

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010

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.
Farmington Field Office
Bureau of Land Management

SEP 15 2011

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NM-28717
2. Name of Operator Energen Resources Corporation		6. If Indian, Allottee or Tribe Name
3a. Address 2010 Afton Place, Farmington, NM 87401	3b. Phone No. (include area code) (505) 325-6800	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) At Surface: 1050' FSL, 800' FWL Sec. 26, T30N, R4W		8. Well Name and No. Bixler Ranch #2
		9. API Well No. 30-039-23261
		10. Field and Pool, or Exploratory Area East Blanco Pictured Cliffs
		11. County or Parish, State Rio Arriba NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recompleat 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 recompleat 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 final site is ready for final inspection.)

Energen Resources Plans to Plug and Abandon the Bixler Ranch #2 as follows:

1. MIRU. ND Wellhead. NU BOP. TOH w/ 2-3/8" TBG.
2. TIH w/ 4-1/2" CIBP and set @ 4115'. Test CIBP to 500 psig. Pump a cement plug from the CIBP to the Ojo Alamo top inside casing f/ 4115' to 3630' w/ 57 sks of neat cement (50% Excess). Pull TBG above cement. Wait 4 hrs and tag cement. POOH w/ TBG.
3. Perforate @ 2450' TIH w/ TBG and set cement retainer @ 2400'. Pump 52 sks of neat cement (40 sks outside casing w/ 100% excess and 12 sks insided casing w/ 50% excess) from 2450' to 2350' to cover Nacimiento top @ 2400'. Pull TBG above cement. Wait 4 hours and tag cement. TOH w/ TBG.
4. Perforate @ 262' TIH w/ TBG to 262'. Pump 143 sks neat cement (112 sks outside casing w/ 100% excess and 31 sks inside casing w/ 50% excess) down 4-1/2" casing and circulate good cement to surface. Pull TBG out of casing and top off w/ cement.
5. ND BOP and cut off casing below surface casing flange. Install P&A marker w/ cement to comply w/ regulations. RDMO, cut off anchors and restore location.

*See attached wellbore diagram.

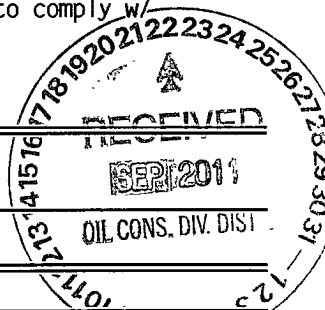
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Justin Anchors	Title District Engineer
Signature <i>Justin Anchors</i>	Date 9/13/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Original Signed: Stephen Mason	Title Office	Date SEP 19 2011
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.		

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

NMOC



Bixler Ranch #2

Proposed P&A

East Blanco Pictured Cliffs / API #30-039-23261

1050' FSL & 800' FWL, Section 26, T-30-N, R-4-W, Rio Arriba County, NM

Today's Date: **9/8/11**

Spud: 8/8/83

Completed: 2/28/94

Elevation: 7442' GL
7454' KB

Nacimiento @ 2400' *est

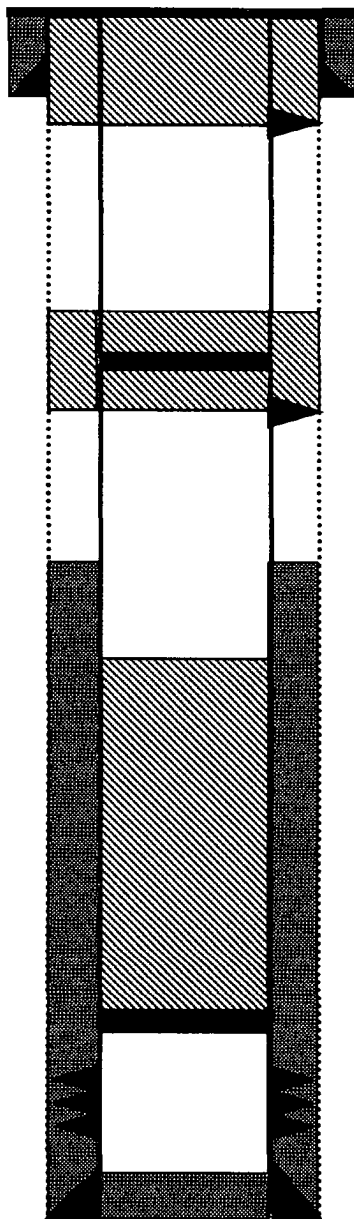
Ojo Alamo @ 3680'

Fruitland @ 3800'

Pictured Cliffs @ 4130'

12.25" hole

7.875" Hole



8.625", 24#, K-55 Casing set @ 212'
Cement with 165 cu.ft. (Circulated to Surface)

Perforate @ 262'

Plug #3: 262' - 0'
Neat cement, 143 sxs
112 outside, 31 inside

Set retainer @ 2400'

Perforate @ 2450'

Plug #2: 2450' - 2350'
Neat cement, 52 sxs
40 outside, 12 inside

TOC @ 2930' (Temp. Survey)

Plug #1: 4115' - 3630'
Neat cement, 57 sxs

Set CIBP @ 4115'

Pictured Cliffs Perforations:
4144' - 4168' w/ 5 total holes
4346' - 4410' w/ 8 total holes

4.5" 10.5# K-55 Casing set @ 4476'
Cement with 379 cu.ft (TOC @ 2930')

TD 4480'
PBTD 4456'

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 2 Bixler Ranch

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made:
 - a) Bring the top of the Pictured Cliffs/Fruitland/Kirtland/Ojo Alamo plug to 3521'.
 - b) Place the Nacimiento plug from 2494' – 2394' inside and outside the 4 ½" casing.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.