

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells 2-22

1. Type of Well
GAS

2. Name of Operator

**BURLINGTON
RESOURCES**

OIL & GAS COMPANY

3. Address & Phone No. of Operator

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

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

790' FNL, 790' FEL, Sec. 17, T-28-N, R-10-W, NMPM

A

5. Lease Number
SF-047039B

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Day H #2J

9. API Well No.
30-045-22873

10. Field and Pool
Aztec Fruitland Sand **ENT**
Fulcher Kutz Pict. Cliffs

11. County and State
San Juan Co, NM

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

Type of Submission

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

Type of Action

☐ Abandonment
☒ Recompletion
☒ Plugging Back
☐ Casing Repair
☒ Altering Casing
☒ Other - abandon Pictured Cliffs
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut off
☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to plug back the subject well to the Fruitland Sand formation according to the attached procedure and wellbore diagram. The Pictured Cliffs formation will be abandoned.

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

Signed *John J. Brannick* (PMP2) Title Regulatory Administrator Date 11/12/96

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

NOV 13 1996
/S/ Duane W. Spencer
DISTRICT MANAGER

NMOC

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-10
Revised February 21, 199
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-22873	Pool Code 71240/77200	Pool Name Aztec Fruitland Sd/Fulcher Kutz Pict.Cli
Property Code 6949	Property Name Day H	Well Number 2J
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	Elevation 5801'

10 Surface Location

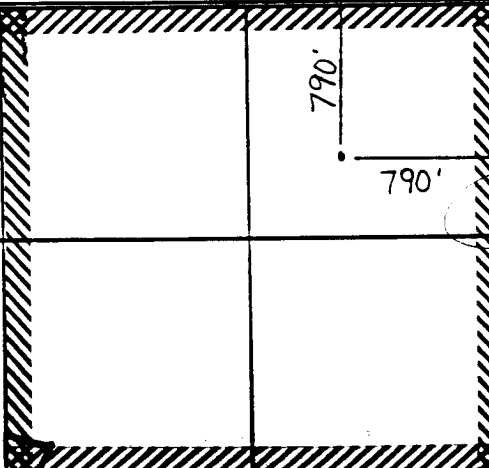
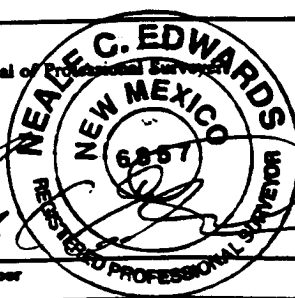
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
A	17	28-N	10-W		790	North	790	East	S.J.

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
160-160			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16 Not resurveyed, prepared from a plat by Fred B. Kerr Jr. dated 10-20-77.		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <u>Peggy Bradfield</u> Printed Name: <u>Peggy Bradfield</u> Title: <u>Regulatory Administrator</u> Date: <u>11-12-96</u>
		18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by or under my supervision, and that the same is true and correct to the best of my belief. <u>11/06/96</u> Date of Survey: _____ Signature and Seal of Professional Surveyor:  Certificate Number: _____

DAY H #2J FRTS
Workover Procedure
A 17 28 10
San Juan County, N.M.
Lat-Long: 36.677307 - 107.904678

1. Comply to all NMOCD, BLM, & MOI rules & regulations. MOL and RU completion rig. NU 6" 900 series BOP w/flow tee and stripping head. Test operation of rams. NU blooie line & 2-7/8" relief line.
2. TOH w/ 1-1/4" tbg. TIH w/4-1/2" scrapper on 2-7/8" 6.5# N-80 w/shaved collars (3.5" O.D. 2.441" I.D.) rental tbg to 1990'. TOH Run an advanced integrated data processing GSL neutron log 1990'-1600'..
3. Run 4-1/2" cmt ret on 2-7/8" tbg & set @ 1887' (run 2 jts 2-3/8" 4.7# EUE J-55 above cmt ret). Sq PC perms w/100 sx CI "B" cmt. This will fill inside csg from bottom perf to cmt retainer w/100% excess cmt. Sting out of ret & spot 2 sx cmt on top of cmt ret. Reverse out cmt & pressure test csg to 300 psi.
4. Using GSL log, Perf about 24' Fruitland Sand w/2 spf @ about 1744'-66'. Perf using 3-1/8" hollow steel carrier guns loaded w/Owen HSC 13 gm. charges phased at 180 degrees & 2 spf. Average perf dia. = 0.48". Average penetration is 18" in Berea.
5. Spot & fill 2-400 bbl. frac tanks w/2% KCL water. Filter all water to 25 microns. One tank is for gel & one tank is for breakdown water. Usable gel water required for frac is 289 bbls.
6. TIH w/4-1/2" pkr on 2-7/8" 6.5# N-80 w/shaved collars (3.5" O.D. 2.441" I.D.) rental frac string & set @ 1500'. (Run 2 jts 2-3/8" N-80 on top of pkr). Load backside w/1% KCL water. Pressure backside to 300 psi & monitor during frac job.
7. Breakdown & attempt to ball-off w/1000 gal 15% HCL acid & 120 7/8" 1.3 sp gr RCN perf balls. Lower pkr to 1770' to knock off perf balls. Reset pkr @ 1700'.
8. Fracture treat FRTS down frac string w/40,000 gals. of 70 quality foam using 30# gel as the base fluid & 60,000# 20/40 Arizona sand. Pump at 35 BPM. Monitor bottomhole & surface treating pressures, rate, foam quality, & sand concentration with computer van. Sand to be tagged w/ 0.4 mCi/1000# Ir-192 tracer. Max. pressure is 6000 psi & estimated treating pressure is 3000 psi. Treat per the folowing schedule:

