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

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

4. **Location of Well, Footage, Sec., T, R, M**
1560'FNL, 2200'FEL, Sec. 30, T-30-N, R-7-W

5. **Lease Number**
NM 012709

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

7. **Unit Agreement Name**
San Juan 30-6 Unit

8. **Well Name & Number**
San Juan 30-6 Unit 9

9. **API Well No.**
30-039-0776500

10. **Field and Pool**
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
	___ Recompletion	___ New Construction
___ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing
	___ Casing Repair	___ Water Shut off
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection
	___ Other -	

13. **Describe Proposed or Completed Operations**
It is intended to add Lewis pay per attached procedure and well bore diagram to the subject well.

RECEIVED
JAN 2 0 1998
OIL CON. DIV.
DIST. 3

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

Signed Peggy Bradfield Bloomp Title Regulatory Admin. Date 12/23/97

(This space for Federal or State Office use)
APPROVED BY /S/ Duane W. Spencer Title _____ Date JAN 16 1998
CONDITION OF APPROVAL, if any:

NMOCD

San Juan 30-6 Unit #9
Burlington Resources Oil & Gas
Lewis Payadd
UnitG-Sec30-T30N-R07W
Lat: 36° 47.1927'
Long: 107° 36.62112'

- Comply with all BLM, NMOCD, & BR rules & regulations.
- **Always Hold Safety Meetings.** Place fire and safety equipment in strategic locations.
- Spot and fill **8** frac tanks with 2% KCl water.
- Use drill gas for all operations.
- **(3) 5-1/2" CIBP** required for 5-1/2" 14# J-55 pipe.
- (1) 5-1/2" Model 'EA' Retreivamatic Packer
- 4900' 3-1/2" 9.3# N-80 Frac string
- 4 joints 2-7/8" 6.5# N-80 tubing
- 5410' 2-3/8" 4.7# J-55 tubing

The well is completed in the Blanco Mesaverde (Point Lookout) and is currently producing 127 MCFD. Cumulative production is 3143 MMCF with remaining reserves of 1012 MMCF. Cement will be squeezed across the Menefee/Cliffhouse and Lewis interval where pay will be added. The Menefee/Cliffhouse will be stimulated in one stage with 15# X-link gel and 95K# sand. The Lewis will be stimulated in two stages with a 70 Quality foam, 25# linear gel frac and 150K# sand for each stage. Foam is to be used to limit fluid damage to the Lewis and aide in flowback. The flowback choke schedule is to be used to ensure that proppant remains in the fractures.

NOTE: Point Lookout perfs open 5308' - 5404'

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

2. TOOH with 2-3/8" 4.7# J-55 tubing from **5410'** (**174** joints) and LD. Visually inspect tubing, replacing any bad joints.

3. RU wireline unit. Run gauge ring to 5290'. Wireline set 5-1/2" CIBP at 5280' to isolate the open Mesaverde perfs. POOH. TIH with 5-1/2" pkr, set at 5250', pressure test to 3000 psi.

4. Close pipe rams and pressure test 5-1/2" casing down annulus to **1000** psi for 10 minutes. If casing fails hunt hole(s) while tripping out of hole. Engineering will provide squeeze design if required.

5. With hole loaded and 1000 psi, run CBL from 5250' to 3200'. Send logs into engineering for evaluation. Top of cement was recorded by temperature survey at 5094'. Squeeze will be required to cover the Menefee/Cliffhouse and Lewis zones.

Menefee/Cliffhouse Completion:

6. If already in hole, spot 500 gallons **15% HCL acid** across MN/CH @ 5250'. TOOH, standing 2-3/8" back. Change rams to 3-1/2". (If separate trip is required, skip spotting acid.)

7. RU wireline under packoff. Perforate first stage at the following depths with select fire HSC gun using Owen 3125-302T 10g charges (0.29" hole, 16.64" penetration), 1 SPF @ 180 degree phasing.

   4865', 4875', 4885', 4890', 4905', 4912', 4925', 4934', 4942', 4950', 4963', 4970', 4975', 4980', 5010', 5015', 5020', 5025', 5040', 5043', 5057', 5062', 5068', 5103', 5108', 5125', 5143', 5156'

   (28 total holes, 291' gross interval)

8. TIH with 5-1/2" pkr on 3-1/2" 9.3# N-80 frac string set at 4715'. (Run 4 joints 2-7/8" N-80 tbg above pkr).

9. RU stimulation company. Pressure test surface lines to 4350 psi. **Max surface pressure = 3350 psi at 5 BPM. Max static pressure = 3000 psi.** 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.

