

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BUREAU OF LAND MANAGEMENT
OCT 23 PM 3:31

Summary Notices and Reports on Wells

1. Type of Well

NAE

2. Name of Operator

MERIDIAN OIL

3. Address & Phone No. of Operator

PO Box 4299, Farmington, NM 87499 505 326-9700

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

141°W ECL, 1660' FWL, Sec. 9, T-23-N, R-1-W, NMPM

5. Lease Number

SF-179609

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number

McCroden A #10

9. API Well No.

30-339-24230

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

Type of Action

☐ Notice of Intent☒ Abandonment☐ Change of Plans☒ Subsequent Report☐ Recombination☐ New Construction☐ Final Abandonment☐ Plugging Back☐ Non-Routine Fracturing☐ Casing Repair☐ Water Shut off☐ Altering Casing☐ Conversion to Injection☐ Other -

13. Describe Proposed or Completed Operations

10-10-95 MIPU. SDON.

10-11-95 PT tbg to 300 psi, OK. TOCH w/140 3/4" rods & pump. ND WH. NU BOP. Pump 20 bbl
wtr down tbg. SDON.11-10-95 Pump 15 bbl wtr down tbg. Plug #1: 42 sx Class "B" cmt w/2: calcium chloride @
3006-3574'. TOCH to 2384'. WOC. TIH, tag cmt @ 3119'. TOCH to 2466'. PT csg to
500 psi/5 min, OK. Plug #2: pump 13 sx Class "B" cmt inside csg @ 2299-2466'.
TOCH to 569'. Plug #3: establish circ down csg & cut bradenhead. Pump 52 sx
Class "B" cmt @ 0-569'. Circ 1 bbl cmt to surface. WOC. ND BOP. Cut off WH.
Fill 4 1/2" csg w/4 sx Class "B" cmt. Install dry hole marker w/16 sx Class
"B" cmt. RD. Rig released. Well plugged and abandoned 10-12-95.

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

Signed Donna Madril Title Regulatory Administrator Date 10/20/95

301 Chief, Lands and Mineral Resources

This space for Federal or State Office Use

APPROVED BY Robert Kent Title _____ Date _____

CONDITION OF APPROVAL, if any:

NOV 13 1995

OPERATOR

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

1485' FSL, 1660' FWL, Sec. 9, T-25-N, R-3-W, NMPM

5. Lease Number

SF-079609

6. If Indian, All. or

Tribe Name

7. Unit Agreement Name

8. Well Name & Number

McCroden A #10

9. API Well No.

30-039-24230

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

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☒ Notice of Intent

☒ Abandonment

☐ Change of Plans

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☐ Other -

13. Describe Proposed or Completed Operations

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

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

Signed [Signature] (ROS9) Title Regulatory Affairs Date 6/27/95

(This space for Federal or State Office use)

APPROVED BY Robert Kent Title Chief, Lands and Mineral Resources Date JUL 25 1995

CONDITION OF APPROVAL, if any:

RECEIVED
JUL 26 1995
OIL CON. DIV.
BMT. 3

PERTINENT DATA SHEET

WELLNAME: McCroden A # 10	DP NUMBER: 33243A PROP. NUMBER: 071260301																																
WELL TYPE: Fruitland Coal	ELEVATION: GL: 7145' KB: 7157'																																
LOCATION: 1485' FSL 1660' FWL SW Sec. 9, T25N, R3W Rio Arriba County, New Mexico	INITIAL POTENTIAL: AOF 0 MCF/D SICP: N/A PSIG																																
OWNERSHIP: GWI: 100.000000% NRI: 84.500000%	DRILLING: SPUD DATE: 10-11-88 COMPLETED: 11-30-88 TOTAL DEPTH: 3837' PBTD: 3640' COTD: 3640'																																
CASING RECORD: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">HOLE SIZE</th> <th style="text-align: left;">SIZE</th> <th style="text-align: left;">WEIGHT</th> <th style="text-align: left;">GRADE</th> <th style="text-align: left;">DEPTH</th> <th style="text-align: left;">EQUIP.</th> <th style="text-align: left;">CEMENT</th> <th style="text-align: left;">TOC</th> </tr> </thead> <tbody> <tr> <td>12-1/4"</td> <td>8-5/8"</td> <td>24#</td> <td>K-55</td> <td>495'</td> <td>-</td> <td>325 sx</td> <td>surface</td> </tr> <tr> <td>7-7/8"</td> <td>4-1/2"</td> <td>11.6#</td> <td>K-55</td> <td>3837'</td> <td>FC @ 3797'</td> <td>250 sx</td> <td>2669' (circ)</td> </tr> <tr> <td>Tubing</td> <td>2-3/8"</td> <td>4.7#</td> <td>J-55</td> <td>3574'</td> <td>DV tool @ 2669'</td> <td>580 sx</td> <td>surface</td> </tr> </tbody> </table> <p>1 jt. 2-3/8", SN @ 3541', 112 jts 2-3/8" 4.7#, J-55, tbg set @ 3574' (installed pump and rods 3548')</p>		HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC	12-1/4"	8-5/8"	24#	K-55	495'	-	325 sx	surface	7-7/8"	4-1/2"	11.6#	K-55	3837'	FC @ 3797'	250 sx	2669' (circ)	Tubing	2-3/8"	4.7#	J-55	3574'	DV tool @ 2669'	580 sx	surface
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PERFORATIONS (PC) 3658',60',62',64',68',74',80',86,96',3705',14', Total 11 .32" holes (FTC) 3598'-3556' w/4spf Total 100 .5" holes																																	
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WORKOVER HISTORY: May 1990: Plug back PC and recompleat to FTC. Installed pump and 140 (3548') pony rods with plunger spaced 8" off bottom.																																	
<table style="width: 100%; margin-top: 10px;"> <tr> <td style="width: 40%;">PRODUCTION HISTORY:</td> <td style="width: 10%;"><u>Gas</u></td> <td style="width: 10%;"><u>Oil</u></td> <td style="width: 30%;">DATE OF LAST PRODUCTION:</td> <td style="width: 10%;"><u>Gas</u></td> <td style="width: 10%;"><u>Oil</u></td> </tr> <tr> <td>Cumulative as :</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td style="text-align: center;">N/A</td> <td style="text-align: center;">N/A</td> </tr> <tr> <td>Current Rate:</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> <td></td> </tr> </table>		PRODUCTION HISTORY:	<u>Gas</u>	<u>Oil</u>	DATE OF LAST PRODUCTION:	<u>Gas</u>	<u>Oil</u>	Cumulative as :	0	0		N/A	N/A	Current Rate:	0	0																	
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PLUG AND ABANDONMENT PROCEDURE

McCroden A #10 (FTC)
SW Sec. 9, T25N, R3W
Rio Arriba County, 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. Comply with all NMOCD, BLM and Meridian safety and environmental regulations. Test rig anchors and build blow pit prior to moving in rig.
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.
3. POH and LD pump and rods (140 rods at 3548'). ND wellhead and NU BOP, test BOP. POH and tally 2-3/8" tubing (113 joints at 3574' with SN at 3541'), visually inspect and replace bad joints as necessary.
4. **Plug #1 (Fruitland perforations, Kirtland and Ojo Alamo tops):** RIH with open end 2-3/8" tubing to PBTD at 3640' or as deep as possible and establish rate into perforations with water. Mix and pump 41 sx Class B cement (50% excess long plug) from 3640' to 3270'. Pull above cement and WOC. RIH and tag cement, load casing and circulate clean, pressure test to 500#. POH to 2446'.
5. **Plug #2 (Nacimiento top):** Mix 11 sx Class B cement and spot a balanced plug from 2446' - 2346'.
6. **Plug #3 (surface):** Pull up to 545'. Mix approximately 40 sx Class B cement and spot a balanced plug from 545' - surface. Circulate cement out casing valve. POH and LD tubing.
7. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with BLM regulations. RD, MOL cut off anchors and restore location.

