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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 reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

Name of Operator

EOG (New Mexico) Inc.

Address and Telephone No.

621 17th Street, Suite 1800, Denver, CO 80293 (303) 293-9999

Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit Letter F 1585' FNL, 1760' FWL
Sec. 30-24N-1W

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

SF 080715A

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Abraham Federal #2

9. API Well No.

30-039-05310

10. Field and Pool, or Exploratory Area

Blanco Pictured Cliffs

11. Country or Parish, State

Rio Arriba, NM

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

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
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Well to plugged & abandoned per attached procedure.

RECEIVED
SEP - 8 1995

OIL CON. DIV.
DIST. 3

I hereby certify that the foregoing is true and correct:

Signed Will Hardin Title Consultant Date 8-24-95

(This space for Federal or State office use)

Approval by [Signature] Title Chief, Lands and Mineral Resources Date SEP 6 1995

Conditions of approval, if any:

Surface Cops - see attached letter

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

PLUG & ABANDONMENT PROCEDURE

Abraham Federal # 2

8-21-95

Blanco Pictured Cliffs

NW Section 30, T-24-N, R-1-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 NMOC, BLM, and EOQ 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. POH and LD 1" tubing. PU 2" work string and RIH open ended to 3468' or as deep as possible.
4. Plug #1 (Pictured Cliffs perforations, Fruitland, Kirtland and Ojo Alamo tops, 3468' - 2977') Pump 30 bbls water down tubing. Mix and pump 57 sxs Class B cement (50% excess, long plug), and spot a balanced plug from 3468' to 2977'. POH and WOC. RIH and tag cement. POH with tubing.
5. Plug #2 (Nacimiento top, 1805' - 1705'): Perforate 3 or 4 squeeze holes at 1805'. If casing pressure tested, establish rate into squeeze holes. PU 4-1/2" cement retainer and RIH; set at 1755'. Pressure test tubing to 1000#. Establish rate into squeeze holes. Mix and pump 35 sxs Class B cement, squeeze 23 sxs cement outside casing from 1805' to 1705' and leave 12 sxs inside casing to cover Nacimiento top. Pressure test casing to 500#. POH and LD tubing and setting tool.
6. Plug #3 (San Jose Upper Sands, 1020' - 820'): Perforate 3 or 4 squeeze holes at 1020'.
 - A If casing pressure tested, attempt to establish rate into squeeze holes and circulate to surface. If circulation is established to surface, mix and pump approximately 320 sxs Class B cement (100% excess to surface) down the 4-1/2" casing, squeeze approximately 240 sxs cement outside casing from 1020' to surface and leave 80 sxs cement inside casing, circulate good cement out bradenhead valve. Shut in well and WOC.
 - B If casing did not test after Plug #2, then PU 4-1/2" cement retainer and RIH; set at 970', then establish rate into squeeze holes and attempt to circulate well to surface. If circulates, mix and pump approximately 258 sxs Class B cement (100% excess to surface), squeeze approximately 239 sxs cement outside 4-1/2" casing from 1020' to surface and leave 19 sxs cement inside casing to 820'. POH to 150' with tubing. Mix and pump 12 sxs Class B cement from 150' to surface circulate good cement out casing valve. POH and LD tubing and setting tool. Shut in well and WOC.

PLUG & ABANDONMENT PROCEDURE

Abraham Federal # 2

Blanco Pictured Cliffs

NW Section 30, T-24-N, R-1-W

Rio Arriba Co., New Mexico

8-21-95

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6.
 - C. If casing did not test after Plug #2 and unable to establish circulation to surface after retainer is set at 970'; then establish rate into squeeze holes. Mix and pump 86 sxs Class B cement, squeeze 47 sxs cement outside 4-1/2" casing to cover San Jose upper sands and leave 19 sxs cement inside casing to 820'. POH and LD tubing and setting tool Perforate 2 or 3 squeeze holes at 150'. Establish circulation out bradenhead valve. Mix approximately 42 sxs Class B cement and pump down 4-1/2" casing, circulate good cement out bradenhead valve. Shut In well and WOC.
7. ND BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

