

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD
Hobbs

FORM APPROVED
OMB No 1004-0135
Expires: January 31, 2004

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 **Manzano, LLC**

3a. Address
P.O. Box 2107, Roswell, NM 88202-2107

3b. Phone No. (include area code)
575-623-1996

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**1980' FSL & 660' FEL
 SEC 33-T6S-R33E**

5. Lease Serial No.
NM-111966

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
Brennan Fed. Com #1

9. API Well No.
30-041-20911

10. Field and Pool, or Exploratory Area
Chaveroo N. Lower Penn

11. County or Parish, State
Roosevelt, 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"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<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
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input type="checkbox"/> Other _____

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.)

1. Move in plugging equipment and POOH with production equipment.
2. Make gauge ring run and set 5 1/2" CIBP at 8796'. Circulate MLF and test casing to 500#
3. Spot 25 sx Class H cement on top of CIBP.
4. POOH to 7460' and spot 25 sx Class H cement across DV tool.
5. POOH to 3645' and spot 25 sx cement across 8 5/8" casing shoe. WOC and tag @ 3545' or higher. Intermediate shoe and base of salt plug.
6. Perforate at 1900' and squeeze with 40 sx cement. WOC and tag above 1800'. Top of salt plug.
7. Perforate at 450' and circulate cement to surface inside and outside of 5 1/2" casing.
8. Install below ground marker and cut off anchors.

Plugs added!

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

RECEIVED Bureau of Land Management
 JAN 28 2019 10:39 AM

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

John R. Stearns, Jr

Title Agent

Signature

Date

12/10/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

APPROVED

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

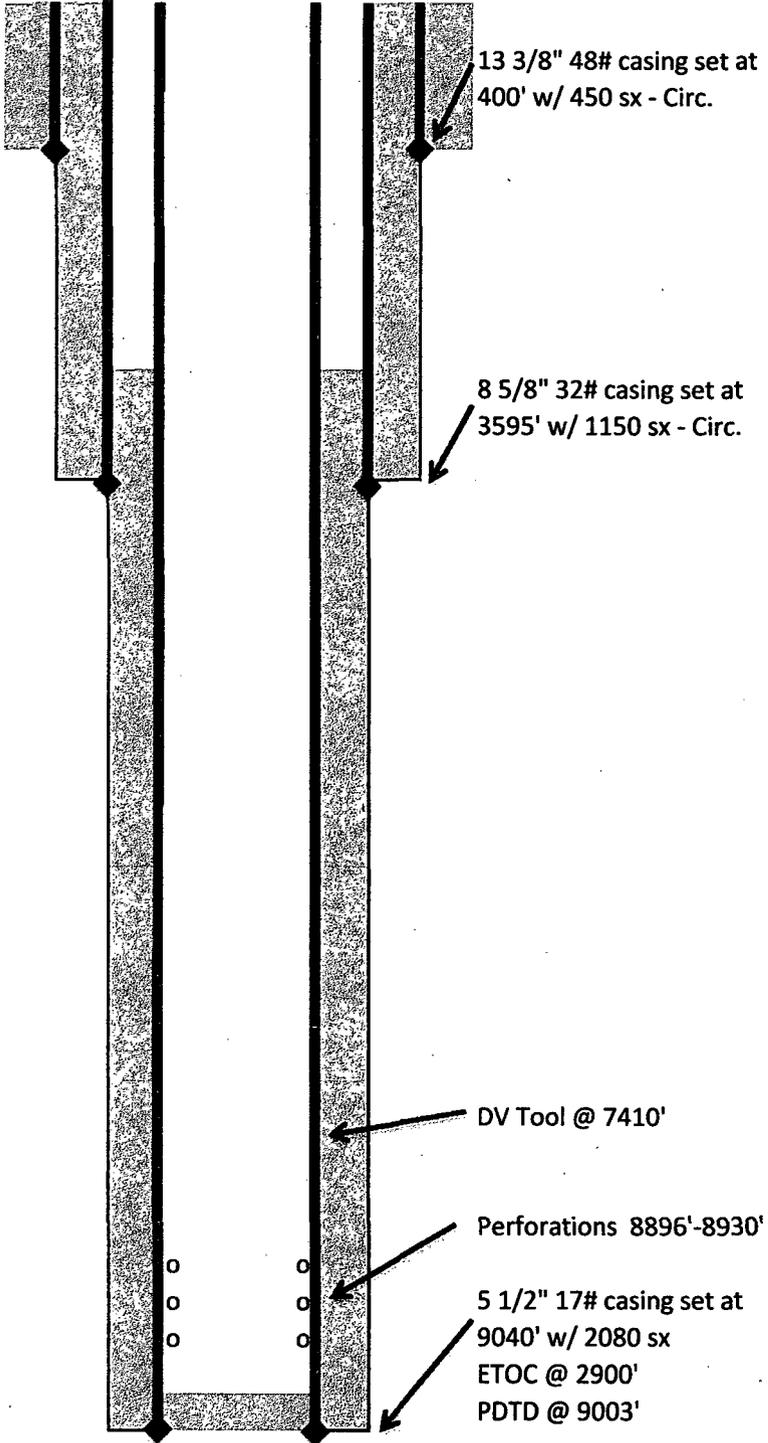
JAN 30 2019

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)

K7 NMOCD 2-14-19

Manzano, LLC
Brennan Fed. Com #1
API 30-041-20911
WBD Before P&A



Manzano, LLC
Brennan Fed. Com #1
API 30-041-20911
WBD After P&A

Perforate @ 450' and circulate cmt to surface

13 3/8" 48# casing set at 400' w/ 450 sx - Circ.

