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

5. **Lease Number**
SF-078459B

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

7. **Unit Agreement Name**

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

Allison Unit

8. **Well Name & Number**
Allison Unit #12

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

9. **API Well No.**
30-045-11429

4. **Location of Well, Footage, Sec., T, R, M**
1825'FNL, 1550'FEL, Sec.14, T-32-N, R-7-W, NMPM
G

10. **Field and Pool**
Blanco MV/Basin DK

11. **County and State**
San Juan Co, NM

DHC-1461

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

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

13. **Describe Proposed or Completed Operations**

It is intended to add pay to the Mesaverde formation of the subject well according to the attached procedure and wellbore diagram. The well will then be down hole commingled under DHC-1461. Please cancel the intent to commingle and clean out approved as of 12-4-96.

RECEIVED
JUL 31 1997
OIL CON. DIV.
DIST. 3

97 JUL 17 PM 1:33
070 FARMINGTON, NM
RECEIVED
BLM

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

Signed Peggy Bradfield (JME6) Title Regulatory Administrator Date 7/15/97

(This space for Federal or State Office use)
APPROVED BY [illegible] Title Petroleum Engineer Date JUL 29 1997
CONDITION OF APPROVAL, if any:

NMOCD

Allison Unit #12
Burlington Resources Oil & Gas
Blanco Mesaverde/Basin Dakota Workover
UnitG-Sec14-T32N-R07W
Lat: 36° 58.95'
Long: 107° 31.9'

- Comply with all BLM, NMOCD, & BR rules & regulations.
- **Always Hold Safety Meetings.** Place fire and safety equipment in strategic locations.
- 3-1/2" 9.3# N-80 Frac String (6000' +/-) required.
- Have 50 joints 2-3/8" 4.7# EUE J-55 tubing on location.
- Spot and fill **7** frac tanks with 2% KCl water.
- Use drill gas for all operations.
- **2 7-5/8" RBP and 1 7-5/8" PKR** required for 7-5/8" 26.4# N80/J55 pipe.
- Be prepared to flow back Lewis frac immediately.

This well is part of the 1997 Allison Mesaverde optimization program. The well is currently completed in the Dakota (380 MCFD) and the Mesaverde Point Lookout (75 MCFD). Cumulative production is 10,414 MMCF from the Dakota and 1508 MMCF from the Mesaverde. Menefee & Cliffhouse pay will be added and stimualated with a 25# xlink frac. Lewis pay will also be added and foam frac'd. The Mesaverde and Dakota will be commingled immediately upon completion of the workover.

NOTE: Dakota perfs open 8082' - 8166'
Baker Model D PKR @ 5945'
Point Lookout perfs open 5796' - 5812'

1. MIRU. Record and report SI pressures on tubing, casing, & bradenhead. Blow down casing & tubing. Kill well w/ 2% KCl. ND WH, NU BOP.

2. Attempt to TOOH w/ 2-3/8" tubing (from 8139', Otis circ. sleeve @ 5925'-27'). Rabbit and strap tubing. Visually inspect tubing, note any scale in tubing. (NOTE: Tubing was perforated from 7926' - 7929'.)

3. PU washover pipe, mill shoe and PKR plucker on 2-3/8" 4.7# J-55 EUE workstring. Burn over Model D PKR @ 5945', engage w/ plucker, TOOH w/ PKR. LD PKR & fishing assembly.

4. PU 3-7/8" bit on 2-3/8" tbg, clean out w/ gas to PBTD @ **8178'**. TOOH.

5. PU 7-5/8" RBP and 7-5/8" PKR on 2-3/8". TIH & set RBP @ **5750'** to Isolate Dakota and Point Lookout. Load hole from bottom w/ 2% KCl water.

6. Set PKR above RBP & test to 5500 psi. Hold for 10 minutes. Release PKR & pressure test entire casing string to 1000 psi for 10 minutes. If PT does not hold, locate hole(s). Engineering will provide squeeze design if required.

7. Complete all squeeze cementing operations. WOC recommended time. Drill out cement. Pressure test to 1000 psi.

Allison Unit #12
Burlington Resources Oil & Gas
5/19/97

Menefee/Cliffhouse Completion:

8. If already in hole, spot 950 gallons **15% HCL acid** (w/ 2 gal/1000 corrosion inhibitor) across MN/CH @ 5680'. TOOH, standing 2-3/8" back. Change rams to 3-1/2". (If separate trip is required, skip spotting acid.)

9. RU wireline under packoff. Perforate MN/CH (top-down if in acid) @ the following depths with a 4" HSC gun w/ Owen 316Z 19g charges (0.29" hole, 11" penetration), 1 SPF @ 120 degree phasing. Engineering may modifiy perforations based upon bond character.

