

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I

P.O. Box 1980, Hobbs NM 88241-1980

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.

30-039-23072

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Simms Federal

8. Well No.

3

9. Pool name or Wildcat

Basin Fruitland Coal

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"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

OIL
WELL ☐

GAS
WELL ☒

OTHER

2. Name of Operator

ENERGEN RESOURCES CORPORATION

3. Address of Operator

2198 Bloomfield Highway, Farmington, NM 87401

4. Well Location

Unit Letter E : 1540 Feet From The North Line and 1100 Feet From The West Line

Section 11 Township 30N Range 4W NMPM Rio Arriba County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

6853 GR

11.

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☒

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

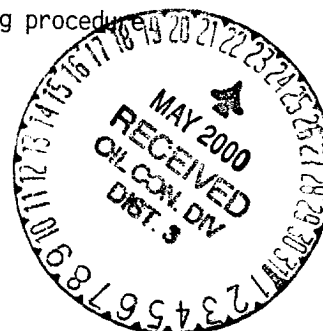
PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Energen intends to plug and abandon this well as per the attached plugging procedure



I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Monica Papp

TITLE Production Assistant

DATE 5/22/00

TYPE OR PRINT NAME Monica Papp

TELEPHONE NO. 505-325-6800

(This space for State Use)

ORIGINAL SIGNED BY CHARLIE T. PERMAN

APPROVED BY

DEPUTY OIL & GAS INSPECTOR, DIST. 3

MAY 23 2000

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

PLUG & ABANDONMENT PROCEDURE

5/10/00

Simms Federal #3
Basin Fruitland Coal
1540' FNL, 1100' FWL, Section 11, T-30-N, R-04-W
Rio Arriba Co., New Mexico

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

1. Install and/or test rig anchors. Prepare blow pit. Comply to all NMOCD, BLM and Energen safety rules and regulations. MOL and RUSU. Blow well down; kill with water if necessary. ND wellhead and NU BOP and stripping head; test BOP.
2. TOH and tally 2-3/8" tubing (3619'); visually inspect. If necessary LD 2-3/8" tubing and PU workstring. Round-trip 5-1/2" gauge ring to 3552' or as deep as possible.
3. **Plug #1 (Pictured Cliffs top, Fruitland Coal perforations, Kirtland and Ojo Alamo tops, 3632 - 2965')**: Set a 4-1/2" cement retainer at 3552'. Pressure test tubing to 1000#. Pressure test casing to 500#, if casing does not test then spot or tag subsequent plugs as appropriate. Mix 60 sxs Class B cement, squeeze 12 sxs below retainer into Fruitland Coal perforations and spot a balanced plug above the retainer with 48 sxs to cover through the Ojo Alamo top. TOH with tubing.
4. **Plug #2 (Nacimiento top, 1880' - 1780')**: Perforate 3 HSC squeeze holes at 1880'. Establish rate into squeeze holes if casing tested. Set a 4-1/2" cement retainer at 1830'. Establish rate into squeeze holes. Mix 51 sxs Class B cement and squeeze 39 sxs cement outside 4-1/2" casing and leave 12 sxs cement inside casing to cover Nacimiento top. TOH and LD tubing.
5. **Plug #3 (Casing Shoe, 274' - Surface)**: Perforate 3 HSC squeeze holes at 274'. Establish circulation out bradenhead valve. Mix and pump approximately 95 sxs Class B cement down 4-1/2" casing, circulate good cement out bradenhead valve. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

Simms Federal #3

Current

Basin Fruitland Coal

NW Section 11, T-30-N, R-4-W, Rio Arriba County, NM

Today's Date: 5/10/00

Spud: 9/19/82

PC Comp: 11/09/82

FtC Comp: 10/5/90

El: 6853' GL

6872' KB

12-1/4" hole

8-5/8" 24# K-55 Csg set @ 224'
Cement w/324 cf (Circulated to Surface)

WELL HISTORY:

Oct '84: Pull tubing; set packer at 3818', land tubing.

