

AD 7
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STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

March 17, 1997

RECEIVED
MAR 31 1997

OIL CON. DIV.
DIST. 3

Burlington Resources
3535 East 30th Street
Farmington, New Mexico 87499-4289
Attention: Peggy Bradfield

Administrative Order TX-266

Dear Mr. Prichard:

Reference is made to your request for an exception to the tubing setting requirements as contained in Division Rule 107 (j) for the below-named wells.

Pursuant to the authority granted me by Rule 107 (d) (4), you are hereby authorized to make tubingless completions in the following wells:

Well Name and Number:

Ballard #2	Ballard Pictured Cliffs	P 10-26-09	30-045-05902
Ballard #5	Ballard Pictured Cliffs	P 14-26-09	30-045-05823
Crandell #1	Ballard Pictured Cliffs	M 11-26-09	30-045-05909
Douthit #3	W. Kutz Pictured Cliffs	P 26-27-11	30-045-06213
Harrington #3	S. Blanco Pictured Cliffs	P 31-27-07	30-045-06848
Hubbell SRC #2	Fulcher Kutz Pictured Cliffs	I 30-28-10	30-045-07141
Huerfanito Unit #64	Ballard Pictured Cliffs	D 12-26-09	30-045-05962
Huerfanito Unit #69	Ballard Pictured Cliffs	D 10-26-09	30-045-05968
Luthy A #1	S. Blanco Pictured Cliffs	H 01-26-08	30-045-06040
McManus #1	Ballard Pictured Cliffs	P 30-26-08	30-045-05654
McManus #9	Ballard Pictured Cliffs	M 33-26-08	30-045-05604
Newman A #6	Fulcher Kutz Pictured Cliffs	J 19-28-10	30-045-07312
Quitau #1	Ballard Pictured Cliffs	D 03-25-08	30-045-05565
Quitau #2	Ballard Pictured Cliffs	F 11-25-08	30-045-05500
Quitau #3	Ballard Pictured Cliffs	P 11-25-08	30-045-05469
Quitau #4	Ballard Pictured Cliffs	O 03-25-08	30-045-05532
Quitau #5	Ballard Pictured Cliffs	M 03-25-08	30-045-05536
Turner Hughes #10	S. Blanco Pictured Cliffs	B 11-27-08 7	30-045-06710
White Kutz #3	Fulcher Kutz Pictured Cliffs	B 20-28-10	30-045-07364
Wilson A #1	Ballard Pictured Cliffs	D 32-26-08	30-045-05630
Wilson A #2	Ballard Pictured Cliffs	K 32-26-08	30-045-05611

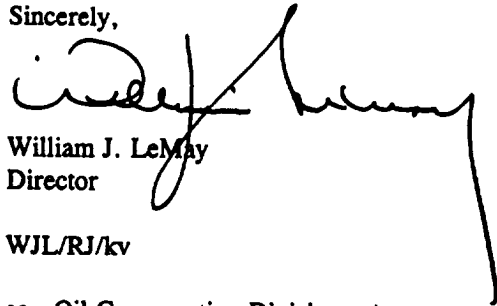
Conditions:

The operator shall place adequate cement prior to running 3 1/2" casing, or alternatively at the time of plugging and abandonment to insure that the Ojo Alamo Formation is completely sealed off with cement. The methodology to be employed shall be approved by the division's Aztec office prior to commencement of any remedial work.

Administrative Order TX-266
Burlington Resources
March 17, 1997
Page 2

The Division reserves the right to rescind this authority in the event that waste appears to be resulting therefrom.

Sincerely,

A handwritten signature in black ink, appearing to read "William J. LeMay". The signature is written in a cursive style with a long, sweeping tail that extends downwards and to the right.

William J. LeMay
Director

WJL/RJ/kv

cc: Oil Conservation Division - Aztec

BURLINGTON RESOURCES

SAN JUAN DIVISION

March 3, 1997

New Mexico Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Att: Mr. Roy Johnson

RECEIVED
MAR - 4 1997

OIL CON. DIV.
BMT. 3

Dear Roy:

As we discussed February 27 by phone, this letter serves as application for variance to Rule 107 Sections J. We intend to workover and drill additional hole in the following wells in the Pictured Cliffs formation, run 3 1/2" casing and cement, and run no tubing.

