

BURLINGTON RESOURCES

SAN JUAN DIVISION

July 31, 1998

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

RECEIVED
AUG 3 1998

OIL CON. DIV.
DIST. 3

Att: Mr. Roy Johnson

Dear Mr. Johnson:

This is an application for variance to Rule 107 Section 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.

Pipkin #4	NE Section 18, T-27-N, R-10-W	30-045-06556
Huerfanito Unit #49	NE Section 35, T-27-N, R-9-W	30-045-06155
Huerfanito Unit #25	SE Section 4, T-26-N, R-9-W	30-045-05998
Huerfanito Unit #24	SW Section 4, T-26-N, R-9-W	30-045-06030
Huerfano Unit #47	NE Section 9, T-26-N, R-9-W	30-045-05971
McConnell #2	SE Section 13, T-26-N, R-9-W	30-045-05816
McConnell #3	NE Section 13, T-26-N, R-9-W	30-045-05854

In addition, we intend to workover the following Pictured Cliffs wells which currently have 3 1/2" casing. We will stimulate and fracture treat these wells, and will run no tubing back in the wells.

Summit B #5	NW Section 33, T-29-N, R-11-W	30-045-60273
Whitley #1	NW Section 17, T-27-N, R-9-W	30-045-06531
Aztec #6	SE Section 14, T-28-N, R-11-W	30-045-07393
Mangum #3	SE Section 28, T-29-N, R-11-W	30-045-07810
Atlantic C #8	NE Section 31, T-31-N, R-10-W	30-045-20137
Florance #8	NW Section 20, T-30-N, R-9-W	30-045-20462
Pierce #9	NW Section 7, T-30-N, R-9-W	30-045-20475
Sunray B #7	SW Section 15, T-30-N, R-10-W	30-045-20846
Sunray A #5	SE Section 10, T-30-N, R-10-W	30-045-20894
Summit #7	K SE Section 34, T-29-N, R-11-W	30-045-21530

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.

Pipkin # 4
Pertinent Data Sheet

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API #: 300450655600

Location: 990 ' FNL & 990 ' FEL, Unit A, Section 18, T27N, R10W, San Juan County, New Mexico

Latitude: 36 ° - 34.79 '

Longitude: 107 ° - 55.83 '

Field: Fulcher Kutz PC

Elevation: 5,933 ' GL
5,940 ' KB

TD: 1,825 '

PBTD: 1,811 '

DP #: 50856A

Lease: NM 217300

GWI: 100 %

NRI: 84.5 %

Prop#: 12569300

Spud Date: 11/15/51

Compl Date: 12/15/51

Initial Potential: 324 Mcfd

Original SIP: 544 psi

Casing Record:

<u>Hole Size (In.)</u>	<u>Csg Size (In.)</u>	<u>Wt. (#'s) & Grade</u>	<u>Depth Set (Ft.)</u>	<u>Cement (Sx.)</u>	<u>Cement (Top)</u>
12 1/4 est	8 5/8	28 J-55	116	60	circ to surf
7 7/8	5 4/7	14.65 Line Pipe	1,715	100	985' (TS)
4 3/4	openhole		1,715 -1,825		

Tubing Record:

<u>Tbg. Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>	<u># Joints</u>	<u>Comments</u>
2 3/8"	4.7 J-55	1,702 '	57 (est)	Pkr @ 1676

Formation Tops:

Ojo Alamo: 660 '
Kirtland Shale: 800 '
Fruitland: 1,412 '
Pictured Cliffs: 1,712 '

Logging Record:

Original Stimulation: SOH w/190 qts SNG

Workover History: None

Production History: 5/98 PC capacity: 14 MCF/D. 5/98 PC cum: 363 MMCF.

Pipeline: EPNG

Pipkin # 4

Section 18 A, T-27 -N R-10 -W
San Juan, New Mexico

Fulcher Kutz Pictured Cliffs Field Wellbore Schematic

Cmt Top
circ to surf @ Surf (circ)

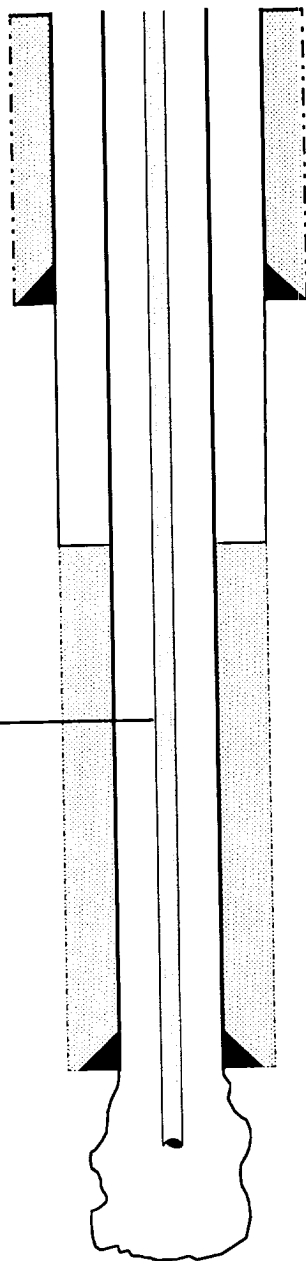
CURRENT

Elevation 5,933' GL 5,940' KB

8 5/8" 28# J-55 Casing
Set @ 116'
Cmt'd w/ 60 sx

2 3/8" 4.7# J-55
Set @ 1,702'
57 (est) Jts.

5 4/7" 14.65# Line Pipe
Casing
Set @ 1,715'
Cmt'd w/ 100 sx
SOH w/190 qts SNG



PBTD @ 1,811'
TD @ 1,825'

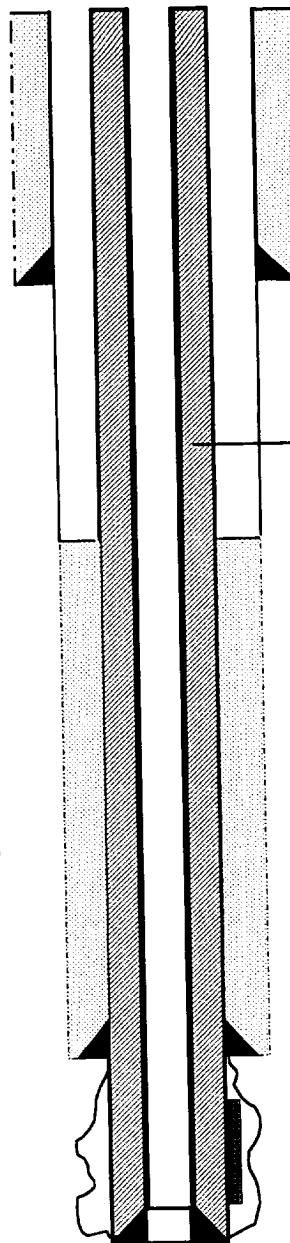
Top of Ojo Alamo @ 660'

Top of Kirtland @ 800'

Top of Fruitland @ 1,412'

Top of Pictured Cliffs @ 1,712'

PROPOSED



PBTD @ $\approx$ 1,858'
TD @ $\approx$ 1,862'

3 1/2" 9.2# J-55
Casing Set @ 1,862'
Cmt to Surf.

Perf & Foam Frac
1,715 - 1,858'
Frac with 150,000#
20/40 sand