

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

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

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

ENERGEN RESOURCES CORPORATION

3a. Address

2198 Bloomfield Highway, Farmington, NM 87401

3b. Phone No. (include area code)

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

1020' FSL, 1730' FWL, Sec. 06, T25N, R08W, N.M.P.M.
SE/SW

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

NCO-C-14-20-5006

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

8. Well Name and No.

Pah 1

9. API Well No.

30-045-24252

10. Field and Pool, or Exploratory Area

Duffer Point Gallup/Dakota

11. County or Parish, State

San Juan NM

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

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<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 plugged and abandoned the Pah #1 well on 12/15/05 as per the attached procedure.



2006 JAN 20 PM 2 55
RECEIVED
070 FARMINGTON NM

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Vicki Donaghey

Title

Regulatory Analyst

Date 12/20/05

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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 FIELD OFFICE

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.

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

505-325-2627 * fax: 505-325-1211

Energen Resources

December 19, 2005

PAH #1

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1020' FSL & 1730' FWL, Section 6, T-25-N, R-8-W

San Juan County, NM

Lease Number: NOO-C-14-20-5006

API #30-045-24252

Plug and Abandonment Report

Notified NMOCD on 12/5/05

Notified BLM on 12/6/05

Work Summary:

12/6/05 MOL. RU. SDFD.

12/7/05 Check well pressures: casing 130#, tubing and bradenhead 0#. Blow well down. Pressure test tubing to 1000#. Hang well off and unseat pump. TOH and LD 86 - 7/8" rods and 168 - 3/4" with 4 - 1" K-bars and top hole down pump. ND wellhead. NU BOP, test. Dig out bradenhead valve and replace with 2" valve. TOH with 3000' of 2.375" tubing. SDFD.

12/8/05 TOH and tally total 208 joints 2.375" tubing, total 6464'. Round trip 4.5" gauge ring to 6250'. TIH and set 4.5" Self Set CIBP at 6240'. CIBP would not sheer; POH of rope socket. Left rope socket, CCL and contact bar in the hole with double pin sub and high PSI firing sub. TIH with overshot and grapple to fish 1 - 7/16" rope socket. Get on fish at 6230' pulling 11,000# over string weight and sheer pin. TOH with fish and break down. Shut in well. SDFD.

12/9/05 TIH with open ended tubing and tag CIBP at 6240'. Circulate well clean with 35 bbls of water. Attempt to pressure test casing; leak 1.5 bpm at 500#.

Plug #1 with CIBP at 6240', mix and pump 20 sxs Type III cement (27 cf) with 2% CaCl inside casing from 6240' to 5945' to cover the Dakota perforations and top. PUH and WOC. TIH and tag cement at 5988'. Attempt to pressure test casing; leak 1.5 bpm at 500#.

Plug #2 spot 20 sxs Type III cement (26 cf) inside casing from 5481' up to 5186' to cover the Gallup top.

PUH and WOC. SDFD.

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Farmington, New Mexico 87499
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XTO Energy Inc.
PAH #1

December 19, 2005
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Work Summary - Continued:

12/12/05 TIH with tubing and tag cement at 5243'. PUH to 3523'. Attempt to pressure test casing, leak 1.5 bpm at 500#.

Plug #3 spot 20 sxs Type III cement (26 cf) with 2% CaCl₂ inside casing from 3523' to 3228' to cover the Mesaverde top.

PUH and WOC. TIH and tag cement at 3287'. PUH to 2712'. Attempt to pressure test casing, leak 1.5 bpm at 500#. POH with tubing. Perforate 3 squeeze holes at 2775'. TIH with 4.5" DHS cement retainer and set at 2712'. Sting out of retainer. Attempt to pressure test casing, leak 1.5 bpm at 500#.

Plug #4 mix and pump 47 sxs Type III cement (62 cf), squeeze 40 sxs outside 4.5" casing from 2775' to 2675' and leave 7 sxs inside casing to 2609' to cover the Chacra top. Note: established communication out casing between perforations at 2775' and hole in casing. Shut casing in while pumping Plug #4. TOH to 1838'. Shut in well. SDFD.

12/13/05 SD due to weather.

12/14/05 TIH and tag cement at 2232'. PUH to 1924'. Pressure test casing to 800# for 5 minutes.

Plug #5 spot 31 sxs Type III cement (41 cf) inside casing from 1924' to 1467' to cover the Pictured Cliffs and Fruitland tops.

TOH with tubing and setting tool. SDFD.

12/15/05 Perforate 3 squeeze holes at 1272'. Establish rate into squeeze holes 1 bpm at 900#. RIH with 4.5" DHS cement retainer and set at 1205'. Establish rate below cement retainer 1 bpm at 900#.

Plug #6 with CR at 1205', mix and pump 118 sxs Type III cement (156 cf), squeeze 100 sxs outside 4.5" casing from 1272' to 997' and leave 18 sxs inside casing to 940' to cover the Kirtland and Ojo Alamo tops.

TOH and LD tubing with setting tool. Perforate 3 squeeze holes at 263'. Establish circulation out bradenhead with 3 bbls of water.

Plug #7 mix and pump 97 sxs Type III cement (128 cf) from 263' to surface, circulate good cement out bradenhead. Shut in well.

12/16/05 Open well and found cement at surface in casing and annulus. ND BOP. Dig out and cut off wellhead. Mix 15 sxs Type III cement and install P&A marker. RD and MOL.

L. Pixley and M. Kecman, BLM representatives, were on location.