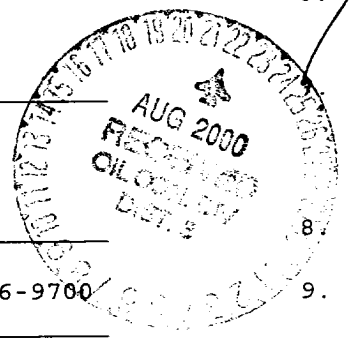
Submitted in lieu of Form 3160-5

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**
   1450'FSL, 1160'FEL, Sec.31, T-28-N, R-9-W, NMPM

5. **Lease Number**
   SF-077107-A
6. **If Indian, All. or Tribe Name**
7. **Unit Agreement Name**
8. **Well Name & Number**
   Hancock B #5E
9. **API Well No.**
   30-045-24078
10. **Field and Pool**
    Basin FTC/Basin DK
11. **County and State**
    San Juan Co, NM

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

Type of Submission	Type of Action		
_X_ Notice of Intent	___ Abandonment	___ Change of Plans	
	_X_ Recompletion	___ New Construction	
___ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing	
	___ Casing Repair	___ Water Shut off	
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection	
	_X_ Other - P&A Dakota		

13. Describe Proposed or Completed Operations

It is intended to plug the Dakota formation of the subject well and recomplete in the Fruitland Coal formation according to the attached procedure.

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

Signed Tammy Wimsatt for Title Regulatory Supervisor Date 7/13/00
TLW

(This space for Federal or State Office use)
APPROVED BY _____ Title _____ Date 8/18/00
CONDITION OF APPROVAL, if any:

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

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

[1] API Number	[2] Pool Code	[3] Pool Name
30-045-24078	71629/71599	Basin Fruitland Coal/Basin Dakota

[4] Property Code	[5] Property Name	[6] Well Number
7078	Hancock B	5E

[7] OGRID No.	[8] Operator Name	[9] Elevation
14538	Burlington Resources Oil & Gas Company	6094'GL

[10] Surface Location

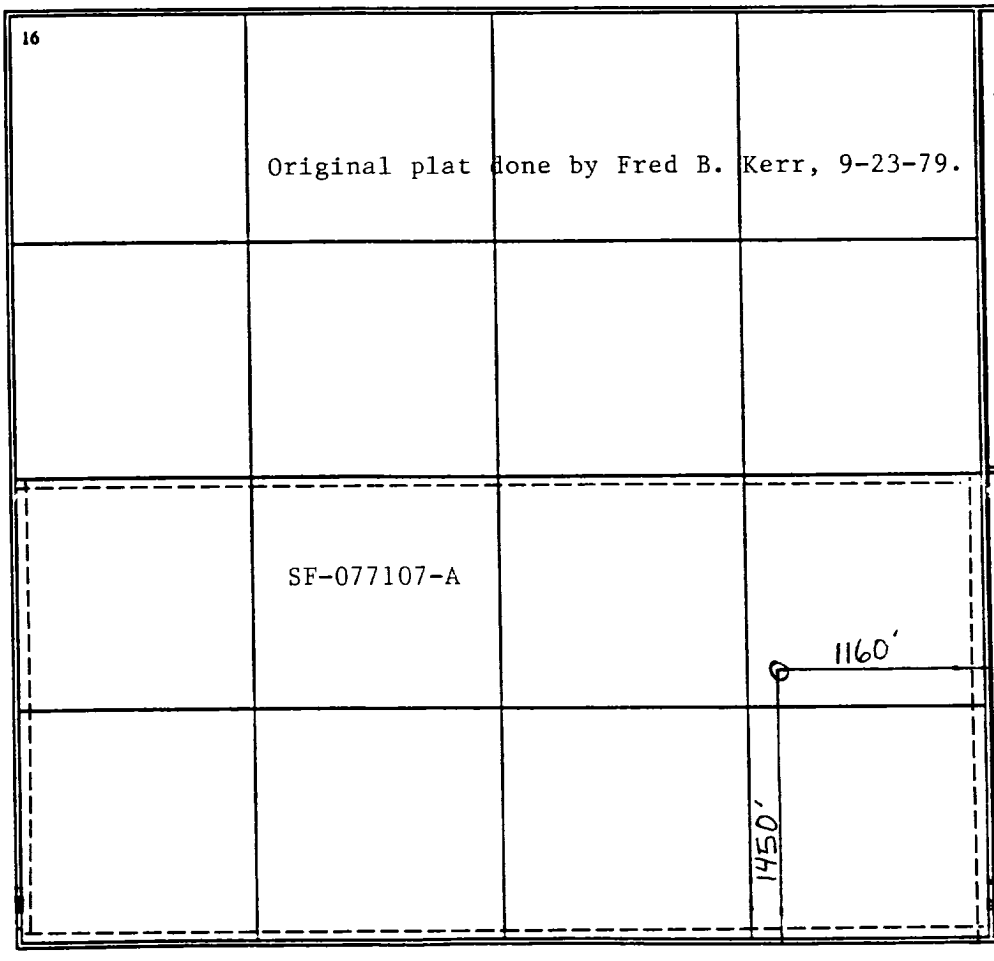
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	31	28N	9W		1450	South	1160	East	San Juan

