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-080244
	6 **If Indian, All. or Tribe Name**
	7 **Unit Agreement Name**
2. **Name of Operator** BURLINGTON RESOURCES OIL & GAS COMPANY	
3. **Address & Phone No. of Operator** PO Box 4289, Farmington, NM 87499 (505) 326-9700	8 **Well Name & Number** Florance #2A
	9 **API Well No.** 30-045-21982
4. **Location of Well, Footage, Sec., T, R, M** 1750'FSL, 1500'FEL Sec.21, T-30-N, R-9-W, NMPM	10. **Field and Pool** Blanco Mesaverde
	11. **County and State** San Juan Co, NM

RECEIVED
JUL - 6 1999
OIL CON. DIV.
DIST. 3

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
	___ Recompletion	___ New Construction
___ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing
	___ Casing Repair	___ Water Shut off
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection
	_X_ Other - Payadd	

13. Describe Proposed or Completed Operations

It is intended to add pay to the subject well according to the attached procedure and wellbore diagram.

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

Signed Peggy Bradfield Title Regulatory Administrator Date 6/21/99

trc

(This space for Federal or State Office use)
APPROVED BY WAYNE TOWNSEND Title Pet. Eng Date 7-1-99
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

Florance #2A

Lewis Payadd Procedure
Unit J, Section 21, T-30N, R-9 W
Lat: 36° 47.6761' Long: 107° 46.8860'

This well is currently completed in the Cliff House, Menefee, and Point Lookout. It is intended to add the Lewis to the existing Mesaverde production. The Lewis will be sand fracture stimulated in two stages using 100,000 lbs 20/40 sand and 70Q 20 lb linear gel in each stage. Foam is to be used to limit fluid damage to the Lewis and aide in the flowback. The flowback choke schedule is to be used to ensure that proppant remain in the fractures.

- 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.

Equipment Needed:

(4) Frac Tanks with 2% KCl water
(2) 4-1/2" CIBP
(1) 4-1/2" RBP
(1) 4-1/2" Packer
3000' -- 3-1/2" N-80 9.3#

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" 4.7# J-55 tubing set at 5287' (SN @ 5255'). Visually inspect tubing, note and report any corrosion and/or scale in/on tubing. Replace bad joints as needed.

3. RU wireline. Run 4-1/2" gauge ring to 4100'. If ring tags up before 4100', TIH with 3-7/8" Bit, 4-1/2" 10.5# casing scraper on 2-3/8" tubing and CO to 4100'. TOOH. TIH with 4-1/2" CIBP and set CIBP @ ± 4100'. Load hole w/ 2% KCl water. TOOH.

4. Run GR-CBL-CCL w/ 1000 psi from 4100' to 2902' (TOL) correlate to old Induction-Gamma Ray Log. Contact Michele Quisel and Drilling to evaluate CBL.

5. TIH w/ 4-1/2" packer on 2-3/8" tubing and set packer @ 2920'. Pressure Test CIBP and casing to 3800 psi. Release packer and TOOH.

1st Stage Lewis:

6. Perforate Lower Lewis as follows using select fire HSC guns loaded with Owens HSC-3125 302T 10 gram charges set at 1 SPF and 120° phasing (Avg. perf diameter - 0.30", Avg. penetration – 16.64" in concrete). Correlate to new GR-CBL-CCL.

   3970' – 80',
   3895' – 3905',
   3820' – 30',
   3740' – 50',
   3700' – 10',

   For a total of 55 holes. RD wireline.

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Lat: 36° 47.6761' Long: 107° 46.8860'

7. TIH with 4-1/2" RBP, on/off tool and 4-1/2" packer on 2-3/8" tubing.

Set RBP at RBP setting depth. PUH ± 10 ft and set Packer. RU stimulation company and pressure test RBP and lines to 3800 psi. Release packer, and reset packer at Packer Setting Depth. Breakdown perforations and establish an injection rate between 8 and 10 BPM with 200 gals of Acetic Acid + 5% NH4Cl **. Breakdown to the **Max pressure of 3800 psi.** Release packer and RBP. Repeat for the remaining intervals.

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

1000 gal	10%	Acetic Acid
2 gal	MSA II	corrosion inhibitor
5%	NH_4CL	clay control

RBP Setting Depth	Packer Setting Depth	Perforation Intervals
4010	3940	3970-80
3930	3800	3895-3905, 3820-30
3780	3670	3740-50, 3700-10

8. TOOH w/ RBP, Packer, and 2-3/8" tubing. PU and TIH w/ 4-1/2" packer, 2 joints 2-3/8 4.7#, 2-3/8" X 3-1/2" N-80 crossover, and 3-1/2" 9.3# N-80 Frac String. Set Packer @ 2920' or where good cement dictates.

