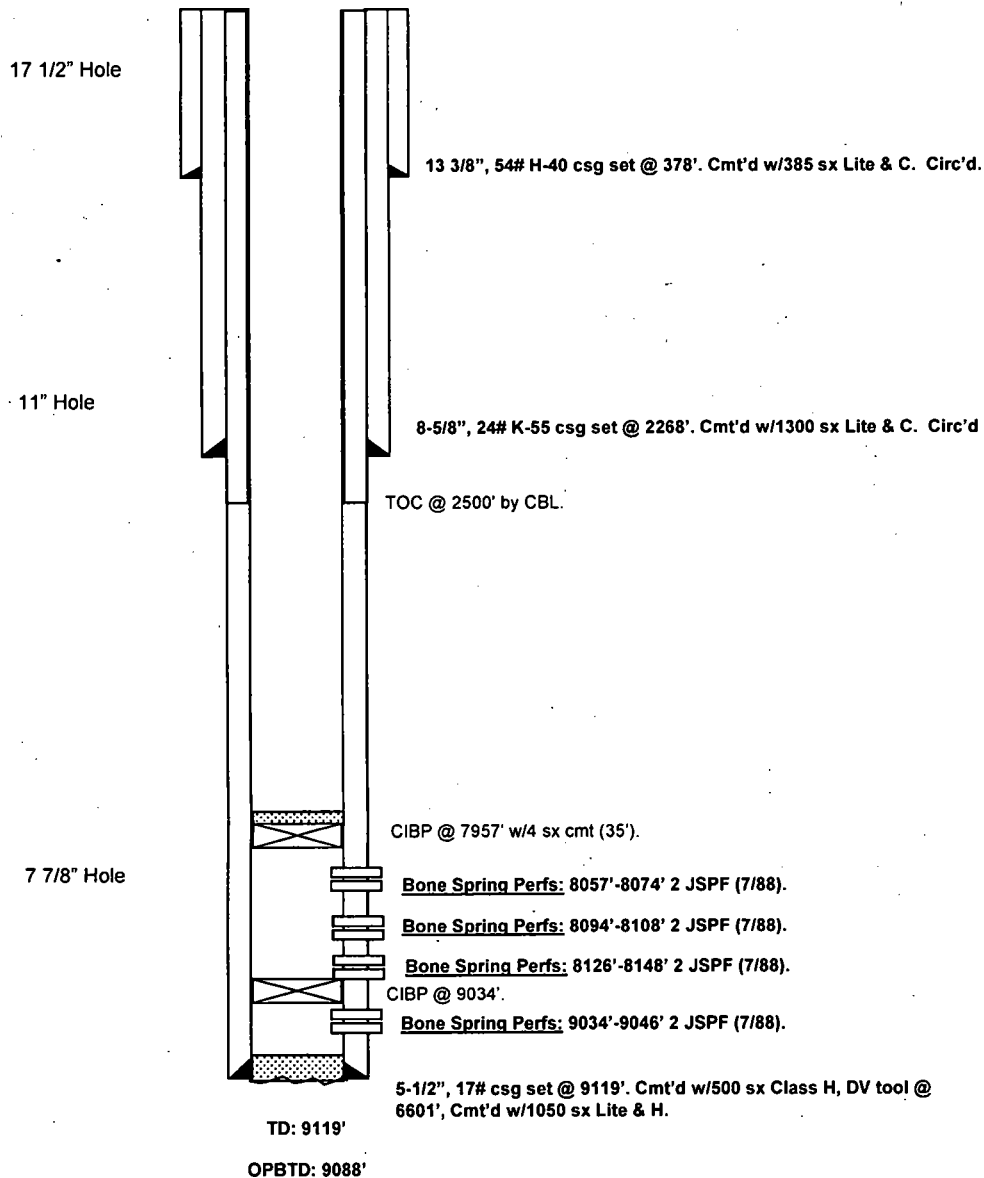
KB: 3758'

BY: CSPARKMAN

STATE: New Mexico

SPUD DATE: 5/28/1988

API No: 30-015-25893





**TAMANO (BSSC) UNIT #704**

LOCATION: 2310' FNL & 2310' FEL, Sec 11, T18S, R31E

Proposed Wellbore

FIELD: Tamano (Bone Spring)

