

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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

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-065928-A ✓

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

OGX Operating, LLC ✓

3a. Address P. O. Box 2064, Midland, Texas 79702

3b. Phone No. (include area code)
(432) 685-1287

7. If Unit of CA/Agreement, Name and/or No.
NMNM127486 ✓

8. Well Name and No. Littlefield BO Federal #6

9. API Well No. 30-015-35174

10. Field and Pool or Exploratory Area
Brushy Draw Delaware

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

Sec. 34, T26S, R29E 423' FSL & 2150' FWL ✓

11. Country or Parish, State
Eddy County, New Mexico

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 Flow Test
	<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 recompletion 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.)

Testing well with jet pump, getting 1000 BPD with only 1% oil cut.

10/10/16

RU pulling unit. Release packer at 4839' & POOH w/2 1/16" tubing & packer. GIH w/notched collar & 2 1/16" tubing. Found no sand across any perfs. POOH with notched collar. GIH w/3 1/2" packer & 2 1/16" tubing. Set packer at 6151', above Stage 1 perfs 6370'-6390'. Swab test perfs & kicked well off flowing formation water with show of oil and gas. RDPU 10/14/16. Will flow test Stage 1 perfs up 2 1/16" tubing.

NM OIL CONSERVATION
ARTESIA DISTRICT
NOV 14 2016
RECEIVED

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

Steve Douglas

Title Engineer

Signature

Steve Douglas

Date

10/14/2016

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Office

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.

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 any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

ACCEPTED FOR RECORD

Date

NOV 2 2016

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

(Instructions on page 2)

2858 GL
10 KB

Operator: OGX Operating LLC
 Surface Lease: LC0865928a
 Case No: NM127486
 Subsurface Concerns for Casing Designs:
 Well Status: Oil
 Spud date: 11/10/2006
 Plug'd Date:
 Reentry Date:

BHL: LC0865928a
 Com Agrmnt
 HiCvKst

KB: 2868
 GL: 2858
 Corr: 10

Well: LITTLEFIELD BO FEDERAL-6
 API: 3001535174
 @ Srface: T26S-R29E,34.423s2150w
 @ M TD: T26S-R29E,34.423s2150w
 Estate: F/F
 WDW, Rt of Way: 0
 Admn Order, date:
 Formation, Depths, psig:

