Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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.			7. If Unit or CA/Ag	7. If Unit or CA/Agreement, Name and/or No.	
Type of Well			8. Well Name and No. JICARILLA C 8		
Name of Operator ENER VEST OPERATING L	Contact: JA LC E-Mail: jbienski@ene	ANET M BIENSKI ervest.net	9. API Well No. 30-039-08148	9. API Well No. 30-039-08148-00-S2	
3a. Address 1001 FANNIN STREET SUI HOUSTON, TX 77002-6708	TE 800 1	Bb. Phone No. (include area code Ph: 713-495-1571 Fx: 713-982-1501	BASIN DAKÓ	10. Field and Pool, or Exploratory BASIN DAKOTA BLANCO MESAVERDE	
4. Location of Well (Footage, Sec., Sec 13 T26N R5W SWNW 1 36.48909 N Lat, 107.31648 N	850FNL 790FWL		11. County or Parish RIO ARRIBA (
12. CHECK APP	PROPRIATE BOX(ES) TO I	NDICATE NATURE OF 1	NOTICE, REPORT, OR OTHE	R DATA	
TYPE OF SUBMISSION	TYPE OF ACTION		F ACTION		
Attach the Bond under which the we following completion of the involve	hally or recomplete horizontally, given by will be performed or provide the doperations. If the operation result bandonment Notices shall be filed of final inspection.)	e subsurface locations and meast Bond No. on file with BLM/BIA s in a multiple completion or reco	ured and true vertical depths of all perts. Required subsequent reports shall be of the perts o	inent markers and zones. e filed within 30 days 60-4 shall be filed once	
14. I hereby certify that the foregoing i	Electronic Submission #954	ERATING LLC, sent to the I	Rio Puerco		
Name (Printed/Typed) JANET M BIENSKI		Title REGUL	ATORY ASSISTANT		
Signature (Electronic	Submission)	Date 10/21/20	010		
	THIS SPACE FOR	FEDERAL OR STATE	OFFICE USE		
Approved By ACCEPTED		STEPHEN _{Title} PETROLE	MASON JM ENGINEER	Date 10/28/201	
Conditions of approval, if any, are attached. Approval of this notice does not warrant or ertify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.			со		
itle 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	U.S.C. Section 1212, make it a crim statements or representations as to an	e for any person knowingly and my matter within its jurisdiction.	willfully to make to any department 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

EnerVest Operating LLC
Jicarilla C #8

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1850' FNL & 790' FWL, Section 13, T-26-N, R-5-W Rio Arriba County, NM Lease Number: Jic 108 API#30-039-08148

Plug and Abandonment Report

Notified BLM on 10/4/10

Plugging Summary:

- 10/04/10 MOL and RU. LO/TO equipment on location. Check well pressures: 4.5" and 7.625" casing pressures: 145 PSI; tubing pressure, 300 PSI. Found bradenhead valves open. Layout relief line to pit. Blow well down. ND wellhead. NU BOP and test. PU on tubing string and LD tubing hanger. SI well. SDFD.
- 10/05/10 Open well and blow down 20 PSI tubing pressure. TOH, tally and inspect 186 joints 4.7# J-55 2.375" tubing. Total tally: 5881'. TIH with 3.875" cone bit and bit sub; tag at 6460'. PU power swivel. Establish circulation out casing 70 bbls at 2bpm. Attempt to drill cement. Hydraulic hose went out on rig. Circulate well clean with 30 bbls of water. PUH 1 joint. SI well. SDFD.
- 10/06/10 Open up well; no pressures. TIH with tubing and tag at 6460'. Establish circulation with approximately 60 bbls of water. Drill out 4' of cement; fell through. Hang back swivel. Continue in hole with tubing to 7929' and tag existing CIBP. Circulate well clean with 60 bbls fresh water. Rick Romero, BLM representative, approved spot Plug #1 with drill bit and bit sub on.

Plug #1 with existing CIBP at 7929', spot 19 sxs Class B cement (22.4 cf) inside casing above CIBP up to 7679' to isolate the Dakota interval. PUH with tubing and WOC. SDFD.

- 10/07/10 Open well, no pressure. TIH and tag cement at 7626'. PUH to 7017'. Plug #2 spot 15 sxs Class B cement (17.7 cf) inside casing from 7017'
 - Plug #2 spot 15 sxs Class B cement (17.7 cf) inside casing from 7017' to 6820' to cover the Gallup top.

PUH and WOC. TIH and tag cement high at 6525'. BLM approved continuing with P&A procedure. TOH with tubing. SI well. SDFD.

10/08/10 Open well, no pressure. TIH with 4.5" DHS cement retainer and set at 5412'. Pressure test tubing to 1500 PSI. Sting out of CR. Load casing with 13 bbls of fresh water and circulate well clean with additional 47 bbls of water. Pressure test 4.5" casing to 800 PSI for 10 minutes.

Plug #3 with CR at 5412', spot 12 sxs Class B cement (14.1 cf) above CR up to 5254' to cover the Mesaverde interval.