9. Pressure Test surface lines to 7000 psi. Fracture stimulate Lower Lewis with 100,000 lbs 20/40 sand in 61,456 gals 70Q 20 lb linear gel at a **MAXIMUM RATE OF 40 BPM** in 1.0 to 4.0 ppg stages. Apply 500 psi to annulus. Monitor annulus pressure throughout stimulation. **Tag sand with 3 radioactive isotopes.** Estimated friction pressure is 4500 psi @ 40 BPM. **Maximum Surface Treating Pressure is 6000 psi.**

Stage	BH Sand Conc. ppg	Stage Sand lbs	BH Rate bpm	BH Foam Qual.	Clean Foam Volume gals	Clean Liquid Volume gals	Nitrogen Rate scf/min	Stage N2 mscf
Pad		0	40	80%	17,000	3,400	19,336	195.7
2	1	10,000	40	70%	10,000	2,000	16,181	67.1
3	2	20,000	40	70%	10,000	2,000	15,505	67.0
4	3	40,000	40	70%	13,333	2,667	14,883	89.3
5	4	30,000	40	70%	7,500	1,500	14,309	50.2
Flush		0	40	0%	3,623	3,623	0	0.0
		Total lbs.	Avg. Rate	Avg. Qual.	Total gallons	Total Gallons	Avg. N2 Rate	Total mscf
		100,000	40.0	60%	61,456	15,190	13,369	469

Slow rate during flush. Flush to top perf with KCl water. Record ISIP, 5 10 and 15 minute shut-in pressures. Shut-in frac valve. RD stimulation company. Install flowback line above frac valve. Lay flowback line to dual-flowbean or dual-choke manifold. Begin flowback when stimulation company is rigged down. Open well to pit in accordance to 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 2nd flowbean or adjustable choke and open adjustable choke or place

correct size flowbean on manifold to pre-determined size listed in table and begin flowing through adjustable choke or 2nd flowbean. 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 2nd flowbean or adjustable choke.

40+ hour Flowback

16/64" Choke	**From Shut-in – Until 2/3 of flush volume has been recovered (Approximately 58 BBL).**
10/64" Choke	**Approximately 3 hrs.**
12/64" Choke	**Approximately 3 hrs.**
14/64" Choke	**Approximately 3 hrs.**
16/64" Choke	**Approximately 4 hrs.**
18/64" Choke	**Approximately 4 hrs.**
20/64" Choke	**Approximately 4 hrs.**
22/64" Choke	**Approximately 4 hrs.**
24/64" Choke	**Approximately 4 hrs.**
32/64" Choke	**Approximately 5 hrs.**
48/64" Choke	**Approximately 5 hrs.**

NOTE: Follow this schedule to utilize a 40+ 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 N_2), change to next larger choke size before time schedule dictates.

10. Release packer and TOOH. Stand back 3-1/2" frac string, 3-1/2" X 2-3/8" crossover, and 2-3/8" Frac String.

11. TIH w/ 4-1/2" CIBP, on/off tool and 4-1/2" packer on 2-3/8" tbg and set CIBP @ ± 3670'. PUH, set packer @ 2920', and pressure test CIBP to 3800 psi. Release packer and TOOH.

12. Perforate Upper Lewis as follows using select fire HSC guns loaded with Owens HSC-3125 302T 10 gram charges set at 1 SPF and 120° phasing (Avg. perf diameter – 0.30", Avg. penetration – 16.64" in concrete). Correlate to new GR-CBL-CCL.

    3620' – 30',
    3585' – 95',
    3560' – 65',
    3515' – 25',
    3495' – 3505',
    3465' – 70'

    For a total of 56 holes. RD wireline.

13. TIH with 4-1/2" RBP, on/off tool and 4-1/2" packer on 2-3/8" tubing.

    Set RBP at RBP setting depth. PUH ± 10 ft and set Packer. RU stimulation company and pressure test RBP and lines to 3800 psi. Release packer, and reset packer at Packer Setting Depth. Breakdown perforations and establish an injection rate between 8 and 10 BPM with 200 gals of Acetic Acid + 5% NH4Cl **. Breakdown to the **Max pressure of 3800 psi.** Release packer and RBP. Repeat for the remaining intervals.

Florance #2A

Lewis Payadd Procedure

Unit J, Section 21, T-30N, R-9 W

Lat: 36° 47.6761' Long: 107° 46.8860'

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

1000 gal	10%	Acetic Acid
2 gal	MSA II	corrosion inhibitor
5%	NH_4CL	clay control

RBP Setting Depth	Packer Setting Depth	Perforation Intervals
3660	3540	3620-30, 3585-95, 3560-65
3550	3440	3515-25, 3495-3505, 3465-70

14. TOOH w/ RBP, Packer, and 2-3/8" tubing and stand back. TIH w/ 4-1/2" packer, 2 joints 2-3/8" 4.7#, 2-3/8" X 3-1/2" N-80 crossover, and 3-1/2" 9.3# N-80 Frac String. Set Packer @ 2920' or where good cement dictates.