10. Begin balloff. Drop a total of 54 7/8" 1.3 SG RCN ball sealers spaced evenly throughout job. Release pressure, RD stimulation company. Release PKR & TIH knocking balls below bottom perforation. Pull up and reset pkr @ 4715'.

11. RU stimulation company. Pressure test surface lines to 6000 psi. **Max surface pressure = 5000 psi.** Hold 500 psi on annulus. Fracture stimulate the MN/CH with 95,000# 20/40 Arizona sand in 15# Xlink gel at 40 BPM. See attached frac schedule for details. Frac will be traced with Protechnics' multi-isotope system. *(4 frac tanks needed)*

12. Release PKR, TOOH. RU wireline under packoff. Set 5-1/2" CIBP @ 4850'. POOH. RD wireline unit. Pressure test CIBP to 1000 psi from surface.

Lewis (First Stage):

13. RU wireline under packoff. Perforate first stage at the following depths with select fire HSC gun using Owen 3125-302T 10g charges (0.29" hole, 16.64" penetration), 1 SPF @ 180 degree phasing.

    4365', 4380', 4395', 4405', 4420', 4440', 4450', 4470', 4485', 4500', 4515', 4530', 4545', 4575', 4585', 4655', 4665', 4675', 4690', 4705', 4720', 4735', 4750', 4765', 4780', 4785', 4810', 4820'

    (28 total holes, 455' gross interval)

14. TIH with 5-1/2" pkr on 3-1/2" 9.3# N-80 frac string set at 4830'. (Run 4 joints 2-7/8" N-80 tbg above pkr). Pressure test CIBP to 3000 psi. Release and reset pkr at 4215'.

15. RU stimulation company. Pressure test surface lines to 4350 psi. **Max surface pressure = 3350 psi at 5 BPM. Max static pressure = 3000 psi.** Break down first stage w/ 1000 gallons 15 % HCl and 50 RCN 7/8" 1.3 s.g. ball sealers. Release pressure, RD stimulation company. Lower pkr to knock off perf balls. Reset pkr at 4215'.

16. RU flowback equipment so that flowback can commence within 30 min after shutdown.

17. RU stimulation company. Pressure test surface lines to 6000 psi. **Max surface pressure = 5000 psi.** Fracture stimulate the first stage w/ 150,000# 20/40 Arizona sand in 65,761 gal 70 Quality foam with 25# Linear gel at 30 BPM. See attached frac schedule for details. Frac will be tagged with radioactive tracers (0.4 mCi Ir-192, 0.3 mCi Sb-124, and 0.3 mCi Sc-46). (2 *frac tanks needed)*

18. Shut well in after frac and record ISIP. RD stimulation company. Install flowback line above frac valve. Commence flowback within 30 min after shutdown. Open well to pit, starting with a 10/64" choke. If minimal sand is being produced, change to a larger choke size (16/64"). If choke plugs off, shut well in and remove obstruction from choke and return to flowback. Continue increasing choke size and cleaning well up until fluid returns are low enough to allow the start of the second stage. Take pitot gauges when possible.

19. RD flowback equipment. TOOH.

20. RU Wireline unit. Wireline set 5-1/2" CIBP at 4350' to isolate the second stage from the third. POOH. RD wireline unit. Pressure test CIBP to 1000 psi from surface.

Lewis (Second Stage):

21. Under packoff, perforate second stage Lewis at the following depths with select fire HSC gun using Owen 3125-302T 10g charges (0.29" hole, 16.64" penetration), 1 SPF @ 180 degree phasing.

    3845', 3855', 3865', 3885', 3900', 3915', 3930', 3945', 4015', 4035', 4050', 4065', 4075', 4130', 4140', 4155', 4165', 4195', 4205', 4220', 4235', 4245', 4270', 4280', 4290', 4300', 4310', 4325'

    (28 total holes, 480' gross interval)

22. TIH with 5-1/2" pkr on 3-1/2" 9.3# N-80 frac string set at 4340'. (Run 4 joints 2-7/8" N-80 tbg above pkr). Pressure test CIBP to 3000 psi. Release and reset pkr to 3700'.

