

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

Sundry Notices and Reports on Wells
APR 29 PM 1:27

1. Type of Well
GAS

2. Name of Operator
BURLINGTON RESOURCES OIL & GAS COMPANY

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

4. Location of Well, Footage, Sec., T, R, M
990' FNL 990' FEL, Sec.35, T-30-N, R-10-W, NMPM

5. Lease Number
NM-04240

6. If Indian, All. or Tribe Name

Unit Agreement Name

Well Name & Number
Kelly #2

9. API Well No.
30-045-20121

10. Field and Pool
Blanco Mesaverde

11. County and State
San Juan Co, NM

RECEIVED
APR - 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	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other -	

13. Describe Proposed or Completed Operations

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

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

Signed Chip Harraden (MSQ) Title Regulatory Administrator Date 3/26/99
TLW

(This space for Federal or State Office use)
APPROVED BY Chip Harraden Title Acting Team Lead Date 4/2/99
CONDITION OF APPROVAL if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

[Handwritten mark]

NMOCD

J

Kelly #2
Menefee Payadd Procedure
990' FNL, 990' FWL
Unit A Sec. 35, T-30 R-10W
San Juan County, NM
Latitude: 36 ° 46.3852' Longitude: 107° 50.8759'

Summary:

The Kelly #2 is a 1999 Menefee payadd. This well was originally drilled in 1967 and was completed in the Cliff House and the Point Lookout. The Cliff House was treated w/ 35,000# sand and 45,360 gals water, and the Point Lookout was treated with 40,000# sand and 46,620 gals water. The Menefee formation was omitted during this completion. The Menefee will be completed with 90,000# sand and 54,842 gals 30# Linear Gel.

- Comply with all NMOCD, BLM and BR regulations. Conduct daily safety meetings for all personnel on location. **Notify BR regulatory (Peggy Bradfield 326-9727)** and the appropriate Regulatory Agency prior to pumping any cement job and after CBL is run. If an unplanned cement job is required, **approval is required before the job can be pumped. If verbal approval is obtained, document the approval in Dims.** Allow adequate notice prior to the pump time for the Agency to witness the cementing operation.
- Inspect location and wellhead and install rig anchors prior to rig move.
- Construct blow pit.

WARNING: THIS WELL PRODUCES H2S FROM THE CLIFF HOUSE FORMATION. TEST CONCENTRATIONS, AND TAKE THE NECESSARY SAFETY PRECAUTIONS.

1. MOL, hold safety meeting and RU completion rig and Safety Co. Insure all safety equipment is strategically located and functioning properly. NU relief lines to blow pit. Set 4 - 400 BBL frac tanks and fill w/ 2% KCL. Blow well down and kill well with 2% KCL water as necessary. ND wellhead and NU BOP, stripping head and blooie line. Test BOP.
2. TOOH w/ approximately 159 jts. 2-3/8" tbg set at +/- 5039' and stand back. Inspect tubing and replace as necessary.
3. RU wireline company and RIH w/ 4-1/2" gauge ring to 4820'. If ring tags up before 4820', PU 3-7/8" bit on 2-3/8" tubing and CO to 4820'. TOOH. PU 4-1/2" CIBP and 4-1/2" retrevomatic packer on 2-3/8" 4.7# tubing and set CIBP @ ± 4820'. Pull 1 joint and set packer @ ± 4788'. Pressure test CIBP to 3800 psi. Release packer. Spot 250 gals 15% HCl Acid**. TOOH.
4. Perforate 20 holes with 3-1/8" HSC-3125-306T gun w/ 12 gram charges, 17.48" penetration and 0.30 perf diameter. Correlate to old Density Log. Perforate bottom up.

4775', 70', 65', 60', 55', 01', 4697', 89', 74', 69', 53', 49', 4576', 73', 56', 52', 27', 02',
4461', 56'

RD wireline company.

Stimulate -- Menefee

5. PU 4-1/2" packer on 2-3/8" 4.7# tubing and set @ ± 4360'. **Note: Perforations open from 4189'-4320' in the Cliff House.** Open annulus to the pit and monitor. Breakdown perforations w/ 1500 gal. 15% HCL.** to a maximum surface pressure of 3800 psi. Drop 40 -- 7/8" 1.1 SG RCN balls. Balloff to maximum surface pressure of 3800 psi. Record breakdown pressure and ISIP. Release pkr and knock balls off perforations. TOOH.