TOH with tubing. Perforate 3 squeeze holes at 4730'. Establish circulation out intermediate casing while water equalizing from 4.5" casing. TIH with 4.5" DHS cement retainer and set at 4684'. Load 4.5" casing with 10 bbls of water; test. Had rate 2.5 bpm at 300 PSI with blow out intermediate casing.

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Plug and Abandonment Report - Continued:

- 10/08/10 Sting into CR. RU on 4.5" casing and load with 6 bbls of water. Pump approximately 15 bbls of water 2.5 bpm at 300 PSI with circulation out tubing and blow out intermediate casing. TOH with tubing and setting tool. SI well. SDFD.
- 10/11/10 Procedure change approved by BLM and EnerVest representatives. Perforate 3 squeeze holes at 4682'. TIH with 4.5" DHS cement retainer and set at 4622'. Attempt to pressure test 4.5" casing; established circulation out 4.5" casing with 1.5 bbls of water. Sting into CR. Establish circulation out 4.5" and 7.625" casings for 2 bbls of water, then under rate 1.5 bpm at 900 PSI stopped circulating out 4.5" casing. Continued to circulate out 7.625" casing.

Plug #4 with CR at 4622', mix and pump 66 sxs Class B cement (77.8 cf), squeeze 58 sxs below CR and outside 4.5" and 7.625" casings; sting out of CR and spot 8 sxs cement above CR to 4517' to cover the Chacra top.

TOH and WOC. RIH with wireline and tag cement at 4537'. PUH and perforate 3 squeeze holes at 4050'. POH. RIH with wireline set 4.5" PlugWell cement retainer and set at 3990'. RIH with tubing and tag CR at 3990'. Pressure test 4.5" casing to 800 PSI. Sting into CR and establish rate out intermediate casing 1.5 bpm at 600 PSI.

Plug #5 with CR at 3990', mix and pump 99 sxs Člass B cement (108.9 cf), squeeze 77 sxs outside casings and leave 22 sxs above CR up to 3700' to cover the 7.625" casing shoe and Pictured Cliffs top.

TOH with tubing. SI well. SDFD.

- 10/12/10 Continue to TOH and LD tubing. RIH with wireline and tag cement at 3658'. Perforate 3 squeeze holes at 3648'. Attempt to establish circulation out intermediate casing. Pressured up to 900 PSI and held. BLM approved procedure change. Perforate 3 squeeze holes at 3544'. Pump down 4.5" casing and establish circulation out intermediate casing 2 bpm at 200 PSI. TIH with 4.5" DHS cement retainer and set at 3514'. Plug #6 with CR at 3514', mix and pump 102 sxs Class B cement (120.3 cf), squeeze 72 below CR and out 4.5" casing and leave 30 sxs above CR up to 3130' to cover the Fruitland, Kirtland and Ojo Alamo tops. PUH to 1901'. SI well. SDFD.
- TOH with tubing. RIH with wireline and tag cement at 3089'. PUH and perforate 3 squeeze holes at 1952'. RIH and set 4.5" PlugWell wireline cement retainer at 1902'. TIH and tag cement retainer at 1902'. Sting into CR and establish circulation out intermediate casing with 10 bbls of water. SI intermediate casing; unable to circulate out bradenhead ½ bpm at 1200 PSI. Open up intermediate.

Plug #7 with CR at 1902, mix and pump 64 sxs Class B cement (75.5 cf), squeeze 32 sxs outside 7.625" x 9.625"annulus; 24 sxs in 4.5" x 7.625" annulus and below CR; sting out of CR and leave 8 sxs above CR up to 1797' to cover the Nacimiento top.

TOH and LD tubing. Perforate 3 squeeze holes at 483'. Establish circulation down 4.5" casing and out 7.625" annulus with 15 bbls of water. SI casing and establish circulation out bradenhead with 45 bbls of water.

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Plug and Abandonment Report - Continued:

- Plug #8 with 7.625" casing SI; mix and pump 162 sxs Class B cement (191.1 cf) down the 4.5" casing and out 10.75" bradenhead with good cement returns. Displace cement to perforations. SI well.

 Lindrith Backhoe dug 1.5' down and hit sandstone around wellhead. Will need to RD in morning for backhoe to finish digging out around wellhead. SDFD.
- 10/14/10 Open up well; small pressure on casing and annulus. Pressure test bradenhead to 300 PSI. Pump down 4.5" and establish circulation out 7.625" annulus with 1.5 bbls of water. SI intermediate. Pressures up to 400 PSI and bled off to 0 PSI in 1 minute. Plug #8a mix and pump 202 sxs Class B cement (238.4 cf); 1) pump 110 sxs down 4.5" casing to circulate good cement out 7.625" intermediate casing valve; 2) shut in 7.625" intermediate casing; 3) continue to mix and squeeze 92 sxs Class B cement outside the 7.625" casing; 4) hesitate last 8 sxs of cement, final squeeze pressure 500 PSI. SI well and WOC. RD rig and equipment. Lindrith Backhoe finished digging out around wellhead to cut off point. Issue Hot Work Permit. Cut off wellhead. Plug #9 mix and pump 40 sxs Class B cement (47.2 cf) to top off casing and install P&A marker. RD and MOL.

Rick Romero, BLM representative, was on location. Chester Deal, EnerVest representative, was on location.