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CURRENT

Blanco Pictured Cliffs

NW Section 30, T-24-N, R-1-W, Rio Arriba County, NM

Today's Date: 8/21/95

Spud: 4/11/81

Completed: 4/20/81

12-1/4" hole

0-5/8", 24.0# csg set @ 100'
Cml w/50 ax (Circulated to Surface)

San Jose @ 970'

Nacimlento @ 1755'

TCC @ 3008' (Calc, 75%)

Ojo Alamo @ 3027'

Kirtland @ 3200'

1" 2.5# tubing @ 3452'

Frulland @ 3340'

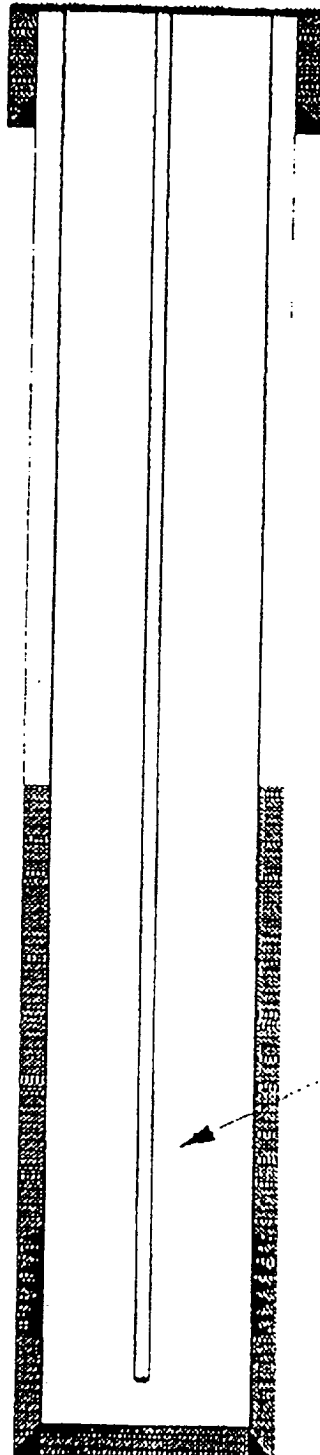
Pictured Cliffs Perforations:
3408'-3418'

Pictured Cliffs @ 3418'

6-3/4" hole

4-1/2", 9.5#, J 55, ocs set @ 3400'
Cml w/75 ax

TD 3490'



Abraham Federal #2

PROPOSED P&A

Blanco Pictured Cliffs

NW Section 30, T-24-N, R-1-W, Rio Arriba County, NM

CASE "A"

Today's Date: 8/21/05

Spud: 4/11/61

Completed: 4/20/61

12-1/4" hole

8-5/8", 24.0# csg set @ 100'
Cmt w/50 sx (Circulated to Surface)

Plug #3 1020' - Surface' with
320 sxs cmt, 240 sxs outside
casing and circulate to
surface, leave 80 inside to
Surface.

San Jose @ 970'

Nadmiento @ 1755'

Cmt Retainer @ 1755'

Plug #2 1005' - 1705' with
35 sxs cmt, 23 sxs outside
casing and 12 inside.

Perforate @ 1805'

TOC @ 3009' (Calc, 75%)

Ojo Alamo @ 3027'

Plug #1 3486' - 2977' with
57 sxs cement (50% excess,
long plug) inside casing.

Kirtland @ 3200'

Fruitland @ 3340'

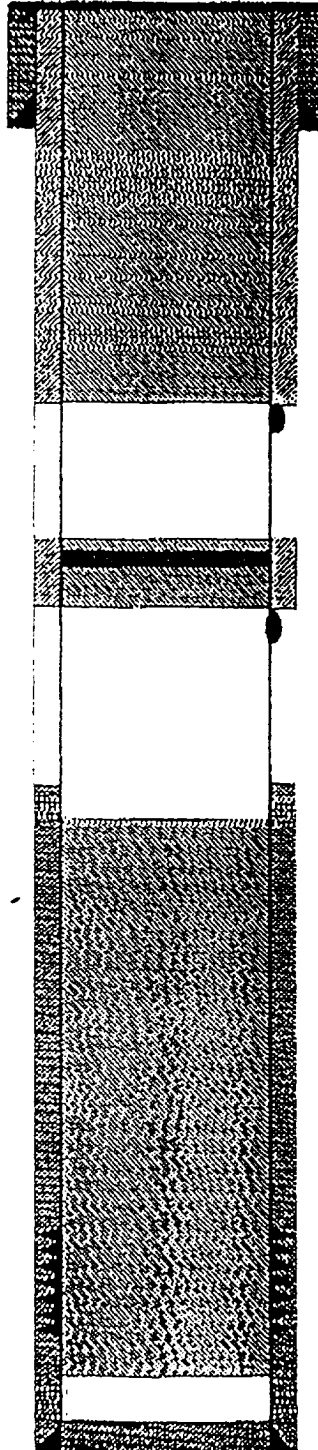
Pictured Cliffs Perforations:
3408' - 3418'

