submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

FM 2:22

1. **Type of Well**
GAS

5. **Lease Number**
NM-01772A

6. **If Indian, All. or Tribe Name**

7. **Unit Agreement Name**

2. **Name of Operator**
BURLINGTON RESOURCES OIL & GAS COMPANY

8. **Well Name & Number**
Reid A #1M

3. **Address & Phone No. of Operator**
PO Box 4289, Farmington, NM 87499 (505) 326-9700

9. **API Well No.**
30-045-24497

4. **Location of Well, Footage, Sec., T, R, M**
1510'FSL, 2390'FEL, Sec.13, T-29-N, R-10-W, NMPM

10. **Field and Pool**
Otero Chacra/
Blanco MV/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 - trimingle		

13. **Describe Proposed or Completed Operations**

It is intended to recomplete the subject well in the Chacra formation and trimingle the Chacra, Mesaverde, and Dakota formations according to the attached procedure. An application will be made to trimingle and for a non-standard location.

MAR 2001

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

Signed Peggy Cole Title Regulatory Supervisor Date 12/12/00

TLW

(This space for Federal or State Office use)
APPROVED BY _____ Title _____ Date MAR 13

CONDITION OF APPROVAL, if any:

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
30-045-24497	82329/72319/71599	Otero Chacra/BLanco Mesaverde/Basin Dakota

⁴ Property Code	⁵ Property Name	⁶ Well Number
7417	Reid A	1M

⁷ OGRID No.	⁸ Operator Name	⁹ Elevation
14538	Burlington Resources Oil & Gas Company	5668' GR

¹⁰ Surface Location

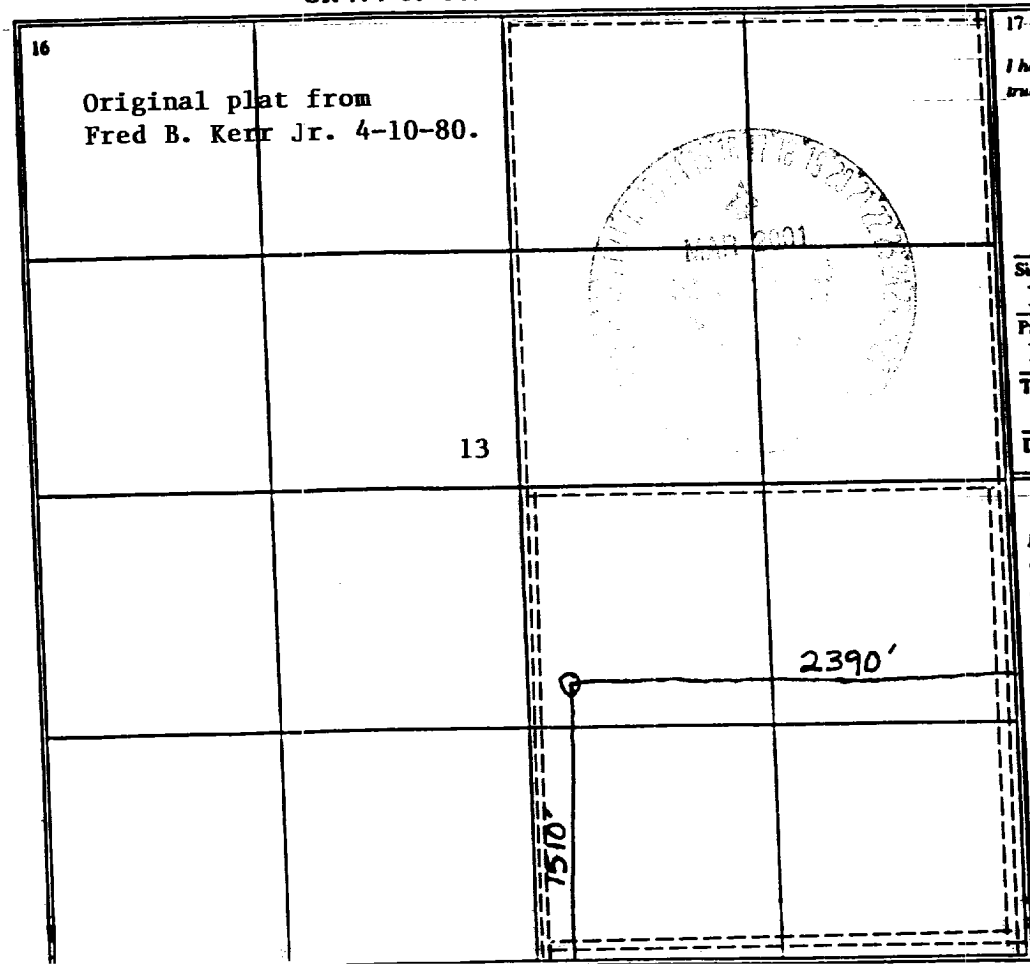
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	13	29N	10W		1510	South	2390	East	San Juan