5295' - 5305'

5495' - 5505'

5670' - 5680'

(30 total holes, 385' gross interval)

10. PU 7-5/8" FB PKR on 3-1/2" 9.3# N-80 frac string. Set PKR @ 5150' (in N80 pipe). Hold 500 psi on annulus during acid job.

11. RU stimulation company. Pressure test surface lines to 9100 psi. **Max pressure = 8100 psi.** Keep pressure under 6000 psi to avoid higher HHP charges. Prepare to break down MN/CH w/1000 gallons **15% HCL acid** (w/ 2 gal/1000 corrosion inhibitor). Establish rate into formation. Record breakdown pressure and rate and ISIP. **Note: Calculate the number of perforations open at beginning of the job. If 90% (or more) of the holes calculate to be open, pump acid but do not drop balls. Be prepared to continue right into frac job.** If less then 90% of holes are open proceed to next step. If an injection rate of > 5 BPM can be established, prepare to balloff.

12. Begin balloff. Drop a total of 60 7/8" 1.3 SG RCN ball sealers spaced evenly throughout job. RD stimulation company. Release pressure, RD stimulation company. Release PKR & TIH knocking balls below bottom perforation. Pull up and reset PKR.

13. RU stimulation company. Pressure test surface lines to 9100 psi. **Maximum STP = 8100 psi.** Expected STP is about 4200 psi. Keep pressure under 6000 psi to avoid higher HHP charges. Hold 500 psi on annulus. Fracture stimulate the MN/CH w/ 100,000# 20/40 Arizona sand in 25# Xlink gel. See attached frac schedule for details. Frac will be traced with Protechnics' multi-isotope system. *(4 frac tanks needed)*

14. Release PKR, TOOH w/ 3-1/2" tubing and PKR. RU wireline under packoff. Make 7-5/8" gauge ring run to 5070'. Set 7-5/8" RBP @ 5050'.

Lewis Completion:

15. Perforate Lewis @ the following depths w/ a 4" HSC gun w/ Owen 317 23g charges (0.34" hole, 15" penetration), 2 SPF @ 120 degree phasing.

4390' - 4395'

4545' - 4550'

4830' - 4835'

4995' - 5010'

(80 total holes, 620' gross interval)

Allison Unit #12
Burlington Resources Oil & Gas
7/14/97

16. PU 7-5/8" FB PKR on 3-1/2" frac string. Set PKR below Lewis perforations. Test RBP @ 5050' to 3300 psi. Release PKR, come up hole and reset PKR 150' above top Lewis perf @ 4240' +/-. Hold 500 psi on annulus during frac job.

17. RU immediate flowback equipment (frac nipple, valve, tee, etc.).

18. RU stimulation company. Pressure test surface lines to 9100 psi. **Max pressure = 8100 psi.** Keep pressure under 6000 psi to avoid higher HHP charges. Prepare to break down Lewis w/1000 gallons **15% HCL acid** (w/ 2 gal/1000 corrosion inhibitor). Establish rate into formation. Record breakdown pressure and rate and ISIP. **Note: Calculate the number of perforations open at beginning of the job. If 90% (or more) of the holes calculate to be open, pump acid but do not drop balls. Be prepared to continue right into frac job.** If less then 90% of holes are open proceed to next step. If an injection rate of > 5 BPM can be established, prepare to balloff.

19. Begin balloff. Drop a total of 160 7/8" 1.3 SG RCN ball sealers spaced evenly throughout job. RD stimulation company. Release pressure, RD stimulation company. Release PKR & TIH knocking balls below bottom perforation. Pull up and reset PKR.

20. RU stimulation company. Pressure test surface lines to 9100 psi. **Maximum STP = 8100 psi.** Expected STP is about 5100 psi. Keep pressure under 6000 psi to avoid higher HHP charges. Fracture stimulate the Lewis w/ 200,000# 20/40 Arizona sand in 70Q N2 foam. See attached frac schedule for details. Frac will be traced with Protechnics' multi-isotope system. *(3 frac tanks needed)*

21. Flow back well immediately after shutdown -- **NOTE: Time from frac shut-down until flow tee is opened for flow back should be around 30 seconds. Time is critical to achieve reverse gravel packing. Begin flowback on 1/4" choke, increase as needed.** Flowback should continue for at least 15 minutes before shutting in to RD surface stim lines/connections. Flowback should be resumed immediately after RD.

