and the second
Form 3160-5
(August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED
OMB NO. 1004-0135
OMB NO. 1004-0135 Expires: November 30.200

SUNDRY NOTICES AND REPORTS ON WELLS

- 5.	Lease Seria	ıl No.
	JIC123	

Do not use this abandoned well	If Indian, Allottee or Tribe Name JICARILLA APACHE The Indian of Tribe Name JICARILLA APACHE The Indian of Tribe Name JICARILLA APACHE The Indian of Tribe Name Tribe Name JICARILLA APACHE JICARILLA APACHE Tribe Name JICARILLA APACHE JICARILLA APACHE				
SUBMIT IN TRIE					
1. Type of Well ☐ Oil Well ☐ Gas Well ☐ Oth		CKI DONAGHEY		8. Well Name and No. JICARILLA C 23	
2. Name of Operator ENERGEN RESOURCES CO	9. API Well No. 30-039-21296-00-S1				
3a. Address 2198 BLOOMFIELD HIGHWA FARMINGTON, NM 87401		Bb. Phone No. (include area code Ph: 505.325.6800)	10. Field and Pool, or S BLANCO	Exploratory
4. Location of Well (Footage, Sec., T Sec 5 T25N R4W NENW	11. County or Parish, and State RIO ARRIBA COUNTY, NM				
12. CHECK APPR	ROPRIATE BOX(ES) TO I	NDICATE NATURE OF 1	NOTICE, RI	EPORT, OR OTHE	R DATA
TYPE OF SUBMISSION		ТҮРЕ О	F ACTION		
☐ Notice of Intent Subsequent Report Final Abandonment Notice	Subsequent Report Casing Repair Change Plans Convert to Injection		□ Deepen □ Product □ Fracture Treat □ Reclant □ New Construction □ Recomt ☑ Plug and Abandon □ Tempot □ Plug Back □ Water		□ Water Shut-Off □ Well Integrity □ Other
13. Describe Proposed or Completed Ope					

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 plugged and abandoned this well on March 4, 2005 as per the attached plugging procedures.

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



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14. I hereby certify that the	ne foregoing is true and correct. Electronic Submission #54907 verified For ENERGEN RESOURCES (Committed to AFMSS for processing by S	OŘP,	sent to the Farmington	S)	
Name (Printed/Typed)	VICKI DONAGHEY	Title	GENERAL CONTACT		
Signature	(Electronic Submission)	Date	03/15/2005		
	THIS SPACE FOR FEDERA	L OR	STATE OFFICE USE		
Approved By ACCEPTED			STEPHEN MASON PETROLEUM ENGINEER	D	ate 04/08/2005
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.			e Farmington		
Title 18 U.S.C. Section 100	1 and Title 43 U.S.C. Section 1212 make it a crime for any n	erson kr	nowingly and willfully to make to any de	nartment or agency of	the United

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979 Farmington, New Mexico 87499 505 325-2627 * fax: 505-325-1211



Energen Resources Corp.

Jicarilla 123C #23

990' FNL & 1600' FWL, Section 5, T 25 N, R-4-W

Rio Arriba County, NM

Lease: Jicarilla Contract 123, API #30-039-21296

March 7, 2005 Page 1 of 2

Plug & Abandonment Report

Work Summary:

Notified JAT on 3/1/05

2/16/05 Attempt to move rig and equipment to location; very wet, very deep mud. SDFD.

2/17/05 Continue to move rig and equipment to location. Spot equipment. SDFD.

2/18/05 Inspect rig anchors. RU rig. Lay relief lines to pit. Wait on Wireline unit, stuck.

2/21/05 Dozer pull Wireline unit free, made it back to Highway. Shut down roads impassable.

2/22 to 2/25/05 No work – roads too muddy.

2/28/05 Investigate roads, J-6 washed out. Unable to get to location.

3/1/05 Roads still very muddy. Unable to get cement truck to location. Well pressures: 50# tubing, 0# casing. ND wellhead. NU BOP, test. Pick up on 1.660" tubing, found packer to be stuck. Pulled up to 30,000#, not free. Tubing went down hole 30" using rig joint; unable to work packer free. Packer stuck, Changed ram and shut in well.

3/2/05 Well pressures: 50# tubing, 0# casing. Blow down well. Work tubing to free stuck packer. Packer went down, but not come up. Pulled up to 30,000#, stuck. Pumped 20 bbls water down tubing. Worked pipe. Attempted to pump down the casing annulus; pressured up to 500#. Procedure change to cut tubing approved by S. Mason with BLM. Round trip 1.25" wireline gauge ring to 3200'. Jet cut tubing at 3200'. White POH with wireline tools, they stuck at 3102'. Attempted to work wireline tools free; finally pulled out of 1" rope socket. Lost tools: cable head, 1" CCL, two 1"x 5' sinker bars and firing head. RD wireline. TOH with 1.66" tubing. Shut in well.

3/3/05 Well pressure: 50th on casing. Pump 8 bbls of water down the casing and establish rate into perforations at 1,5 bpm at 750#.

Procedure change to bullhead cement plug approved by S. Mason with BLM.

Plug #1 mix and pump 30 sxs Type III cement (40 cf) with 2% CaCl2 down the 2.875" casing, fill PC perforations from 3342' to 3390', displace cement to 2028' to cover the PC, Fruilland, Kirtland and Oio Alamo tops.

WOC. RU wireline unit and RIH to 2900', no cement tag. POH with wireline.

Pump 10 bbls of water down 2.875" casing and establish rate 1.5 bpm at 1500#.

Plug #1b mix and pump 50 sxs Type III cement (66 cf) with 2% CaCl2 down the 2.875" casing to fill the PC perforations, displace to 1986' with water to cover the PC, Fruitland, Kirtland and Olo Alamo tops.

Shut in well and WOC.

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March 7, 2005 Page 2 of 2

Plug & Abandonment Report

Work Summary Continued:

3/3/05 RIH with wireline and tag hard cement at 1347'.

Procedure change to set Nacimiento higher than top approved by S. Mason.

Perforate 3 holes at 1340'. Establish rate into squeeze holes 1.5 bpm at 500#.

Plug #2 mix and pump 50 sxs Type III cement (66 cf) inside down the 2.875" casing, squeeze 32 sxs outside the casing from 1340' to 1240' to isolate the Nacimiento zone and leave 18 sxs inside the casing up to 605', final squeeze pressure 1000#.

Shut in well and WOC overnight.

3/4/05 RIH and tag cement at 530'.

Perforate 3 holes at 180'. Establish circulation out the bradenhead with 5 bbls water.

Plug #3 with 74 sxs Type III cement (98 cf) pumped down the 2.875" casing from 180' to surface, circulate good cement out the bradenhead.

Shut in well and WOC.

ND BOP. Dig out and cut off wellhead. Install P&A marker with 10 sxs Type III cement.

RD and MOL.

B. Hammond with JAI, was on location.