

Dec 8
OCD

July 24, 1991

Bedford Procedure - Canyon Largo Unit #248 PC Meridian
NW, 36, 25N, 7W 2-7/8" Csg, 1-1/4" Tbg

Need:

1. Has Anchors, Needs Pit, Need Bowen BOP and swedge to 2-1/2" line pipe
2. 1-1/4" Elevators
3. Mud - None Cement - 180 sxs

Procedure:

1. MO & RU, Blow well down and NU Bowen BOP.
2. POOH with tubing and packer, Packer may be in compression or tension ??; RIH with open ended tubing to 2200'.
3. Plug #1 Pc perfs from 2500' to 1335' with 32 sxs cement, may do in two plugs of 16 sxs each. *1700' -*
4. WOC and tag cement; Pressure test casing; Perforate at 1335'; RIH to 1335'.
5. Plug #2 from 1335' to 1185' with 39 sxs outside casing and 4 sxs in, spot cement then POO cement and squeeze out casing.
6. WOC then tag cement; Plug #3 From 1185 to 200' with 27 sxs to fill casing.
7. POOH and LD tubing; Perforate at 200'.
8. Plug #4 from 200' to surface with 60 sxs, cir to surface.
9. Cut off wellhead and install P&A marker; Rig down.

Directions:

Ask Bill to take you there!

**Plug and Abandonment Procedure
Canyon Largo Unit #248**

Charlie

DCD

Note : Notify Mark Kelly with the Farmington BLM office (326-6201) at least 24 hours prior to commencement of plugging operations.

1. MIRU Bedford rig on location and blow down well, kill with water if needed. ND WH and NU BOP assembly.
2. Release packer by picking straight up on tubing. TOOH with tubing and packer. TIH with tubing open ended to 2200'.
3. Mix and place Class B neat cement (15.6 ppg, 1.18 ft³/sx yield, 5.2 gal of water/sx) from PBDT (2581') to 1335' by spotting cement 600' at a time and pulling the tubing to above the cement top.
4. Perforate 2 squeeze holes at 1335'. TIH with tubing open ended to 1300' and establish an injection rate out the squeeze holes with the bradenhead valve open, then pump 35 sxs (7.4 bbls) of cement into the casing annulus. Close the bradenhead valve and spot 5 sxs (1 bbl) of cement in the casing. TOOH with the tubing. This will cover 50' above and below the freshwater sand top at 1285' behind the pipe.
1185'
5. Continue out of the hole *200* the casing with cement 600' at a time. Perforate two squeeze holes at 450'. Circulate 87 sacks of cement on the inside and outside of the casing from 150' to surface.
6. Cut off wellhead and set abandoned well marker.

LKS
LKS

R.F. Headrick
R.F. Headrick

Services :

Bedford, Inc. Rig, cement, perf, BOP, and dry hole marker. Bill Clark 325-1211

water,
BILL CLARK 7/16/91 *cf/ft Out*

1185-1335

$$27\frac{1}{8} \times 7\frac{7}{8} \times 150' = .3084 - 39 \text{ sxs}$$

$$27\frac{1}{8} \times 6\frac{1}{4} \times 150' = .1680 - 21 \text{ sxs}$$

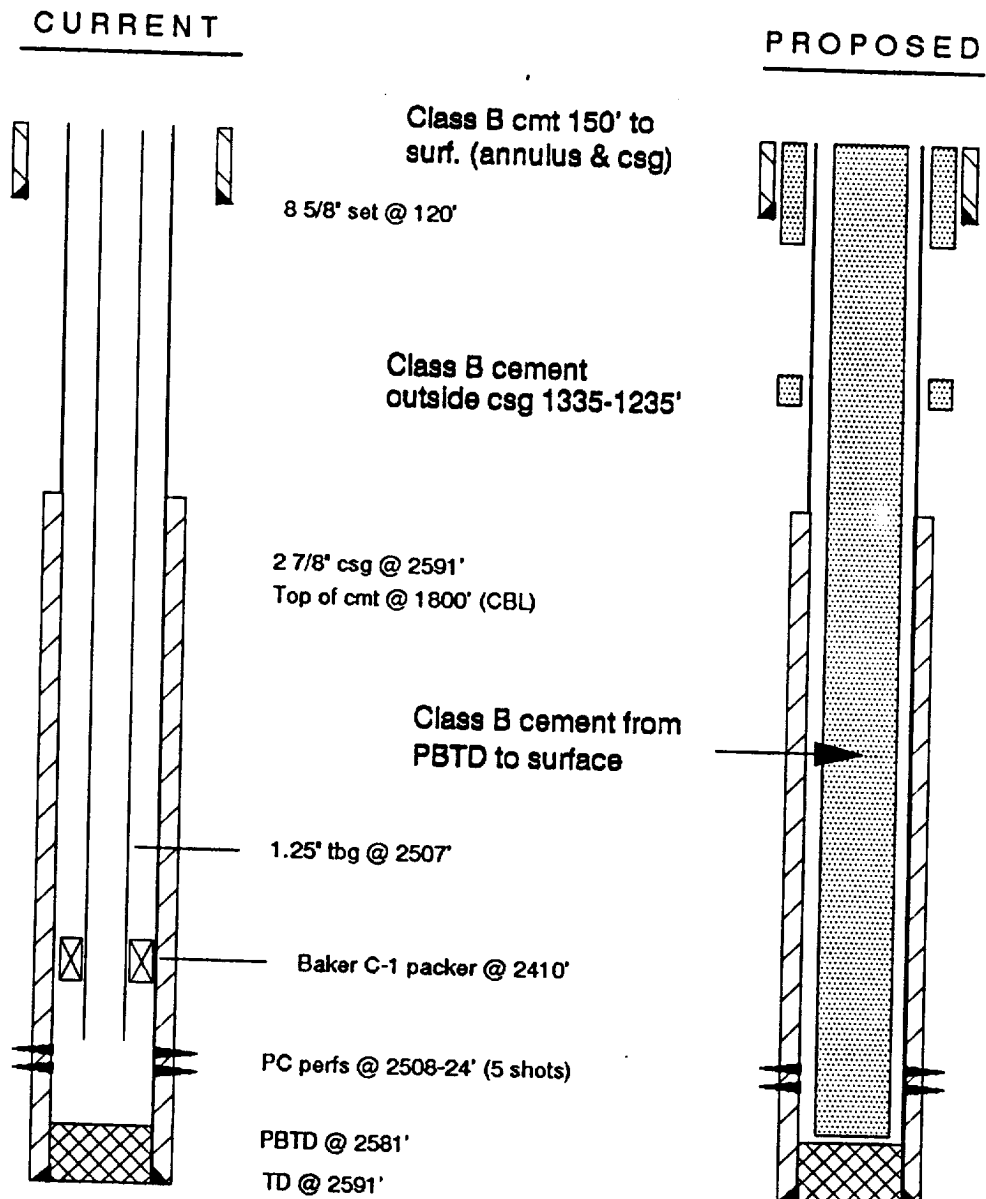
$$27\frac{1}{8} \times 4\frac{5}{8} \times 150' = .3125 - 4 \text{ sxs}$$

