

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL X

RE-ENTER WELL PM 1:46

NAME OF COMPANY OR OPERATOR Ranger Development LLC			
Address	City	State	Phone Number
5001 LBJ Freeway, Suite 300	Dallas	TX 75244	(972) 960-3210
Drilling Contractor contract not yet awarded			
Address			

DESCRIPTION OF WELL AND LEASE			
Federal, State or Indian Lease Number, or if fee lease, name of lessor Fee Lease; HNZ Holding, LLC	Well number Oso 15-1	Elevation (ground) 5505'	
Nearest distance from proposed location to property or lease line: 1028 feet	Distance from proposed location to nearest drilling, completed or applied-for well on the same lease: 3254 feet		
Number of acres in lease 2,559.80	Number of wells on lease, including this well, completed in or drilling to this reservoir: One (#894 is P&A and 3254' east)		
If lease purchased with one or more wells drilled, from whom purchased. no active wells on lease	Name HNZ Holding, LLC	Address 1900 N. Akard St. Dallas TX 75201	
Well location (give footage from section lines) 2025' FNL & 1028' FWL	Section - Township - Range or Block and Survey S.15 T14NR25E G&SRM	Dedication per A.A.C. R12-7-104(A)(3) 640 ac. (all of Sec. 15)	
Field and reservoir (if wildcat, so state) Wildcat	County APACHE		

Distance in miles and direction from nearest town or post office
N27°47'W 10.78 MILES FROM CONCHO POST OFFICE

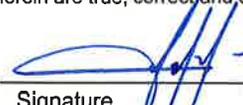
Proposed depth 1,500'	Rotary or cable tools rotary	Approximate date work will start upon approval
Bond status Amount on file: \$50,000	Organization Report On file Yes Or attached	Filing Fee of \$25.00 Attached Yes

Remarks

**API 02-001-20512
PLACE ID# 156765**

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the: **Consultant** of the **Ranger Development LLC** (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Mail completed form to:
Oil and Gas Program Administrator
Arizona Department of Environmental Quality
1110 W. Washington Street
Phoenix, AZ 85007

Signature 
12-6-17
Date

Permit Number: **1224 #69172**

Approval Date: **2/28/2018** OGCC HEARING DATE 2/23/18

Approved By: **D.L. Turner**

NOTICE: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

**STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION**

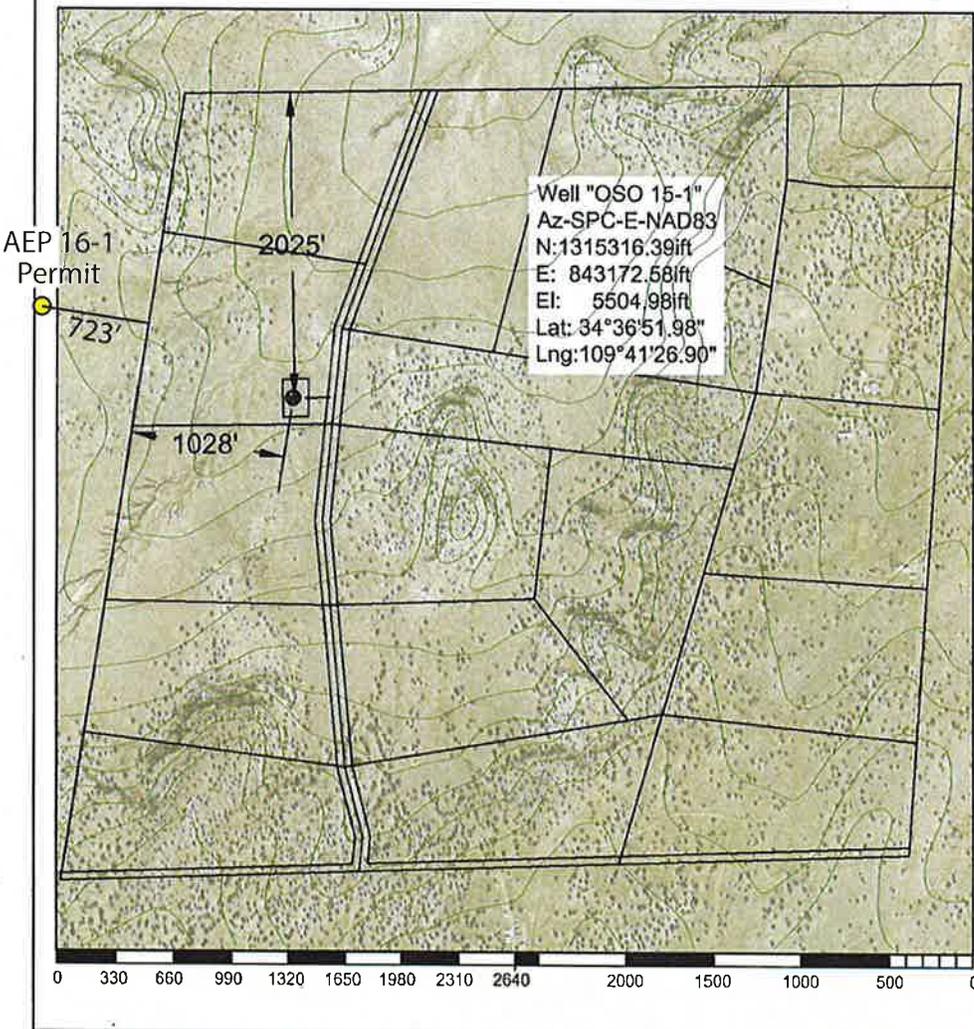
Application to Drill or Re-enter
File Two Copies

