

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☐ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ OTHER ☐SINGLE ZONE ☐MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Overland Oil & Gas Corp

3. ADDRESS OF OPERATOR

3539 E 30th St Suite 108 Farmington, New Mex 87401

4. LOCATION OF WELL (Report location clearly and in accordance with USGS Form 1000-1)

At surface

1830' FSL 430' FWL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

4 miles northeast of Shiprock, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drg. unit line, if any)

165'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

248'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5071 G.L.

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/4"	7"	20.50#	10'	2 SX
5 5/8"	4 1/2"	9.50#	1064'	65 SX
4 1/2"	2 3/8"	2.90#	1064'	200 SX

We intend to convert this oil well to a water injection well.
We cemented 2 3/8" tubing in 4 1/2" casing top to bottom.
The maximum pressure will be 750 psi which is the top rate on the injection pump. We have a pressure gauge at the discharge.
We will monitor this daily when injection pump is running.
We will inject from 40 barrels to 80 barrels a day.
The water will be injected in the Salt Creek Dakota from 1065' to 1078' open hole, this water will come out of the Salt Creek Dakota.
The total depth of well is 1078'. Attached is a water analysis.
Attached is a map with roads and wells. Attached is a certified location plat. Attached is a topo map.

Must receive NMOC approval to inject

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE Operator

DATE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY

DISTRICT ENGINEER

OPERATOR