

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

Sundry Notices and Reports on Wells

95 SEP 16 PM 12:55

070 FARMINGTON, NM

1. Type of Well
GAS

2. Name of Operator

MERIDIAN OIL

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

1840' FNL, 995' FWL, Sec. 21, T-30-N, R-8-W, NMPM

E

5. Lease Number
SF-078578A
If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Howell K #303

9. API Well No.
30-045-26933

10. Field and Pool
Basin Fruitland Coal

11. County and State
San Juan Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

Type of Action

☒ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other -
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut off
☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram.

RECEIVED
OCT - 2 1996

OIL CON. DIV.
DIST. 3

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

Signed [Signature] (KLM6) Title Regulatory Administrator Date 9/16/96

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____
CONDITION OF APPROVAL, if any:

APPROVED

SEP 26 1996

NMOC

PLUG & ABANDONMENT PROCEDURE

HOWELL K #303

DPNO: 3132A
Fruitland Coal
Unit E, Sec. 21, T30N, R08W
San Juan Co., New Mexico
Lat. / Long.: 107.686279 - 36.798950

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM, and BROG safety regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and NU BOP. Test BOP.
3. Pull and tally 2-3/8" tubing (80 joints, 2596'). Visually inspect the tubing. If necessary, PU 2-3/8" workstring. Run 7" gauge ring or casing scraper to 2425'.
4. **Plug #1: (Open hole and Fruitland top; 2610' - 2290'):** PU and RIH with wireline and 7" cement retainer, set at 2425'. RIH with 2-3/8" workstring to 2425'. Load casing and pressure test to 500 psi. Mix 103 sxs Class B cement and squeeze 67 sxs below cement retainer and leave 36 sxs above cement retainer to cover Fruitland top. PUH to 1683'.
5. **Plug #2 (Kirtland and Ojo Alamo tops, 1683' - 1392'):** Mix 66 sxs Class B cement and spot a balanced plug inside casing to cover Ojo Alamo top. POOH.
6. **Plug #3 (Nacimiento top and surface, 245' - Surface):** Perforate 2 holes @ 245'. Establish circulation out casing valve. Mix and pump approximately 87 sxs Class B cement down casing, circulate good cement out casing valve. WOC.
7. NU BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended: _____

Operations Engineer

Kevin F. Midkiff 9/13/96

Approval: _____

Production Superintendent

Contacts: Operations Engineer

Kevin Midkiff

326-9807

564-1653 (Pager)

