



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 W0035
 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-003

This application is for a: New Exploration Well Borehole to Well Conversion
 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# NV106382052
 Project Name: Aquarius Exploration Project NVN# NVNV-106391365

Non Federal
 APN#: _____ Land Owner: _____
 Bond Type: _____ Issued by: _____
 Amount: _____ Number: _____

Groundwater Basin Name and Number Dixie Valley, 128 Area With Limitations? Y N
(Well proposed to be drilled within areas with limitations may require Blowout Prevention Equipment, per NAC 534B)

Location of Well:

County: Churchill
 NW 1/4 of the SW 1/4 of 34 Sec., Township 25 N S, Range 37 E

UTM East: 430772 or Longitude: _____
 UTM North: 4427026 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 9/20/24

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
6. Additional Conditions/Comments

A.	Sump to be fenced on 3 sides
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
C.	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.

PERMIT APPROVAL

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

Permit Number W0035

Administrator
Division of Minerals