

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

<p>1. Type of Well GAS</p>	<p>5. Lease Number SF-078987</p> <p>6. If Indian, All. or Tribe Name</p>																								
<p>2. Name of Operator MERIDIAN OIL</p>	<p>7. Unit Agreement Name Canyon Largo Unit</p>																								
<p>3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700</p>	<p>8. Well Name & Number Canyon Largo U #18</p> <p>9. API Well No.</p>																								
<p>4. Location of Well, Footage, Sec., T, R, M 1450'FSL, 990'FWL Sec.35, T-25-N, R-7-W, NMPM</p>	<p>10. Field and Pool S.Blanco PC Ext</p> <p>11. County and State Rio Arriba Co, NM</p>																								
<p>12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA</p> <table border="0"> <tr> <th>Type of Submission</th> <th>Type of Action</th> </tr> <tr> <td><input checked="" type="checkbox"/> Notice of Intent</td> <td><input checked="" type="checkbox"/> Abandonment</td> </tr> <tr> <td><input type="checkbox"/> Subsequent Report</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Final Abandonment</td> <td><input type="checkbox"/> Plugging Back</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Casing Repair</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Altering Casing</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Other -</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Change of Plans</td> </tr> <tr> <td></td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Non-Routine Fracturing</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Water Shut off</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Conversion to Injection</td> </tr> </table>		Type of Submission	Type of Action	<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back		<input type="checkbox"/> Casing Repair		<input type="checkbox"/> Altering Casing		<input type="checkbox"/> Other -		<input type="checkbox"/> Change of Plans		<input type="checkbox"/> New Construction		<input type="checkbox"/> Non-Routine Fracturing		<input type="checkbox"/> Water Shut off		<input type="checkbox"/> Conversion to Injection
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13. Describe Proposed or Completed Operations

It is intended to plug and abandon this well per the attached procedure and wellbore diagram.

RECEIVED
AUG 17 1993
OIL CON. DIV.
DIST. 3

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

RECEIVED
BLM
93 JUL 23 AM 9:23
070 FARMINGTON, NM

14. I hereby certify that the foregoing is true and correct.

Signed [Signature] (TM) Title Regulatory Affairs Date 7/21/93

(This space for Federal or State Office use)
APPROVED BY _____ Title _____
CONDITION OF APPROVAL, if any:

APPROVED
Date AUG 12 1993
DISTRICT MANAGER

**Canyon Largo Unit # 18
Pictured Cliffs Plug & Abandonment Procedure
Unit A, Section 10-T25N-R06W**

Prior to starting operation. Construct Fenced Blow Pit, Install & Test Rig Anchors. Contact BLM 24 hours prior to commencing abandonment operations. (327-5344). Comply with all BLM, NMOCD, & MOI rules and regulations. All cement will be Class 'B' Neat 15.6 ppg.

1. Move on verified location. Hold Safety Meeting, (explain planned activity). Spot all necessary equipment & lines.
2. RU workover rig. Record all WH pressures prior to workover. Dig out cellar. Blow well down. ND WH NU BOP. Test operation of BOP.
3. TOOH & LD 1-1/4" EUE tubing from 2551'. (85 jts). Visually inspect and record condition of tubing. Change out rams to 2-3/8".
4. PU 5-1/2" casing scraper & 2-3/8" tubing. TIH w/scraper on 2-3/8" to 2500'. (Approximately 83 jts). TOOH & LD scraper.
5. PU 5-1/2" cement retainer & TIH on 2-3/8". Set retainer @ 2500'. Load hole w/water. Test tubing to 1500 psi, Test casing to 500 psi. Establish & record rate below retainer. PLUG # 1. Mix & pump 40 sxs Class 'B' Neat cement (100% Excess) below retainer. Max Pressure 1500 psi. Unsting from retainer. Place 47 sxs cement (50% Excess inside pipe) on top of retainer. This will cover the producing interval and the Fruitland to 2226'. Pull up and Reverse out.
6. Mix & Place 6.5 bbls 9.0 ppg 50 visc Mud inside pipe from 2226' to 1960'. Pull up & reverse w/water.
7. Plug # 2. Mix & pump 30 sxs Class 'B' Neat cement inside pipe (25% Excess inside pipe) to cover 50' above & below the Ojo Alamo formation inside & outside pipe from 1960' to 1750'. Pull up and Reverse out.
8. Mix & Place 13.5 bbls 9.0 ppg 50 visc Mud inside pipe from 1750' to 1190'. TOOH with stinger. LD unneeded jts.
9. w/ wireline. Perforate 2 - 0.50" holes @ 1190'. These perforations are to ensure cement coverage across any shallow fresh water sands.

RECEIVED
BLM
09 JUL 23 AM 9:23
OJO ALAMO FORMATION, NM

10. PU 5-1/2" cement retainer & TIH on 2-3/8". Set retainer @ 1080'. Load hole w/water. Test tubing to 1500 psi, Test casing to 500 psi. Establish & record rate below retainer. PLUG # 3 Mix & pump 46 sxs Class 'B' Neat cement (100% Excess) below retainer. Max Pressure 1500 psi. Unsting from retainer. Place 5 sxs cement on top of retainer. Pull up and Reverse out. This will ensure cement coverage inside & outside pipe for 100' across a shallow fresh water sand with excess.
11. Mix & Place 20.5 bbls 9.0 ppg 50 visc Mud inside pipe from 1036' to 180'. TOO H & LD 2-3/8".
12. w/wireline. Perforate 2 - 0.50" holes @ 180'. These perforations are 50' below the surface casing shoe, and will allow for circulation of cement to surface.
13. NU to casing. Establish rate down casing and circulate out bradenhead w/ water. Mix & pump 64 sxs Class 'B' Neat cement (50% Excess) down casing and circulate good cement out bradenhead.
14. RD workover rig. Cut off WH below casinghead. Install dry hole marker & restore location per governmental regulations.
15. Give final notice to BLM once all Plug & Abandonment work has been completed.