Recommended:


Operations Engineer

Approved:

Production Superintendent

McCroden A #10

CURRENT

Basin Fruitland Coal

SW Section 9, T-25-N, R-3-W, Rio Arriba County, NM

Date: 6/26/95

Spud: 10/11/88

Completed: 11/30/88

Nacimiento @ 2396'

Ojo Alamo @ 3320'

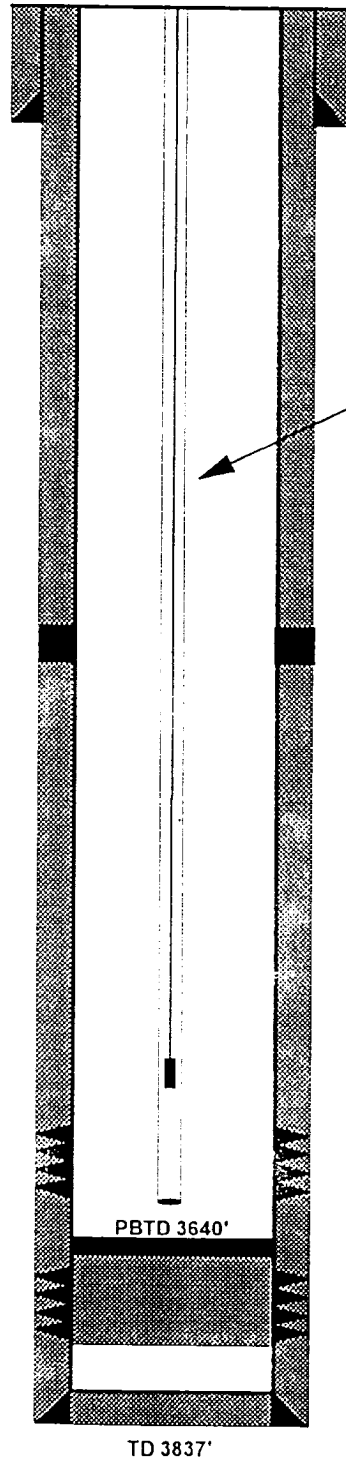
Kirtland @ 3381'

Fruitland @ 3497'

Pictured Cliffs @ 3602'

7-7/8" hole

12-1/4" hole



8-5/8", 24.0#, 8rd, K-55, Csg set @ 495',
Cmt w/325 sx (Circulated to Surface)

Workover 5/11/90: Plug back PC
recomplete to FTC. Set Cmt ret @
3640'. Installed pump and 140 rods
total 3548'.

113 jts 2-3/8" 4.7# EUE, J-55
tubing @ 3574', (SN @ 3541')

Cement w/430 sx (Circulated to
surface)

D.V. tool @ 2669', cmt w/430 sx circulated to surface
TOC @ 2669' (Circulated between stages)

Fruitland Coal Perforations:
3598' - 3556'. Total 100 holes

Cmt. Retainer @ 3640'