22. Release PKR & TOOH laying down 3-1/2" tubing. Change out rams to 2-3/8".

23. TIH w/ 6-3/4" bit on 2-3/8" tubing and clean out to RBP @ 5050'. TOOH, PU retrieving head, TIH to RBP @ 5050'. Pull up above Lewis perfs, obtain pitot gauge. Latch onto RBP, TOOH & LD RBP and retrieving head.

24. TIH w/ 6-3/4" bit on 2-3/8" tubing and clean out to RBP @ 5750'. TOOH, PU retrieving head, TIH to RBP @ 5750'. Pull up above Lewis perfs, obtain pitot gauge. Latch onto RBP, TOOH & LD RBP and retrieving head.

25. TIH w/ 3-7/8" bit and clean out to PBTD @ 8178'. Clean up to +/- 5 BPH and trace to no sand. Obtain final pitot gauge. TOOH.

26. RU wireline under packoff. Run Protechnics' after-frac log across traced stimulated zone. RD wireline.

27. Prepare to run production tubing string as follows: expendable check, one joint 2-3/8" tubing, 1.78" seating nipple, and remaining tubing. Land tubing @ 8130' +/-.

28. ND BOP, NU WH. Pump off expendable check and flow well up tubing to ensure check pumped off. RD & release rig to next location.