	Ballard #2	Ballard Pictured Cliffs	P 10-26-09	30-045-05902 ✓
	Ballard #5	Ballard Pictured Cliffs	P 14-26-09	30-045-05823
	Crandell #1	Ballard Pictured Cliffs	M 11-26-09	30-045-05909
	Deuthit #3	W. Kutz Pictured Cliffs	P 26-27-11	30-045-062T3 ✓
OK	Harrington #3	S. Blanco Pictured Cliffs	P 31-27-07	30-045-06848 ✓
	Hubbell SRC #2	Fulcher Kutz Pictured Cliffs	I 30-28-10	30-045-07141
	Huerfanito Unit #64	Ballard Pictured Cliffs	D 12-26-09	30-045-05962
	Huerfanito Unit #69	Ballard Pictured Cliffs	D 10-26-09	30-045-05968
OK	Luthy A #1	S. Blanco Pictured Cliffs	H 01-26-08	30-045-06040 ✓
	Luthy #2	S. Blanco Pictured Cliffs	K 01-26-08	30-045-06025 ✓
	McManus #1	Ballard Pictured Cliffs	P 30-26-08	30-045-05654 ✓
	McManus #9	Ballard Pictured Cliffs	M 33-26-08	30-045-05604 ✓
	Newman A #6	Fulcher Kutz Pictured Cliffs	J 19-28-10	30-045-07312 ✓
	Quitza #1	Ballard Pictured Cliffs	D 03-25-08	30-045-05565 ✓
	Quitza #2	Ballard Pictured Cliffs	F 11-25-08	30-045-05500 ✓
	Quitza #3	Ballard Pictured Cliffs	P 11-25-08	30-045-05469 ✓
	Quitza #4	Ballard Pictured Cliffs	O 03-25-08	30-045-05532
	Quitza #5	Ballard Pictured Cliffs	M 03-25-08	30-045-05536
	Turner Hughes #10	S. Blanco Pictured Cliffs	B 11-27-08	30-045-06710 ✓
	White Kutz #3	Fulcher Kutz Pictured Cliffs	B 20-28-10	30-045-07364 ✓
	Wilson A #1	Ballard Pictured Cliffs	D 32-26-08	30-045-05630 ✓
	Wilson A #2	Ballard Pictured Cliffs	K 32-26-08	30-045-05611 ✓

These tubingless completions are desirable as they allow Burlington to economically produce reserves from the tight, low pressure Pictured Cliffs formation. Significant cost savings are realized using this method. The 3 1/2" casing string will allow the wells to produce at a higher rate than can be realized through smaller tubulars, and also carry less risk during any subsequent workover operations.

New Mexico Oil Conservation Division
Page Two
March 3, 1997
Tubingless Completion Application

All the listed wells meet the following criteria:

- are in proven fields
- are less than 5000' total depth
- do not have corrosive or pressure problems
- are not dual completions
- will not produce any liquids or condensate (dry gas only)

Attached is a copy of the C102 well location plat and wellbore schematic for each well. Please let me know if you require any further information for these wells.

Sincerely,

BURLINGTON RESOURCES



Peggy Bradfield
Regulatory/Compliance Administrator

xc: NMOCD Aztec District Office

Huerfanito Unit #64

Section 12D, T-26-N, R-9-W
San Juan County, NM

BALLARD PICTURED CLIFFS WELLBORE SCHEMATIC

RECORDED
MAR - 4 1999
GEOLOGICAL SURVEY
P. 10

CURRENT

PROPOSED

Cmt. Top
@ Surf (circ)

ELEVATION: 6197' GL 6207' KB

8-5/8" 24# CF&I
J-55 Casing
Set @ 98'
Cmt w/ 100 sx

Cmt. Top
@ 1324'
w/ 75% Eff.

1" 1.7# Tubing
Set @ 1975'
94 Jts

5-1/2" 17# Nat'l
J-55 Casing
Set @ 1913'
Cmt w/ 100 sx

SOH w/ 190 qts SNG
SOF w/ 8,113 gal oil
& 6,600# sand

3-1/2" 7.7# C-70
Casing Set @ 2066'
Cmt w/140 sx to
Surface.

TOP OF OJO ALAMO @ 1115'

TOP OF KIRTLAND @ 1236'

