Form 3160-5 (August 2007) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT NOV 14 2016 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 Land Mana abandoned well. Use Form 3160-3 (APD) for such proposals. NOV 14 2016 FORM APPROVED SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an Land Mana abandoned well. Use Form 3160-3 (APD) for such proposals. Ford Mana for MIDA 701-98-0013, Tract 1 SUBMIT IN TRIPLICATE - Other Instructions on page 2. 7. If Unit or CA. Agreement Name and/or No. Submit in Tripe of Well Other 8. Well Name and No.	<i>⇒</i> !						
Department DEPARTMENT OF THE INTERIOR NOV 14 201 Determined in the intermediation of the intermedi				RECEIVED	Ng.		
BUREAU OF LAND MANAGEMENT With The data in the intervence of the control of the							
Lane for a form for proposals to diff or to re-effect on Land Mana, Alone, et Table Name, Alone, et Nam	(August 2007)	NULL FI VIII			the set and an an an and a set and		
SUNDRY NOTICES AND REPORTS ON WELLS grow Field On Evaluation of the New Subandona duell, use from 346-3 (440) for such proposals to diff or to public of the New Subandonal Vell, Use Form 346-3 (440) for such proposal subandonal New Subandonal Vell, Use Form 346-3 (440) for such proposal subandonal Vell, Vell New Subandonal Vell New Suban		BUREAU OF LA	IND MANAGEMEN	1	5. Lease Serial No	and the second se	
Bandoned well. Use Form 3169-3 (APD) for such proposes. Juncarilla Anales the This SUBMIT IN TRIFLEATE - Other Instructions on page 2. Juncarilla Anales and No. Junc		-98-0013, Tract 1					
SUBMIT IN TRIPLICATE - Other Instructions on page 2. 7. If Unit of CA Agreement Name and/or No. 1	[al						
Annue of Operator Black Hills Gas Resources, Inc. J. And Weil School Scho			induducino chi pugo		and de Easter	Nach in the second s	
Bit Actions Image: Strate in the intervence of the inter	Oil Well Gas Well	Other			8. Well Name and No.		
	2. Name of Operator			i i i i i i i i i i i i i i i i i i i	9. API Well No. 358		
3200 N 1st St, BLOOMTHEIL, NM 87413 (505) 634-5104 ID Tedeman Polic, responsely Area 4. Location of Well (Poolege, Sc., T., R. M., or Sorrey Decryption) (11) Control Science Cyn. Tert / E. Blanco PC 4.00 FNL 2: 440° FEL IND/NE Section 34 T30N R3W (UL: A) ID Cabresto Cyn. Tert / E. Blanco PC 11: Contry of Parkai, Sate ID Cabresto Cyn. Tert / E. Blanco PC 12: CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA ID TYPE OF ACTION In Notice of Inten Indicate Despen Production (Sate' Rewme) Weit Stat-off Subsequent Report Intensity Casing Francia Tert Recomptite Other ID 13: Beenho Proposed of Comptet Construction Prog tab. Weit English ID			i and				
Rio Arriba County, New Mexico 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF SUBMISSION TYPE OF SUBMISSION Acidar Despin Product of the submission Subsequent Report Casing Repair Change Plans Plag and abandon To Proposed to Complete Operation Classly stage plans Plag back "To Benche Proposed to Complete Operation Classly stage plans Plag back "To Benche Proposed to Complete Operation Classly stage plans and measure and measure and the stage of the operation Billy or ecomplete horizonally, give subsurface locations and measure and the stage of the operation Bill field on the field on the field on the stage of the operation Bill field on the stage of the operation	4. Location of Well (Footage, Sec., 1	., R., M., or Survey Description)	A S C THE PROPERTY OF A SH	Fol. 9. (9)			
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION	440' FNL & 440' FEL NE/NE Section 34 T30N R3W (UL: A)						
TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Acidize Deepen Production (Start/Resume) Water Shut-off Subsequent Report Casing Repair New Construction Reclamation Deliver Subsequent Report Casing Repair New Construction Reclamation Deliver The Acidize Descript Proposed or Complete Organical Distribution Plag and abandon Water Disposal "IN Descript Proposed or Complete Organical Distributions of the United State and State							
Notice of Intent	which a fear an and a state of a state of the	ROPRIATE BOX(S) TO I	NDICATE NATURE O	a flexible have been	DR OTHER DA	TA	
