

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

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
795'FNL, 820'FEL, Sec.1, T-29-N, R-5-W, NMPM

5. Lease Number
NM-2991

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
LaBaca #100

9. API Well No.
30-039-24509

10. Field and Pool
Basin Fruitland Coal

11. County and State
Rio Arriba 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
NOV - 1 1994
OIL CON. DIV.
DIST. 3

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

070 11-01-94
070 11-01-94

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

Signed [Signature] (ROS7) Title Regulatory Affairs Date 10/21/94

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

OCT 28 1994

WATER MANAGEMENT

NMCCD

PERTINENT DATA SHEET

WELLNAME: La Baca #100				DP NUMBER: 3988A PROP. NUMBER: 002059201									
WELL TYPE: Basin Fruitland Coal				ELEVATION: GL: 7600' KB: 7613'									
LOCATION: 795' FNL 820' FEL NE Sec. 1, T29N, R5W Rio Arriba County, New Mexico				INITIAL POTENTIAL: AOF N/A SICP: N/A PSIG									
OWNERSHIP:				DRILLING:									
		GW: 25.0000% NRI: 20.8333%		SPUD DATE: 07-24-89 COMPLETED: 08-13-89 TOTAL DEPTH: 4323' PBTD: 4320' COTD: 4320'									
CASING RECORD:													
<u>HOLE SIZE</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>EQUIP.</u>	<u>CEMENT</u>	<u>TOC</u>						
12-1/4"	9-5/8"	36.0#	K-55	341'	-	271 cf (230 sx)	surface						
7-7/8"	5-1/2"	15.5#	K-55	4323'	-	1499 cf (1270 sx)	surface						
Tubing	2-3/8"	4.7#	J-55	4288'									
Expendable check @ 4288', 1 jt 2-3/8" tbg, F-Nipple @ 4257', 139 jts. 2-3/8", 4.7#, 8rd, J-55, tbg set @ 4288'													
FORMATION TOPS:													
			Nacimiento 1070' Ojo Alamo 3756' Kirtland 3876' Fruitland 4085' Pictured Cliffs 4308'										
LOGGING: ZDL/GR, CN/SL, Prolog, DIFL/GR, Spectralog, CBL/GR/CC, CNL													
PERFORATIONS 4227' - 34', 4238' - 53', 4300' - 04', w/4 SPF, Total 104 holes													
STIMULATION: Frac w/10,000 gal. fresh water and 104,000# 20/40 sand.													
WORKOVER HISTORY: None													
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> PRODUCTION HISTORY: Cumulative as of July 94: Current Rate: </td> <td style="width: 20%; vertical-align: top; text-align: center;"> Gas 0 MMcf 0 Mcfd </td> <td style="width: 20%; vertical-align: top; text-align: center;"> Oil 0 Bbl 0 Bopd </td> <td style="width: 10%; vertical-align: top;"> DATE OF LAST PRODUCTION: </td> <td style="width: 10%; vertical-align: top; text-align: center;"> Gas 0 Mcf/D </td> <td style="width: 10%; vertical-align: top; text-align: center;"> Oil 0 bbl/D </td> </tr> </table>								PRODUCTION HISTORY: Cumulative as of July 94: Current Rate:	Gas 0 MMcf 0 Mcfd	Oil 0 Bbl 0 Bopd	DATE OF LAST PRODUCTION:	Gas 0 Mcf/D	Oil 0 bbl/D
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PIPELINE: N/A													

PLUG & ABANDONMENT PROCEDURE

La Baca #100
Basin Fruitland Coal
NE Section 1, T-29-N, R-05-W
Rio Arriba Co., New Mexico

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 MOI 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. POH and tally 2-3/8" tubing (140 jts @ 4288'), visually inspect. If necessary then LD and PU 2" workstring. Run a 5-1/2" gauge ring or casing scraper to COTD at 4320'.
4. **Plug #1 (Fruitland Coal perforations, Kirtland and Ojo Alamo tops):** PU 5-1/2" cement retainer and RIH; set at 4177'. Establish rate into Fruitland Coal perforations. Mix and pump 88 sx Class B cement , squeeze 29 sx cement below cement retainer from 4304' to 4177' over Fruitland Coal perforations and leave 59 sx on top of retainer, over Kirtland and Ojo Alamo formation tops to 3706'. Pull above cement and circulate well clean. Pressure test casing to 500#. POH to 1120'.
5. **Plug #2 (Nacimiento top):** Mix 17 sx Class B cement and spot a balanced plug from 1120' to 1020'. POH to 391'.
6. **Plug #3 (Surface):** Mix 45 sx Class B cement and spot balanced plug from 391' to surface', circulate good cement out casing valve. POH and LD setting tool and tubing. Shut in well and WOC.
7. ND BOP and cut off wellhead below surface casing. Install P&A marker with cement to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended: _____
Operations Engineer

Approval: _____
Production Superintendent

La Baca #100

CURRENT

Basin Fruitland Coal

NE Section 1, T-29-N, R-5-W, Rio Arriba County, NM

Today's Date: 10/19/94

Spud: 7/24/89

Completed: 8/13/89

12-1/4" hole

9-5/8", 36.0#, K-55, 8rd, Csg set @ 341'
Cmt w/271 cf (230 sx) (Circulated to Surface)

