

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

Sundry Notices and Reports on Wells

1. Type of Well GAS	API # (assigned by OCD) 30-045-05828
	5. Lease Number
	6. State Oil&Gas Lease # B-10894-6
2. Name of Operator BURLINGTON RESOURCES OIL & GAS COMPANY	7. Lease Name/Unit Name Huerfano Unit Com
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Well No. 98
4. Location of Well, Footage, Sec., T, R, M 990' FSL 990' FEL, Sec. 16, T-26-N, R-9-W, NMPM, San Juan County	9. Pool Name or Wildcat Ballard P.C.
	10. Elevation:

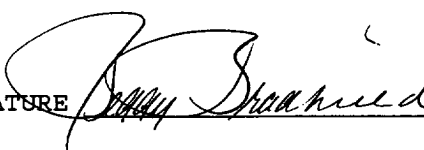
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AUG 6 1998
OIL CON. DIV.
DIST. 3

Type of Submission	Type of Action
☒ Notice of Intent	☐ Abandonment
☐ Subsequent Report	☐ Recompletion
☐ Final Abandonment	☐ Plugging Back
	☐ Casing Repair
	☐ Altering Casing
	☒ Other - Restimulate
	☐ Change of Plans
	☐ New Construction
	☐ Non-Routine Fracturing
	☐ Water Shut off
	☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to restimulate the Pictured Cliffs formation on the subject well in the following manner:

Move in rig up. Pull 1 1/4" tubing. Clean out the plug back total depth at 2046'. Acidize and foam fracture treat the Pictured Cliffs formation. Clean out. Rerun tubing and return well to production.

SIGNATURE  (MDWPC) Regulatory Administrator August 4, 1998

TLW

(This space for State Use)

Approved by Original Signed by FRANK I. CHAVEZ Title SUPERVISOR DISTRICT # 3 Date AUG 6 1998

Huerfano Unit Com # 98
Pertinent Data Sheet

API #: 300450582800

Location: 990 ' FSL & 990 ' FEL, Unit P, Section 16, T26N, R09W, San Juan County, New Mexico

Latitude: 36 ° - 29.02 '

Longitude: 107 ° - 47.28 '

Field: Ballard PC

Elevation: 6355 ' GL
6365 ' KB

TD: 2,091 '

PBTD: 2,046 '

DP #: 51157A

Lease: NM 6087000

GWl: 46.916073 %

NRI: 34.013316 %

Prop#: 7971110

Spud Date: 11/25/57

Compl Date: 12/10/57

Initial Potential: 3084 Mcfd

Original SIP: 567 psi

Casing Record:

<u>Hole Size (In.)</u>	<u>Csg Size (In.)</u>	<u>Wt. (#'s) & Grade</u>	<u>Depth Set (Ft.)</u>	<u>Cement (Sx.)</u>	<u>Cement (Top)</u>
12 1/4	8 5/8	24 J-55	129	125	circ to surf
7 7/8	5 1/2	15.5 J-55	2,090	150	965' (TS)

Tubing Record:

<u>Tbg. Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>	<u># Joints</u>	<u>Comments</u>
1 1/4"	2.3 J-55	2,024'	97	

Formation Tops:

Ojo Alamo: 1,160 '
Kirtland Shale: 1,256 '
Fruitland: 1,747 '
Pictured Cliffs: 1,986 '

Logging Record:

Original Stimulation: Perf'd 1996-2012, 2022-34 w/2 SPF, SWF w/39,942 gal wtr and 40,000# sd

Workover History: None

Production History: 5/98 PC capacity: 9 MCF/D. 5/98 PC cum: 2341 MMCF.

Pipeline: EPNG

Huerfano Unit Com # 98

Section 16 P, T-26 -N R-09 -W
San Juan, New Mexico

Ballard Pictured Cliffs Field Wellbore Schematic

CURRENT

Elevation 6355' GL 6365' KB

PROPOSED

Cmt Top
circ to surf @ Surf (Circ)

8 5/8" 24# J-55 Casing
Set @ 129'
Cmt'd w/ 125 sx

1 1/4" 2.3# J-55
Set @ 2,024'
97 Jts.

5 1/2" 15.5# J-55
Casing Set @ 2,090'
Cmt'd w/ 150 sx

Perf'd 1996-2012, 2022-34
w/2 SPF, SWF w/39,942 gal
wtr and 40,000# sd

Top of Ojo Alamo @ 1,160'

Top of Kirtland @ 1,256'

Top of Fruitland @ 1,747'

Top of Pictured Cliffs @ 1,986'

1 1/2" 2.9# J-55
Tubing
Set @ 2,024'

Perf & Foam Frac
1,986' - 2,046'
Frac with 150,000#
20/40 Sand

PBTD @ 2,046'
TD @ 2,091'

PBTD @ 2,046'
TD @ 2,091'