

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

RECEIVED

OCT 2 1998

Bureau of Land Management
Durango, Colorado1. Type of Well
GAS5. Lease Number
I-22-IND-2772
6. If Indian, All. or
Tribe Name
Ute Mountain Ute
Unit Agreement Name

2. Name of Operator

**BURLINGTON
RESOURCES**

OIL & GAS COMPANY

15. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

8. Well Name & Number
Ute Mountain Ute #51
9. API Well No.
30-045-29547
10. Field and Pool
Barker Dome Ismay
11. County and State
San Juan Co, NM

4. Location of Well, Footage, Sec., T, R, M

1500' FSL, 2270' FWL, Sec. 14, T-32-N, R-14-W, NMPM

NSL-4027

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

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

13. Describe Proposed or Completed Operations

It is intended to restimulate the subject well according to the attached procedure and wellbore diagram.

RECEIVED
OCT - 8 1998**OIL CON. DIV.**
DIST. 3

14. I hereby certify that the foregoing is true and correct.

Signed Nancy Altman (DSD10) Title Regulatory Administrator Date 9/29/98

no

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

ACCEPTED FOR RECORD

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

San Juan Resource Area
Bureau of Land Management

NMOCB

Ute Mountain Ute #51
Remedial Stimulation Procedure
Burlington Resources
Barker Creek - Paradox
Location: Unit K, Sec. 14, T32N, R14W, San Juan County, NM
Lat: 36° 59.10 min. Long: 107° 16.80 min.

-
- ☐ Comply with all Federal, State, and local rules and regulations relating to oil and gas operations at all times.
 - ☐ Conduct daily safety meetings.
 - ☐ Place fire and safety equipment in strategic locations.
 - ☐ The production string will be used to treat the formation.
 - ☐ Hydrogen sulfide concentration was last measure at 2200-ppm in this well.
 - ☐ This will be a rigless frac job.
-

1. MIRU safety crew and Halliburton. RU flowback lines and treating lines to be able to swap from flowback to the production line on the fly. Once the well is flowing and has cleaned up we don't want to shut the well in to turn it over to production. Conduct safety meeting with all personnel on location to discuss potential hazards and procedure.
2. Record tubing and casing pressures. RU Halliburton to wellhead. Isolation of the wellhead will not be necessary, it is rated for 5000-psi. Test Halliburton lines to 5,000 psi and record. **Maximum surface treating pressure will be 4600-psi.**
3. Check tree and monitor backside. Make sure wing valves are closed. Acid will be on transport and pump truck. Nitrogen will be in transport.
4. Open Both master valves and monitor pressures. Check for H2S.
5. Acidize Ismay (8662'-8686', 1 SPF, 0° Phasing, 0.33" holes) down production string as follows:

<u>Stage</u>	<u>Fluid</u>	<u>Concentration</u>	<u>Proppant</u>	<u>Rate</u>	<u>Volume</u>
1-Pad	Nitrogen	100%	N/A	3,250 SCF/Min	75,000 SCF
2	SWIC II Foamed Acid	33% foam	N/A	6.0 BPM (4.0 BPM Acid, 3250 SCF/min N ₂)	12,000-gal
3-Flush	Nitrogen	100%	N/A	3,250 SCF/Min	80,000 SCF

0.58 psi/ft frac gradient
4,600 psi estimated WHTP

SWIC II Acid

8000-gal 15% Hydrochloric Acid	(Base fluid)
3 gal/M FE-5A	(Iron control)
2 lb/M HII-124C	(Intensifier for FE-%A)
20 gal/M SCA-130	(Anti-sulfide cracking)
10 gal/M HAI-81M	(Corrosion inhibitor)
2 gal/M SSO-21M	(Surfactant)

5. RD Halliburton. Flow well to pit. Record pressures and rates. Record load returned.
6. When the well is producing dry gas or all load is recovered open valve to production line and shut in valve to flowback line.
7. RD flowback lines. RD Safety crew.

Recommended: Art Johnson 9/25/98
Engineering Analyst

Approved: JP Fink 9-25-98
Team Leader

Recommended: DR L 9/25/98
Reservoir Engineer

Approved: Bruce W. Boyer 9-24-98
Drilling Superintendent

Safety:

Standby Safety (907) 565-6391

Stimulation:

Halliburton (505) 325-3500

Burlington Resources:

Production Engineering	Scott Dobson	Office	(505) 326-9813
		Pager	(505) 326-8036
		Home	(505) 564-3244
Reservoir Engineering	Chip Lane	Office	(505) 326-9740
Foreman	Noel Rogers	Office	(505) 327-9808
Lease Operator	Bobby Jackson	Mobile	(505) 320-0188
		Pager	(505) 324-2553

Ute Mountain Ute #51
Pertinent Data Sheet
Burlington Resources

General Well Information:

Location: 1500' FSL, 2270' FWL, Unit K, Sec. 14, T32N, R14W, San Juan County, NM

Federal Lease #: I-22-IND-2772
Property #: 071744801

DP #: 64183A
GWI/NRI: 100/87.5 - Gas
20/17.5 - Oil

Current Field: Barker Creek - Paradox
Spud: 04/28/98
GL Elevation: 6884'
TD: 9602'

Zone: Ismay
Completed: 07/14/98
KB Elevation: 6898'
PBTD: 8980'

Casing Record:

<u>Hole Size</u>	<u>Csg. Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Depth Set</u>	<u>Cmt Vol</u>	<u>TOC</u>
12-1/4"	8-5/8"	24 lb/ft	K-55	1436'	800 sx	Circ. to Sur.
7-7/8"	5-1/2"	17 lb/ft	L-80	9600'	2795 sx	Circ. to Sur.

