

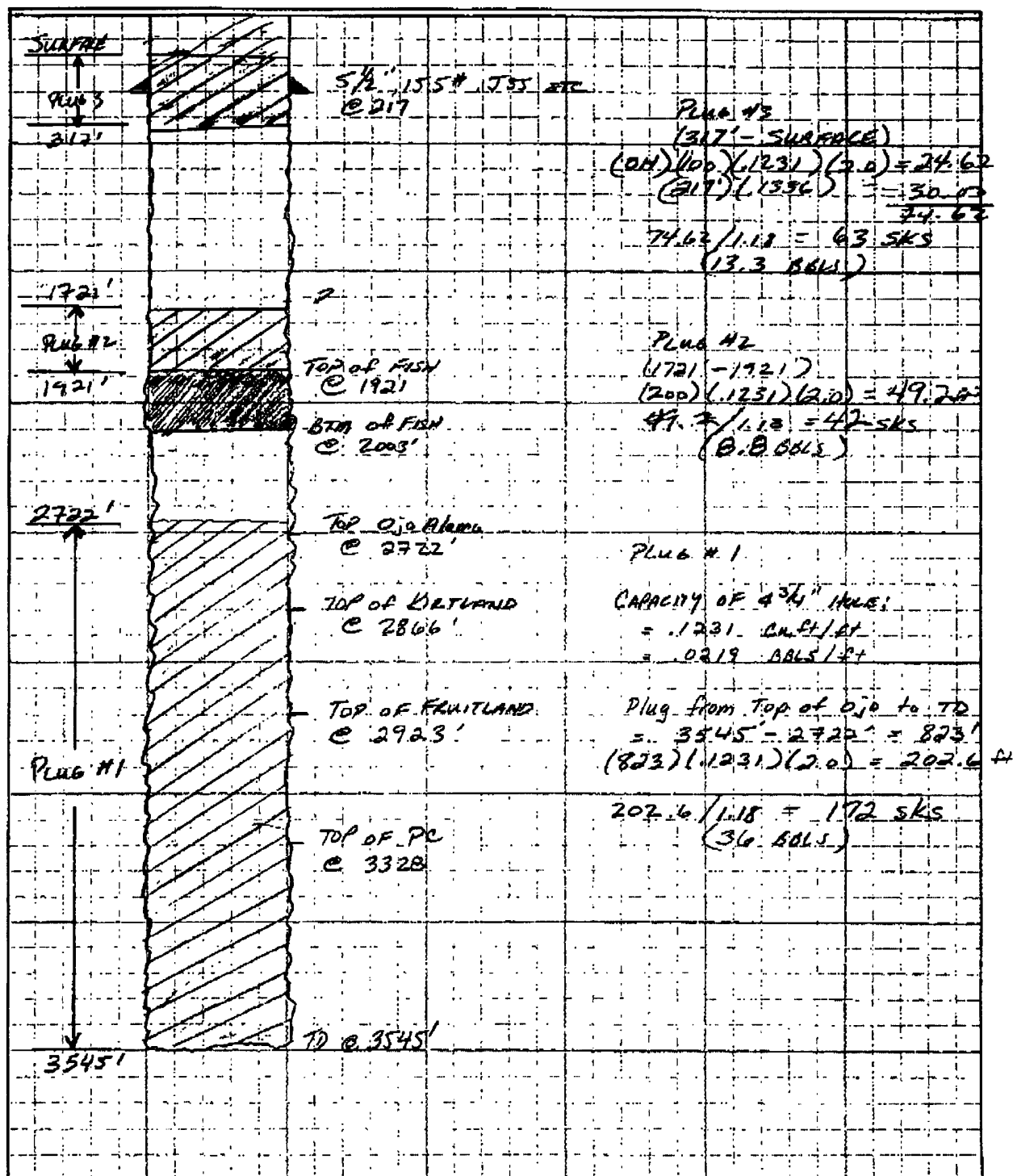
BR-0139A (7-98)

**BURLINGTON
RESOURCES**
ENGINEERING CALCULATION

Sheet: _____ of _____
Date: _____
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SJ 27-5 #156A - P&A

G-22-27N-5W



OPERATIONS PLAN

Well Name: Riddle B #2C
Surface Location: 1400' FSL, 660' FEL, Section 23, T-30-N, R-10-W
San Juan County, New Mexico
Latitude 36° 47.7, Longitude 107° 50.8

Formation: Blanco Mesa Verde
Elevation: 6227' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1539'	aquifer
Ojo Alamo	1539'	1678'	aquifer
Kirtland	1678'	2305'	gas
Intermediate TD	1778'		
Fruitland	2305'	2839'	gas
Pictured Cliffs	2839'	3002'	gas
Lewis	3002'	3565'	gas
Mesa Verde	3565'	3823'	gas
Chacra	3823'	4449'	gas
Massive Cliff House	4449'	4614'	gas
Menefee	4614'	5064'	gas
Point Lookout	5064'		gas
Total Depth	5464'		

Logging Program:

Cased hole logging - Gamma Ray, Cement bond from surface to TD
Mud Logs/Coring/DST - none

Mud Program:

<u>Interval- MD</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 80'	Spud	8.4-9.0	40-50	no control
80- 1778'	LSND	8.4-9.0	30-60	no control
1778- 5464'	Air/Mist	n/a	n/a	n/a

Pit levels will be visually monitored to detect gain or loss of fluid control.

Casing Program (as listed, the equivalent, or better):

<u>Hole Size</u>	<u>Measured Depth</u>	<u>Csg Size</u>	<u>Weight</u>	<u>Grade</u>
12 1/4"	0' - 80'	9 5/8"	32.3#	H-40
8 3/4"	0' - 1778'	7"	20.0#	J-55
6 1/4"	1678' - 5464'	4 1/2"	10.5#	J-55

Tubing Program: 0' -5464' 2 3/8" 4.7# J-55

BOP Specifications, Wellhead and Tests:

Surface to Intermediate TD -

11" 2000 psi minimum double gate BOP stack (Reference Figure #1).
After nipple-up prior to drilling out surface casing, rams and casing will be tested to 600 psi for 30 minutes.