

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

RECEIVED
FARMINGTON FIELD OFFICE

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		DEC 18 2014		5. Lease Serial No. Jicarilla 123 C
2. Name of Operator Energen Resources Corporation		Farmington Field Office Bureau of Land Management		6. If Indian, Allottee or Tribe Name Jicarilla Apache
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) 1550' FSL 1520' FWL, Sec. 06, T. 25N, R. 04W N.M.P.M. (K) NE/SW				8. Well Name and No. Jicarilla 123 C 32
				9. API Well No. 30-039-22971
				10. Field and Pool, or Exploratory Area West Lindrieth Dakota/Gallup
				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 type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<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
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input type="checkbox"/> Other _____

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 final site is ready for final inspection.)

Energen Resources permanently Plugged and Abandoned the Jicarilla 123 C #32 according to the attached report.

Approved as to plugging of the well bore. Liability under bond is retained until surface restoration is completed.

RECEIVED
FEB 02 2015
NMOC DISTRICT III

ACCEPTED FOR RECORD

FEB 02 2015

FARMINGTON FIELD OFFICE
BY: J. Salas

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Patsy Berger	Title Sr. Production Assistant
Signature <u>Patsy Berger</u>	Date 12/17/2014

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	

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 Corporation
Jicarilla 123C #32

December 3, 2014
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1550' FSL and 1520' FWL, Section 06, T-25-N, R-04-W
Rio Arriba County, NM
Lease Number: Jicarilla Contract 123
API #30-039-22971

Plug and Abandonment Report Notified NMOCD and BLM on 11/14/14

Plug and Abandonment Summary:

- Plug #1** with CIBP at 7515' spot 16 sxs (18.88 cf) Class B cement inside casing from 7515'-7305' to cover the Dakota top. No cement tag. Tag CIBP at 7515'. ✓
- Plug #1A** with 16 sxs (18.88 cf) Class B cement inside casing from 7515'-7305'. Tag TOC at 7358'. ✓
- Plug #2** with 32 sxs (37.76 cf) Class B cement mixed with 1% Cal. Chloride inside casing from 6633'-7305' to cover the Gallup top. Tag TOC at 6233'. ✓
- Plug #3** with 20 sxs (23.6 cf) Class B cement inside casing from 5932'-5669' to cover the Mancos top. Tag TOC at 5735'. ✓
- Plug #4 and #5 combined** with CR at 5016' spot 118 sxs (139.24 cf) Class B cement from 5058'-4028' with 4 under CR, 75 above CR and 39 outside to cover the Mesa Verde and Chacra tops. Tag TOC at 4008'. ✓
- Plug #6** with 60 sxs (70.8 cf) Class B cement mixed with 2% Cal. Chloride inside casing from 3401'-2610' to cover the Pictured Cliff, Fruitland Coal, Kirtland and Ojo tops. Tag TOC at 2616'. ✓
- Plug #7** with 24 sxs (28.32 cf) Class B cement inside casing from 1554'-1238' to cover the Nacimiento top. ✓
- Plug #8** with 136 sxs (160.48 cf) Class B cement inside casing from 268'-surface. Mix and pump 120 sxs to circulate cement to surface. Shut in BH. Mix and pump 16 sxs squeeze with a lock up at 200 PSI.
- Plug #9** with 44 sxs Class B cement top off casings and install P&A Marker. ✓

Plugging Work Details:

- 11/18/14 Equipment failure. SD for repairs.
- 11/19/14 Rode rig and equipment to location. Spot in and RU. Check well pressures: tubing 40 PSI, casing 150 PSI, BH 0 PSI. Open tubing piston. Tubing blew down in less than 5 minutes, no piston. Blew down casing in 5 minutes. RU slickline. PU GR and RIH to 7682'. POOH. PU 3 slip stops. RIH and set at 768'. POOH. RD slickline. ND WH. Pump 30 bbls of water down tubing. NU BOP, test. SI Well. SDFD.
- 11/20/14 Check well pressures: tubing 100 PSI, casing 25 PSI, BH 0 PSI. Pump 30 bbls of water down tubing. Establish circulation out casing with an additional 9 bbls of water. Establish circulation out BH with 12 bbls of water. Shut in well. TOO H with tally 1655' of tubing. HSM with WL. PU GR and RIH to 400', stack out at 415'. Cannot work past 420'. POOH and LD GR. PU string mill. TIH with 20 joints to 615'. LD string mill. PU GR and RIH to 7540'. POOH and LD GR. RIH and set CIBP at 7515'. POOH. RD WL. Pump 20 bbls of water into casing, no air bubbles. Fluid level dropping a foot a minute. SI Well. SDFD.