Kelly #2
Menefee Payadd Procedure
990' FNL, 990' FWL
Unit A Sec. 35, T-30 R-10W
San Juan County, NM
Latitude: 36 ° 46.3852' Longitude: 107° 50.8759'

** All acid to contain the following additives/1000 gal.:

2 gal.	CI-22	corrosion inhibitor
5 gal	Ferrotrol-300L	iron control
1 gal	Flo-back 20	surfactant
0.5 gal	Clay Master-5C	clay control

6. PU and TIH w/ 4-1/2" C-Cup Packer Straddle Assembly (4-1/2" C-Cup packer, 7 jts of 2-3/8" 4.7# J-55 tbg, 4-1/2" packer, and 2 jts 2-3/8" 4.7# J-55 tbg.) and the remaining 2-7/8" 6.4# N-80 BUTTRESS frac string. Set bottom packer @ \pm 4360' and set the top packer @ \pm 4136'. (Straddling perfs: 4189' – 4320') RU Stimulation Company. Hold pre-job safety meeting. Load annulus and keep loaded during frac. Pressure annulus to 500 psi and monitor annulus pressure during frac. Pressure test surface lines to 7000 psi.
7. Fracture stimulate in 1.0 to 3.0 ppg stages @ 35 BPM constant downhole rate with 54,842 gal. of 30# linear gel and 90,000# 20/40 mesh sand. **Maximum surface treating pressure is 6000 psi at 35 BPM.** When sand concentration begins to drop, call flush. Flush to top perf @ +/- 4456'. Maximum bottomhole treating pressure is 3800 psi (80% of burst). Estimated friction pressure is 3600 psi @ 35 BPM.

Stage	Sand Conc ppg	Stage Sand lbs	Stage Fluid gals	Stage Slurry gals
Pad	0	0	8,000	8,000
2	1	15,000	15,000	15,684
3	2	35,000	17,500	19,096
4	3	40,000	13,333	15,157
Flush		0	1,009	1,009
		Total	Total	Total
		90,000	54,842	58,946

8. Record ISIP, 5, 10, and 15 minute shut-in pressure. Shut-in frac valve. RD stimulation company.
9. After pressure allows, release packers and TOOH w/ 2-7/8" 6.4# N-80 BUTTRESS frac string and 4-1/2" C-Cup Straddle Packer Assembly and lay down.
10. TIH w/ 3-7/8" bit on 2-3/8" 4.7# J-55 tubing and CO to CIBP @ +/- 4820'. Obtain pitots when possible. When rates drop to less than 3 BWPH and a trace of sand, DO CIBP @ \pm 4820' and CO to PBTD @ 5081'. TOOH and lay down.
11. PU and rabbit in tubing. TIH with one joint of 2-3/8", 4.7#, J-55 tubing w/ expendable check, seating nipple, then the remaining 2-3/8" production tubing. Land tubing @ \pm 5039'.
12. ND BOP's, NU wellhead. Pump off expendable check. RD and MOL. Place well on production.