Allison Unit #12
Burlington Resources Oil & Gas
5/19/97

Concur: 7/12/97
Northeast Basin Team Leader

Approved: 7/14/97
Drilling Superintendent

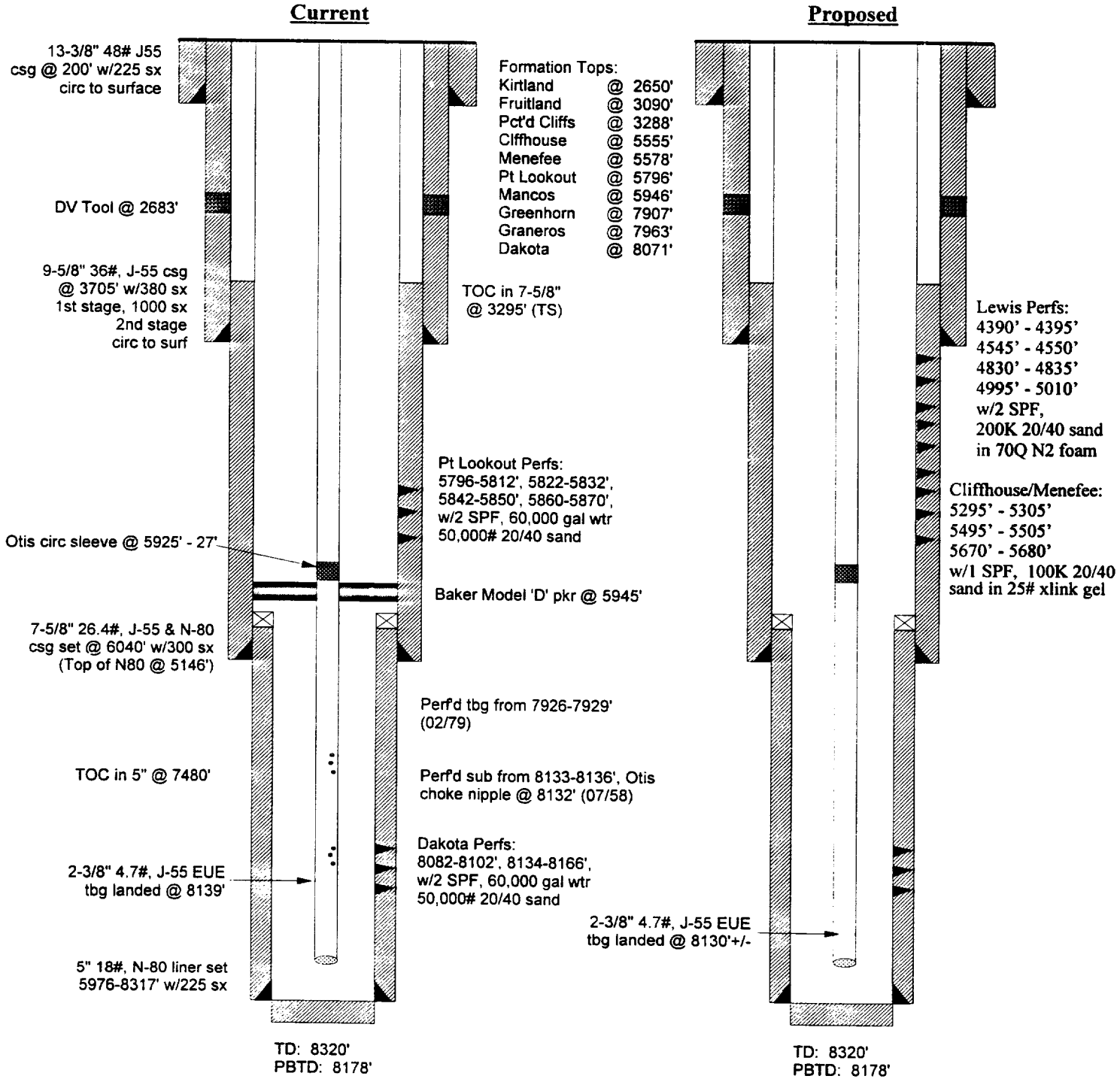
JME JME

Production Engineers:	**Joan Easley**	Gaye White
	599-4026-work	326-9875-work
	324-2717-pager	327-8904-pager
	327-6843-home	326-6534-home

Allison Unit #12

Blanco Mesaverde/Basin Dakota

Unit G, Section 14, T32N, R7W
San Juan County, NM
Elevation: 6647' GL
LAT: 36 58.95' / LONG: 107° 31.90'
date spud: 06/07/57



BURLINGTON RESOURCES
03/11/97: dla
JME 4/1/97

PERTINENT DATA SHEET

ALLISON UNIT #12

4/1/97

LOCATION:	1825' FNL, 1550' FEL Unit G, Sec. 14, T32N, R07W San Juan County, NM	**DP NUMBER:** **PROP. NUMBER:** **LAT / LONG:**	53186A - MV 53186B - DK 007971500 - MV 007971400 - DK 36-58.95' / 107-31.9'
WELL TYPE:	Blanco Mesaverde Basin Dakota	**ELEVATION:** DF: GL	6657' 6647'
TOTAL DEPTH: **PBTD:**	8320' 8178'	**INITIAL POTENTIAL:** **INITIAL SITP:** **LAST AVAILABLE SITP:**	7490 Mcfd - MV AOF 13,235 Mcfd - DK 2645 DK Psig 1563 MV Psig

OWNERSHIP:	MV	DK
GWI:	54.0568%	54.0568%
NRI:	45.5445%	45.7193%
SJBT:	0.1776%	0.1454%

SPUD DATE: 6/7/57
COMPLETED: 1/15/58
CATHODIC: 5/89

CASING RECORD:

HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	CEMENT	TOC
	13-3/8"	48#	J55	200'	225 sxs	Circ. to Surface
12-1/4"	9-5/8"	36#	J55	3705'	1380 sxs	
	DV tool @ 2683'				1st: 380 sxs	Calc. TOC @ 2683' (75% Effic.)
6-1/4"					2nd: 1000 sxs	TOC @ Surface (Circ)
8-3/4"	7-5/8"	26.4#	N80/J55	6040'	~~250~~ 300 sxs	3295' (TS)
6-3/4"	5" (liner)	18#	N80	5976'-8317'	225 sxs	7480' (TS)
	2-3/8"	4.7#	J55, EUE	8139'	Baker Model DA Pkr @ 5945'	

FORMATION TOPS:

Kirtland	2650'	Cliffhouse	5555'	Mancos	5946'
Fruitland Coal	3090'	Menefee	5578'	Greenhorn	7907'
Pictured Cliffs	3288'	Point Lookout	5796'	Graneros	7963'
				Dakota	8071'

LOGGING: GR, NEUT, ES, ML, TS

PERFORATIONS
Dakota 2 SPF - 8082'-8102', 8134'-8166'
Pt Lookout 2 SPF - 5796'-5812', 5822'-5832', 5842'-5850', 5860'-5870'

STIMULATION:
Dakota Frac w/60M gal water, 50M lbs. 40/60 sand
Point Lookout Frac w/60M gal water, 50M lbs. 20/40 sand

WORKOVER HISTORY: Note: While drlg, 9-5/8" csg collapsed at 3340'. Milled thru casing to 3436'. Lost fish @ 6220', whipstock @ 6217' & @ 7506'.
7/58: Reran 2-3/8" tubing, perf tubing at 8133'-8136'; choke nipple at 8135'; Otis Lite sleave at 5926'
2/79: Perf tubing at 7926'-7929' w/ 10 1/4" holes

PRODUCTION HISTORY:	MV	DK	**RESERVE INFORMATION:**	MV	DK
Cumulative as of 2/97:	1508 MMcf	10414 MMcf	Gross EUR (MMCF)	2919	11826
Current as of 2/97:	74 Mcfd	380 Mcfd	Gross Remaining Reserves	1411	1412

PIPELINE: Williams Field Service

ME 4/1/97