23. RU stimulation company. Pressure test surface lines to 4350 psi. **Max surface pressure = 3350 psi at 5 BPM. Max static pressure = 3000 psi.** Break down second stage w/ 1000 gallons 15% **HCL** and 50 7/8" 1.3 s.g. ball sealers. Release pressure, RD stimulation company. Lower pkr to 4330' to knock off perf balls. Reset pkr at 3700'.

24. RU flowback equipment so that flowback can commence within 30 min after shutdown.

25. RU stimulation company. Pressure test surface lines to 6000 psi. **Max surface pressure = 5000 psi.** Fracture stimulate the second stage w/ 150,000# 20/40 Arizona sand in 66,080 gal 70 Quality foam with 25# Linear gel at 30 BPM. See attached frac schedule for details. Frac will be tagged with radioactive tracers (0.4 mCi Ir-192, 0.3 mCi Sb-124, and 0.3 mCi Sc-46). (2 *frac tanks needed)*

26. Shut well in after frac and record ISIP. RD stimulation company. Install flowback line above frac valve. Commence flowback within 30 min after shutdown. Open well to pit, starting with a 10/64" choke. If minimal sand is being produced, change to a larger choke size (16/64"). If choke plugs off, shut well in and remove obstruction from choke and return to flowback. Continue increasing choke size and cleaning well up until fluid returns are negligible. Take pitot gauges when possible.

27. RD flowback equipment. TOOH.

28. TIH w/4-3/4" bit on 2-3/8" tbg and clean out to CIBP at 4350'. Pull above perfs and obtain pitot gauge for the upper Lewis. Drill out CIBP (minimum mist rate of 12 BPH).

29. Clean out to CIBP at 4850'. Pull above perfs and obtain pitot a gauge for the entire Lewis interval. Drill up CIBP (minimum mist rate of 12 BPH), clean out to 5280'. Clean up to minimal water and trace to no sand. Obtain combined pitot gauge.

30. Drill out CIBP (minimum mist rate of 12 BPH) at 5280', clean out to PBTD (5442').

31. When wellbore is sufficiently clean, TOOH and run after frac gamma-ray log (5170'-3830') and perf efficiency log (5450'-3830')

32. 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 @ 5405'.

33. ND BOP's, NU single tubing hanger wellhead. Pump off expendable check. Obtain 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, run a broach on slickline to ensure that the tubing is clear. RD and MOL. Return well to production.

San Juan 30-6 Unit #9
Burlington Resources Oil & Gas
12/03/97

Recommended: _____ 12-3-97
Production Engineer

Concur: _____ 12/5/97
Basin Opportunities Team Leader

Approved: _____ 12/10/97
Drilling Superintendent

Vendors:

Wireline	Basin	327-5244
Stimulation	Dowell	325-5096
RA Tagging	Pro-Technics	326-7133

Production Engineer: **Bobby Goodwin**
326-9713-work
564-7096-pager
599-0992-home

RLG3

Pertinent Data Sheet - San Juan 30-6 Unit # 9
G 30 T30N R07W

Location: 1560' FNL & 2200' FEL, Unit G, Section 30, T30N, R07W, Rio Arriba County, New Mexico

Field: Blanco Mesaverde **Elevation:** 6226' GL 6239' KB **TD:** 5465' **PBTD:** 5442'

Spud Date: 9/19/55

DP #: 69733
GWI: 38.05% **NRI:** 31.04%
Prop#: 0023422

Casing Record:

Hole Size	Csg Size	Wt. & Grade	Depth Set	Cement	Cement (Top)
15"	10-3/4"	32.75# H-40	229'	110 sx	Circ Cmt
9"	7-5/8"	26.4# J-55	3203'	160 sx	2446' (50% excess)
6-3/4"	5-1/2"	14.0# J-55	5457'	150 sx	5094' (TS)

Tubing Record:

2-3/8"	4.7# J-55	5410'	174 Jts	

Formation Tops:

Ojo Alamo:	1977'	Huerfanito Bentonite	3791'
Kirtland Shale:	2140'	Cliff House	4879'
Fruitland:	2790'	Menefee	4978'
Pictured Cliffs:	3063'	Point Lookout	5298'
Lewis	3180'		

Logging Record: Gamma Ray Log, Nuetron Log, Temperature Survey

Stimulation:
Point Lookout: Perf 5404'-5308', Frac with 40K gal water and 57.5K# 20/40 sand

Workover History: Flow controllers (Fisher), 3 stage seperator installed Feb 1997

Production History: Mesaverde in this well has an EUR of 4.155 BCF, CUM 3.143 BCF, REM 1.012 BCF and is producing at 127 MCFD.