Approved:

K. F. Raybon
Production Superintendent

Concur:

L. L. Byars
Production Foreman

Suggested Vendors & Telephone Numbers:

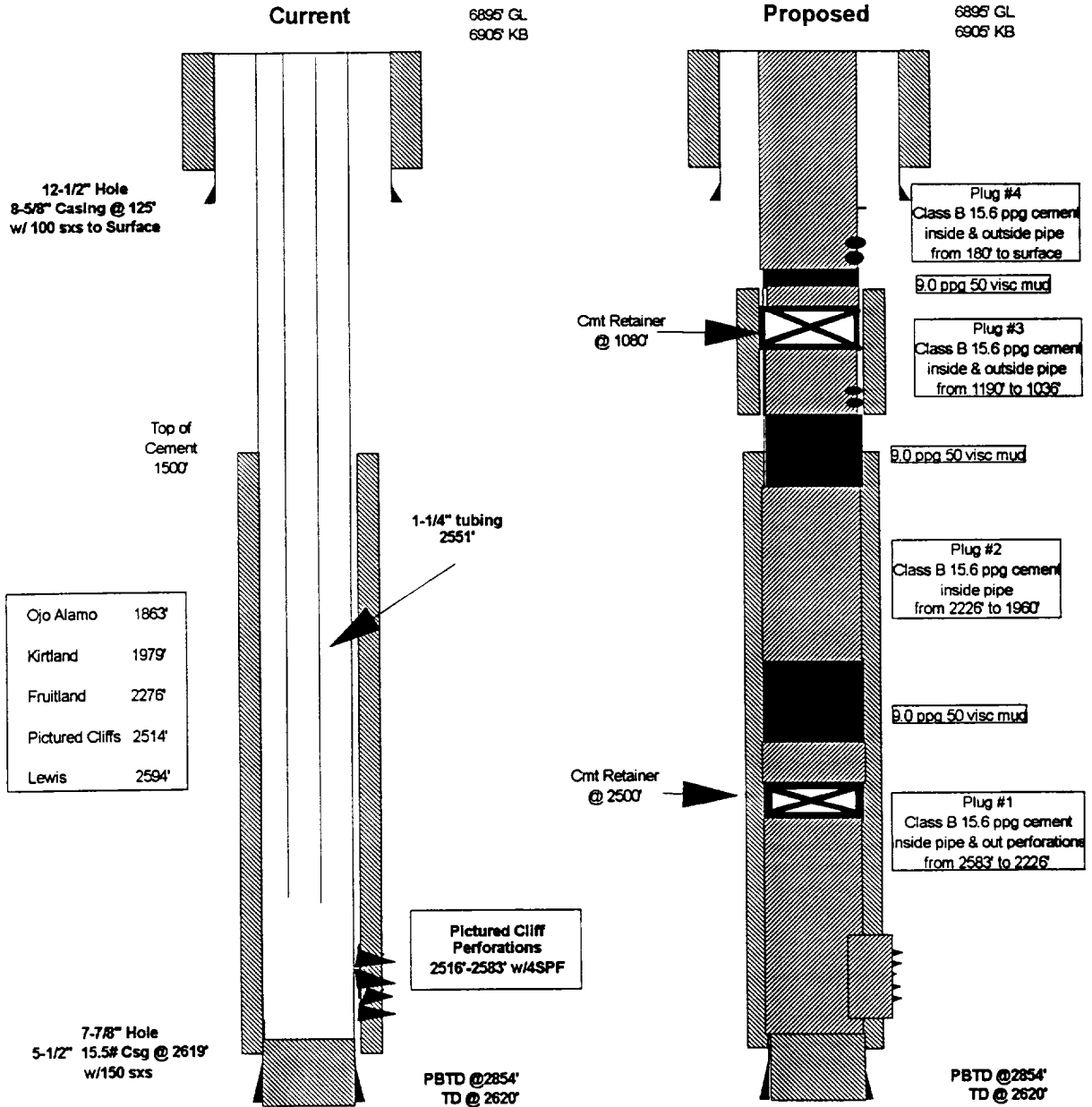
A+ Well Service	325-2627
L. L. Byars	326-9865
T. E. Mullins	326-9546
BLM	327-5344

RECEIVED
BLM
03 JUL 23 AM 9:23
070 FACILITATION, NM

CANYON LARGO UNIT #18

T25NR06W10A

P & A WELL



This well will be plugged with cement.
2 perforation holes for Plug #2 @ 2300'.
2 perforation holes for Plug #3 @ 1000'.
2 perforation holes for Plug #4 @ 150'.

IN REPLY REFER TO
(019)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401

Attachment to Notice of

Re: Permanent Abandonment

Intention to Abandon

Well: 18 Canyon Largo unit.

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal Leases."

2. Mark 14/16 with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907

3. Blowout prevention equipment is required.

4. The following modifications to your plugging program are to be made (when applicable):

- 1.) Place the Oso Alamo plug from 2030' to 1811'.
(Oso Alamo Top 1811', btm. 1980') Use 50% excess cement.