

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL

RE-ENTER OLD WELL

NAME OF COMPANY OR OPERATOR

RANGER DEVELOPMENT LLC

Address

City

State

Phone Number

5001 LBJ FREEWAY, SUITE 300 DALLAS TX 75244 972-9603210

Drilling Contractor

BUTLER PETROLEUM

Address

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor
RANGER 27

Well number
6 NS

Elevation (ground)
5751

Nearest distance from proposed location to property or lease line:
1808 feet

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

Number of acres in lease

623.72 (ALL OF SEC. 27; PER 1998 SURVEY)

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

3 (27-1NS; EASTERN 263 PMA)

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

Name

Address

CIMAREX ENERGY, 1700 LINCOLN ST, SUITE 3700, DENVER, CO 80203

Well location (give footage from section lines)
1822' FSL - 1808' FWL

Section - Township - Range or Block and Survey
SEC. 27, T-20-N, R-27-E, G & SRM

Dedication per A.A.C. R12-7-104(A)(3)
ALL 27-20N-27E

Field and reservoir (if wildcat, so state)

NAVARO SPRINGS

County

APACHE

Distance in miles and direction from nearest town or post office

S 16° W, 6 MILES FROM CHAMBERS, AZ

Proposed depth:
910'

Rotary or cable tools
ROTARY

Approximate date work will start
UPON APPROVAL

Bond status
FILED AT \$50,000

Organization Report

Filing Fee of \$25.00

Amount

On file YES Or attached YES

Attached YES

Remarks: RANGER holds 100% of all adjoining LEASES OF THE 40 ACRE SHINARUMP SPACING BLOCKS. THERE ARE NO OTHER OFFSET OPERATORS TO THIS WELL, THEREFORE NO OTHER NOTIFICATIONS WERE POSSIBLE AS REFERRED TO IN R12-7-116 B.3. AND B.4. THE WELL WILL BE A SINGLE ZONE OPEN HOLE COMPLETION IN THE SHINARUMP FORMATION. IT WILL BE DRILLED ON THE SAME LOCATION AS THE RANGER 27-1NS WELL.

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 Department of Environmental Quality
1110 W. Washington Street
Phoenix, AZ 85007

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

Signature

JULY 6, 2019

Date

Permit / LTF No.: 1239 / 77634

Approval Date: JULY 19, 2019

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: 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. *THE 40 ACRES OF THE NE 1/4 OF THE SW 1/4 ARE DEDICATED TO THIS SHINARUMP WELL.*
- 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:

Owner	Land Description
<p>SECTION 27, TOWNSHIP 20 NORTH RANGE 27 EAST GILA & SALT RIVER MERIDIAN</p>	
<p>CERTIFICATION</p> <p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p> <p><i>Tony Hines</i> TONY HINES</p>	
Name	
PROJECT MANAGER	
Position	
RANGER DEVELOPMENT LLC	
Company	
JULY 6, 2019	
Date	
<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>	
Date Surveyed	
6-26-19	
Registered Land Surveyor	
Michael C. Lock	
Certificate No.	
61902	

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement	Type
10.75"	32.75	J55	GL	60'	GL-60'	10	PREM. LIGHT
7.00"	20.0	J55	GL	790'	GL-790'	175	PREM. LIGHT

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 1239

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

to drill a well known as **Fee Ranger 27-6 NS**

located **1822 FSL 1808 FWL**

Section **27** Township **20N** Range **27E**, **Apache County, Arizona.**

The entirety of Sec 27, T20N, R27E (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 **July 19, 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: 910 feet

Issued: July 19, 2019

API No.: 02-001-20518

Expires*: January 15, 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