

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD
ARTESIAN DISTRICT
DEC 02 2016
RECEIVED

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.

SUBMIT IN TRIPLICATE Other instructions on page 2		5. Lease Serial No NMLC-065928A
1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator OGX Operating, LLC		7. If Unit of CA/Agreement, Name and/or No
3a. Address PO Box 2064 Midland, Texas 79702		8. Well Name and No Littlefield 33 Federa Com. #1H
3b. Phone No. (include area code) (432) 685-1287		9. API Well No. 30-015-43818
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SHL: 330'FSL & 2130'FEL SECTION 33-26S-29E, BHL: 330'FNL & 2310'FEL SEC 33-26S-29E		10. Field and Pool or Exploratory Area Wolfcamp Gas
		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			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☒ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 perfonned 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 recompleation 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 detennined that the site is ready for final inspection.)

Operator request to establish pilot hole on subject well as per attached prognosis.

Operator has provided updated NMOCD C-102 Form (See Attached).

Original COAs still stand.
If two plugs are set, the BLM
is to be contacted (575-361-2822) prior to tag of
bottom plug, which must be a minimum of 200' in length.
Note plug tops on Subsequent Report sundry of drilling activities.

Please send all correspondence to the following address: Trimar Resources
PO Box 891323
Oklahoma City, Oklahoma 73189

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Steven A. Dowdy		Title Consulting Engineer for OGX Operating, LLC	
Signature 		Date 10/10/2016	
THE SPACE FOR FEDERAL OR STATE OFFICE USE			
Approved by		Title Date NOV 9 2016	
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.

Changes to Casing Setting Depths and Cementing

7" 2nd Intermediate Drill 8-3/4" hole to 9400' MD (9400' TVD). Run 7" 9# HCP-110 LTC casing to 9400. Cement w/lead slurry of 640 sx of Class "H" POZ cement + 10% gel + 5% salt + 1/8 lb/sk LCM + 0.4% retarder. Slurry weight – 11.6 ppg, Yield - 2.61 cu.ft./sk Tail in with 200 sx of Class "H" + 5% salt + 3 lbs/Sk strength enhancer + 0.3% extender + ¼ lbs/sk LCM + 0.2% fluid loss + 0.05% dispersant + 0.2% fluid loss + 0.2% fluid loss + 0.15% retarder. Slurry weight – 13.1 ppg, Yield – 1.63 cu.ft./sk. Top of lead cement will be 2,250' MD (500' into 9-5/8" casing) Top of tail cement will 8,025 MD.

Drill pilot hole below 7" casing with 6-1/8" bit to 10,600' MD (10,600' TVD) Log with full suite of open hole logs. Plug back into 7" casing with 185 sx of Class "C" cement + 0.3% retarder + 0.5% dispersant on bottom. Slurry weight – 14.8 ppg Yield – 1.32 cu.ft./sk. Tail in with 110 sx of Class H cement + 0.75% dispersant. Slurry weight – 17.5 ppg Yield – 0.93 cu.ft./sk Dress off cement to 9522' MD. KOP plug and drill 6-1/8" curve at 12 degrees/100' to 10,272' MD (10,000' TVD). Drill lateral to total measured depth of 16,766' (10,000' TVD).

4-1/2" Production liner Run 4-1/2" 11.6# HCP – 110 BTC liner. Top of liner will be at 9,200' MD. Cement with cement of 480 sx of Class "H" Premium cement + 5% Salt + 50% CaCO₃ + 0.3% extender + 5 lbs/Sk strength enhancer + 0.2 % dispersant + .7% fluid loss + 0.2% retarder . Slurry weight – 14.8 ppg Yield – 1.87 cu.ft. Top of cement will be circulated off liner top at 9200'.

11. Changes to proposed Mud Circulating System:

2,750' MD – 10,600' MD (pilot Hole TD) 8.6 – 9.4 MW 32-40 Vis WL – 10 CC

Use cut brine to TD of pilot hole.

