

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. Jic Cont 98
2. Name of Operator ENERGEN RESOURCES CORPORATION		6. If Indian, Allottee or Tribe Name Jicarilla Apache
3a. Address 2198 Bloomfield Highway, 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) 990' FNL, 1650' FWL, Sec. 17, T26N, R3W, N.M.P.M.		8. Well Name and No. Jicarilla 98 9
		9. API Well No. 30-039-20163
		10. Field and Pool, or Exploratory Area Tapacito 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 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 checked="" 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.)

This well was plugged and abandoned on 12/12/01 as per the attached plugging summary.



14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Don Graham	Title Production Superintendent
	Date 1/3/02

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Patricia M. Hester	Title Lands and Mineral Resources	Date JAN 14 2002
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.

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979
FARMINGTON, NM 87499
505-325-2627 • FAX: 505-325-1211

Energen Resources Corporation

December 13, 2001

Jicarilla 98 #9

Page 1 of 2

990' FNL & 1650' FWL, Section 17, T-26N, R-3-W

Rio Arriba, NM

Jicarilla Contract No. 98

API NO. 30-039-20163

Plug & Abandonment Report

Cementing Summary:

Plug #1 with CIBP at 3760', spot 14 sxs cement inside casing up to 3410' to isolate Pictured Cliffs perforations and cover through Kirtland top.

Plug #2 with retainer at 3330', mix and pump 32 sxs cement, squeeze 25 sxs outside 3-1/2" casing from 3339' to 3299' and leave 7 sxs inside casing to cover Ojo Alamo top.

Plug #3 with retainer at 1869', mix and pump 32 sxs cement, squeeze 25 sxs outside 3-1/2" casing from 1919' to 1819' and leave 7 sxs inside casing to 1748' to cover Nacimiento top.

Plug #4 with 72 sxs cement pumped down 2-7/8" casing from 290' to surface, circulate 1 bbl good cement out bradenhead.

Plugging Summary:

Notified JAT on 12-6-01

12-07 Safety Meeting. MO, RU. Layout relief line to pit. Blow down 30# bradenhead; tubing and casing zero. Bradenhead has steady blow. ND wellhead. Strip on wellhead, flange and BOP, test. TOH and tally 58 stands 1-1/4" tubing. Found heavy scale from 768' to 896'. Found tubing full of water from 24th stand to 55th stand, 109th joint was plugged. RU A-Plus wireline truck and round-trip 3-1/2" gauge ring to 3760'. Noted tight spots in 3-1/2" from 1000' to 2200'. Set 3-1/2" PlugWell wireline CIBP at 3760'. TIH with tubing to 3760'. Shut in well. SDFD.

12-10 Safety Meeting. Blow down 20# bradenhead pressure. Load casing with 5 bbls water and circulate hole clean with additional 35 bbls water. Attempt to pressure test casing, leak 1-1/2 bpm at 300# with bradenhead blowing. Plug #1 with CIBP at 3760', spot 14 sxs cement inside casing up to 3410' to isolate Pictured Cliffs perforations and cover through Kirtland top. PUH to 3408' and circulate hole clean with 40 bbls water. TOH with tubing. Perforate 3 bi-wire squeeze holes at 3399'. Procedure change approved by T. Muniz with JAT. Set 3-1/2" PlugWell wireline retainer at 3330'. TIH and sting into retainer. While stung in the CR, attempt to pressure test 3-1/2" casing, well flowed out the tubing. Pump down tubing and establish rate 2 bpm at 500#. Shut in tubing and attempt to pressure test casing, leak 1-1/4 bpm at 300# with blow on bradenhead. Pump down tubing and got slight circulation out casing. TOH with tubing and stinger; unable to find hole in tubing. Stinger looks OK. Bull plug tubing and TIH. Pressure testing tubing to 1000#, found small leak in third row RIH. Bled down from 1000# to 400# in 20 seconds. Shut in well. SDFD.

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990' FNL & 1650' FWL, Section 17, T-26N, R-3-W

Rio Arriba, NM

Plug & Abandonment Report

Jicarilla Contract No. 98

API NO. 30-039-20163

Cementing Summary Continued:

- 12-11** Safety Meeting. Pressure test tubing to 1000#, bled down to 400# in 20 seconds. LD 8 joints and pressure; held OK. Found 1 joint with pinhole and 1 joint with split collar. TOH with tubing and remove bull plug. TIH with tubing and sting into retainer. Establish rate into squeeze holes 1-1/2 bpm at 600#, with circulation out casing and bradenhead. Plug #2 with retainer at 3330', mix and pump 32 sxs cement, squeeze 25 sxs outside 3-1/2" casing from 3339' to 3299' and leave 7 sxs inside casing to cover Ojo Alamo top. TOH with tubing. Perforate 3 bi-wire squeeze holes at 1919'. Set 3-1/2" PlugWell wireline retainer at 1869'. TIH and sting into retainer. Attempt to pressure test casing, leak 1-1/2 bpm at 250# with circulation out bradenhead. Plug #3 with retainer at 1869', mix and pump 32 sxs cement, squeeze 25 sxs outside 3-1/2" casing from 1919' to 1819' and leave 7 sxs inside casing to 1748' to cover Nacimiento top. TOH and LD tubing. Perforate 2 bi-wire holes at 290'. Plug #4 with 72 sxs cement pumped down 2-7/8" casing from 290' to surface, circulate 1 bbl good cement out bradenhead. Shut in well with 500# pressure. Dig out wellhead. SDFD.
- 12-12** Safety Meeting. Open up BOP and found cement down 25' in 3-1/2" casing. ND floor and BOP. RD rig and equipment. Cut off wellhead and found cement down 15' in 3-1/2" x 7" annulus. Mix 16 sxs cement to fill casing and annulus and then install P&A marker. MOL.
T. Muniz and R. Velarde with JAT, were on location.