submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

RECEIVED
03 JUN 17 PM 12: 20
070 Farmington, NM

1. **Type of Well**
GAS

5. **Lease Number**
NMSF-080511

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

7. **Unit Agreement Name**

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

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

8. **Well Name & Number**
Harrington #7

9. **API Well No.**
30-039-23792

4. **Location of Well, Footage, Sec., T, R, M**
1490'FNL, 1520'FEL, Sec.31, T-27-N, R-7-W, NMPM

10. **Field and Pool**
Otero Cha/Blanco MV

11. **County and State**
Rio Arriba 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 Menefee		

13. Describe Proposed or Completed Operations

It is intended to recomplete the subject well in the Chacra formation and plug the Menefee portion of the Mesaverde during the well recompletion. Attached is a C-102 plat and a revised procedure. The well will then be commingled. A down hole commingle application has been submitted for approval.

Please cancel our sundry to recomplete the Chacra approved on 2-4-03.

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.

JUN 2003
RECEIVED
OIL CONS. DIV.
DIST. 3

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

Signed Peggy Cole Title Regulatory Supervisor Date 6/18/03
no

(This space for Federal or State Office use)
APPROVED BY /s/ Jim Lovato Title _____ Date JUN 26 2003
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.

NMOCD

[redacted]

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-102

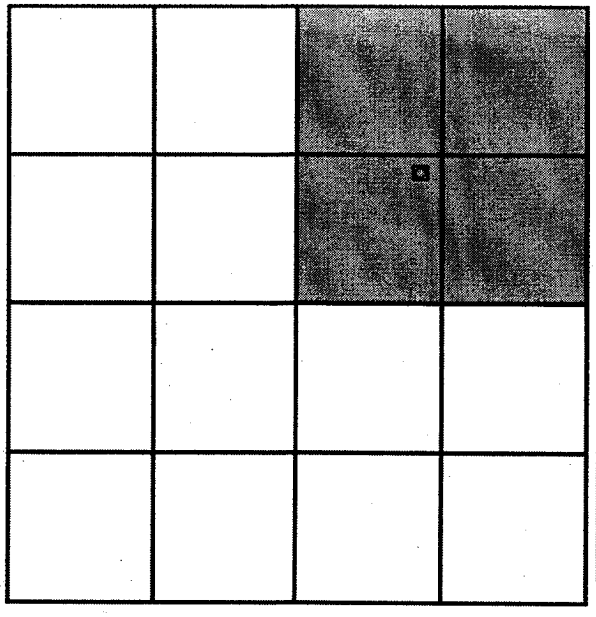
WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Name	Pool Code
	OTERO CHACRA (GAS)	82329
Property Code	**Property Name**	**Well No.**
7094	HARRINGTON	007
OGRID No.	**Operator Name**	**Elevation**
14538	Burlington Resources Oil and Gas Company	6629

Surface And Bottom Hole Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
G	31	27N	07W		1490	N	1520	E	Rio Arriba

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160			



OPERATOR CERTIFICATION

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

Electronically Signed By: Peggy Cole
Title:
Date: 6-18-03

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.

Electronically Signed By: Fred Kerr
Date of Survey: 6/27/1985
Certificate Number: 3950

WELL HISTORY:

The Harrington #7 was originally completed in 1985 from the Middle and Lower Pointlookout. In June 2001, the Upper Pointlookout & Menefee portions of the MV were added as an extreme step-out test of the existing prospective Menefee line. The Menefee proved to be wet in this location, and its water production overpowered the gas production from the Point Lookout. The well had been making approximately 45 mcfd prior to the payadd , with approximately 224 MMCF in remaining PDP reserves.

PROJECT OBJECTIVE:

The objective for this project is to plug and abandon the Menefee and add the Chacra zone to the existing Mesa Verde interval. The Menefee will be squeezed through a retainer, which will serve as the isolation between the Mesaverde and Chacra zones. Cement circulated off the liner top in this well; therefore a CBL will not be required. The Chacra will be perforated and then stimulated with 75 Q 20# LG foam frac down a 2-7/8" frac string. After stimulation and flowback the Chacra will be placed on production for approximately 6 months. A rig will then move back on the well to clean out to PBTD and restore production to the remaining Mesaverde interval.

WELLBORE PREPARATION:

Deliver to location following equipment:

1.	One (1) 4-1/2", 10.5# tubing set cement retainer
2.	One (1) 4-1/2" 10.5# tubing set CIBP
3.	One (1) 7" tension packer
4.	One (1) BR approved wellhead isolation tool
5.	2600' of 2-7/8" 6.4# J55 workstring to frac down
6.	300' of 2-3/8", 4.7#, J55 EUE 8rd tubing for cleanout and replacement tubing.

1. Coordinate with lease operator to catch plunger and retrieve bumper spring on slickline, if necessary. Set tubing stop just above SN located at 5413'.

2. MIRU completion rig. Comply with all BR, BLM, and NMOCD rules and regulations. Record tubing and casing pressures. RU blow lines from casing valves and begin blowing down casing pressure. Keep as little fluid as possible on the formations during pressure control.

3. ND upper tree assembly, and NU BOP. Change pipe rams and handling tools to 2-3/8". RU blooie line from BOP. Repair or replace any leaking or damaged valves on wellhead.

4. Pump water through casing valve to kill annulus and prepare to strip out tubing hanger. Back out jam nuts and remove tubing hanger. TOOH with and LD 5445' of 2-3/8" tubing string, seating nipple located @ 5413, and visually inspect tubing string. Report condition of tubing on DFW report and type of scale, if any.