Form No. 3

ADEQ
AIR QUALITY DIVISION
18 JAN -3 PM 2:42

- Operator shall outline on the plat the acreage dedicated to the well in compliance with A.A.C. R12-7-107.
- A registered surveyor shall show on the plat the location of the well and certify this information in the space provided.
- ALL DISTANCES SHOWN ON THE PLAT MUST BE FROM THE OUTER BOUNDARIES OF THE SECTION.
- Is the operator the only owner in the dedicated acreage outlined on the plat below? YES _____ NO X
- If the answer to question four is no, have the interests of all owners been consolidated by communization agreement or otherwise? YES _____ NO X If answer is yes, give type of consolidation _____
- If the answer to question four is no, list all the owners and their respective interests below:

Owner	Land Description
IACX ENERGY LLC & TWIN BRIDGES RESOURCES LLC LEASEE #2017-3793 OIL GAS & HELIUM LEASE	LOT 451, WOOD RIDGE RANCH U11 15-14-25



CERTIFICATION

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Name: **Brian Wood**

Position: **Consultant**

Company: **Ranger Development LLC**

Date: **11-22-17**

I hereby certify that the information shown on the plat is true and complete to the best of my knowledge and belief.

DANIEL R. MUTH

Registered Land Surveyor
ARIZONA U.S.A.

Date Surveyed: **9/14/2017**

Registered Land Surveyor
DANIEL R. MUTH PLS

Certificate No.
AZ RLS NO. 31028

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement	Type
10.75" in 16"	40.5	B	GL	20'	GL - 20'	6	Class G
7.00" in 9.625"	23 or 26	J-55	GL	650'	GL - 650'	254	ditto
4.5" in 6.75"	9.5	J-55	GL	1500'	GL - 1500'	175	ditto

ARIZONA OIL and GAS CONSERVATION COMMISSION



State of Arizona
Oil and Gas Conservation Commission

1110 W. Washington Street, Phoenix, AZ 85007

602-771-4501

www.azogcc.az.gov

Dennis L. Turner, Oil and Gas Administrator

Commissioners:
Frank Thorwald, Chair
Vice Chair – vacant
Stephen R. Cooper
William C. Feyerabend
J. Dale Nations, Ph.D.

CERTIFICATE for PERMIT to DRILL an OIL, GAS, INJECTION or GEOTHERMAL WELL PERMIT / LTF NUMBER 1222 LTF #69172

Has been issued to **Ranger Development L.L.C.**

to drill a well known as **Fee Ranger 15-1 Oso**

located **2025 FNL 1028 FWL**

Section **15** Township **14N** Range **25E**, Apache County, Arizona.

The entirety of Sec 15, T14N, R25E (640 acres) of said Section, Township and Range is dedicated to this well.

Said well shall be drilled substantially as described in the Application and as approved and restricted by the OGCC's letter dated **February 28, 2018**. Ranger is subject to terms and conditions of the permit to drill and all applicable Arizona Revised Statutes (A.R.S.) Title 27, Chap. 4, Art. 1 and 4, and the Arizona Administrative Code (A.A.C.) R12-7-104, R12-7-106 to 120 and R12-7-175 to 176.

API No.: 02-001-20512

Issued: February 28, 2018

Expires*: August 27, 2018

*The permit to drill expires if operations are not commenced within 180 days from date of this certificate (see A.A.C R12-7-104(D))

Dennis L. Turner, Oil & Gas Program Administrator
(602)771-4501

OPERATOR SHALL DISPLAY THIS CERTIFICATE IN A CONSPICUOUS PLACE ON-SITE