$$27\frac{1}{8} \times 2\frac{1}{2} \times 150' = .1562 - 2 \text{ sxs}$$

$$.3084 + .1680 + .3125 + .1562 = .9451 - 66 \text{ sxs}$$

Canyon Largo Unit #248
Unit E Sect 36-T25N-R7W
Rio Arriba County, New Mexico

Wellbore Schematic



Pertinent Data Sheet - Canyon Largo Unit #248

Location: Unit E, Section 36, T-25-N, R-7-W, Rio Arriba County, New Mexico

Field: Ballard Pictured Cliffs

Elevation: 6769'GL

TD: 2591'

PBTD: 2581'

Completed: 6/76

Initial Potential: 1236 MCFD

Casing Record:

<u>Csg. Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>	<u>Top/Cement</u>
8 5/8"	24.0#	120'	Surface
2 7/8"	6.4# H-40	2581'	1800' (Temp Survey)

Tubing Record: 1 1/4"/2.33#/IJ set @ 2507'. Baker C-1 Invertible packer set @ 2410'.

Formation Tops:

Ojo Alamo	1815'
Kirtland	1945'
Fruitland	2235'
Pic. Cliffs	2475'

Logging Record: IES, CDL/GR, Temp. Survey.

Stimulation: Perf'd 2508, 2512, 2516, 2520, and 2524 with 1 shot each. Frac'd with 26,000# 20/40 sand and 29,000 gallons water.

Workover History: 3/90 - Ran tubing and packer to isolate casing leak for test.

Production History: Initial Deliverability - 7/76 240 MCFD
Latest Deliverability - 1/91 0 MCFD
Cumulative Production - 1/91 117 MMCF

Transporter : EPNG

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION

Form C-103

Sundry Notices and Reports on Wells

1. Type of Well
GAS

API NO. (assigned by OCD)

2. Name of Operator
Meridian Oil Inc.

5. Type of Lease
State

3. Address of Operator
PO Box 4289, Farmington, NM 87499

6. State Oil & Gas Lease #
E-809-12

4. Well Location
1660'N, 1010'W

7. Lease Name/Unit Name
Canyon Largo Unit

Sec. 36, T-25-N, R-7 -W NMPM

8. Well No.
248

Rio Arriba County

9. Pool Name or Wildcat
Ballard Pictured Cliffs

10. Elevations
6769' 'GR

11. Intent to/Subsequent Report of : plug & abandonment

12. Describe proposed or completed operations:

It is intended to plug & abandon the subject well by placing Class "B" neat cement (15.6 ppg) from the PBTD @ 2581' to the surface. In addition, a plug will be spotted on the outside of the casing from 1335' to 1235' to cover a fresh water zone. Cement will then be placed in the casing annulus from 150' to surface to cover the surface casing.

RECEIVED

JUN 20 1991

OIL CON. DIV.
DIST. 3

SIGNATURE

[Signature] (LS)

Regulatory Affairs

6-18-91

Date

(This space for State use)

APPROVED BY Original Signed by CHARLES GHOLSON

CONDITION OF APPROVAL, IF ANY:

DEPUTY OIL & GAS INSPECTOR, DIST. # DATE

JUN 20 1991

OUTSIDE PLUG 1335'-1185'. PERF. AT 200' CIRC
CMT TO SURFACE

STATE H H,

0 2-23-2-23-7

3-24-6-1