After plugging back pilot hole, displace hole with oil based mud

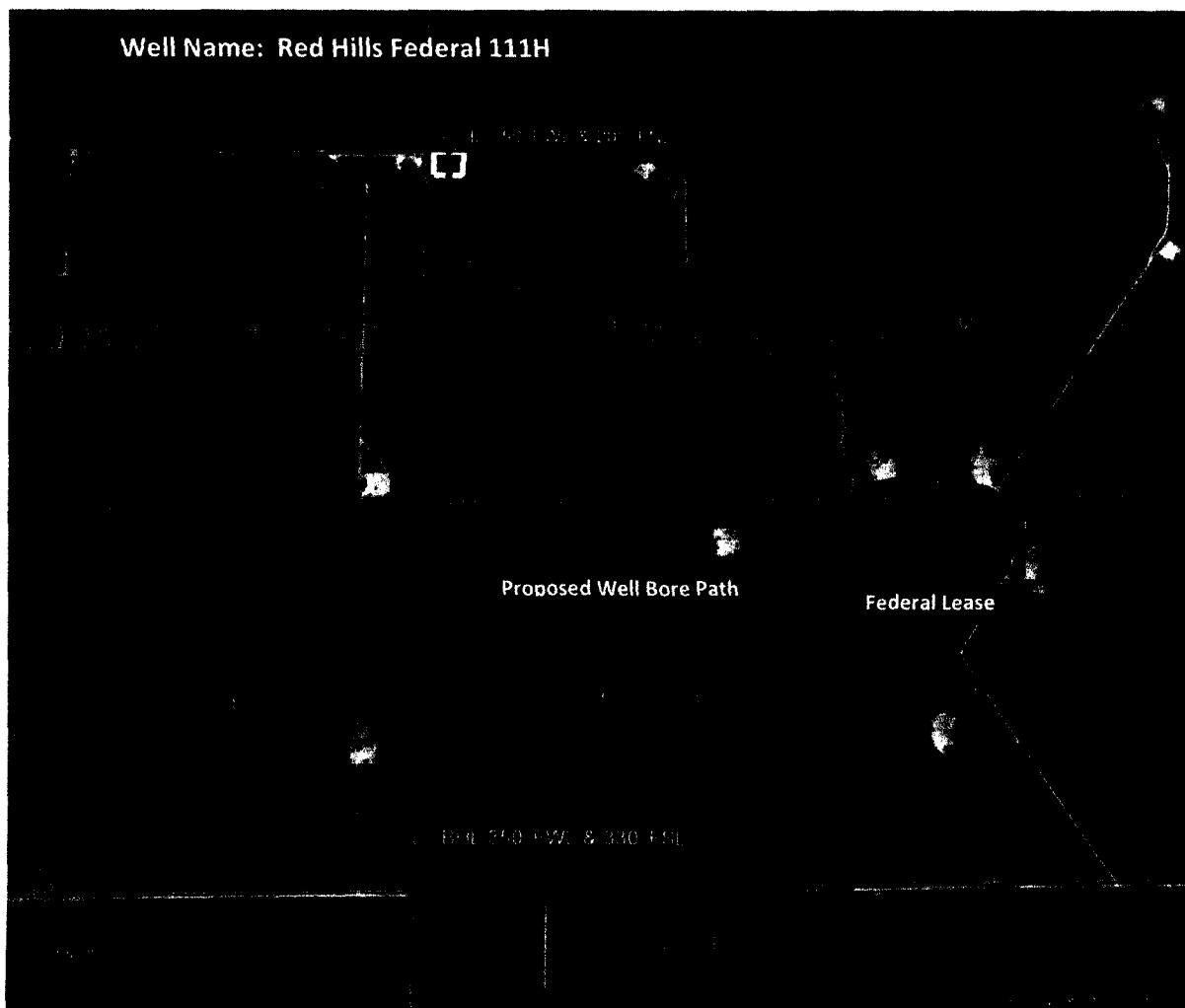
Plug back depth of 9400' – 16,766' TD MD.

9.5 – 11.0 ppg 44-55 vis 12cc or less water loss. Oil based mud with high enough viscosity to provide adequate hole cleaning and high enough mud weight to control well bore stability.