Pictured Cliffs Perforations:
3658' - 3714', Total 11 holes

4-1/2", 11.6# K-55, Csg set @ 3837',
Cmt w/250 sx

McCroden A #10

Proposed

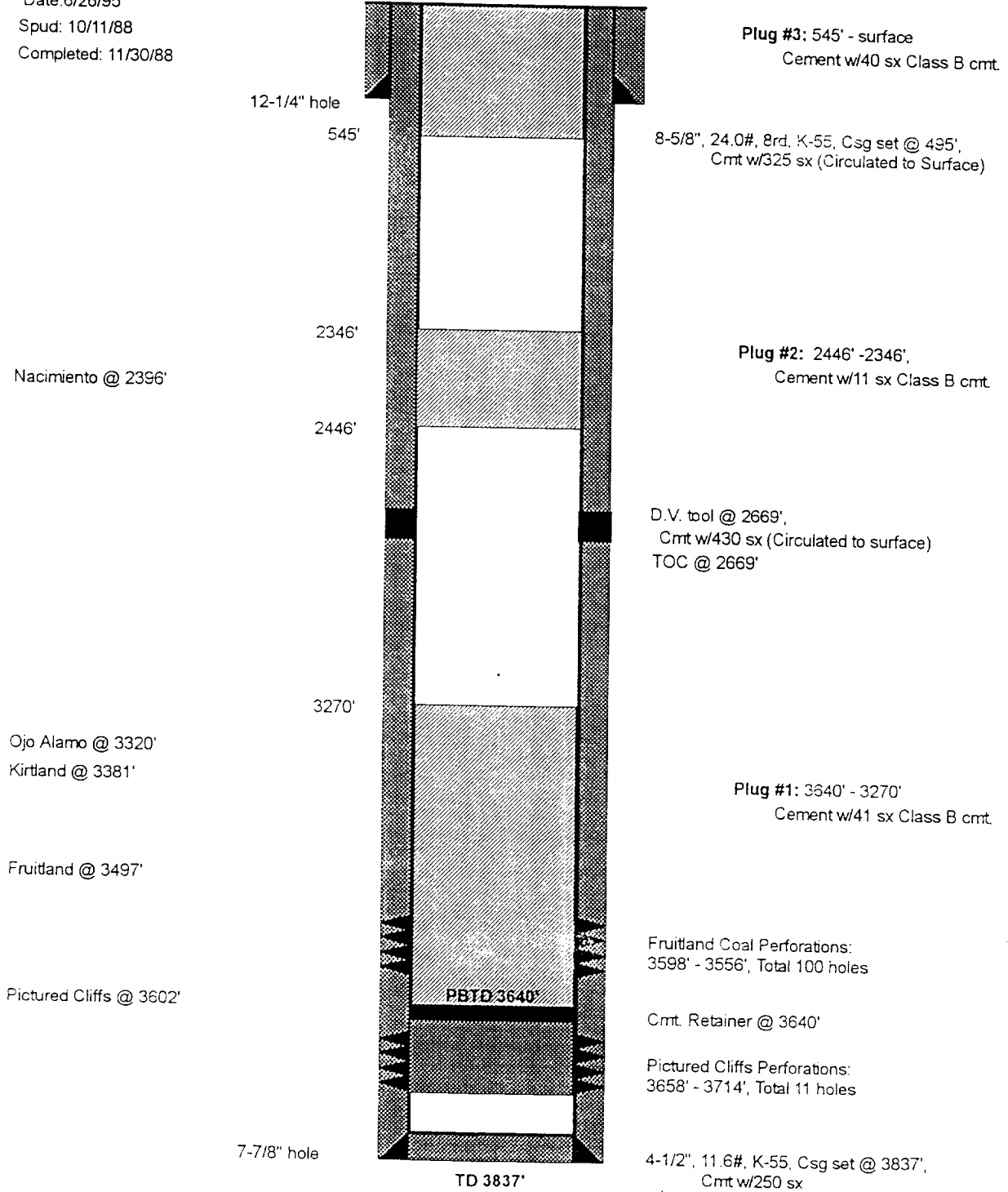
Basin Fruitland Coal

SW Section 9, T-25-N, R-3-W, Rio Arriba County, NM

Date: 6/26/95

Spud: 10/11/88

Completed: 11/30/88



CONDITIONS OF APPROVAL FOR PERMANENT ABANDONMENT

Operator MERIDIAN OIL Well Name McCRODEN A #10

1. Plugging operations authorized are subject to the "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. For wells on Federal leases, Al Yepa with the Cuba Field Office is to be notified at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 289-3748. Office hours are 7:45 a.m. to 4:30 p.m.

For wells on Jicarilla leases notify Erwin Elote with the Jicarilla Apache Tribe at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 759-3242.
3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made :NONE