Perforate @ 1900' and squeeze with 40 sx cement. WOC and tag above 1800' Top of Salt

8 5/8" 32# casing set at 3595' w/ 1150 sx - Circ.

Spot 25 sx cmt across 8 5/8" casing shoe from 3645'. WOC and tag above 3545' Int Shoe and Base of Salt plug

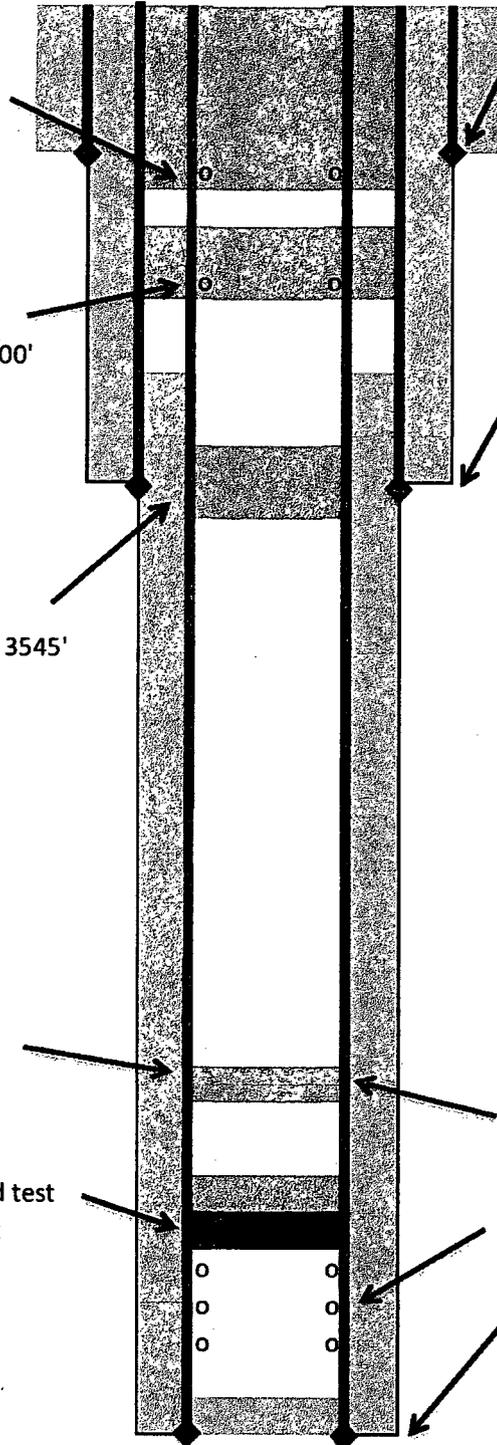
Spot 25 sx Class H cmt across DV tool from 7460'

DV Tool @ 7410'

Set 5 1/2" CIBP @ 8796'. Circ MLF and test casing to 500#. Spot 25 sx Class H cmt on top of CIBP

Perforations 8896'-8930'

5 1/2" 17# casing set at 9040' w/ 2080 sx
ETOC @ 2900'
PDTD @ 9003'



**Brennan Fed Com 1
Manzano, LLC
January 30, 2019
Conditions of Approval**

1. Operator shall place CIBP at 8,796' (50'-100' above top most perf) and place 25 sx of Class H cement on top as proposed. WOC and TAG.
2. Operator shall place a balanced Class H cement plug from 7,790'-7,610' to seal the top of the Wolfcamp Formation.
3. Operator shall place 25sx Class H cement at 7,460' as proposed to seal the DV tool. WOC and TAG. Tag must be a minimum of 7,360'.

Note: Operator may combine plugs 2 and 3.

4. Operator shall place a balanced Class C cement plug from 6,940'-6,770' to seal the top of the Abo Formation.
5. Operator shall place a balanced Class C cement plug from 5,500'-5,345' for the purpose of a spacer plug as no more than 3,000' is allowed between plugs.
6. Operator shall place 25sx Class C cement at 3,645' as proposed to seal the 8-5/8" shoe. WOC and TAG. Tag must be a minimum of 3,545'.
7. Operator shall perf and squeeze at 2,215'. Operator shall place a balanced Class C cement plug from 2,215'-2095' to seal the Yates formation. WOC and TAG.
8. Operator shall perf and squeeze at 1,950'. Operator shall place 40sx Class C cement as proposed to seal the Salt formation. WOC and TAG a minimum of 1800'.

Note: Operator may combine plugs 7 and 8.

9. Operator shall perf and squeeze at 450. Operator shall place a balanced Class C cement plug from 450'- surface to isolate the 13-3/8" shoe.
10. See Attached for general plugging stipulations.

JAM 013019

BUREAU OF LAND MANAGEMENT
Roswell Field Office
2909 W. Second Street
Roswell, New Mexico 88201
575-627-0272

General Requirements for Plug Backs

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 this approval.

If you are unable to plug back the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged back. 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 plug back operations. Call 575-627-0205.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. 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 brine 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. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. **Before pumping cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**

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. **Subsequent Plug back Reporting:** Within 30 days after plug back work is completed, file one original and three copies of the Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back 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 work was completed.**

7. **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.