5. MU 4-1/2" CIBP & RIH on tubing and set CIBP at 5040' (top Point Lookout perf at 5065'). POOH.

6. MU 4-1/2" tubing set cement retainer and RIH to +/-4600, circulate tubing volume through retainer to ensure tubing and retainer are clear of debris. Set retainer, shift and pressure test tubing to 3000 psi, shift retainer and establish an injection rate. Pump 150 sxs of neat cement. Displace cement to within 1 bbl of retainer, sting out of retainer and reverse circulate tubing volume and continue until returns are clean. POOH. WOC.

HARRINGTON #7

7. PU 7" packer on 2-3/8" tubing and TIH and set packer at 2300' in order to test casing below squeeze holes. Pressure test surface lines to 4000 psi for 5 minutes, pressure test casing and retainer top to 3000-psi for 15 minutes. If the pressure test fails begin leak isolation, a cement squeeze procedure will be forth coming from the engineer. If the casing pressure test holds continue with Chacra stimulation. Release packer and TOOH with tubing and packer and LD packer.

CHACRA STIMULATION:

8. RU wireline company. Correlate GR/CCL to attached GR log. Under lubricator, RIH with 3-1/8" HSC casing gun. Select fire perforate Chacra with 1 SPF, 0.33" diameter, 25.89" penetration, 12 gram charges (GOEX XII-GM) at the following depths:

3405	3447	3545	3630	3686	3735	3740	3744	3770	3792
3807	3812	3919	3922	3931	3945	3947	3966	4072	4080
4120	4130	4152	4170	4221	4257				
(26 total holes)									

ND wireline. Inspect casing gun to ensure all perforations fired.

9. PU 2-7/8" frac string and 7" packer. TIH and set packer at 2550'

10. NU frac valve, NU stimulation company, pressure test surface lines to 7000 psi for 5 minutes. Maximum treating pressure is 6000-psi at max treating rates. Max pressure is 3000# at static conditions. Prepare to breakdown perforations. Bullhead 500 gal of 15% HCl into perforations to establish injection rate at maximum treating pressure.

11. Fracture stimulate the Chacra interval per attached schedule. Increase injection rate above scheduled rate if pressure and equipment will allow ensuring maximum fluid diversion. Flush to within 200' of top perforation. Cut rate throughout flush as pressure allows. Shut down and record ISIP. ND and release stimulation company.

12. RU to flow back Chacra interval until well cleans up or dies utilizing a BR approved choke manifold. Begin with a small choke size and let the well dictate increasing or decreasing choke size. 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.

13. RD BR approved isolation tool. Release 7" packer and TOOH with 2-7/8" tubing and packer and LD. PU 2-3/8" tubing with 3-7/8" bit/mill and stage in hole and clean out to retainer located at +/-4600'. **(Do not drill out retainer).** A pitot gauge is not necessary. Clean up to less than 5 BPH water and trace of sand. When water rates are less than 5 BPH and sand volumes are acceptable, TOOH & LD bit.

14. PU expendable check, one joint of tubing, seating nipple and 2-3/8" tubing to surface. Land tubing at +/- 4200'. ND BOP, NU wellhead. Pump off expendable check, pitot well up tubing and record in DFW report. **During cleanout operations the reservoir may be charged with air. As a result of excess oxygen levels that may be in the reservoir and/or wellbore, contact the Lease Operator to discuss the need for determining oxygen levels prior to returning the well to production.**

15. Secure location, RD, and MOL.

HARRINGTON #7

MV PRODUCTION RESTORATION:

16. Chacra production will be evaluated for a period of 4-6 months. Following this evaluation period, MIRU completion rig. Comply with all BR, BLM, and NMOCD rules and regulations. Record tubing and casing pressures. RU blow lines from casing valves and begin blowing down casing pressure. Keep as little fluid as possible on the formations during pressure control.

Deliver to location following equipment:

1.	1300' of 2-3/8", 4.7#, J55 EUE 8rd tubing for cleanout and replacement tubing.

17. ND upper tree assembly, and NU BOP. Change pipe rams and handling tools to 2-3/8". RU blooie line from BOP. Repair or replace any leaking or damaged valves on wellhead.

18. Pump water through casing valve to kill annulus and prepare to strip out tubing hanger. Back out jam nuts and remove tubing hanger. TOOH with 4200' of 2-3/8" tubing string, seating nipple located 1 jt off bottom, and visually inspect tubing string. Report condition of tubing on DFW report and type of scale, if any.

19. PU 4-3/4" bit/mill and stage in hole and clean out to retainer located at +/-4600'. Record any water production to engineer and record in DWF report.

20. Drill out retainer and clean out to CIBP located at 5040'. Record any increases in water production once the Menefee interval is exposed. If an increase in water is observed, these perforations will be resqueezed and a procedure will be forthcoming from the production engineer.

21. If no water increase is observed, proceed to drill out CIBP located at 5040' and clean out to PBTD of 5533'. Clean up to less than 5 BPH water and trace of sand. When water rates are less than 5 BPH and sand volumes are acceptable, TOOH & LD bit.

22. PU expendable check, one joint of tubing, seating nipple and 2-3/8" tubing to surface. Land tubing at +/- 5445'. ND BOP, NU wellhead. Pump off expendable check, pitot well up tubing and record in DFW report. **During cleanout operations the reservoir may be charged with air. As a result of excess oxygen levels that may be in the reservoir and/or wellbore, contact the Lease Operator to discuss the need for determining oxygen levels prior to returning the well to production.**

23. Secure location, RD, and MOL.

BR Contacts:					
Position	**Name**	**Office**	**Pager**	**Mobile**	**Home**
Engineer	Kelly Sutton	326-9738	324-4324		564-9521
Foreman	Darren Randall	9808	324-7335	320-2618	
Specialist	Jim Work	6106	324-7721	320-2447	
Lease Operator	Rodger Lanier		326-8678	320-2856	