CASING DIMENSIONS AND MINIMUM PERFORMANCE PROPERTIES

CASING DIMENSIONS

Size O.D. In.	Nominal Weight T & C lbs/ft	Grade	Collapse Resistance psi	Internal Yield Pressure at Minimum Yield Point			Joint Strength 1000-lbs			Body Yield 1000 lbs	Wall In.	I.D. In.	Drill Diameter	
				PE	STC	LTC	BTC	STC	LTC	BTC			API	USS
4.500	9.50	J-55+	3310	4380	4380	5350	5350	101	162	225	184	4.000	3.875	3.965
4.500	9.50	K-55+	3310	4380	4380	5350	5350	112	180	277	184	4.000	3.875	3.965
4.500	9.50	M-65+	3600	5180	5180	6320	6320	135	188	256	217	4.000	3.875	3.965
4.500	10.50	J-55+	4010	4790	4790	5350	5350	132	212	291	267	4.000	3.875	3.927
4.500	10.50	K-55+	4010	4790	4790	5350	5350	146	223	312	267	4.000	3.875	3.927
4.500	10.50	M-65+	4420	5660	5660	6320	6320	154	234	325	317	4.000	3.875	3.927
4.500	11.60	J-55+	4960	5350	5350	5350	5350	154	223	309	300	4.000	3.875	3.875
4.500	11.60	K-55+	4960	5350	5350	5350	5350	170	223	312	267	4.000	3.875	3.875
4.500	11.60	M-65+	5560	6320	6320	6320	6320	179	234	325	317	4.000	3.875	3.875
4.500	11.60	L-80+	6350	7780	7780	7780	7780	212	223	312	267	4.000	3.875	3.875
4.500	11.60	HCL-80+	8650	7780	7780	7780	7780	212	223	312	267	4.000	3.875	3.875
4.500	11.60	N-80+	6350	7780	7780	7780	7780	223	234	325	317	4.000	3.875	3.875
4.500	11.60	HCL-80+	8650	7780	7780	7780	7780	223	234	325	317	4.000	3.875	3.875
4.500	11.60	C-90	6810	8750	8750	8750	8750	223	234	325	317	4.000	3.875	3.875
4.500	11.60	S-95+	8650	9240	9240	9240	9240	245	245	325	317	4.000	3.875	3.875
4.500	11.60	C-95+	7030	9240	9240	9240	9240	234	234	325	317	4.000	3.875	3.875
4.500	11.60	T-95	7030	9240	9240	9240	9240	234	234	325	317	4.000	3.875	3.875
4.500	11.60	HCP-110+	8650	10690	10690	10690	10690	279	279	385	367	4.000	3.875	3.875
4.500	11.60	P-110+	7580	10690	10690	10690	10690	279	279	385	367	4.000	3.875	3.875
4.500	13.50	M-65+	7300	7330	7330	7330	7330	228	228	295	249	3.920	3.795	3.795
4.500	13.50	L-80+	8540	9020	9020	9020	9020	257	257	334	307	3.920	3.795	3.795
4.500	13.50	HCL-80+	10380	9020	9020	9020	9020	257	257	334	307	3.920	3.795	3.795
4.500	13.50	N-80+	8540	9020	9020	9020	9020	257	257	334	307	3.920	3.795	3.795
4.500	13.50	HCL-80+	10380	9020	9020	9020	9020	270	270	349	307	3.920	3.795	3.795
4.500	13.50	C-90	9300	10150	10150	10150	10150	270	270	355	345	3.920	3.795	3.795
4.500	13.50	S-95+	11030	10710	10710	10710	10710	297	297	388	364	3.920	3.795	3.795
4.500	13.50	C-95+	9660	10710	10710	10710	10710	284	284	374	364	3.920	3.795	3.795
4.500	13.50	T-95	9660	10710	10710	10710	10710	284	284	374	364	3.920	3.795	3.795
4.500	13.50	P-110+	10690	12410	12410	12410	12410	338	338	443	422	3.920	3.795	3.795
4.500	15.10	L-80+	11090	10480	10480	10480	10480	308	308	384	353	3.826	3.701	3.701
4.500	15.10	HCL-80+	12330	10480	10480	10480	10480	308	308	384	353	3.826	3.701	3.701
4.500	15.10	S-95+	12330	12450	12450	12450	12450	357	357	446	419	3.826	3.701	3.701
4.500	15.10	P-110+	14350	14420	14420	14420	14420	405	405	509	485	3.826	3.701	3.701
4.500	15.10	C-125+	15940	16380	16380	16380	16380	438	438	554	551	3.826	3.701	3.701
4.500	15.10	L-80+	17240	18350	18350	18350	18350	487	487	616	617	3.826	3.701	3.701
4.500	15.10	V-150	18110	19660	19660	19660	19660	519	519	658	661	3.826	3.701	3.701
5.000	11.50	J-55+	3060	4240	4240	4240	4240	133	162	225	184	4.560	4.435	4.435
5.000	11.50	K-55+	3060	4240	4240	4240	4240	147	182	277	184	4.560	4.435	4.435
5.000	11.50	M-65+	3290	5010	5010	5010	5010	162	215	291	267	4.560	4.435	4.435
5.000	13.00	J-55+	4140	4870	4870	4870	4870	169	182	252	208	4.494	4.369	4.369
5.000	13.00	K-55+	4140	4870	4870	4870	4870	186	201	309	208	4.494	4.369	4.369