COUNTY: Eddy

STATE: New Mexico

GL: 3743'

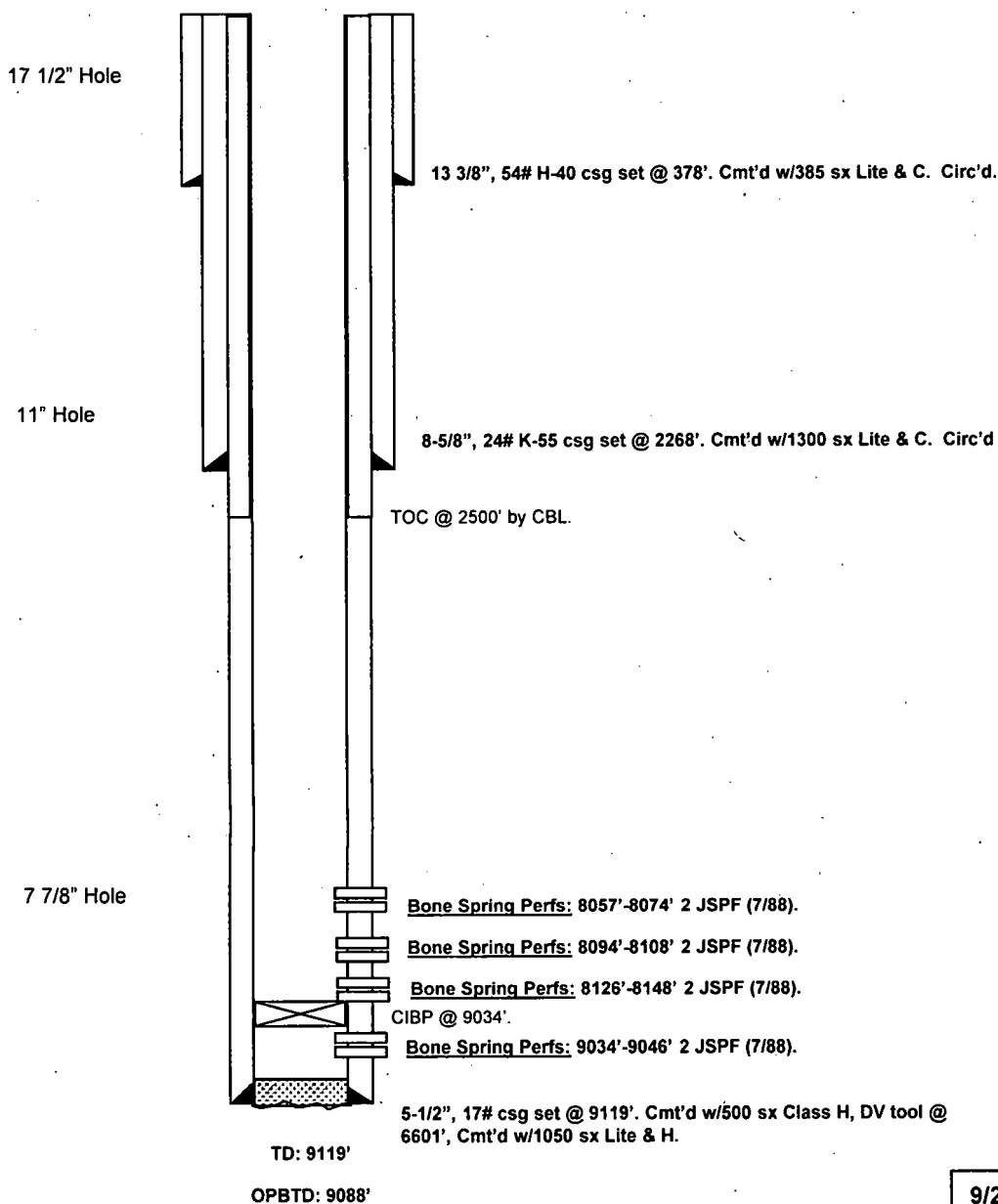
KB: 3758'

SPUD DATE: 5/28/1988

LATEST UPDATE: 10/2/2015

BY: CSPARKMAN

API No: 30-015-25893



9/2018

Acidize with 8,000 gal  
15% HCl