

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

 APPLICATION TO DRILL

 RE-ENTER OLD WELL

 INJECTION WELL

 OIL

 GAS

 CO2

 HELIUM WELL

 OTHER

NAME OF COMPANY OR OPERATOR

RANGER DEVELOPMENT LLC

Address

City

State

Phone Number

5001 LBJ FREEWAY, SUITE 300

DALLAS

TX

972-960-3210

Drilling Contractor

TO BE DETERMINED

Address

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor

RANGER STATE

Well number

34-7 PD

Elevation (ground)

5769

Nearest distance from proposed location to property or lease line:

1944 feet

Distance from proposed location to nearest drilling, completed or applied-for well on the same lease:

KM 36 P4A

473 feet

Number of acres in lease

1,997.64

Number of wells on lease, including this well, completed in or drilling to this reservoir:

 10 TOTAL - 5 P4A, THIS WELL, 4 GAS
 3 (three) IN THIS SECTION

If lease purchased with one or more wells drilled, from whom purchased.

Name AZ STATE LAND DEPT

 Address 1616 WEST ADAMS ST
 PHOENIX AZ 85007

STATE OF ARIZONA: 13-118076

Well location (give footage from section lines)

1944' FSL - 2245' FEL

Section - Township - Range or Block and Survey

SEC. 34, T-20-N, R-26-E, G & SRM

Dedication per A.A.C. R12-7-104(A)(3)

ALL OF 34-720N-R26E

Field and reservoir (if wildcat, so state)

PINTA DOME

County

APACHE

Distance in miles and direction from nearest town or post office

S 46° W, 11 MILES FROM CHAMBERS, AZ

Proposed depth:

3,500'

Rotary or cable tools

ROTARY

Approximate date work will start

October 2019

Bond status

FILED

Organization Report

Filing Fee of \$25.00

Amount

\$50,000

On file YES

Or attached YES

Attached YES

Remarks

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the: PROJECT MANAGER 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 Oil & Gas Conservation Commission
 c/o Arizona Department of Environmental Quality
 1110 W. Washington Street
 Phoenix, AZ 85007



Signature

SEPT. 18, 2019

Date

e-mail completed form to: azogcc@azdeq.gov

 Permit / ~~Lease~~ No.: 1240

Approval Date: October 3, 2019

Approved By: Dennis 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: one by mail, one electronically

Form No. 3

- 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
- If the answer to question four is no, have the interests of all owners been consolidated by communitization agreement or otherwise? YES NO 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:

<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">Owner</th> <th style="width:50%;">Land Description</th> </tr> <tr> <td style="height: 40px;"> </td> <td> </td> </tr> </table>	Owner	Land Description			<p style="text-align: center;">CERTIFICATION</p> <p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p> <p style="text-align: right;"><i>[Signature]</i></p> <p>Name TONY HINES</p> <p>Position PROJECT MANAGER</p> <p>Company RANGER DEVELOPMENT LLC</p> <p>Date SEPT 18, 2019</p>
Owner	Land Description				
<p>SECTION 34, TOWNSHIP 20 NORTH RANGE 26 EAST GILA & SALT RIVER MERIDIAN</p>					
<p>I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</p>					
<p>Date Surveyed 08/28/2019</p> <p>Registered Land Surveyor Michael C. Lock</p> <p>Certificate No. 61902</p>					

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement	Type
13-3/8"	48	H 40	0'	40'	0 - 40'	20	TYPE 11 PORT
9-5/8"	36	J 55	0'	1,400'	0 - 1,400'	376	" "
7"	23	N 80	0'	2,620'	600 - 2,620'	273	" "
4-1/2"	11.6	N 80	0'	3,500'	2,300 - 3,500'	112	" "

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

J. Dale Nations, Ph.D., Vice Chair

Stephen R. Cooper

William C. Feyerabend

CERTIFICATE for PERMIT to DRILL an OIL, GAS, INJECTION or GEOTHERMAL WELL

PERMIT NUMBER 1240

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

to drill a well known as **Ranger 34-7 PD State**

located **1944 FSL 2245 FEL**

Section **34** Township **20N** Range **26E**, **Apache County**, Arizona.

The entirety (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 AOGCC's letter dated **October 10, 2019**. 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.

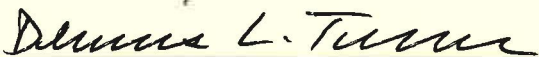
Total depth: 3,500 feet

Issued: October 3, 2019

API No.: 02-001-20519

Expires*: March 31, 2020

*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

ogcc@azdeq.gov

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