Pipeline: El Paso Natural Gas - Gas
Giant - Oil/ Condensate

San Juan 30-6 Unit #9

Blanco Mesaverde Payadd

Unit G, Section 30, T30N, R07W

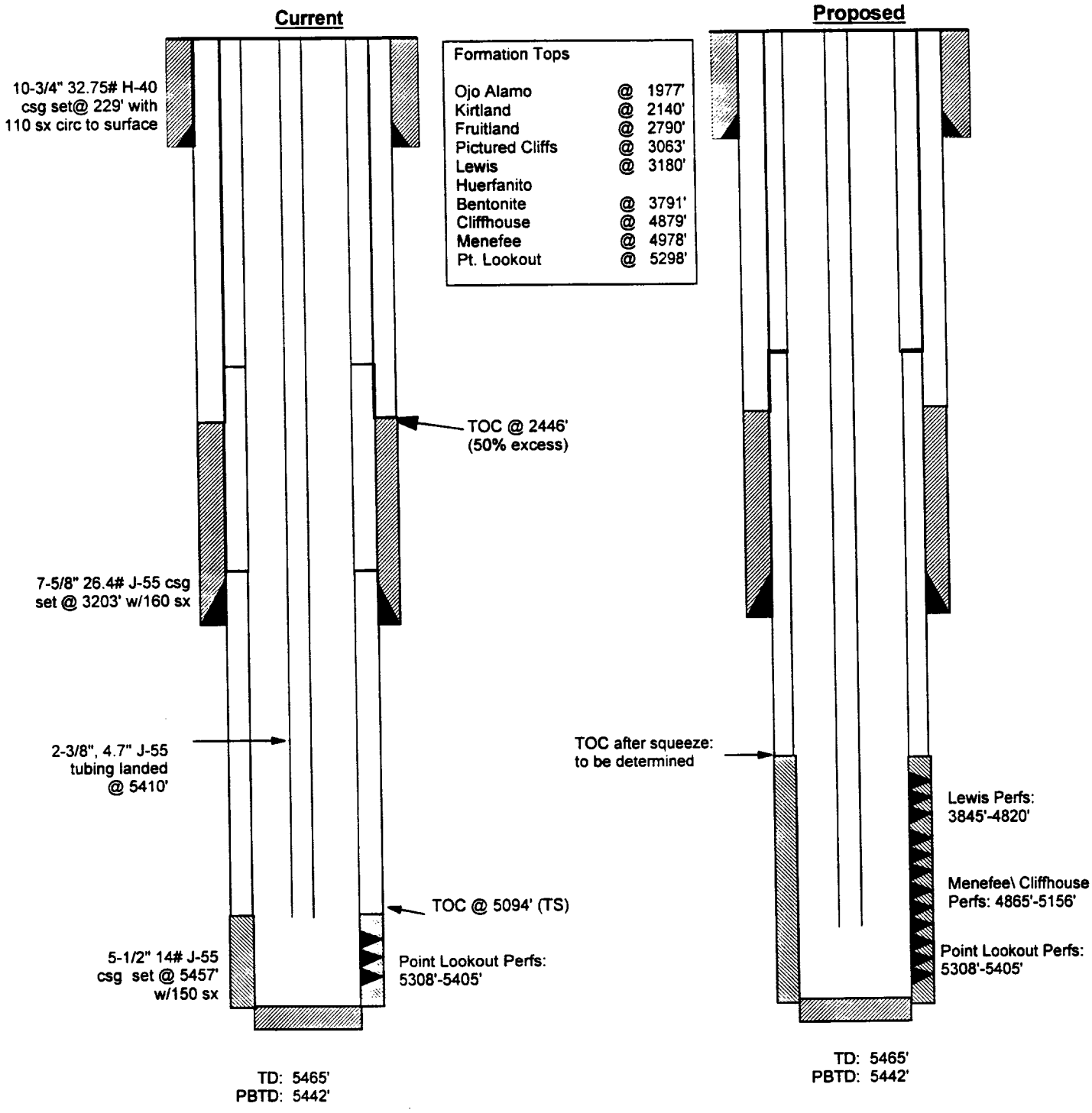
Rio Arriba County, NM

Elevation: 6226' GL

LAT: 36 47.1927'

LONG: 107 36.62112'

date spud: 09-19-55



Burlington Resources
08/28/97: RLG3