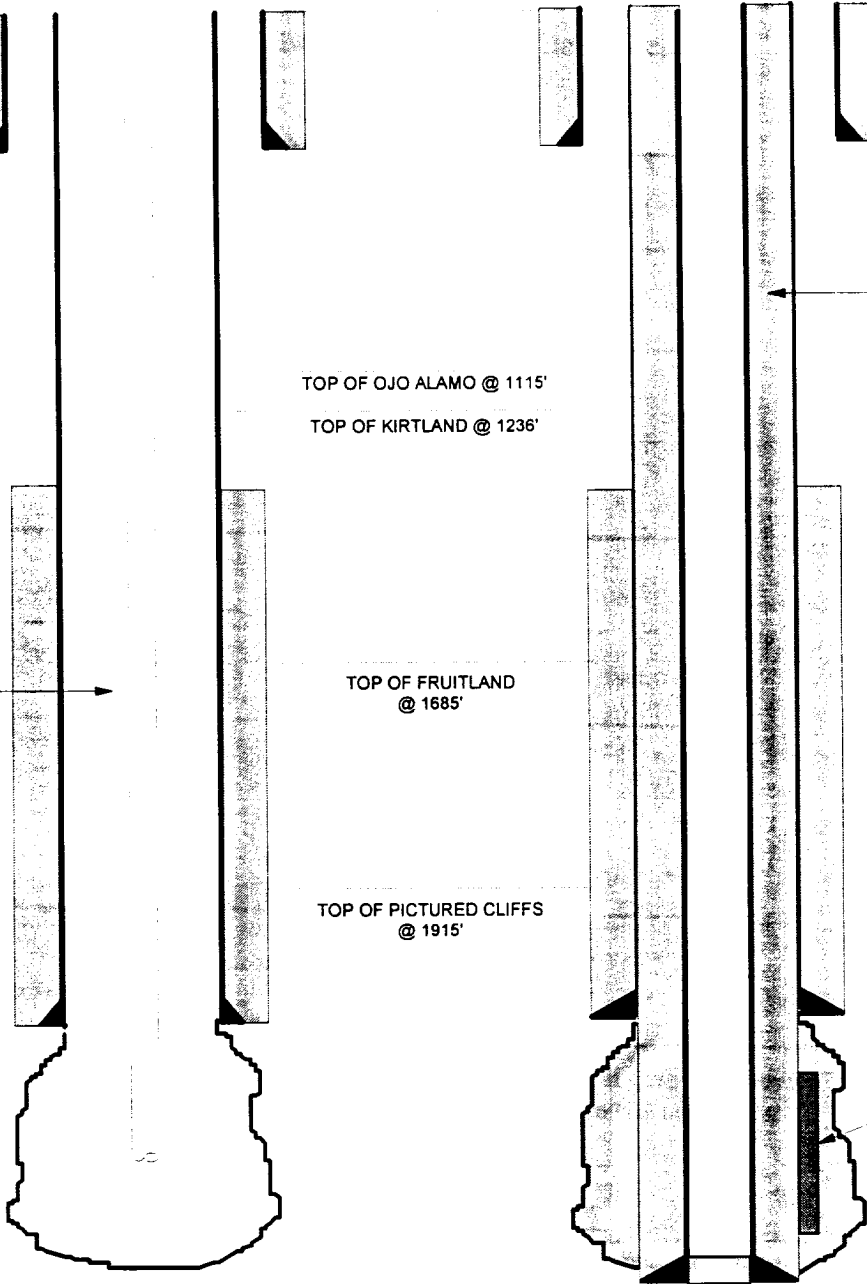
TOP OF FRUITLAND
@ 1685'

TOP OF PICTURED CLIFFS
@ 1915'

Perf & Foam Frac
1930' - 2020' w/
100,000# 20/40
sand

PBTD @ 1999'
TD @ 1999'

PBTD @ Approx. 2062'
TD @ Approx. 2066'



COMPANY J. Glenn Turner

Well Name & No. ~~Willard Federal No. 3-12~~ Lease No. ~~7-87833~~

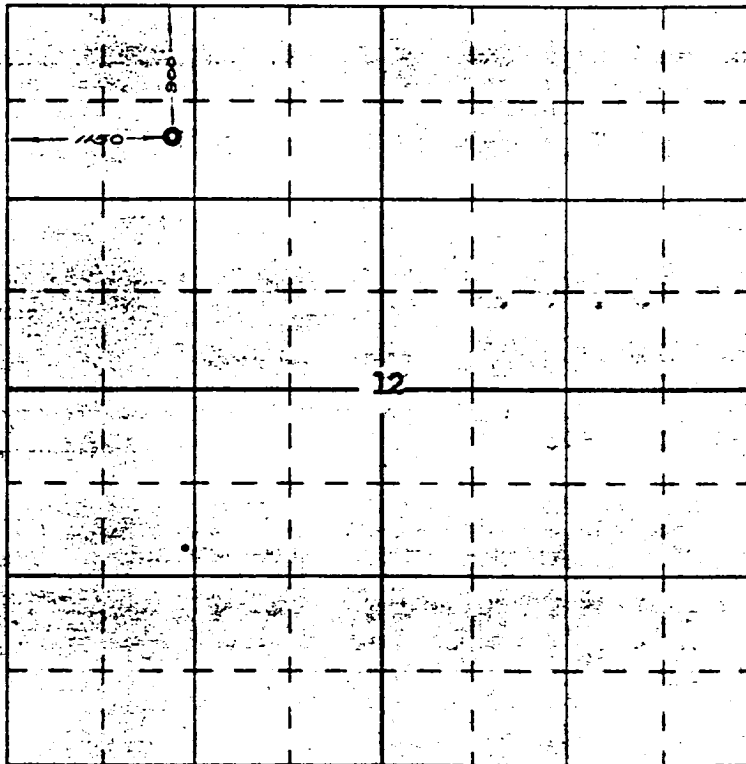
Location 900' from the North line and 1150' from the West line,

Being in the NW¹ of the NW¹

Sec. 12, T 26N., R 9 W., N.M.P.M., San Juan County, New Mexico.

Ground Elevation

5397



Scale -- 4 inches equals 1 mile

Surveyed October 26, 1954

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Ernest V. Echobawk

Registered Professional
Engineer and Land Surveyor.
Ernest V. Echobawk
N. Mex. Reg. No. 1545



Ernest V. Echobawk
New Mexico