[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 Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
~~320.97~~ 302.97			

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



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Tammy Wimsatt
Signature

Peggy Cole
Printed Name

Regulatory Administrator
Title

8-14-00
Date

[18] SURVEYOR CERTIFICATION

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.

Date of Survey

Signature and Seal of Professional Surveyer:

Certificate Number

Hancock B #5E

P & A the Dakota and Recomplete in the Fruitland Coal
AIN: 5056001
1450' FSL and 1160' FEL, Section 31, T-28-N, R-9-W
San Juan Co., New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test location rig anchors if necessary. Prepare blow pit. Comply with all NMOCD, BLM, and Burlington safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief lines and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.

***** P&A Procedure *****

2. Plug #1 (Dakota Interval, 6470' – 6370'): PU 4 joints tubing workstring and tag CIBP at 6470'. Load casing with water and circulate well clean. Establish rate into casing leak. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 12 sxs Class B cement and spot a balanced plug above the CIBP to isolate Dakota perforations and cover top. PUH to 5674'.

3. Plug #2 (Gallup top, 5674' – 5574'): Mix 12 sxs Class B cement and spot a balanced plug inside casing to cover the Gallup top. PUH to 3744'.

4. Plug #3 (Mesaverde top, 3744' – 3644'): Mix 20 sxs Class B cement, (increased cement due to casing leak), and spot a balanced plug inside casing to cover the Mesaverde top. PUH to 2205'.

5. Plug #4 (Chacra tops, 3114' – 3014'): Mix 12sxs Class B cement and spot a balanced plug inside casing to cover Chacra tops. TOH. WOC.

***** Stage One *****
<u>Lower Coal</u>

6. Run fluid tests on water. Filter water based upon stimulation company solids water analysis. Contact Production Engineer and discuss stimulation water source and quality. Inspect wellsite, verify and report wellhead size and pressure rating. Mark location with flagging for tank spotting. Spot four (4) frac tanks and fill w/ 2% KCl water. Put one load of fresh water in each tank before adding 2% concentrated KCl water. Set location proppant container and fill with sand.

7. RU wireline. Set 4-1/2" top drillable BP at 2202' on wireline. Pressure test 4-1/2" csg and BP to 1000 psi. Run GR, CNL, and CBL from 2200' to 1200'. Pressure csg to 1000 psi if necessary to see bond. Hot-shot logs to Production Engineer so perfs can be picked.

8. RU stimulation company. Pressure test casing to 3800 psi (80% of burst). RD stimulation company.

9. RU wireline company with packoff. Perf approximately 25' of FTC w/ 2 SPF. 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. RD wireline company.

10. NU 4-1/16" 5000 psi full bore frac valve. Check pressure ratings on complete wellhead to ensure all fittings are rated to at least 5000 psi. Lay flowback line to pit.

11. RU stimulation company. Pressure test surface lines to 4800 psi. Breakdown perforations at 10 BPM with 1000 gals 10% Formic Acid. Pump 2 bbl acid. drop 100 7/8" 1.3 SG balls at 4 balls per barrel until 20 bbls of acid are pumped. Spin the ball gun out during remainder of acid (1BBL) to empty ball gun. Displace acid with 2% KCl water to bottom perforation. Balloff to maximum pressure of 3800 psi. Record breakdown pressure, ball action, and ISIP. RD stimulation company.

12. RU wireline company with packoff. RIH with junk basket. Knock off balls and POOH. Record total ball recovery and number of hits. RD wireline company.