5.000	13.00	M-65+	4590	5760	5760	5760	5760	196	212	288	245	4.494	4.369	4.369
5.000	15.00	N-80+	7250	8290	8290	8290	8290	220	220	295	249	4.000	3.875	3.875
5.000	15.00	HCL-80+	9380	8290	8290	8290	8290	220	220	295	249	4.000	3.875	3.875
5.000	15.00	C-90	7940	9320	9320	9320	9320	220	220	295	249	4.000	3.875	3.875
5.000	15.00	S-95+	9380	9840	9840	9840	9840	220	220	295	249	4.000	3.875	3.875
5.000	15.00	C-95+	8110	9840	9840	9840	9840	220	220	295	249	4.000	3.875	3.875
5.000	15.00	T-95	8110	9840	9840	9840	9840	220	220	295	249	4.000	3.875	3.875
5.000	15.00	P-110+	8850	11400	11400	11400	11400	220	220	295	249	4.000	3.875	3.875
5.000	15.00	V-150	10250	15540	15540	15540	15540	220	220	295	249	4.000	3.875	3.875
5.000	18.00	M-65+	8730	8240	8240	8240	8240	220	220	295	249	4.000	3.875	3.875
5.000	18.00	L-80+	10530	10140	10140	10140	10140	220	220	295	249	4.000	3.875	3.875
5.000	18.00	HCL-80+	11880	10140	10140	10140	10140	220	220	295	249	4.000	3.875	3.875
5.000	18.00	N-80+	10530	10140	10140	10140	10140	220	220	295	249	4.000	3.875	3.875
5.000	18.00	HCL-80+	11880	10140	10140	10140	10140	220	220	295	249	4.000	3.875	3.875
5.000	18.00	C-90	11530	12040	12040	12040	12040	220	220	295	249	4.000	3.875	3.875
5.000	18.00	S-95+	12030	12040	12040	12040	12040	220	220	295	249	4.000	3.875	3.875
5.000	18.00	C-95+	12030	12040	12040	12040	12040	220	220	295	249	4.000	3.875	3.875
5.000	18.00	T-95	12030	12040	12040	12040	12040	220	220	295	249	4.000	3.875	3.875
5.000	18.00	P-110+	13470	13940	13940	13940	13940	220	220	295	249	4.000	3.875	3.875
5.000	18.00	Q-125+	14830	15840	15840	15840	15840	220	220	295	249	4.000	3.875	3.875
5.000	18.00	LS-140+	16080	17740	17740	17740	17740	220	220	295	249	4.000	3.875	3.875
5.000	18.00	V-150	16860	19010	19010	19010	19010	220	220	295	249	4.000	3.875	3.875
5.000	21.40	L-80+	12760	12240	12240	12240	12240	220	220	295	249	4.000	3.875	3.875
5.000	21.40	N-80+	12760	12240	12240	12240	12240	220	220	295	249	4.000	3.875	3.875
5.000	21.40	C-90	14360	13770	13770	13770	13770	220	220	295	249	4.000	3.875	3.875
5.000	21.40	C-95+	15160	14530	14530	14530	14530	220	220	295	249	4.000	3.875	3.875
5.000	21.40	T-95	15160	14530	14530	14530	14530	220	220	295	249	4.000	3.875	3.875
5.000	21.40	P-110+	17550	16820	16820	16820	16820	220	220	295	249	4.000	3.875	3.875
5.000	21.40	Q-125+	19940	19120	19120	19120	19120	220	220	295	249	4.000	3.875	3.875
5.000	23.20	L-80+	13830	13380	13380	13380	13380	220	220	295	249	4.000	3.875	3.875
5.000	23.20	HCL-80+	15820	13380	13380	13380	13380	220	220	295	249	4.000	3.875	3.875
5.000	23.20	N-80+	13830	13380	13380	13380	13380	220	220	295	249	4.000	3.875	3.875
5.000	23.20	HCL-80+	15820	13380	13380	13380	13380	220	220	295	249	4.000	3.875	3.875
5.000	23.20	C-90	15560	15060	15060	15060	15060	220	220	295	249	4.000	3.875	3.875
5.000	23.20	S-95+	16430	15890	15890	15890	15890	220	220	295	249	4.000	3.875	3.875
5.000	23.20	C-95+	16430	15890	15890	15890	15890	220	220	295	249	4.000	3.875	3.875
5.000	23.20	T-95	16430	15890	15890	15890	15890	220	220	295	249	4.000	3.875	3.875
5.000	23.20	P-110+	19020	18400	18400	18400	18400	220	220	295	249	4.000	3.875	3.875
5.000	23.20	Q-125+	21620	20910	20910	20910	20910	220	220	295	249	4.000	3.875	3.875
5.000	24.10	L-80+	14400	14000	14000	14000	14000	220	220	295	249	4.000	3.875	3.875
5.000	24.10	N-80+	14400	14000	14000	14000	14000	220	220	295	249	4.000	3.875	3.875
5.000	24.10	C-90	16200											



Formation Target: Avalon

TVD: 9835'

SHL: 350' FWL & 200' FNL Sec 31-25S-33E

BHL: 350' FWL & 330' FSL Sec 6-26S-33E

Perf Interval: 350' FWL & 330' FNL Sec 31-25S-33E to 350' FWL & 330' FSL Sec 6-26S-33E