Subsequent Report Casing Repair New Construction Recamation Other The proposed or Completed Operation Clearly state all performed or provide the Book No. on file with the BLAW BLA. Required autoextical dentifion thereof. The proposed or Completed Operation Clearly state all performed or provide the Book No. on file with the BLAW BLA. Required autoextical dentifion thereof. '13. Describe Proposed or Completed Operation Clearly state all performed or provide the Book No. on file with the BLAW BLA. Required autoextical dentified on the order. At the described of all performed or provide the Book No. on file with the BLAW BLA. Required autoextical dentified on the described and approximate dentified on the order of a described regime shall be filed with the BLAW BLA. Required autoextical dentified on the described regime shall be filed with the BLAW BLA. Required autoextical dentified on the described regime shall be filed with the BLAW BLA. Required autoextical dentified on the described regime shall be filed with the BLAW BLA. Required autoextical dentified on the described regime shall be filed with the BLAW BLA. Required autoextical dentified on the described regime shall be filed with the BLAW BLA. Required autoextical dentified on the described regime shall be filed with the BLAW BLA. Required autoextical dentified on the described regime shall be filed with the BLAW BLA. Required autoextical dentified on the described regime shall be filed with the BLAW BLA. Required autoextical dentified with the BLAW BLA. Required autoextical dentified with the described regime shall be filed with the BLAW BLA. Required autoextical dentified with the BLAW BLAW BLAW BLAW BLAW BLAW BLAW BLAW	TYPE OF SUBMISSION	and group in the second	and the second	TYPE OF ACTION	The second second	and a second second second	
Subsequent Report Casing Repart New Construction Plag and abandon 'I'learner the reported of Completed Operation Clearly state all pertinent details including estimated starting date of any proposed and completed duration thereof. The proposed or Completed Operation Clearly state all pertinent details including estimated starting date of any proposed and completed operations. The intervent of the proposal of the involved operations. The intervent is observed operations. The intervent of the action and operation of the involved operations. The involved operation set involved operation set involved operations. The involved operation set involved operations. The involved operation set involved operations. The involved operation set involved operation set involved operations. The involved operations. The involved operation set involved operations. The involved operations. The involved operation set involved operations. The involved operations. The involved operation set involved operations. The involved operation set involved operations. The involved operations. The involved operation set involved operations. The involved operations. The involved operation set involved operations. The involved operation set involved opera	Notice of Intent	Acidize	Deepen	Production (S	Start/ Resume)	Water Shut-off	
Subsequent Report Casing Repart New Construction Plag and abandon 'I'a Casing Repart Plag and abandon 'Plag and abandon Plag and abandon 'Plag and abandon Plag back 'Plag and abandon Plag back 'Plag and abandon Plag back 'Plag back Plag back 'Plag back		Altering Casing	Fracture Treat	Reclamation	e na strati na j se se na je na	Well Integrity	
Charge Plans Play and abandon Temporarity	Subsequent Report						
Final Abandomient Notic Image: State Abandomient Notic Image: State Abandomient Notic The proposed or Completed Operation Clearly state all pertinent details including estimated stating dato of any proposed work and approximate duration thereof. If the proposed is to depend the consult on the proposed is to depend the consult of the instance of a completed operations. If the proposed is to depend the consult on the proposed and true vertical deptit of all pertinent duration thereof. If the proposed is to depend the consult on the proposed and true vertical deptit of all pertinent duration of the vertical deptit of the pertinent of the pertinent duration is an antiple completies on recompleted, and the operator that determined that the site is ready for final impection.) Attached is the plug and abandonment report for the above mentioned well. Approved as to plugging of the well bore. Liability under bond is retained until surface restoration is completed. OIL CONS. DIV DIST, 3 NOV 1 7 2016 NOV 1 7 2016 Interference of the foregoing is true and correct. Name (Printed Typed) Daniel Manus Date Manual Manual Control of the subject for the subject for State of the plug and domage. Interference of the completed operations. The subject for the subject for the subject for the subject operation of the completed operation. The subject is the plug and abandonment report for the above mentioned well. Accepted by Control of the vell bore. Liability operation	Subsequent Report	1 ¹⁰⁰		a la constante de la constante	<u></u>		
