

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

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

1750' FNL, 990' FWL, Sec.35, T-30-N, R-12-W, NMPM

5. Lease Number
SF-077922

6. If Indian, All. or
Tribe Name

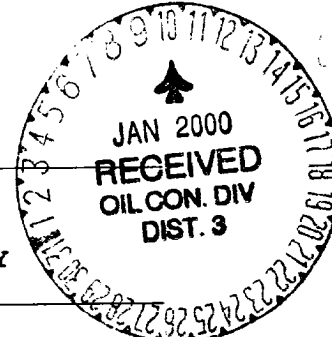
7. Unit Agreement Name

8. Well Name & Number
Hudson J. #3

9. API Well No.
30-045-11770

10. Field and Pool
Basin Fruitland Coal/
Basin Dakota

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 - Temporarily abandon Dakota

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut off
☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to recomplete the subject well in the Fruitland Coal formation according to the attached procedure and wellbore diagram. The Dakota formation will be temporarily abandoned with a bridge plug.

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

Signed Jimmy Cole (PMP2) Title Regulatory Administrator Date 12/27/99
no

(This space for Federal or State Office use)

APPROVED BY Chip Haraden Title Acting Team Lead Date 1/6/00
CONDITION OF APPROVAL, if any:

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.

HOLD ON FOR EC NSL

NMOCD

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-102
Revised February 21, 1994
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 30-045-11770		Pool Code 71629/71599	Pool Name Basin Fruitland Coal/Basin Dakota	
Property Code 18553	Property Name Hudson J.			Well Number 3
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			Elevation 5857' GR

¹⁰ Surface Location

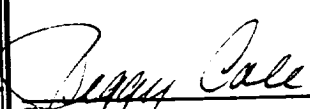
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	35	30N	12W		1750'	North	990'	West	SJ

¹¹ Bottom Hole Location If Different From Surface

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

¹² Dedicated Acreage FTC-W/320 DK-W/320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

<div>¹⁶</div> <div>1750'</div> <div>275'</div> <div>Original plat from E.V.Echohawk 3-31-66</div>	<div>¹⁷ OPERATOR CERTIFICATION</div> <div>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</div> <div></div> <div>Signature</div> <div>Printed Name Peggy Cole</div> <div>Title Regulatory Administrator</div> <div>Date</div>	
	<div>¹⁸ SURVEYOR CERTIFICATION</div> <div>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me, or under my supervision, and that the same is true and correct to the best of my belief.</div> <div>Date of Survey</div> <div>Signature and Seal of Professional Surveyer:</div>	
	Certificate Number	

HUDSON J #3 FRTC
Workover Procedure
E 35 30 12
San Juan County, N.M.
Lat-Long: 36 – 46.29 & 108 – 4.36

PROJECT SUMMARY: Temporarily abandon the Dakota and recompleate to the Fruitland Coal in this 1966 vintage well. The FRTC will be foam fraced through a frac string.

1. Comply to all NMOCD, BLM, and BROG rules and regulations. MOL and RU completion rig. NU BOP w/flow tee and stripping head. NU blooie line and 2-7/8" relief line.
2. TOH w/1-1/2" tbg & lay down. TIH w/4-1/2" csg scrapper on on 2-3/8" tbg to 2100'. TOH.
3. MI Blue Jet. Set 4-1/2" top drillable BP @ ⁶⁴⁰⁰2100' on wireline. Load hole w/1% KCL water & pressure test 4-1/2" csg and BP to 500 psi. Run CBL from 2100' (stg tool @ 2148') to top of cmt in 4-1/2" csg and an advanced integrated data processed GSL neutron log 2100'-1600' and correlate to attached open hole log. Pressure csg to 1000 psi if necessary to see bond. Hot-shot logs to Mike Pippin (326-9848) so perms can be picked.
4. TIH w/2-3/8" tbg open ended and spot 150 gal 15% HCL acid 1978'-1760'
All acid on this well to contain the following additives per 1000 gal:

2 gal	CI-22	corrosion inhibitor
5 gal	Ferrotrol-300L	iron control
1 gal	Flo-back 20	Surfactant
0.5 gal	Clay Master-5C	clay control
5. Using GSL log, Perf about 40' of FRTC w/2 spf from about 1978' to 1760'. Perf using 3-1/8" hollow steel carrier guns loaded w/Owen HSC 13 gm. charges phased at 90 degrees. Average perf dia. = 0.48". Average penetration is 18" in Berea.
6. Spot and fill 3-400 bbl. frac tanks w/1% KCL water. If necessary, filter all water to 25 microns. Two tanks are for gel and one tank for breakdown water. Usable water required for frac is 717 bbls.
7. 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 (run 2 jts 2-3/8" N-80 on top of pkr).and set 200' above top perf. W/ 500 psi on annulus, breakdown and attempt to balloff FRTC perms w/1500 gal 15% HCL acid and 150% excess RCN 7/8" 1.3 sp gr perf balls. Use same acid additives as in step #4. Max. pressure is 4550 psi. Lower pkr to 1990' to knock off perf balls. Reset pkr 50' above top perf.
8. Fracture treat FRTC down frac string w/100,000 gals. of 70 quality foam using 20# gel as the base fluid and 200,000# 20/40 Arizona sand. Pump at 40 BPM. Monitor bottomhole and surface treating pressures, rate, foam quality, and sand concentration with computer van. Sand to be tagged w/ 3 RA tracers. Max. pressure is 6000 psi and estimated treating pressure is 5156 psi. (Pipe friction is 3982 psi @ 50 BPM). Treat per the following schedule:

HUDSON J #3 FRTC – RECOMPLETE TO FRUITLAND COAL

<u>Stage</u>	<u>Foam Vol. (Gals.)</u>	<u>Gel Vol. (Gals.)</u>	<u>Sand Vol. (lbs.)</u>
Pad	20,000	6,000	—
1.0 ppg	20,000	6,000	20,000
2.0 ppg	20,000	6,000	40,000
3.0 ppg	20,000	6,000	60,000
4.0 ppg	20,000	6,000	80,000
Flush	(413)	(123)	0
Totals	100,000	30,000	200,000#

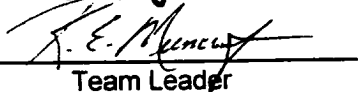
Shut well in after frac for 4 hours to allow the gel to break. Treat frac fluid w/the following additives per 1000 gallons:

* 20# 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# GWW-3	(Enzyme Breaker mix on fly)
* 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 and monitor flow. Flow @ 20 bbl/hr, or less if sand is observed. **Take pitot gauges when possible.**
10. Release pkr and TOH w/frac string. TIH w/notched collar on 2-3/8" tbg and clean out to 2100' w/air/mist.
11. Monitor gas and water returns and **take pitot gauges when possible.**
12. When wellbore is sufficiently clean, TOH and run after frac gamma-ray log and perf eff. log from 2100'-1600'.
13. TIH w/2-3/8" tbg w/standard seating nipple one joint off bottom and again cleanout to 2100'. When wellbore is sufficiently clean, land tbg @ 1960' KB. **Take final water and gas rates.**
16. ND BOP and NU wellhead and tree. Rig down and release rig.

Recommended: 
Production Engineer

Approved: 
Drilling Superintendent

Approved: 
Team Leader

VENDORS:

Wireline:	Blue Jet	325-5584
Fracturing:	Howco	325-3575
RA Tagging:	Pro-Technics	326-7133
Packers:	Schlum.	325-5006

PMP

HUDSON J #3 FRTC

UNIT E SECTION 35 T30N R12W
SAN JUAN COUNTY, NEW MEXICO