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.
CH: SE/ 155.50 MV/DK: E/320			

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

Signature
Peggy Cole
Printed Name
Regulatory Supervisor
Title
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

Reid A #1M

Chacra Recompletion Procedure
1510' FSL, 2390' FEL
J - 13 - 29N - 10W
San Juan County, New Mexico
LAT: 36 DEG 43.34' LONG: 107 DEG 50.07'

Summary:
Lewis pay is going to be added to the existing Menefee, Point Lookout, and Dakota production. The Lewis will be hydraulically fracture stimulated in one stage with 200,000# 20/40 sand and a 75 quality 20# linear gel foam. Foam is used to limit the fluid damage to the Lewis by reducing liquid volumes and by aiding in the liquid recovery during the flowback.

- Comply with all BLM, NMOCD, and BR rules and regulations.
- Hold safety meetings.
- Place fire safety equipment in strategic locations.
- Inspect location and test rig anchors.
- Dig flowback pit or set flowback tank.
- Set and fill 3-400 BBL Frac tanks w/ 2% KCl water. Test and filter if necessary.

Equipment Needed:

3 -- Frac Tanks with 2% KCl water
1 -- 5-1/2" Packer w/ Bypass
2 -- 5-1/2" RBP
2500 gals Acetic Acid (750 spot, 1750 breakdown)

PROCEDURE:

1. MIRU. Record and report SI pressures on tubing, casing, and bradenhead. Lay blowdown line and blow well down. Kill well with 2% KCl water. ND WH, NU BOP. Test and record operation of rams. NU blooie line and 2-7/8" relief line. Redress production wellhead as needed.

2. TOOH w/ 2-3/8" tubing set at +/- **6,610'** and stand back. Inspect tubing and replace bad tubing as necessary. (If existing tbg. is scaled-up, contact production engineer to determine an acid treatment.)

3. PU and TIH w/ 5-1/2" RBP on 2-3/8" tubing. Set RBP @ **3,420'** . Load hole w/ 2% KCl water and spot 18 BBLS of Acetic Acid** from the RBP @ + **3,420'** to above the top perf. TOOH w/ tubing.

** All Acid to contain the following additives/ 1000 gal:

1000 gal	10%	Acetic Acid
2 gal	MSA II	corrosion inhibitor
5%	NH4CL	clay control

4. RU wireline. RIH w/ CBL/CCL/GR and correlate to the attached Induction/GR log. Log from 3,420' to the TOL. Send the log to drilling and Michele Quisel.

5. Pressure test casing and RBP to **3,300** psi from surface.

6. Correlate to CBL/CCL/GR and then perforate the Lower Lewis Shale interval with 3-1/8" HSC w/ 3125-306T charges. These are 12 gram charges with a 0.30" hole and 17.5" penetration. Shoot **60** holes top down @ 1 shot per 2 feet at 120° Phase in Acetic Acid at the following depths:

2724-34, 2757-67, 2842-52, 2905-15,
3010-20, 3105-15, 3181-91, 3215-25,
3300-10, 3350-60

RD wireline.