Aug '85: Fish and mill out packer for 21 days; CO to 3960'; acidize perms; blow well, land tubing; run rods and pump.

Oct '90: Recomplete in Fruitland Coal. LD rods and pump; pull tubing; ran logs, set CIBP at 3640'; PT casing to 3000#; perforate, acidize and frac Ft Coal zones; land tubing.

Nacimiento @ 1830'

2-3/8" Tubing set at 3619'

Top of Cmt @ 2110' (CBL, 1982)

Ojo Alamo @ 3015'

Top of Cmt @ 2700' (T.S.)

Kirtland @ 3235'

Fruitland @ 3420'

Pictured Cliffs @ 3650'

Fruitland Coal Perforations:
3602' - 3632'

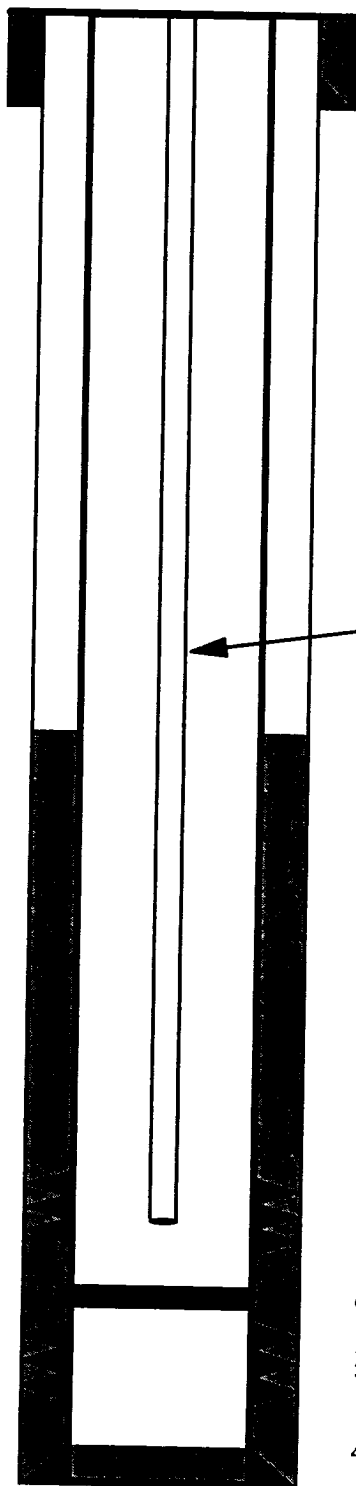
CIBP @ 3640' (1990)

Pictured Cliffs Perforations:
3654' - 3912'

4-1/2" 10.5, K-55 Casing set @ 3986'
Cemented with 371 cf

7-7/8" Hole

TD 4000'



Simms Federal #3

Proposed P&A

Basin Fruitland Coal

NW Section 11, T-30-N, R-4-W, Rio Arriba County, NM

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Spud: 9/19/82

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El: 6853' GL

6872' KB

12-1/4" hole

8-5/8" 24# K-55 Csg set @ 224'
Cement w/324 cf (Circulated to Surface)

Perforate @ 274'

Plug #3 274' - Surface
Cmt with 95 sxs Class B

Nacimiento @ 1830'

Plug #2 1880' - 1780'
Cmt with 51 sxs Class B,
39 sxs outside casing
and 12 sxs inside.

Cmt Retainer @ 1830'

Perforate @ 1880'

Top of Cmt @ 2110' (CBL, 1982)

Top of Cmt @ 2700' (T.S.)

Ojo Alamo @ 3015'

Kirtland @ 3235'

Plug #1 3632' - 2965'
Cmt with 60 sxs Class B,
12 sxs below and 48 sxs
above

Cmt Retainer @ 3552'

Fruitland @ 3420'

Fruitland Coal Perforations:
3602' - 3632'

Pictured Cliffs @ 3650'

CIBP @ 3640' (1990)

Pictured Cliffs Perforations:
3654' - 3912'

7-7/8" Hole

4-1/2" 10.5, K-55 Casing set @ 3986'
Cemented with 371 cf

TD 4000'