STATE OF NEVADA
DIVISION OF MINERALS

DISSOLVED MINERAL RESOURCE EXPLORATION WELL DRILLER'S REPORT

Report #: R0032
For Division Use Only

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Please complete this form in its entirety in accordance with NAC 534B

PRIVATE LEASE ☐ *Yes* ☐ *No*
BLM NOTICE NO. NVNV-106391365
WELL NAME/NUMBER: DV-002

1. OPERATOR NAME: COSMO E&P USA Inc.
MAILING ADDRESS: 1800 West Loop South, Suite 1810

HYDROLOGIC BASIN NAME AND NUMBER: Dixie Valley 128
COUNTY: Churchill

2. PLSS LOCATION: Lot 1 1/4 Lot 1 1/4 Section 17
Township 24 ◉ N ○ S Range 37 E

Latitude
Longitude
UTM N 4423101
UTM E 428750
☒ NAD 83
☐ WGS 84

3. NDOM PERMIT NUMBER
W0034

4. BLOWOUT PREVENTION EQUIPMENT
Type: ☐ Not Required ☒ Annular ☒ Blind ☐ Pipe
Rating: ☒ 2M ☐ 3M ☐ 5M
Size: Surface Intermediate 16"

5. RIG TYPE
◉ Core ◉ Rotary ◉ RVC
◉ Air ◉ Mud ◉ Sonic
◉ Other

6. LITHOLOGIC LOG

Material Encountered	Lost Circ.	Water Strata	From	To
L. brown sandy silt			0	510
L. brown clayey silt			510	560
Sandy gravel with silt		x	560	600
L. brown Clayey silt w/ sand stringers		x	600	820
L. brown silty clay w/ sand stringers		x	820	1110
green-gray silty clay minor sand			1110	1660
Med Gray Silty Clay w/ sand stringers		x	1660	2260

Date started: April 9 20 26
Date completed: May 16 20 26

8. *WELL CONSTRUCTION*
Depth Drilled: 2260 Feet
Depth Cased To: 2220 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
30	Inches	0	Feet	60	Feet
22	Inches	60	Feet	500	Feet
12.25	Inches	500	Feet	2260	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness/Grade (Inches)	From (Feet)	To (Feet)
24	78.1	0.3125	0	60
16	51.3	0.3125	0	500
6.75	20.3	0.3125	+2	2220

ANNULAR SEALS
Minimum of 50 feet of surface seal and 2 inch annual space required

☒ Neat Cement	0	to	600	☒ Pumped	☐ Poured
☐ Cement Grout		to		☐ Pumped	☐ Poured
☐ Bentonite Grout		to		☐ Pumped	☐ Poured
☐ Bentonite Chips		to		☐ Pumped	☐ Poured
☒ Gravel Pack [> 0.2 in.]	605	to	2260	☒ Pumped	☐ Poured
☐ Sand Pack [< 0.2 in.]	600	to	605	☒ Pumped	☐ Poured
☐ Other, explain:		to		☐ Pumped	☐ Poured

PERFORATIONS:
Type of perforation: Ful Flo Louvers
Size of perforation: 0.055"

From	640-660	Feet	To	1280-1360	Feet
From	720-800	Feet	To	1420-1500	Feet
From	860-940	Feet	To	1560-1640	Feet
From	1000-1080	Feet	To	1700-1780, 1840-1920	Feet
From	1140-1220	Feet	To	1980-2060, 2120-2000	Feet

7. *WATER DATA*
Static water level: 40 Feet below land surface
Artesian Flow: NA G.P.M. NA P.S.I.
Water Max Temperature: 105 º Fahrenheit

DATE RECEIVED: 6/9/2026

DATE ENTERED: 6/9/2026

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9. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.

Name: Layne Christensen Co.
Contractor
Address: 5810 E 77th Ave Commerce City, CO 80022
Contractor
Phone: 303-755-1281

Nevada contractor's license number as issued by the *State Contractor's Board:* 19101
Nevada well driller's license number as issued by the *Nevada Division of Water Resources (on-site driller):* 2708

Signed: Jack Ozmun
By driller performing actual drilling on site
Date: 6/4/2026

USE ADDITIONAL SHEETS IF NECESSARY