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7. TIH with 5-1/2" RBP, on/off tool and 5-1/2" packer w/ a bypass on 2-3/8" tubiing. Set RBP at RBP setting depth. PUH + 10 ft and set Packer. RU stimulation company and pressure test RBP and lines to **3,300** psi. Release packer, and reset packer at Packer Setting Depth. Open the bypass and circulate the acid to the top of the packer. Close the bypass. Breakdown perforations and establish an injection rate between 8 and 10 BPM with 333 gals of Acetic Acid + 5% NH4Cl **. Breakdown to the Max pressure of **3,300** psi. Release packer and RBP. Repeat for the remaining intervals.

RBP Setting Depth	Packer Setting Depth	Perforation Interval
3,400'	3,260'	3300-10, 3350-60
3,260'	3,140'	3181-91, 3215-25
3,150'	2,970'	3010-20, 3105-15
2,950'	2,800'	2842-52, 2905-15
2,810'	2,680'	2724-34, 2757-67

8. TOOH w/ RBP, Packer, and 2-3/8" tubing and stand back.

9. NU appropriate wellhead isolation tool and stim co. pressure test lines to 4,300 psi. Fracture stimulate in 1.0 to 3.0 ppg stages @ 40 BPM constant downhole rate with 75Q N2 foamed 20# linear gel and 200,000 lbs. 20/40 mesh sand. When sand concentration begins to drop, call flush. Flush to 100' above top perf with 75Q foam. **Frac is to be tagged with 3 RA Tracers.** Refer to frac schedule enclosed. Maximum treating pressure is **3,300** psi.

10. Record ISIP, 5, 10 and 15 min. shut-in pressure. Shut-in frac valve. RD stimulation company. Install flowback line above frac valve. Lay flowback line to dual-choke manifold and pit. Begin flowback after stimulation company has rigged down from frac valve. Open well to pit in accordance with the flowback schedule listed in the table below. Do not shut well in during flowback. When schedule dictates a larger choke size, open ball valve upstream of adjustable choke and open adjustable choke on manifold to pre-determined size listed in table and begin flowing through adjustable choke. Close ball valve upstream of positive flow bean and change out flow bean to next larger size in table. Open ball valve upstream of positive flow bean and begin flowing. Close ball valve upstream of adjustable choke and close adjustable choke.

10/64" Choke	Approximately 2 hrs.
12/64" Choke	Approximately 2 hrs.
14/64" Choke	Approximately 2 hrs.
16/64" Choke	Approximately 3 hrs.
18/64" Choke	Approximately 3 hrs.
20/64" Choke	Approximately 3 hrs.
22/64" Choke	Approximately 3 hrs.
24/64" Choke	Approximately 3 hrs.
32/64" Choke	Approximately 3 hrs.

NOTE: Follow this schedule to utilize a 24+ hour flowback. If well begins to slug or make large amounts of sand to surface, drop to next lower choke size. If well begins to taper off in liquid production (mostly N2), change to next larger choke size before time schedule dictates.

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11. PU and TIH w/ retrieving tool on 2-3/8" 4.7# J-55 tubing and CO to RBP @ +/- **3,420'** When well is sufficiently clean, gauge the Lewis interval for one hour. Obtain an accurate pitot gauge for the Lewis interval. Recover the RBP at ± **3,420'** and TOOH.

12 PU 4-3/4" bit and CO to PBTD. TOOH w/ 4-3/4" mill and 2-3/8" 4.7# J-55 tubing.

13. TIH w/ 2-3/8" 4.7# J-55 production tubing. Broach in tubing on sandline. TIH w/ one joint of 2-3/8" 4.7# J-55 tubing w/ expendable check, seating nipple, then remaining 2-3/8" production tubing. Land tubing @ +/- **6,610'** .

14. ND BOP's, NU wellhead. Pump off expendable check. Obtain a final pitot up tubing. If well will not flow on it's own, make swab run to seating nipple. If swab run is not necessary, RD and MOL.

15. RU Pro-Technics. Run After Frac Log across Lewis. RD Pro-Technics.

Approve: R Quinn 11/17/2000
Team Leader

Approve: Bruce W. Boyd 11-20-00
Drilling Superintendent

Recommend: Michele Quisel 11-17-00
Production Engineer

Approve: Peggy Bradfield 11-22-00
Regulatory
S/N needed
NSL ?

Michele Quisel Work: 324-6162 Pager: 326-8196 Home: 564-9097