Nacimiento @ 1070'

Ojo Alamo @ 3756'

Kirtland @ 3876'

Fruitland @ 4085'

Pictured Cliffs @ 4308'

140 jts 2-3/8", 4.7#, 8rd, J-55, tbg set @ 4288',
exp. check valve on bottom, F-Nipple @ 4257'

Perforations: 4227' - 34' , 4238' - 53',
4300' - 04', w/4 SFF, Total 104 holes

COTD 4320'

7-7/8" hole

TD 4323'

5-1/2", 15.5#, K-55, 8rd, Csg set @ 4323'
Cmt w/1499 cf (1270 sx) (Circulated to surface)

La Baca #100

PROPOSED

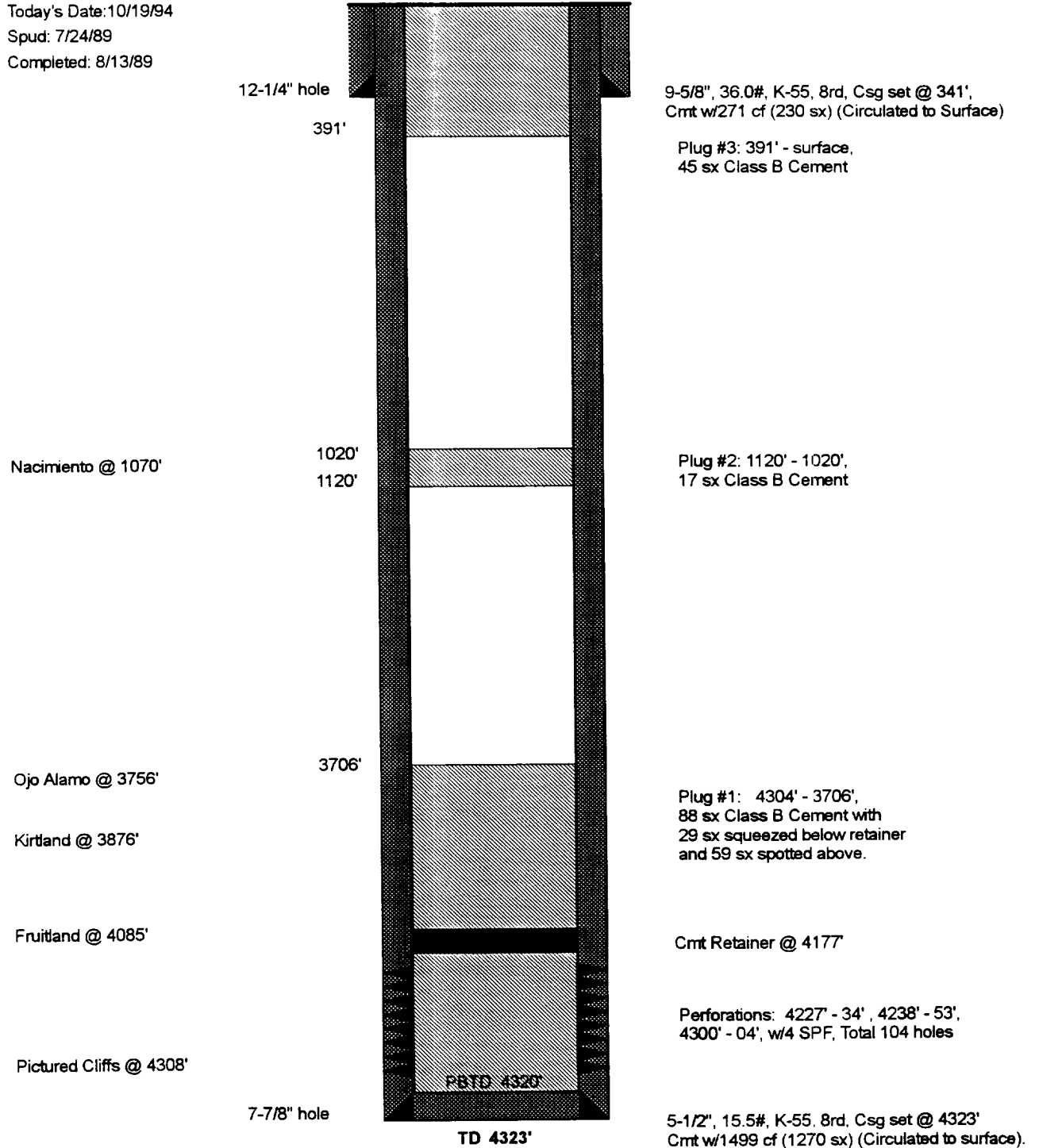
Basin Fruitland Coal

NE Section 1, T-29-N, R-5-W, Rio Arriba County, NM

Today's Date: 10/19/94

Spud: 7/24/89

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UNITED STATES DEPARTMENT OF THE INTERIOR

**BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE**

1235 La Plata Highway
Farmington, New Mexico 87401

Attachment to Notice of
Intention to Abandon

Re: Permanent Abandonment
Well: **100 LaBaca**

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Leases."
2. **Mike Flaniken** with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made (when applicable):
 - 1.) Move the Nacimiento cement plug from 1120'-1020' to 2548'-2448'. (top of Nacimiento @ 2498')