15. Pressure Test surface lines to 7000 psi. Fracture stimulate Upper Lewis with 100,000 lbs 20/40 sand in 60,573 gals 70Q 20 lb linear gel at a **MAXIMUM RATE OF 40 BPM** in 1.0 to 4.0 ppg stages. Apply 500 psi to annulus. Monitor annulus pressure throughout stimulation. **Tag sand with 3 radioactive isotopes.** Estimated friction pressure is 4500 psi @ 40 BPM. **Maximum Surface Treating Pressure is 6000 psi.**

Stage	BH Sand Conc. ppg	Stage Sand lbs	BH Rate bpm	BH Foam Qual.	Clean Foam Volume gals	Clean Liquid Volume gals	Nitrogen Rate scf/min	Stage N2 mscf
Pad		0	40	80%	17,000	3,400	17,913	181.3
2	1	10,000	40	70%	10,000	2,000	14,990	62.1
3	2	20,000	40	70%	10,000	2,000	14,364	62.1
4	3	40,000	40	70%	13,333	2,667	13,787	82.7
5	4	30,000	40	70%	7,500	1,500	13,256	46.5
Flush		0	40	0%	2,740	2,740	0	0.0
		Total lbs.	**Avg. Rate**	**Avg. Qual.**	**Total gallons**	**Total Gallons**	**Avg. N2 Rate**	**Total mscf**
		100,000	40.0	60%	60,573	14,306	12,385	435

Slow rate during flush. Flush to top perf. Record ISIP, 5 minute, 10 minute, and 15 minute pressures. Shut-in frac valve. RD stimulation company. Install flowback line above frac valve. Lay flowback line to dual-flowbean or dual-choke manifold. Begin flowback when stimulation company is rigged down. Open well to pit in accordance to 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 2nd flowbean or adjustable choke and open adjustable choke or place correct size flowbean on manifold to pre-determined size listed in table and begin flowing through adjustable choke or 2nd flowbean. 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 2nd flowbean or adjustable choke.

Florance #2A

Lewis Payadd Procedure
Unit J, Section 21, T-30N, R-9 W
Lat: 36° 47.6761' Long: 107° 46.8860'

40+ hour Flowback

16/64" Choke	**From Shut-in – Until 2/3 of flush volume has been recovered (Approximately 43 BBL).**
10/64" Choke	**Approximately 3 hrs.**
12/64" Choke	**Approximately 3 hrs.**
14/64" Choke	**Approximately 3 hrs.**
16/64" Choke	**Approximately 4 hrs.**
18/64" Choke	**Approximately 4 hrs.**
20/64" Choke	**Approximately 4 hrs.**
22/64" Choke	**Approximately 4 hrs.**
24/64" Choke	**Approximately 4 hrs.**
32/64" Choke	**Approximately 5 hrs.**
48/64" Choke	**Approximately 5 hrs.**

NOTE: Follow this schedule to utilize a 40+ 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 N_2), change to next larger choke size before time schedule dictates.

16. Release packer and TOOH. Laydown 3-1/2" frac string, 3-1/2" X 2-3/8" crossover, and 2-3/8" Frac String.

17. TIH w/ 3-7/8" bit on 2-3/8" tubing and CO to CIBP @ 3670'. Monitor gas and water returns. When sand and water allow (less than 5 BPH and trace sand), take a Upper Lewis pitot gauge. DO CIBP @ 3670' with a minimum of 12 BPH mist rate.

18. CO to CIBP @ 4100'. Monitor gas and water returns. When sand and water allow (less than 5 BPH and trace sand), take a complete Lewis pitot gauge. DO CIBP @ 4100' with a minimum of 12 BPH mist rate.

19. Continue to CO to PBTD with air. Blow well at PBTD to check water rates. If needed continue to blow well for clean up. When water rates are below 5 BPH and there is no sand production, TOOH.

20. TIH with an expendable check, one 2-3/8" joint, seating nipple, and remaining production tubing. Broach tubing while running in hole. CO with air/mist to PBTD again, if necessary. Obtain final Lewis/Cliff House/Menefee/Point Lookout pitot gauge. Land tubing at ± 5287'. ND BOP. NU WH. Pump off expendable check. RDMO. Contact Production Operations for well tie-in.