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Energen Resources Corporation
Jicarilla 123C #32

December 3, 2014

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1550' FSL and 1520' FWL, Section 06, T-25-N, R-04-W
Rio Arriba County, NM
Lease Number: Jicarilla Contract 123
API #30-039-22971

Plug and Abandonment Report
Notified NMOCD and BLM on 11/14/14

Plug and Abandonment Summary: (continued)

- 11/21/14 Check well pressures: casing and BH 0 PSI. Open to pit. Top off casing with 6 bbls of water. HSM with Basin Logging. RIH and run CBL from 7515' – surface. Found good cement from 7515'-6176', 6990'-6176', 6176'-5310', 5310'-3546', 3546'-2710'. Found ratty cement from 2710'-2364' and 2364'-1500'. Found good cement from 1500'-1140'. POOH and RD WL. TIH to 7515'. Establish circulation with 2 bbls of water and an additional 12 bbls to clean up returns. Attempt to pressure test casing and establish rate of 2.5 BPM at 500 PSI, no test. Open casing. Spot Plug #1. PUH to 7280'. SI Well. SDFD.
- 11/24/14 Check well pressures: tubing, casing and BH 0 PSI. TIH and no cement tag. Tagged CIBP at 7515'. Attempt to pressure test casing, leak. Spot Plug #1A. TOO H to 6655'. Establish circulation with 4 bbls of water and an additional 30 bbls of water, no cement in returns. SI Well. SDFD.
- 11/25/14 Check well pressures: tubing, casing and BH 0 PSI. Open to pit. TIH and Tag TOC at 7358'. PUH to 6633'. Establish circulation with 6 bbls of water with an additional 20 bbls to clean up returns. Attempt to pressure test, casing lost 800 PSI in less than 30 seconds. Spot Plug #2. Note: K. Mason, Energen, requested 1% Cal. Chloride. TOO H with 20 joints. Establish circulation with 4 bbls of water and an additional 22 bbls . WOC. TIH and tag TOC at 6233'. Establish circulation with 6 bbls and an additional 10 bbls to clean up returns. Attempt to pressure test casing, no test. Lost 800 PSI in 30 seconds. Spot Plug #3. TOO H to 4984'. Establish circulation with 2.5 bbls of water and additional 21.5 to clean returns. SI Well. SDFD.
- 11/26/14 Check well pressures: tubing, casing, BH 0 PSI. Open to pit. TIH and tag TOC at 5735'. Establish circulation with 7.5 bbls of water. Attempt to pressure test, leak. Shut in casing and establish rate of 3 bbls a minute. TOO H with 160 joints. HSM with WL. RIH and perforate at 5058'. RD WL. TIH and set CR at 5016'. Pressure test tubing to 1000 PSI, good test. Sting out of CR. Establish circulation with 7.5 bbls and an additional 40 bbls. Sting into CR and establish rate of 1.5 bbls a minute at 1000 PSI. Brandon Powell, NMOCD, and Dakota Whitehawk, Jicarilla BLM, approved procedure change. Spot Plug #4 and #5 combined. TOO H with 128 stands. TIH to 3476'. SI Well. SDFD.
- 12/1/14 Check well pressures: tubing, casing and BH 0 PSI. Open to pit. TIH and tag TOC at 4008'. Establish circulation with 8 bbls and an additional 12 bbls to clean returns. Shut in casing.

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Energen Resources Corporation
Jicarilla 123C #32

December 3, 2014
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1550' FSL and 1520' FWL, Section 06, T-25-N, R-04-W
Rio Arriba County, NM
Lease Number: Jicarilla Contract 123
API #30-039-22971

Plug and Abandonment Report
Notified NMOCD and BLM on 11/14/14

Plug and Abandonment Summary: (continued)

- 12/1/14 Attempt to pressure test, no test. Establish rate of 3 bbls a minute at 500 PSI. Spot Plug #6. Establish circulation with 6 bbls and an additional 10 bbls. SI Well. WOC. TIH and tag TOC at 2616'. Shut in BH. Establish rate of 3 bbls a minute at 250 PSI, no test. Spot Plug #7. SI Well. SDFD.
- 12/2/14 Check well pressures: casing and BH 0 PSI. Open to pit. Attempt to pressure test casing with 4 bbls of water, no test. Establish circulation out BH with 1.5 bbls. Bryce Hammond, Jicarilla BLM, and Kyle Mason, Energen approved procedure change. HSM with WL. RIH and tag TOC at 1287'. Perforate at 268'. Establish circulation with 4 bbls and an additional 20 bbls to clean returns. Spot Plug #8. SI Well. WOC overnight. SDFD.
- 12/3/14 Check well pressures: casing and BH 0 PSI. Open to pit. RIH with tally tape, could not tag at 100'. PU 4 joints. Tag TOC at 115'. Bryce Hammond, Jicarilla BLM, approved to poly pipe inside. Dig out WH. Issue Hot Work Permit. Check for LEL, no LEL. Cut off WH. Note: Found cement in annulus 54' from surface. Spot Plug #9 and install P&A Marker. RD Rig and MOL.

Dakota Whitehawk, Jicarilla BLM representative, was on location. Kyle Mason, Energen representative, was on location on 11/25/14.