Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
NMSF080566

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
FLORANCE FED 3

2. Name of Operator
ENERGEN RESOURCES CORP
Contact: VICKI DONAGHEY
E-Mail: vdonaghe@energen.com

9. API Well No.
30-039-06170-00-S1

3a. Address
2198 BLOOMFIELD HIGHWAY
FARMINGTON, NM 87401

3b. Phone No. (include area code)
Ph: 505.325.6800

10. Field and Pool, or Exploratory
BLANCO Pictured Cliffs

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 4 T25N R3W NENE 1251FNL 961FEL

11. County or Parish, and State
RIO ARRIBA COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Energen Resources intends to plug and abandon this well as per the attached plugging procedures.

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

Electronic Submission #54695 verified by the BLM Well Information System
For ENERGEN RESOURCES CORP, sent to the Farmington
Committed to AFMSS for processing by STEVE MASON on 03/04/2005 (05SXM0035SE)

Name *(Printed/Typed)* VICKI DONAGHEY — Title GENERAL CONTACT

Signature (Electronic Submission) — Date 03/03/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By STEPHEN MASON — Title PETROLEUM ENGINEER — Date 03/16/2005

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Farmington

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

NMOCD

PLUG AND ABANDONMENT PROCDURE

March 2, 2005

Florance Federal #3
Tapacito Pictured Cliffs
1251' FNL & 961' FEL, Section 4, T25N, R3W
Rio Arriba County, New Mexico, API #30-039-06170

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. All cement will be ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

1 Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Energen safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.

2. PU on packer and release. TOH and visually inspect 125 joints 2.375" tubing, total 3895', LD packer. If necessary use a workstring.

3. **Plug #1 (Pictured Cliffs perforations, Fruitland, Kirtland and Ojo Alamo tops, 3852' – 3410'):** TIH and set 4.5" CR at 3852'. Pressure test tubing to 1000#. Load casing with water and circulate well clean. Pressure test casing to 500#. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 34 sxs Type III cement and spot a balanced plug inside casing above CR to isolate the Pictured Cliffs perforations and to cover through the Ojo Alamo top. TOH with tubing.

2221 2121 2221

4. **Plug #2 (Nacimiento top, ~~1850'~~ – ~~1750'~~):** Perforate 3 squeeze holes at ~~1850'~~. Attempt to establish rate into squeeze holes if the casing pressure tested prior to perforating. Set 4.5" cement retainer at ~~1850'~~. Establish rate into squeeze holes. Mix and pump 32 sxs cement, squeeze 21 sxs outside the casing and leave 11 sxs inside casing to cover Nacimiento top. TOH and LD tubing.

5. **Plug #3 (8.625" Surface casing, 246' - Surface):** Perforate 3 squeeze holes at 246'. Establish circulation out the bradenhead valve with water. Mix and pump approximately 80 sxs Type III cement down the 4.5" casing to circulate good cement out bradenhead valve. Shut well in and WOC.

6. ND BOP and cut off casing below surface casing flange. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

Florance Federal #3

Current

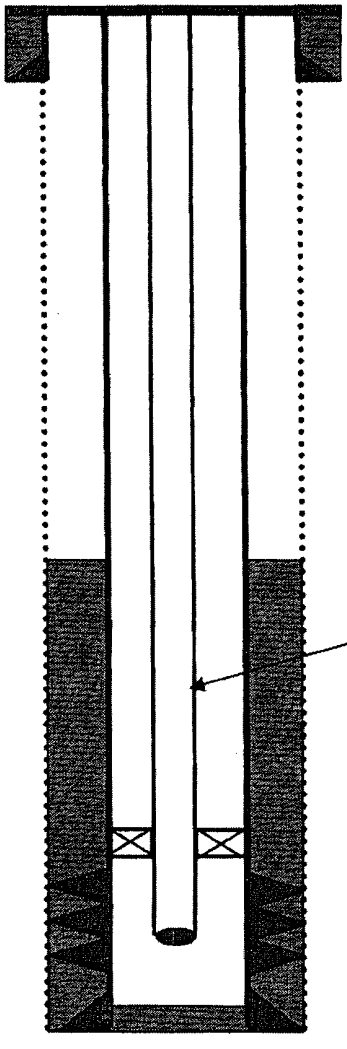
Tapacito Pictured Cliffs

1251' FNL& 961' FEL, NE, Section 4, T-25-N, R-3-W

Rio Arriba County, NM / API #30-039-06170

Today's Date: 3/2/05
Spud: 9/28/63
Completion: 10/25/63
Elevation: 7321' GL

10.75" hole



8.625" 24#, Casing set @ 196'
Cement with 150 sxs (Circulated to Surface)

WELL HISTORY

May '03: SL with GR to 3887', tight spot at 1669', ran 1.25 IB to 3887',showed bull plug. FL at 1100'.