Howell K #303

Current -- 9/3/96

DPNO: 3132A

Fruitland Coal

1840' FNL, 995' FWL

Unit E, Sec. 21, T30N, R08W, San Juan County, NM

Long. / Lat.: 107.686279 - 36.798950

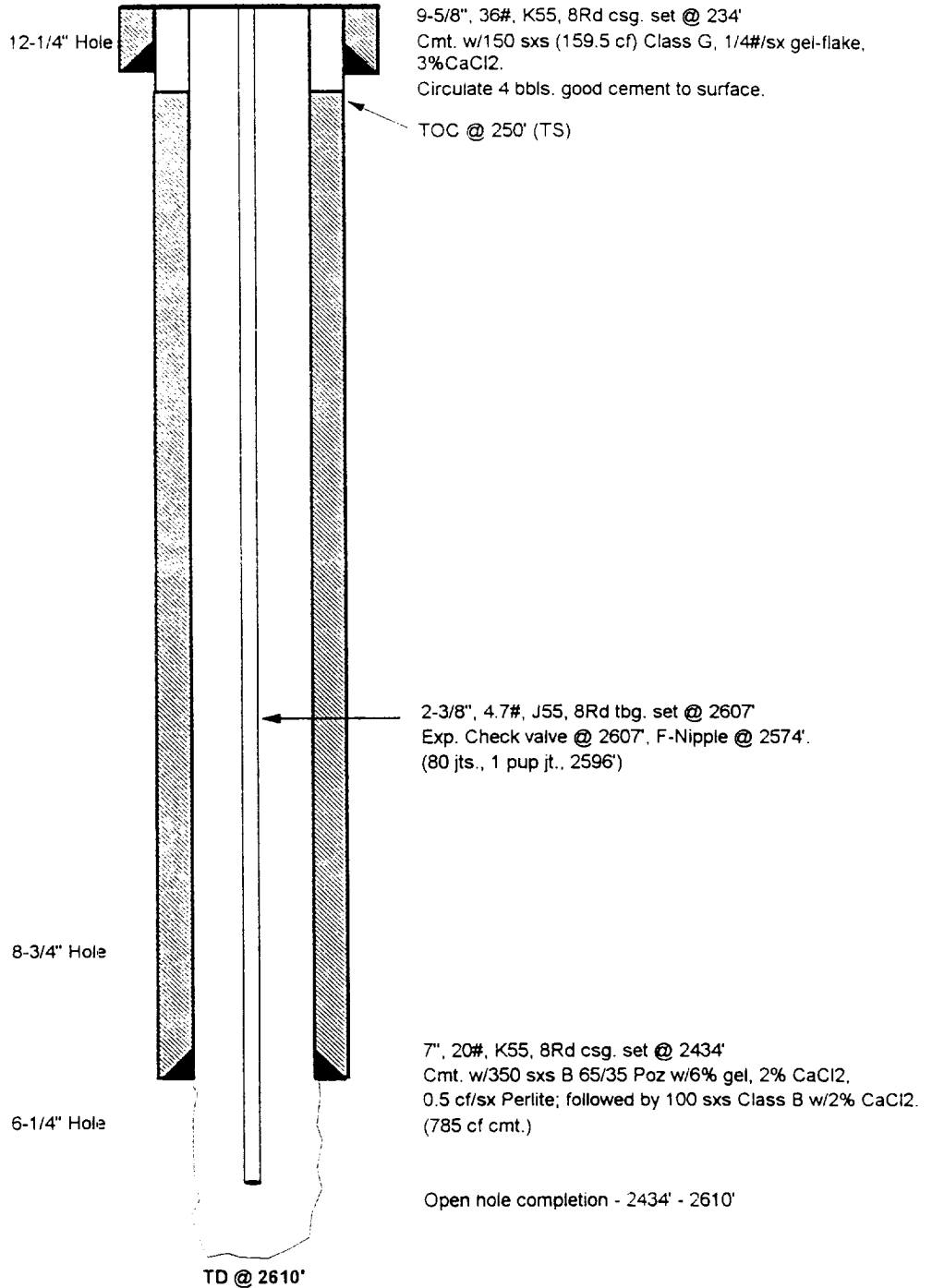
Spud: 6/5/88
Completed : 6/19/88
Elevation: 5869' KB
5858' GL
Logs: Coal log, Comp. Neutron Log,
VDL, Digital Sonic log, Dual
Ind., Density, TS

Nacimiento @ 215'

Ojo Alamo @ 1442'

Kirtland @ 1633'

Fruitland Coal @ 2340'



Howell K #303

Proposed P&A

DPNO: 3132A

Fruitland Coal

1840' FNL, 995' FWL

Unit E, Sec. 21, T30N, R08W, San Juan County, NM

Long. / Lat: 107.686279 - 36.798950

Spud: 6/5/88
Completed: 6/19/88
Elevation: 5869' KB
5858' GL

Logs: Coal log, Comp. Neutron Log,
VDL, Digital Sonic log, Dual
Ind., Density, TS

Nacimiento @ 215'

Ojo Alamo @ 1442'

Kirtland @ 1633'

Fruitland Coal @ 2340'

12-1/4" Hole

8-3/4" Hole

6-1/4" Hole

9-5/8", 36#, K55, 8Rd csg. set @ 223'
Cmt. w/150 sxs (159.5 cf) Class G, 1/4#/sx gel-flake,
3%CaCl₂.
Circulate 4 bbls. good cement to surface.

TOC @ 250' (TS)

Plug #3: 245' - Surface

Perf @ 245'

Cmt. w/87 sxs Class B

Plug #2: 1683' - 1392'

Cmt. w/66 sxs Class B

Plug #1: 2610' - 2290'

Set CR @ 2425'; 67 sxs below CR, 36 above CR

Cmt. w/103 sxs Class B

7", 20#, K55, 8Rd csg. set @ 2434'

Cmt. w/350 sxs B 65/35 Poz w/6% gel, 2% CaCl₂,
0.5 cf/sx Perlite; followed by 100 sxs Class B w/2% CaCl₂.
(785 cf cmt.)

Open hole completion - 2434' - 2610'

TD @ 2610'