

Merrion Oil & Gas Corporation**Plug Back to Fruitland Coal Procedure (Amended to Include P&A)**

December 1, 1997

Well:	Santa Fe 20 #6	Field:	Fruitland Coal
Location:	1150' fml & 720' fel (ne ne) Sec. 20, T21N, R8W San Juan County, New Mexico	Elevation:	6,576' GL 6,589' RKB
		By:	Connie Dinning

Procedure:**Prior to Move In**

1. Check wellsite for anchors.
2. Open tubing and casing to atmosphere to vent.

Plug Mesaverde Interval & Perforate Coal

1. MIRU Petro wireline. RIH under lubricator and set CIBP @ $\pm 1188'$ KB.
2. Load hole and test CIBP.
3. RIH w/ casing gun and perforate Fruitland Coal through production and surface casing strings 2 jsf at the following intervals: 278' - 286', 264' - 270', 252' - 259', 240' - 246' KB.

Fruitland Coal Test

1. MIRU JC Well Service.
2. ND WH, NU BOPs. RIH w/ 7 js 2 3/8" EUE tubing w/ SN, set @ $\approx 250'$ KB.
3. Swab well to unload and test gas production, evaluate need for further stimulation.
4. If test is not satisfactory, continue w/ plugging procedure, otherwise put well on to production, RDMOL.

Plug and Abandon

1. Plug #1 (Mesaverde perforations and top $\pm 1188'$ - 1116'): Mix 14 sx (17 cu ft) Class B cement and spot a balanced plug to cover the Mesaverde top. TOH to 316'.
2. Plug #2 (9 5/8" casing shoe at 258' and PC top @ 288'): Mix 37 sx (43 cu ft) Class B cement and establish circulation out casing valve. Pump additional cement as needed to seal off Fruitland perms.
- ~~3. Mix and pump 40 sx Class B cement down bradenhead.~~
4. ND BOPs and cut off casing below surface. Install P&A marker with cement to comply with regulations. RDMOL, cut off anchors and restore location.

Verbal Approval/
Johnny R

Merrion Oil & Gas Corporation
Wellbore Schematic
Santa Fe 20 No. 5
Proposed Wellbore Configuration

Location: 1150' fnl & 720' fel (ne ne)
 Sec 20, T21N, R08W
 San Juan Co, New Mexico

Date: Dec 1, 1997

Elevation: 6576' GL
 6589' RKB

Prepared by: Connie S. Dinning