Approve: *[Signature]* 3/15/99
 Team Leader

Approve: *[Signature]* 3-22-99
 Drilling Superintendent

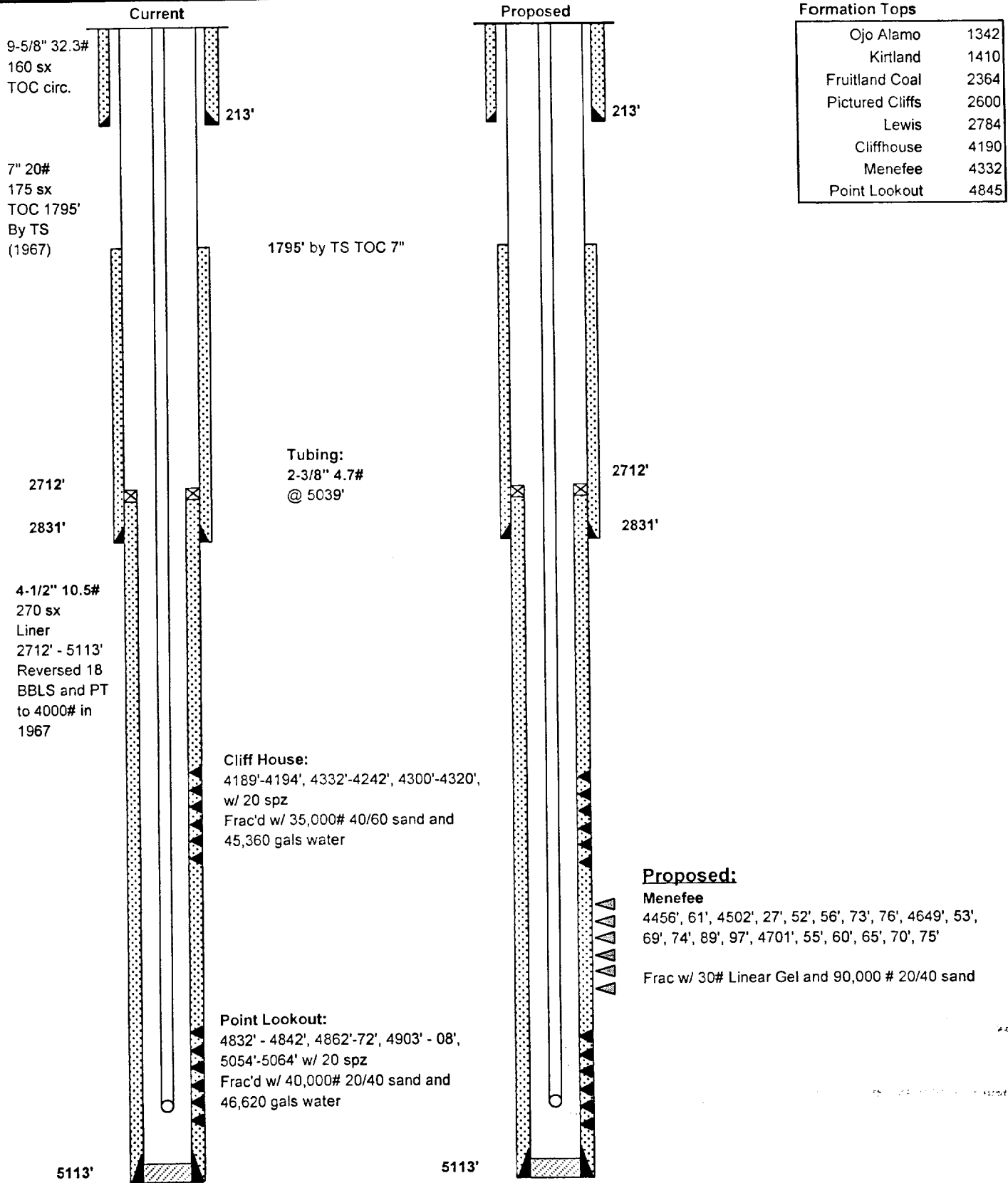
Recommend: *[Signature]*
 Production Engineer 3-17-99

Wireline: Black Warrior 326-6669
 Michele Quisel Home 564-9097 Office 324-6162 Pager 326-8196

Kelly #2

990' FNL, 990' FWL
 Unit A Sec. 35, T-30 R-10W
 San Juan County, New Mexico

KB 6055' GL 6044'
 Lat: 36o 46.3852' Long: 107o 50.8759'



Formation Tops	
Ojo Alamo	1342
Kirtland	1410
Fruitland Coal	2364
Pictured Cliffs	2600
Lewis	2784
Cliffhouse	4190
Menefee	4332
Point Lookout	4845

Tubing:
 2-3/8" 4.7#
 @ 5039'

Cliff House:
 4189'-4194', 4332'-4242', 4300'-4320',
 w/ 20 spz
 Frac'd w/ 35,000# 40/60 sand and
 45,360 gals water

Point Lookout:
 4832' - 4842', 4862'-72', 4903' - 08',
 5054'-5064' w/ 20 spz
 Frac'd w/ 40,000# 20/40 sand and
 46,620 gals water

Proposed:
Menefee
 4456', 61', 4502', 27', 52', 56', 73', 76', 4649', 53',
 69', 74', 89', 97', 4701', 55', 60', 65', 70', 75'
 Frac w/ 30# Linear Gel and 90,000 # 20/40 sand

PBTD = 5081'
 TD = 5113'