



STATE OF NEVADA  
 COMMISSION ON MINERAL RESOURCES  
**DIVISION OF MINERALS**  
 400 W. King Street, Suite 106  
 Carson City, Nevada 89703  
 (775) 684-7040 | Fax (775) 684-7052  
<http://minerals.nv.gov>

Date Received	9/20/2024
County	Churchill
NDOM Permit Number	W0034
FOR DIVISION USE ONLY	

**DISSOLVED MINERAL RESOURCE EXPLORATION WELL PERMIT APPLICATION**

Applicant/Operator Name: COSMO E&P USA Inc.  
 Street Address: 1800 West Loop South, Suite 1810  
 City: Houston State/Prov.: Texas  
 Country: USA Zip Code: 77027

hereby makes application for a dissolved mineral resource exploration well permit.

(if applicant is a corporation, show state and date of incorporation; if a partnership, list names of partners.)

COSMO E&P USA Inc. was formed on October 16, 2023 in Delaware.

Well Name CEPUSA-DV-002

This application  New Exploration Well  Borehole to Well Conversion  
 is for a:  Permit Extension (NDOM Permit # \_\_\_\_\_) (Indicate below any changes to original permit)  
 Permit Extension Reason: \_\_\_\_\_

Applicant is:  Land Owner  Lease/Claim Holder

Land Status (choose one):

Federal (BLM, USFS, etc...)

Mining Claim: NMC# NV106382190

Project Name: Aquarius Exploration Project

NVN# NVNV-106391365

Non Federal

APN#: \_\_\_\_\_

Land Owner: \_\_\_\_\_

Bond Type: \_\_\_\_\_

Issued by: \_\_\_\_\_

Amount: \_\_\_\_\_

Number: \_\_\_\_\_

Groundwater Basin Name and Number

Area With Limitations?

Dixie Valley, 128

Y  N

(Well proposed to be drilled within areas with limitations may require Blowout Prevention Equipment, per NAC 534B)

Location of Well:

County: Churchill

Lot 1 ¼ of the Lot 1 ¼ of 17 Sec., Township 24  N  S, Range 37 E

UTM East: 428743 or Longitude: \_\_\_\_\_  
 UTM North: 4423084 Latitude: \_\_\_\_\_  
 NAD83  WGS84 M.D.B. & M.

Drilling Contractor (if known): NA  
Address: \_\_\_\_\_  
City, State Zip: \_\_\_\_\_

Purpose of Well: Mineral Exploration  
Drill Rig Type: Schramm T200XD or equivalent  
Surface Hole Diameter: 32-inches Casing Size/Length: 0-60 ft 26", 60-400' ft 18", 400-2520 ft 8.625"  
Expected Total Depth: 2,560 ft Casing Weight/Gauge: 85.8#/ft, 59.1#/ft, 27.7#/ft  
Casing Schedule/Grade A53B, A53B, A606 Type 4, 0.3125" wall

Blowout Prevention Equipment Rating:  None  2000 psi  3000 psi  5000 psi

Fluid Management Plan - NAC 534B.140(1)(C):

Please see Attached narrative, Section 4.0

(Describe Here or Attach Additional Pages)

Contamination Prevention/Cementing Plan - NAC 534B.140(1)(D):

Please see Attached narrative, Section 5.0. See Figure 4 for well schematic

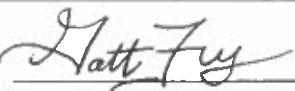
(Describe Here or Attach Additional Pages, must include Well Schematic)

Flow Monitoring and Plugging Plan - NAC 534B.140(1)(E) / NAC 534B.180:

Please see Attached narrative, Section 6.0

(Describe Here or Attach Additional Pages)

Drilling will commence approximately on: November 15, 2024

Signature of Applicant/Agent:   
Printed Name/Title: Garrett Frey / Senior Hydrogeologist  
Date: 9/20/2024

*An application submitted without a signature and date will not be considered for approval.*

-----Attach \$1,000.00 Application Fee Per NAC 534B-----

----- TO BE COMPLETED BY DIVISION -----

**CONDITIONS OF PERMIT**

1. All permittees must comply with appropriate sections of the Dissolved Mineral Resource Regulations of the Division of Minerals and with applicable rules and regulations of state and federal agencies.
2. For a well located on non-federal land, a bond in an amount determined by the Division to be necessary to properly plug the well in accordance with NAC 534B must be included.
3. Well Permit Expires two (2) years from date of approval.
4. See attached Conditions of Approval.
5. Send any required reports to: ..... [dholcomb@minerals.nv.gov](mailto:dholcomb@minerals.nv.gov)
6. Additional Conditions/Comments

<b>A.</b>	Sump to be fenced on 3 sides
<b>B.</b>	Provide NDOM with the contact information and license number of the well drilling contractor at a minimum of 5 days prior to spudding the well
<b>C.</b>	See C.O.A.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal, and local agencies.

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**PERMIT APPROVAL**

Approved 10/11/2024 with the conditions noted above.  
Date

Permit Number W0034

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Administrator  
Division of Minerals