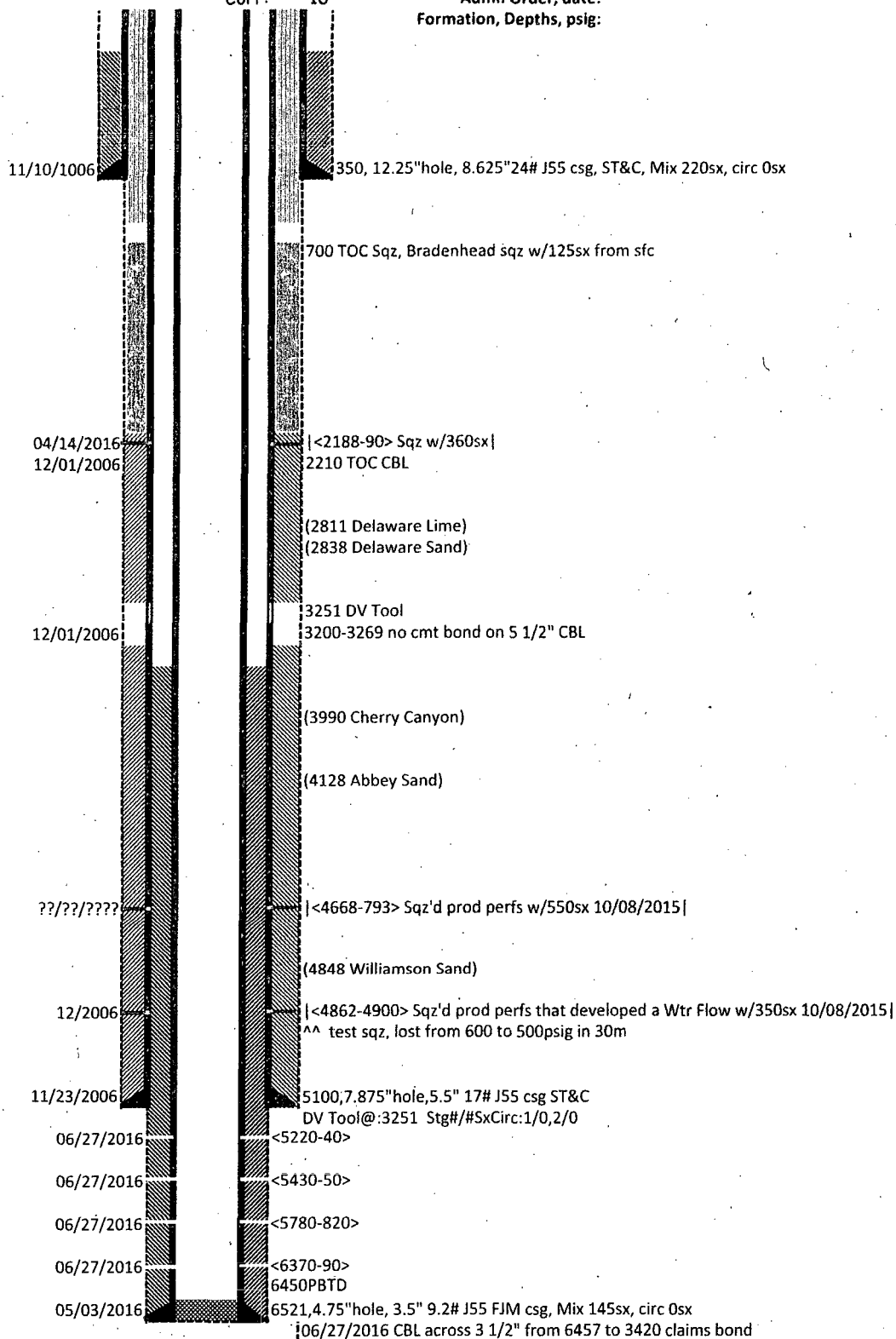


Diagram last updated: 11/02/2016

High Cave Karst: two casing strings, both to circulate cement to surface.

8 5/8 surface csg in a 12 1/4 inch hole.				Design Factors			SURFACE		
Segment	#/ft	Grade	Coupling	Joint	Collapse	Burst	Length	Weight	
"A"	24.00	J 55	ST&C	29.05	8.76	1.11	350	8,400	
"B"							0	0	
w/8.4#/g mud, 30min Sfc Csg Test psig: 1,500				Tail Cmt	does	circ to sfc.	Totals:	350 8,400	
Comparison of Proposed to Minimum Required Cement Volumes									
Hole Size	Annular Volume	Proposed Sx Cmt	CuFt Cmt Proposed	Min Cu Ft	Excess % Cmt	Drilling Mud Wt	Calc MASP	Req'd BOPE	Min Dist Hole-Cplg
12 1/4	0.4127	220	293	160	83	8.60	1527	2M	1.31

5 1/2 casing inside the 8 5/8 casing.				Design Factors			INTERMEDIATE		
Segment	#/ft	Grade	Coupling	Joint	Collapse	Burst	Length	Weight	
"A"	17.00	J 55	ST&C	2.64	1.85	1.60	5,100	86,700	
w/8.4#/g mud, 30min Sfc Csg Test psig: 1,499						Totals:	5,100	86,700	
The cement volume(s) proposed may achieve a top				0	feet from surface.				
Hole Size	Annular Volume	Proposed Sx Cmt	CuFt Cmt Proposed	Min Cu Ft	Excess DVT Cmt	Drilling Mud Wt	Calc MASP	Req'd BOPE	Min Dist Hole-Cplg
7 7/8	0.1733	830	1258	896	Check	10.00	1885	2M	0.91

Tail cmt proposed for the csg below could overlap the previous csg shoe.

3 1/2 casing inside the 5 1/2					Design Factors		PRODUCTION		
Segment	#/ft	Grade	Coupling	Joint	Collapse	Burst	Length	Weight	
"A"	9.20	J 55	FJM	1.75	2.23	2.10	6,521	59,993	
w/8.4#/g mud, 30min Sfc Csg Test psig: 1,500						Totals:	6,521	59,993	
The cement volume(s) proposed may achieve a top					0	feet from surface.			
Hole Size	Annular Volume	Proposed Sx Cmt	CuFt Cmt Proposed	Min Cu Ft	Excess % Cmt	Drilling Mud Wt	Calc MASP	Req'd BOPE	Min Dist Hole-Cplg
4 3/4	0.0562	145	221	407	-46	9.80			0.63
The Joint Safety Design Factor calculates just barely under the accepted target of 1.8.									