

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

Sundry Notices and Reports on Wells

1. Type of Well GAS	API # (assigned by OCD) 30-039-06148
	5. Lease Number
	6. State Oil&Gas Lease # E-291-5
2. Name of Operator BURLINGTON RESOURCES OIL & GAS COMPANY	7. Lease Name/Unit Name Canyon Largo Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Well No. 101
4. Location of Well, Footage, Sec., T, R, M 990' FSL 1650' FEL, Sec 2, T-25-N, R-6-W, NMPM, County	9. Pool Name or Wildcat S. Blanco Pictured Cliff
	10. Elevation:

Type of Submission	Type of Action	
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Subsequent Report	<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"/> Final Abandonment	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other -	

13. Describe Proposed or Completed Operations

It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram.

SIGNATURE *Johnny Robinson* (KLM3) Regulatory Administrator July 20, 1998

TLW

(This space for State Use)

Approved by *Johnny Robinson* Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Date JUL 21 1998

* P&A Prior to 10-3-98

PLUG AND ABANDONMENT PROCEDURE

7-2-98

Canyon Largo Unit #101
South Blanco Pictured Cliffs
DPNO 50294A
990' FSL, 1650' FEL, / SE Sec. 2, T25N, R6W
Latitude / Longitude: 36° 25.4342' / 107° 25.9699'
Rio Arriba County, New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM, and Burlington safety regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and NU BOP. test BOP.
3. **Plug #1 (Pictured Cliffs perforations, Fruitland tops, 2870' - 2500')**: Tally and PU 1-1/4" IJ tubing workstring. TIH with open ended tubing to 2870' or as deep as possible. Load casing with water if able or pump 30 bbls water down tubing. Mix and spot 15 sxs Class B cement (50% excess, due to next plug) to fill Pictured Cliffs perforations and cover Fruitland top. Pull up hole to 2425' and reverse circulate well clean, then TOH with tubing. Shut in well and WOC. While WOC, round-trip 2-7/8" gauge ring to 2415'. TIH with tubing and tag cement. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. TOH with tubing.
4. **Plug #2 (Kirtland and Ojo Alamo top, 2415' - 2100')**: Perforate 2 squeeze holes at 2415'. If casing tested after plug #1, then mix and pump 167 sxs Class B cement down 2-7/8" casing, squeeze 157 sxs outside 2-7/8" casing from 2415' to 2100' and leave 10 sxs inside to cover Ojo Alamo top. If casing did not test, then set a 2-7/8" wireline cement retainer at 2365'. POH with tubing. If cement retainer not used then WOC and tag cement with wireline. Pressure test casing to 500#.
5. **Plug #3 (Nacimiento top, 620' - 520')**: Perforate 2 squeeze holes at 620'. Establish rate into squeeze holes. If casing tested then mix 54 sxs Class B cement and pump down 2-7/8" casing, squeeze 50 sxs outside 2-7/8" casing and leave 4 sxs inside casing to cover Nacimiento top. If casing did not test after plug #3, then set 2-7/8" wireline cement retainer at 570'. If no retainer then tag cement. POH and LD tubing.
6. **Plug #4 (8-5/8" Casing shoe at 109')**: Perforate 2 squeeze holes at 159'. Establish circulation out bradenhead valve. Mix and pump approximately 59 sxs Class B cement down 2-7/8" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
7. ND BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended:

RZ Millwright 7/2/98
Operations Engineer

Approval:

Bruce W. Boyer 7-14-98
Drilling Superintendent

Canyon Largo Unit #101

Current

DPNO 50294A

So. Blanco Pictured Cliffs

SE, Section 2, T-25-N, R-6-W, Rio Arriba County, NM

Long: / Lat:

Today's Date: 7/2/98

Spud: 4/7/60

Completed: 4/22/60

Elevation: 6680' GL
6690' KB

Logs: ES

Workover: N/A

2-1/4" hole

8-5/8" 24# J-55 Csg set @ 109'
Cemented with 90 sxs then 100 sxs
(Circulated to Surface)

Nacimiento @ 570'

Ojo Alamo @ 2150'

Kirtland @ 2365'

Fruitland @ 2550'

7-7/8" hole
to 2750'

TOC @ 2528' (Calc. 75%)

Pictured Cliffs @ 2790'

Pictured Cliffs Perforations:
2794' - 2820' (40 holes)

6-1/4" hole

PBTD 2905'

2-7/8" 6.5# N-80 Casing set @ 2521'
Cmt with 100 sxs (126 cf)

TD 2925'

Canyon Largo Unit #101

Proposed P&A

DPNO 50294A

So. Blanco Pictured Cliffs

SE, Section 2, T-25-N, R-6-W, Rio Arriba County, NM

Long: / Lat:

Today's Date: 7/2/98

Spud: 4/7/60

Completed: 4/22/60

Elevation: 6680' GL

6690' KB

Logs: ES

Workover: N/A

Nacimiento @ 570'

Ojo Alamo @ 2150'

Kirtland @ 2365'

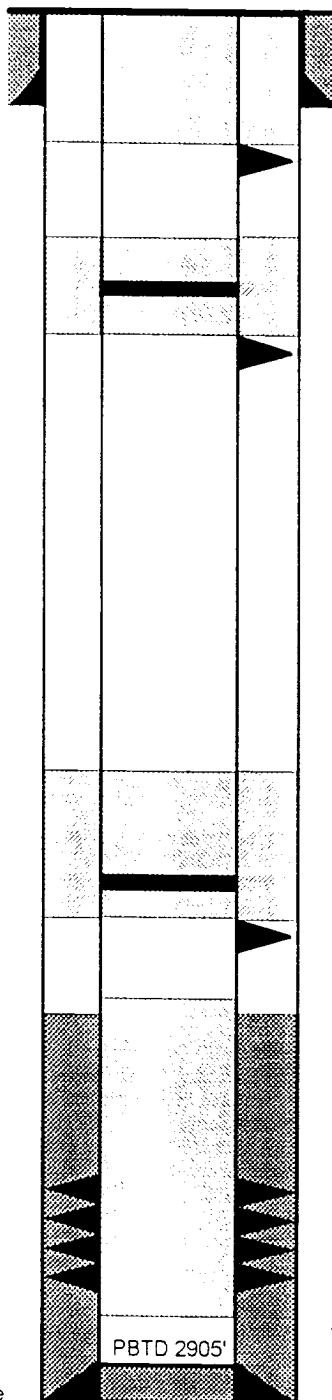
Fruitland @ 2550'

Pictured Cliffs @ 2790'

12-1/4" hole

7-7/8" hole
to 2750'

6-1/4" hole



TD 2925'