

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. 30-039-22834
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Simms Federal
8. Well No. 2
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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	
2. Name of Operator ENERGEN RESOURCES CORPORATION	
3. Address of Operator 2198 Bloomfield Highway, Farmington, NM 87401	
4. Well Location Unit Letter 0 : 1120 Feet From The South Line and 1850 Feet From The East Line Section 11 Township 30N Range 4W NMPM Rio Arriba County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 6911 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. PERREN

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE MAY 23 2000

CONDITIONS OF APPROVAL, IF ANY:

## PLUG & ABANDONMENT PROCEDURE

5/3/00

Simms Federal #2  
Basin Fruitland Coal  
1120' FSL, 1850' FEL, 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. POH and tally 120 joints 2-3/8" tubing (3638'); visually inspect. If necessary LD 2-3/8" tubing and PU workstring. Round-trip 4-1/2" gauge ring to 3583' or as deep as possible.
3. **Plug #1 (Pictured Cliffs perforations, Fruitland Coal perforations, Kirtland and Ojo Alamo tops, 3652' - 3035')**: Set a 4-1/2" cement retainer at 3580'. Pressure test tubing to 1000#. Load casing and circulate clean. Pressure test casing to 500#, if casing does not test then spot or tag subsequent plugs as appropriate. Mix 59 sxs Class B cement, squeeze 14 sxs below retainer into Fruitland perforations and spot a balanced plug with 45 sxs above the retainer to cover through the Ojo Alamo top. TOH with tubing.
4. **Plug #2 (Nacimiento top, 1895' - 1795')**: Perforate 3 HSC squeeze holes at 1895'. Establish rate into squeeze holes if casing tested. Set a 4-1/2" cement retainer at 1845'. 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 setting tool.
5. **Plug #3 (Casing Shoe at 239')**: Perforate 3 HSC squeeze holes at 289'. Establish circulation out bradenhead valve. Mix and pump approximately 100 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 #2

Current

Basin Fruitland Coal

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

Today's Date: 5/9/00

Spud: 10/26/81

PC Comp: 11/23/81

FtC Comp: 8/30/90

El: 6911' GI

12-1/4" hole

8-5/8" 24# H-40 Csg set @ 239'  
Cement w/170 sxs (Circulated to Surface)

## WELL HISTORY:

**May '83:** Swab well.

**Jun '83:** Install pump and rods.

**Jul '83:** Repair pump.

**Aug '83:** Remove rods and pump; CO to 4007;  
set Baker RBP at 3780'; land tubing, swab well.

**Feb '84:** Pull tubing, plugged; CO fill, set packer  
and PT casing, OK; recover RBP; N<sub>2</sub> acidize  
perfs with packer; flow back and land tubing.

**Aug '90: Recomplete Fruitland Coal:** Pull  
tubing and ran logs; set CIBP at 3670'; perforate,  
acidize and frac FtCoal zone; clean out and land  
tubing.

Nacimiento @ 1845'

2-3/8" Tubing set @ 3638'  
(120 jts, EUE)

Top of Cmt @ 3000' (CBL)

Ojo Alamo @ 3085'

Kirtland @ 3260'

Fruitland @ 3505'

Fruitland Coal Perforations:  
3633' - 3652'

CIBP @ 3670' (1990)

Pictured Cliffs Perforations:  
3689' - 3952'

Pictured Cliffs @ 3665'

7-7/8" Hole

4-1/2" 10.5, K-55 Casing set @ 4050'  
Cemented with 245 sxs

TD 4050'

# Simms Federal #2

## Proposed P&A

Basin Fruitland Coal

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

Today's Date: 5/9/00

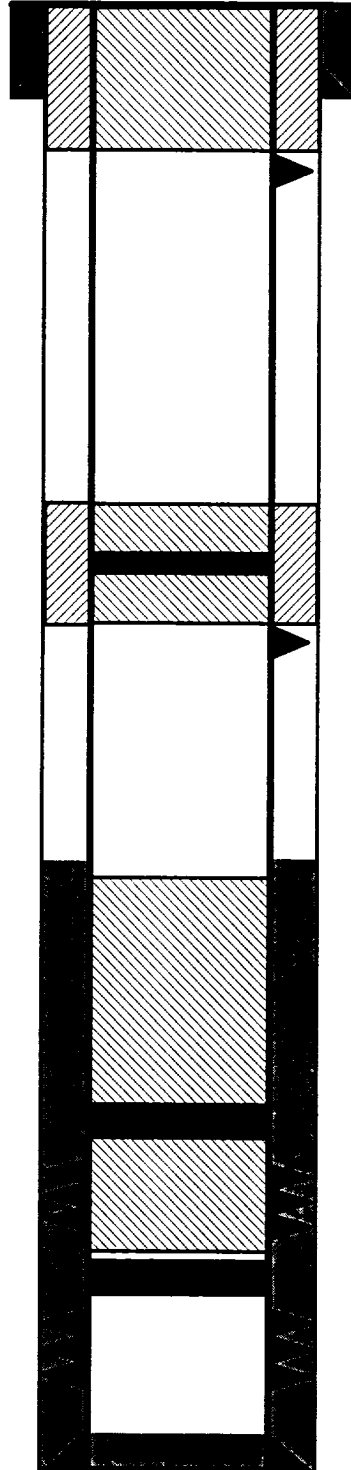
Spud: 10/26/81

PC Comp: 11/23/81

FtC Comp: 8/30/90

El: 6911' GI

12-1/4" hole



8-5/8" 24# H-40 Csg set @ 239'  
Cement w/170 sxs (Circulated to Surface)

Perforate @ 289'

Plug #3 289' - Surface  
Cmt with 100 sxs Class B

Plug #2 1895' - 1795'  
Cmt with 51 sxs Class B,  
39 sxs outside casing  
and 12 sxs inside.

Cmt Retainer @ 1845'

Perforate @ 1895'

Top of Cmt @ 3000' (CBL)

Plug #1 3652' - 3035'  
Cmt with 59 sxs Class B,  
squeeze 14 sxs below and  
45 sxs above CR.

Cement Rt @ 3580'

Fruitland Coal Perforations:  
3633' - 3652'

CIBP @ 3670' (1990)

Pictured Cliffs Perforations:  
3689' - 3952'

4-1/2" 10.5, K-55 Casing set @ 4050'  
Cemented with 245 sxs

Nacimiento @ 1845'

Ojo Alamo @ 3085'

Kirtland @ 3260'

Fruitland @ 3505'

Pictured Cliffs @ 3665'

7-7/8" Hole

TD 4050'