Jun '03: Swabbed 50 bbls, FL at 1300', showed bull plug at EOT.

Oct '04: FL at 1100, dropped to 1350', recovered 25 bbls in 23 runs, no tight spots.

Nov '04: WSU attempt to bail, reverse out, drill out and acidize well. Packer at 3900' with SN above packer. Set Packer with 10,000# compression.

Nacimiento @ 1800 *est

TOC @ 3300' (Calc, 75%)

Ojo Alamo @ 3460' *est

Kirtland @ 3640' *est

2.375" Tubing set at 3895'
(125 joints EUE with packer at @ 3900')

Fruitland @ 3700' *est

Pictured Cliffs @ 3896'

DHS Packer at 3900' w/ SN above packer

Pictured Cliffs Perforations: 3902' – 3929'

6.75" hole

4.5" 9.5#, J-55 Casing set @ 3985'
Cemented with 100 sxs (126 cf)

TD 3985'

Florance Federal #3

Proposed P&A

Tapacito Pictured Cliffs

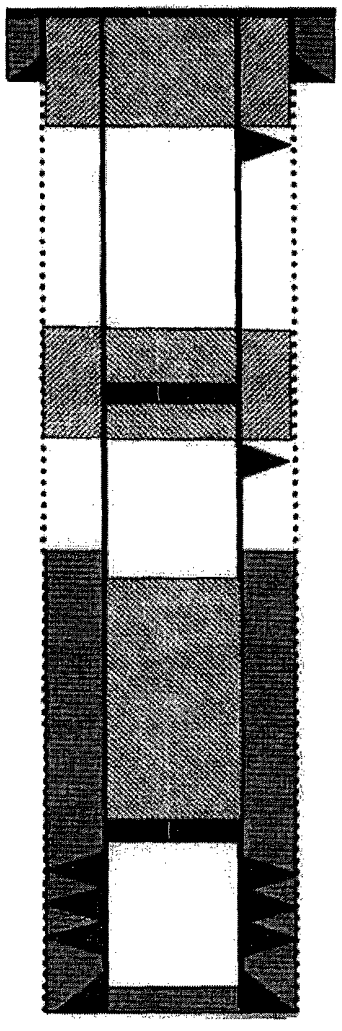
1251' FNL& 961' FEL, NE, Section 4, T-25-N, R-3-W

Rio Arriba County, NM / API #30-039-06170

Today's Date: 3/2/06

Spud: 9/28/63
Completion: 10/25/63
Elevation: 7321' GL

10.75" hole



8.625" 24#, Casing set @ 196'
Cement with 150 sxs (Circulated to Surface)

Plug #3: 246' – Surface
Type III Cement, 60 sxs

Perforate @ 246'

269/10.96(1.32) = 18 sks
50/7.2433(1.32) = 5 sks
196/9.046(1.32) = 37 sks
60 sks

2221 2121

Plug #2: ~~1850'~~ - ~~1760'~~
Type III Cement, 32 sxs,
21 outside and 11 inside

Cmt Retainer @ 1850' 150/10.96(1.32) = 10 sks
200/7.2433(1.32) = 21 sks

Perforate @ 1850'

Nacimiento @ ~~1800~~ *est
2,171

TOC @ 3300' (Calc, 75%)

Ojo Alamo @ ~~3460~~ *est
2

Kirtland @ 3646' *est
62

Fruitland @ 3760' *est
16

Pictured Cliffs @ 3896'
72

Plug #1: 3852' - 3410'
Type III Cement, 34 sxs

3852 - 3410 + 50 / 10.96(1.32) = 34 sks

Set CR @ 3852'

Pictured Cliffs Perforations
3902' – 3929'

6.75" hole

4.5" 9.5#, J-55 Casing set @ 3985'
Cemented with 100 sxs (126 cf)

TD 3985'