Stage Tool set @ 7264'

Tubing Record:

<u>Tubing Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Depth Set</u>	<u>Number of Jts</u>
2-7/8	6.5 lb/ft	L-80	8522'	270

F-Nipple @ 8489'
Packer @ 8387' to 8394'

Formation Tops:

Mancos	Surface	Entrada	4304'	Desert Creek	8748'
Niobrara	2254'	Chinle	4905'	Akah Evaporites	8883'
Greenhorn	3002'	Cutler	5785'	Lower Akah Shale	9043'
Graneros	3052'	Hermosa	7442'	Upper Barker Creek	9058'
Dakota	3117'	Upper Ismay	8566'	Lower Barker Creek	9192'
Morrison	3330'	Hovenweep	8613'	Upper Alkali Gulch	9298'
Summerville Shale	4208'	Lower Ismay	8650'	Lower Alkali Gulch	9405'
Todilto	4295'	Gothic Shale	8690'		

Logging Record: Platform Express (AIT, Neutron Density, Micorolog)

Core: None.

DST: None

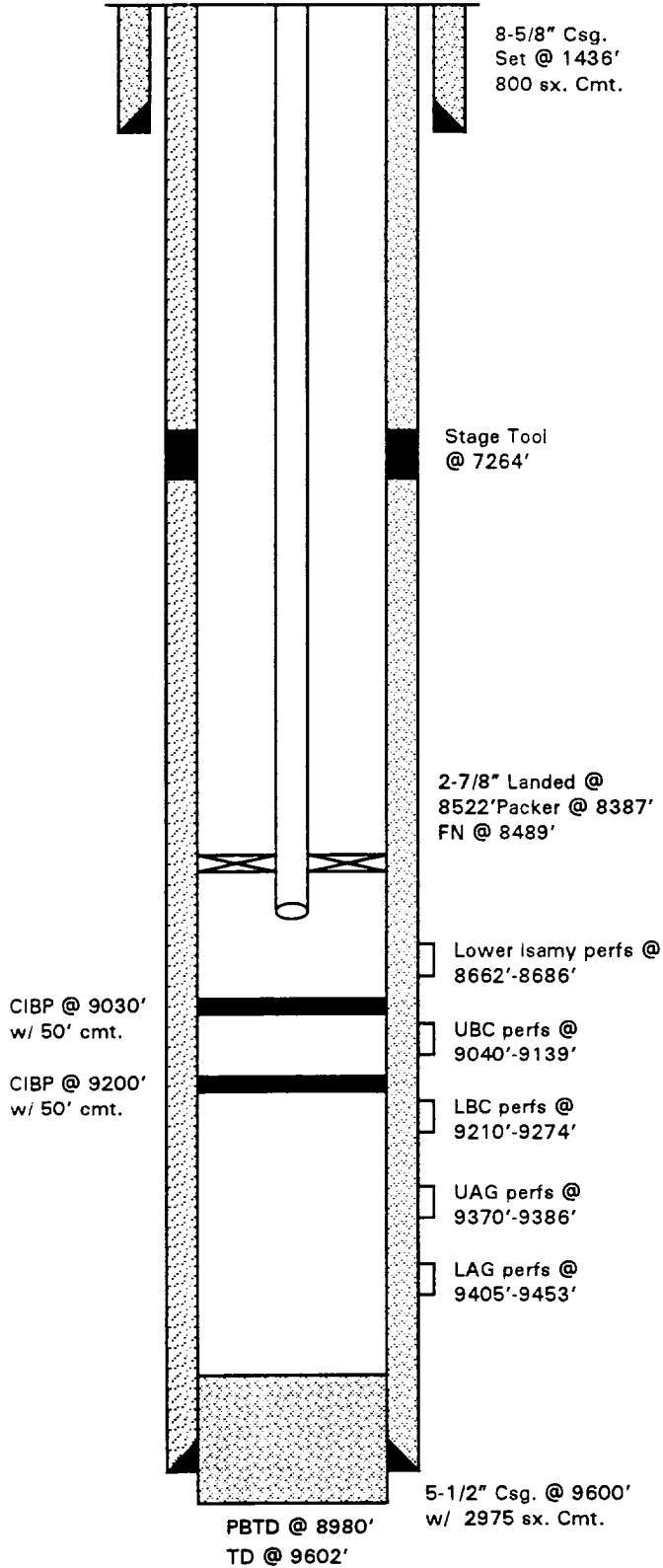
Completion History: Lower Alkali Gulch (9430'-9453'; 9405'-9423') w/ 1500-gal of 15% SWIC acid.
Upper Alkali Gulch (9370'-9386') w/ 1000-gal of 15% SWIC acid.
Lower Barker Creek (9210'-9274') w/ 2058-gal of 15% SWIC acid.
5-1/2" CIBP @ 9200' w/ 50' of cement on top.
Upper Barker Creek (9084'-9139'; 9040'-9068') w/ 2500-gal SWIC acid.
5-1/2" CIBP @ 9030' w/ 50' of cement on top.
Lower Ismay (8662'-8686') w/ 2000-gal 15% Pickle Acid, 3 stages 30# Purgel, and 3 stages of VCA acid.

Ute Mountain Ute #51
Unit K, Sec. 14, T32N, R14W
San Juan County, NM

Current

Proposed

Cmt. Top at
Surf (circ.)



8000-Gal SWIC II
Acid w/ 33% Foam.

