

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals)

5. Lease

NMNM-03551

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Well Name and No.

RECEIVED BREECH "E" 79

9. API Well No.

30-039-29419-00S1

10. Field and Pool, Exploratory Area

Blanco Tocito 6460
BASIN DAKOTA

11. Country or Parish, State

Rio Arriba Co., New Mexico

1. Oil Well ☐ Gas Well ☐ Other ☐

GAS WELL

2. Name of Operator:

Caulkins Oil Company

3. Address of Operator:

(505) 334-4323

1409 W. Aztec Blvd. Ste B7, Aztec, NM 87410

4. Location of Well (Footage, Sec., Twp., Rge.)

2595' F/N 1975' F/E

SEC. 1-26N-6W

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Abandonment

☒ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☒ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

17. Describe Proposed or Completed Operations:

8-10-06

Rigged up.

Thru

T. O. H. with 2 3/8" tubing.

9-9-06

Ran wireline cast iron bridge plug to 7388'.

Perforated Tocito zone, 7288' - 7306' with 56 holes.

Frac'd Tocito zone with 23000# 20/40 flex sand and 684,270 scfm N₂ foam.

Ran wireline cast iron bridge plug to 5884'.

Perforated squeeze holes, 5810' and 5150'.

T. I. H. with packer on 2 3/8" tubing to 5204'.

Unable to circulate between holes at 5810' to 5150'.

T. O. H. with packer.

T. I. H. with cement retainer set at 5751'.

Still unable to circulate between holes at 5810' to 5150'.

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NOTE: The format is issued in lieu of U.S. BLM Form 3160-5

18. I HEREBY CERTIFY THE FOREGOING IS TRUE AND CORRECT

SIGNED: Robert L. Verquer
ROBERT L. VERQUER

TITLE: Superintendent DATE: October 3, 2006

APPROVED BY: _____ TITLE: _____ DATE: _____

CONDITIONS OF APPROVAL, IF ANY

ACCEPTED FOR RECORD

OCT 10 2006

FARMINGTON FIELD OFFICE
BY: 227

NMOCD

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Stung into retainer.

Established rate into holes at 5810', 2 1/2 bbls/min. at 500#.

Pumped 40 bbls cement, 160 sacks (219 cu. ft.) – no circulation.

Displaced with 22 bbls H₂O to retainer.

Pulled out of retainer.

Circulated hole clean with 60 bbls H₂O.

Ran bond log from top of cement above retainer at 5751' to 5500'.

Bond log did not show any cement above retainer at 5751'.

Perforated casing, 5690' and 5290'.

T. I. H. with cement retainer to 5654'.

Cemented area, 5690' to 5290' with 26 bbls cement, 104 sacks (142.5 cu. ft.) – good circulation during job.

Pulled out of retainer.

T. O. H. with 7 stands.

Circulated hole, 4 1/2 bbls cement circulated to surface.

T. O. H. with tubing.

Perforated squeeze holes at 3350' and 2600'.

T. I. H. with packer to 4714'.

Pumped 12 bbls cement, 48 sacks (65.7 cu. ft.) into perforation at 5150'.

Displaced cement with 25.75 bbls H₂O, squeezed to 5040' with 750#.

Held for 2 hours.

T. O. H. with packer.

T. I. H. with cement retainer to 3318'.

Pulled out of retainer.

Unable to circulate through holes at 2600' to bradenhead.

Stung into retainer.

Unable to circulate through holes at 3350' to holes at 2600'.

Pumped 10 bbls cement, 40 sacks (54.8 cu. ft.).

Displaced with 13.5 bbls H₂O at 1400#.

Pulled out of retainer.

Reversed circulated 20 bbls H₂O.

Pulled 16 stands to 2282'.

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Squeezed holes at 2600' with 11 bbls premium lite 44 sacks (90.6 cu. ft.).

Displaced with 14 bbls H₂O at 2400#.

Held 1000# on tubing for 2 hours.

T. O. H. with tubing.

T. I. H. with 4 3/4" bit.

Tagged cement at 2372'.

Drilled cement 2372' to 2600'.

Tested with 1000#, held OK.

T. I. H. to cement retainer at 3318'.

T. O. H. for bit x-out.

T. I. H. continued drilling.

Drilled out to 3355'.

Tested casing to 1000#, held OK.

T. I. H. tagged cement at 5040'.

Drilled cement 5040' to 5155'.

Tested casing with 1000#, held OK.

Drilling cement 5210' to 5290'.

Tested casing with 1000#, held OK.

Drilling on cement retainer at 5654'.

Drilled out cement retainer and cement to 5690'.

Tested casing with 1000#, held OK.

Drilling on cement retainer at 5751', bit quit.

T. O. H. for bit x-out.

T. I. H. drilled cement retainer and cement to 5812'.

Tested casing with 1000#, held OK.

Cleaned out to cast iron bridge plug at 5884' with H₂O.

T. O. H. with bit.

Run bond log, 5850' to surface casing.

T. I. H. with mill.

Cleaned out to cast iron bridge plug with air to 5884'.

Drilled up cast iron bridge plug at 5884'.

Cleaned out to cast iron bridge plug at 7388'.

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Tested Tocito zone, flow test 2 hours, 478 MCF/D gas, 2.5 BBL/D oil.

Drilled out cast iron bridge plug at 7388'.

Cleaned out to 8015'.

T. O. H. with tubing and mill.

T. I. H. with production tubing.

Landed tubing on doughnut at 7947'.

Rigged down and moved.

Well now commingled Dakota – Tocito.

9/9/06 DAC 3693