

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.

AUG 02 2012

Farmington Field Office
Bureau of Land Management

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. SF-079488A
2. Name of Operator ENERGEN RESOURCES CORPORATION		6. If Indian, Allottee or Tribe Name
3a. Address 2198 Bloomfield Highway, Farmington, NM 87401	3b. Phone No. (include area code)	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 700' FSL, 415' FEL, Sec. 30, T30N, R4W, N.M.P.M.		8. Well Name and No. Carson 5A
		9. API Well No. 30-039-26146
		10. Field and Pool, or Exploratory Area Blanco MV
		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 recomple 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 recomple 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.)

The Carson 5A was permanently plugged and abandoned according to the attached report.

RCVD AUG 6 '12
OIL CONS. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Collin Placke		Title District Engineer
Signature Collin Placke		Date 07/31/12
THIS SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by		Title Date FARMINGTON FIELD OFFICE
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 TV Jc
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		

NMOCD

AV

A-PLUS WELL SERVICE, INC.

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

Energen Resources
Carson #5A

July 18, 2012
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700' FSL and 415' FEL, Section 30, T-30-N, R-4-W
Rio Arriba County, NM
Lease Number: NMSF-079488A
API #30-039-26146

Plug and Abandonment Report Notified NMOCD and BLM on 7/3/12

Plug and Abandonment Summary:

Plug #1 with CIBP at 6194' pump 24 sxs (28.32 cf) Class B cement inside casing from 6194' to 5878' to cover Mesaverde perforations.

Plug #2 pump 16 sxs (18.88 cf) Class B cement inside casing from 5263' to 5053' to cover Mesaverde top.

Plug #3 pump 40 sxs (47.2 cf) Class B cement inside casing from 4760' to 4423' to cover the 7" casing shoe and 4.5" liner top.

Plug #4 pump 150 sxs (177 cf) Class B cement inside casing from 4202' to 3402' to cover the Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops.

Plug #5 pump 29 sxs (34.22 cf) Class B cement inside casing from 2528' to 2374' to cover the Nacimiento top.

Plug #6 pump 89 sxs (105.02 cf) Class B cement inside casing from 388' to surface.

Plug #7 pump 20 sxs Class B cement to install P&A marker.

Plugging Work Details:

7/5/12 MOL and RU. SDFD.

7/6/12 Travel to location. Roads too muddy to get H2S equipment on location. SDFD.

7/9/12 RU H2S equipment. Mask up to check for H2S. No H2S. Check well pressures: casing 5 PSI, tubing and bradenhead 0 PSI. Blow well down. PU polish rods. TOH 1 – 4' pony rod, 134 ¾" rods, 44 - ¾" rods with 1 guided per rod 1 ¾" rod 14'. Rods parted while TOH; TOF at 4468'. ND the wellhead, NU the BOP; function test. TOH. SI well. SDFD.

7/10/12 Open up well; no pressures. H2S 18 PPM. Blow well down. PU 1 – 9/16" tubing circulation. RIH and tag fish top at 3726'. PUH and perforate 3 tubing circulation holes at 3718'. POH. TOH tally 72 joints of 2 – 3/8" tubing. TOH and LD 55 ¾" rods with 2 guides per rod. H2S alarm at 57 ppm. RU supplied air system. Pump 30 bbls of water down backside. LD 24 – ¾" rods and the pump. Shut in the well and x-over for tubing work. SI well. SDFD.

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- 7/11/12 Open up well; no pressures. RU H&M and pump 45 gals of 216 B H₂S scavenger followed by 1 bbl of water. TOH. RIH with 5-3/4" gauge ring to 3762', tagged up 5 times. TOH. PU 3.675" gauge ring and RIH; tag liner top at 4562'. Continue into hole to 6220'. TOH. PU 4.5" CIPB and RIH; tag liner at 4562'; continue to run in hole to 6194' and set. RD wireline. TIH and tag the CIBP at 6194'. Spot plug #1. PUH. SI well. SDFD.
- 7/12/12 Open up well; no pressures. TIH and tag cement at 5854'. L. Pixley approved tag. PUH to 5263'. Spot plug #2. LD joints. TIH and tag cement 5072'. PUH. Spot plug #3. LD joints. SI well. SDFD.
- 7/13/12 Open up well; no pressures but casing on a vacuum. TIH and tag cement at 4438'. TOH with tubing. PU 7" string mill; TIH and tag at 3753'. Rotated with tong and torqued up. Spudded it 10 times and made no hole. SI well. SDFD.
- 7/16/12 Open up well; no pressures. RU power swivel. Tag at 3753'. Establish circulation with 85 bbls of water. Drill out cement from 3753' to 3794'. H₂S at 35 ppm. Establish circulation and continue to drill out to 4230'. Circulate well clean. Returns were cement, scale and sand. RD swivel. SI well. SDFD.
- 7/17/12 Open up well; no pressures. TOH and LD string mill. PU 7" wireline CIBP and RIH; set at 4202'. POH. Pressure tested bradenhead to 300 PSI. TIH to 4202'. Pressure test casing to 700 PSI; OK. Spot plug #4. L. Pixley BLM and C. Perrin NMOCD approve procedure change. Spot Plug #5 and #6. TOH and LD all tubing. SI well. SDFD.
- 7/18/12 Open up well; no pressures. ND BOP and dig out the wellhead. Write and perform Hot Work permit. Cut off wellhead. Found cement down 7' in surface casing and down 3' in annulus. Spot Plug #7. Install P&A marker. RD and MOL.

Larry Pixley, BLM, representative was on location.