Pictured Cliffs @ 3418'

6-3/4" hole

4-1/2", 9.5#, J-55, csg set @ 3490'
Cmt w/75 sx

TD 3490'



Abraham Federal #2

PROPOSED P&A

Blanco Pictured Cliffs

NW Section 30, T-24-N, R-1-W, Rio Arriba County, NM

CASE "B"

Today's Date: 8/21/95

Spud: 4/11/61

Completed: 4/20/61

12-1/4" hole

8-5/8", 24.0# csg set @ 100
Cmt w/50 sx (Circulated to Surface)

Plug #4 150' - Surf with
12 sxs cement

San Jose @ 970'

Cmt Retainer @ 970'

Perforate @ 1020'

Plug #3 1020' - Surface with
258 sxs cmt, 230 sxs outside
casing and circulate to
surface, leave 19 inside to
820'.

Nacimiento @ 1755'

Cmt Retainer @ 1755'

Perforate @ 1805'

Plug #2 1805' - 1705' with
35 sxs cmt, 23 sxs outside
casing and 12 inside.

TOC @ 3009' (Calc. 75%)

Ojo Alamo @ 3027'

Plug #1 3408' - 2977' with
57 sxs cement (50% excess,
long plug) inside casing.

Kirtland @ 3200'

Fruitland @ 3340'

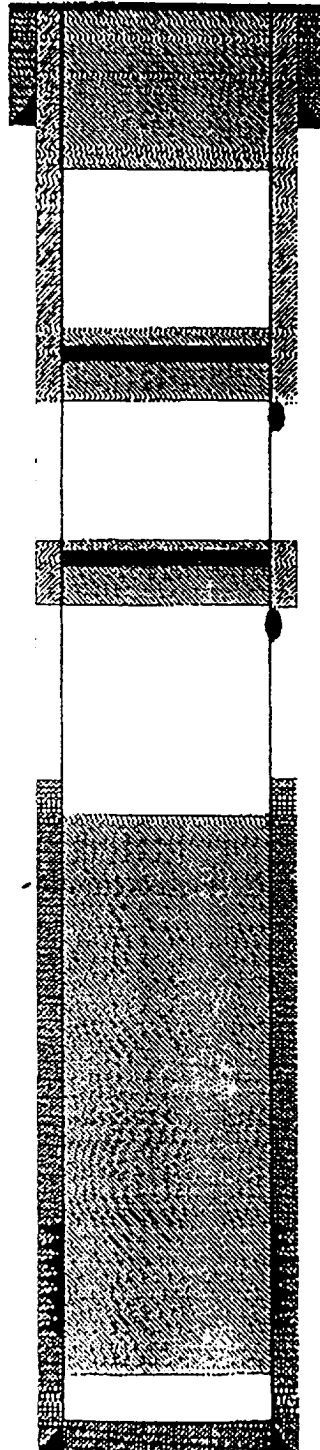
Pictured Cliffs Perforations:
3408' - 3418'

Pictured Cliffs @ 3418'

6-3/4" hole

4-1/2", 9.5#, J-55, csg set @ 3490'
Cmt w/75 sx

TD 3490'



Abraham Federal #2

PROPOSED P&A

Blanco Pictured Cliffs

NW Section 30, T-24-N, R-1-W, Rio Arriba County, NM

CASE "C"

Today's Date: 8/21/08

Spud: 4/11/61

Completed: 4/20/61

