

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS **Carlsbad Field Office**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals. **OCB Artesia**

5. Lease Serial No. NMLC-065928A

6. County, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

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

1. Type of Well

Oil Well Gas Well Other

8. Well Name and No.

Littlefield 33 Federal Com #1H

2. Name of Operator

OGX Operating, LLC

9. API Well No.

30-015-43818

3a. Address

P. O. Box 2064
Midland, Texas 79702

3b. Phone No. (include area code)

(432) 685-1287

10. Field and Pool or Exploratory Area

Wildcat-Wolfcamp

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

330' FSL & 2130' FEL Sec. 33, T26S, R29E

11. Country or Parish, State

Eddy Co., 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 checked="" 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	Change cement volumes
	<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 recomple 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 recomple 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.)

Surface casing was 13 3/8", 54.5#, J-55, STC at 779' with DV tool at 300'.

BLM changed setting depth to 400'. Request 13 3/8", 54.5#, J-55, STC at 400'. Eliminate DV tool at 300'. Cement from 400' to surface in one stage using 450 sxs CI C cement (Premium Plus) with 2% calcium chloride & 0.25 lb/sx cellophane flakes. Slurry Wt 14.8 ppg, Yield 1.32 cu ft/sx. Cement volume is 100% excess over gauge 17 1/2" hole size. Cement must circulate to surface.

2nd Intermediate casing:

Request change of threads on 7" casing from LT&C to Buttress (BT&C). 7" casing will be set at 60 deg, so we want stronger casing couplings. Casing description will be 7", 29#, HCP-110, BTC set at 10,025' MD, 9937' TVD.

NM OIL CONSERVATION
ARTESIA DISTRICT
JAN 30 2017

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

Steve Douglas

Engineer

Title

Signature

Steve Douglas

Date

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Mustafa Hague

Title

Engineer

Office

CFO

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.

APPROVED
JAN 11 2017
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD 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)

RECEIVED
MAY 14 1961

RECEIVED
MAY 14 AM 9:10
POST OFFICE
LAND

**PECOS DISTRICT
CONDITIONS OF APPROVAL**

OPERATOR'S NAME:	OGX Operating, LLC.
LEASE NO.:	NMLC065928A
WELL NAME & NO.:	1H – Littlefield 33 Fed Com
SURFACE HOLE FOOTAGE:	330'/S & 2130'/E
BOTTOM HOLE FOOTAGE:	330'/N & 2130'/E SEC. 28
LOCATION:	Section 33, T 26 S., R 29 E., NMPM
COUNTY:	Eddy County, New Mexico

All previous COAs still apply except for the following:

A. CASING

Changes to the approved APD casing program need prior approval if the items substituted are of lesser grade or different casing size or are Non-API. The Operator can exchange the components of the proposal with that of superior strength (i.e. changing from J-55 to N-80, or from 36# to 40#). Changes to the approved cement program need prior approval if the altered cement plan has less volume or strength or if the changes are substantial (i.e. Multistage tool, ECP, etc.). The initial wellhead installed on the well will remain on the well with spools used as needed.

Centralizers required on surface casing per Onshore Order 2.III.B.1.f.

Wait on cement (WOC) for Water Basin:

After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi at the shoe, 2) until cement has been in place at least 8 hours. WOC time will be recorded in the driller's log. See individual casing strings for details regarding lead cement slurry requirements.

Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing each casing string. Have well specific cement details onsite prior to pumping the cement for each casing string.

No pea gravel permitted for remedial or fall back remedial without prior authorization from the BLM engineer.

Abnormal pressures may be encountered upon penetrating the 3rd Bone Spring Sandstone and all subsequent formations.

Medium Cave/Karst

Possibility of water flows in the Salado and Castile.

Possibility of lost circulation in the Rustler and Delaware.

1. The 13-3/8 inch surface casing shall be set at approximately 400 feet (**in a competent bed below the Magenta Dolomite, which is a Member of the Rustler, and if salt is encountered, set casing at least 25 feet above the salt**) and cemented to the surface.
 - a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.
 - b. **Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry.**
 - c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.
 - d. If cement falls back, remedial cementing will be done prior to drilling out that string.

MHH 01112017