Stage	Foam Vol. (Gals.)	Gel Vol. (Gals.)	Sand Vol. (lbs.)
Pad	10,000	3,000	—
1.0 ppg	10,000	3,000	10,000
2.0 ppg	10,000	3,000	20,000
3.0 ppg	10,000	3,000	30,000
Flush	(423)	(127)	0
Totals	40,000	12,000	60,000#

Shut well in after frac for six hours in an attempt to allow the gel to break. Treat frac fluid w/the following additives per 1000 gallons:

- * 30# J-48 (Guar Gel mix in full tank - 16,000 gal)
- * 1.0 gal. Aqua Flow (Non-ionic Surfactant mix in full tank)
- * 1.0# GVW-3 (Enzyme Breaker mix on fly)

DAY H #2J FRTS - RECOMPLETE TO FRUITLAND SAND

- * 1.0# B - 5 (Breaker mix on fly)
- * 5.0 gal Fracfoam I (Foamer mix on fly)
- * 0.38# FracCide 20 (Bacteriacide mix on full tank)

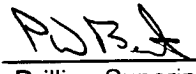
9. Open well through choke manifold & monitor flow. Flow @ 20 bbl/hr, or less if sand is observed. Take pitot gauges when possible.
10. Release pkr & TOH w/frac string. TIH w/notched collar on 1-1/4" tbg & clean out to 1800' w/air/mist.
11. Monitor gas & water returns & take pitot gauges when possible.
12. When wellbore is sufficiently clean, TOH & run after frac gamma-ray log from 1800'-1500'.
13. TIH w/1-1/4" tbg w/standard seating nipple one joint off bottom & again cleanout to 1800'. When wellbore is sufficiently clean, land tbg @ 1750' KB. Take final water & gas & rates.
14. ND BOP & NU wellhead & tree. Rig down & release rig.

Order well, J. 9/30/96

Recommended:


Production Engineer

Approve:

 9/30/96
Drilling Superintendent

VENDORS:

Wireline:	Blue Jet	325-5584
Fracturing:	BJ	327-6222
RA Tag:	Pro-Technics	326-7133

PMP

Pertinent Data Sheet - DAY H #2J

Location: 790' FNL & 790' FEL, Unit A, Section 17, T28N, R10W, San Juan County, New Mexico

Field: Fulcher Kutz PC

Elevation: 5801' GL
11' KB

TD: 2090'
PBTD: 2002'

Completed: 6/23/78

Spud Date: 5/24/78

100% SRC Trust = 100%GWI & 82.5% NRI

DP #: 37218A
Lease: Fed: SF 047039B
GWI: 66.666%
NRI: 55.9952%
Prop#:

Initial Potential: PC=AOF=1551MCF/D; Q=581MCF/D; SICP=180 psi

Casing Record:

<u>Hole Size</u>	<u>Csg Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>	<u>Cement</u>	<u>Cement (Top)</u>
12-1/4"	8-5/8"	24# K-55	137'	100 sx.	Circ Cmt
7-7/8"	4-1/2"	10.5# K-55	2033'	315 sx.	Circ Cmt

Tubing Record:

<u>Tbg. Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>
1-1/4"	N/A	1932'

Formation Tops:

Ojo Alamo:	819'
Kirtland Shale:	926'
Fruitland:	1662'
Pictured Cliffs:	1905'

Logging Record: Induction, Density

Stimulation: Perfed PC @ 1937'-42', 1946'-60', 1962'-72' w/ 1 spf & fraced w/50,000# sand in 70Q foam.

Workover History: NONE

Production history: PC 1st delivered 8/22/78. Current PC capacity is 0 MCF/D. PC cum is 186 MMCF..W/ 0MMCF booked.

Pipeline: Sunterra Gas Gathering

DAY H #2J PC

UNIT A SECTION 17 T28N R10W
SAN JUAN COUNTY, NEW MEXICO