13. RU stimulation company to frac down 4-1/2" casing. Hold pre-job safety meeting with all personnel on location. Pressure test surface lines to 4800 psi prior to stimulation. Fracture stimulate in 1.0 to 5.0 ppg stages at 50 BPM constant downhole rate 20# gel, Delta Foam, Sandwedge and 100,000# 20/40 mesh Arizona sand. **Maintain a bottom hole frac gradient of 1.10 psi/ft throughout job**. Tag sand with Sb124 isotope. When sand is in hopper and the concentration begins to drop, call flush. Flush to top perf with +/- 32 Bbls. Maximum surface treating pressure is 3800 psi. Monitor bottomhole treating pressure, surface treating pressure, downhole rate, foam quality, and sand concentration with computer van. Treat per the following schedule:

Stage	Fluid Volume (gal)	CONC	Sand Volume (lbs)	Type
1 - Pad	17,000		0	
2 - SLF	5,000	1 #/gal	5,000	20/40 Arizona
3 - SLF	5,500	2 #/gal	11,000	20/40 Arizona
4 - SLF	5,500	3 #/gal	16,500	20/40 Arizona
5 - SLF	7,500	4 #/gal	30,000	20/40 Arizona
6 - SLF	7,500	5 #/gal	37,500	20/40 Arizona
7 - Flush	1,400			
Totals	**49,400**		**100,000**	

14. Shut well in for one hour after frac and record ISIP. After ISIP is recorded, RD stimulation company.

15. RU wireline under lubricator. Set 4-1/2" top drillable BP at 2100' on wireline. RD wireline.

16. Install MB isolation tool and pressure test casing to 3800 psi for 15 minutes. TIH w/ 2-3/8" tbg and spot 100 gals of 10% Formic Acid across upper FTC perfs which will be determined. TOH.

17. Fill 4- 400 bbl. frac tanks with 2% KCl water. If necessary, filter all water to 25 microns.

***** Stage Two *****
Upper Coal

18. Perforate approximately 25' of upper FTC w/ 2 SPF as determined by the Production Engineer. 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.

19. NU 4-1/16" 5000 psi full bore frac valve. Check pressure ratings on complete wellhead to ensure all fittings are rated to at least 5000 psi. Lay flowback line to pit.

20. RU stimulation company. Pressure test surface lines to 4800 psi. Breakdown perforations at 10 BPM with 900 gals 10% Formic Acid. Pump 2 bbl acid. drop 100 7/8" 1.3 SG balls at 5 balls per barrel until 18 bbls of acid are pumped. Spin the ball gun out during remainder of acid to empty ball gun. Displace acid with 2% KCl water to bottom perforation. Balloff to maximum pressure of 3800 psi. Record breakdown pressure, ball action, and ISIP. RD stimulation company.

21. RU wireline company with packoff. RIH with junk basket. Knock off balls and POOH. Record total ball recovery and number of hits. RD wireline company.

22. RU stimulation company to frac down 4-1/2" casing. Hold pre-job safety meeting with all personnel on location. Pressure test surface lines to 4800 psi prior to stimulation. Fracture stimulate in 1.0 to 5.0 ppg stages at 50 BPM constant downhole rate 20# gel, Delta Foam, Sandwedge and 100,000# 20/40 mesh Arizona sand. **Maintain a bottom hole frac gradient of 1.10 psi/ft throughout job**. Tag sand with Ir192 isotope. When sand is in hopper and the concentration begins to drop, call flush. Flush to top perf with +/- 30 Bbls. Maximum surface treating pressure is 3800 psi. Monitor bottomhole treating pressure, surface treating pressure, downhole rate, foam quality, and sand concentration with computer van. Treat per the following schedule:

Stage	Fluid Volume (gal)	CONC	Sand Volume (lbs)	Type
1 - Pad	17,000		0	
2 - SLF	5,000	1 #/gal	5,000	20/40 Arizona
3 - SLF	5,500	2 #/gal	11,000	20/40 Arizona
4 - SLF	5,500	3 #/gal	16,500	20/40 Arizona
5 - SLF	7,500	4 #/gal	30,000	20/40 Arizona
6 - SLF	7,500	5 #/gal	37,500	20/40 Arizona
7 - Flush	1,400			
Totals	**49,400**		**100,000**	

23. Open well through choke manifold and monitor flow. Flow at 20 bbl/hr, or less if sand is observed. **Take pitot gauges when possible.**

24. TIH w/ 3-7/8" bit on 2-3/8" tbg and CO w/air/mist to BP at 2100'. Monitor gas and water returns and **take pitot gauges when possible.** When well is sufficiently clean, drill BP at 2100'. Clean out to BP at 2202' w/air/mist. Monitor gas and water returns and **take pitot gauges when possible.**

25. TIH w/2-3/8" tbg w/standard seating nipple one joint off bottom and again cleanout to 2202'. When wellbore is sufficiently clean, land tbg at 2180' KB. **Take final water and gas rates.**

26. ND BOP and NU wellhead and tree. Rig down and release rig.

27. Run after frac gamma-ray log from 2202' - 1700'.

Recommended: _____
Reservoir Engineer

Approved: _____
Team Leader

Approved: _____
Drilling Superintendent

VENDORS:

Wireline:	BWWC	326-6669
Fracturing:	Howco	325-3575
RA Tagging:	Pro-Technics	326-7133

LJB