21. RU Pro-Technics. Run After Frac Log across Lewis (4100' – 3300'). RD Pro-Technics.

Recommended: Michele S. Quisel
Production Engineer
6-7-99

Approved: _____ 6/16/99
Drilling Superintendent

Approved: _____
Team Leader

Contact:

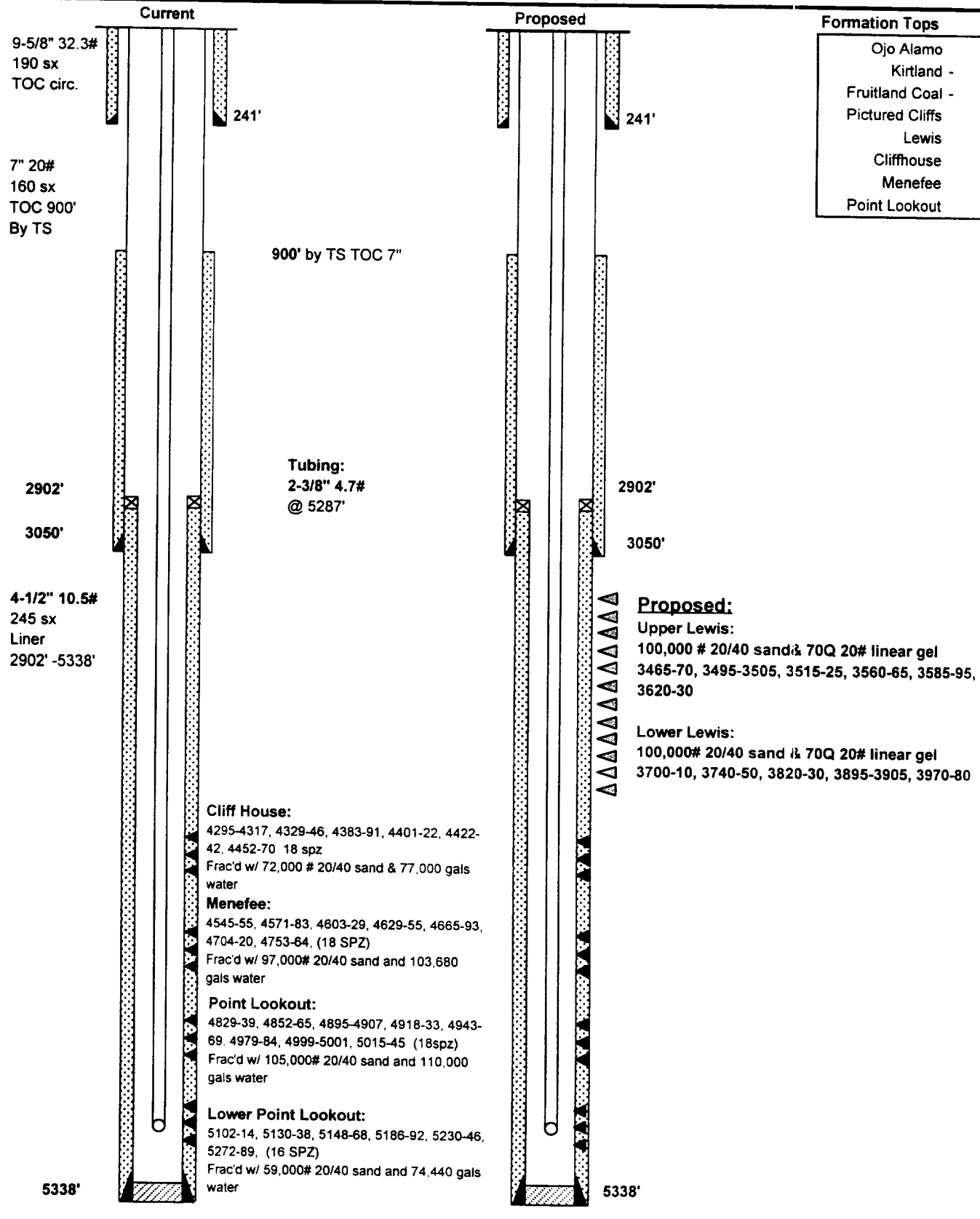
Michele Quisel 324-6162 (WORK) 326-8196(PAGER) 564-9097(HOME)
Vendors: Wireline: Black Warrior 326-6669
RA Tagging: Pro-Technics 326-7133

Florance #2A

1750' FSL, 1500' FEL
Unit J Sec. 21, T-30 R-09W
San Juan County, New Mexico

KB 6721 GL 6710

Lat: 36o 47.6761' Long: 107o 46.8860'



Formation Tops

Ojo Alamo	1400
Kirtland	-
Fruitland Coal	-
Pictured Cliffs	2670
Lewis	2840
Cliffhouse	4320
Menefee	4505
Point Lookout	4883

PBTD = 5321'
TD =5338'

04/29/1999 MSQ