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 give subscription in an ensured and true verical depths of all pertinent markers and zones. Attach the Boan Out more which the Work Will performed or provide the Boal No. on file. Required absequent reports shall be filed once testing has been completed. This has done ment the Boal No. on file own letting the been completed, and the operation has determined that the site is ready for final inspection.) Attach the Boan Complete Notice 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.) Attached is the plug and abandonment report for the above mentioned well. Approved as to plugging of the well bore. Liability under bond is retained until surface restoration is completed. OIL CONS. DIV DIST, 3 NOV 1 7 2016 Nov 1 7 2016 14. Thereby certify that the foregoing is true and correct. Name (Printed/ Typed) Daniel Manus Stimutor Daniel Manus The space FOR FEDERAL OR STATE OFFICE USE Approved by This Space FOR FEDERAL OR STATE OFFICE USE Approved by This Space FOR FEDERAL OR STATE OFFICE USE Approved by This Space I can be able to any atter which would office		Change Plans					
If a proposities to deepen directionally or recomplete horizontally, give subsurface locations and measured and true verical depths of all pertinent markers and zones. Attach the board work will be formed or provide the Board No. In the work will perfinded once insting the solution of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 fail be filed once insting the solution and work will be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.) Attached is the plug and abandomment report for the above mentioned well. Approved as to plugging of the well bore. Liability under bond is rectained until surface restoration is completed. Approved as to plugging of the well bore. Liability under bond is rectained until surface restoration is completed. ACCEPTED FOR RECORD NoV 17 2016 NOV 12000 14. 1 hereby certify that the foregoing is true and correct. Name (Printed' Typed) Nov 17 2016 Daniel Manus Title Maximum Date Approved by Date Conditions of approval. If any are attached Approval of this notice does not warrant or certify that the approval of this notice does not warrant or certify that the approval of this notice does not warrant or certify that the approval. If any are attached Approval of this notice does not warrant or certify that the approval. If any are attached Approval of this notice does not warrant or certify that the application to conduct operation is an ubject lease which would oritin the application to conduct operation is a	Final Abandonment Notice	Convert to Injection	Plug back	Water Dispose	al		
Daniel Manus Regulatory Techician II Title Title Bienature Date Manus Date Approved by Title 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 office Office Office Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	a 19	Approved as to plug of the well bore. Liab under bond is retained urface restoration is co	ging bility d until mpleted. . CONS. DIV DIST,	ACCEPTE NOV FARMING	14 2016	n za szeren al negyetetetetetetetetetetetetetetetetetete	
Title Signature Title Date Month 1200 March 2016 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, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.		is true and correct. Name (Printed		tory Techician II	21		
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, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.			Title			and the second	
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, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	Signature Tanie		Date Mon	14,2010	0		
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, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.		(THIS SP/	ACE FOR FEDERAL	OR STATE OFFICE I	JSE		
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, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	Approved by			4-			
fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	that the applicant holds legal or equitable entitle the applicant to conduct operation	le title to those rights in the subjec ons thereon.	t lease which would Of	fice			
				gly and willfully to make any o	department or agency	y of the United States any false,	
	States and a state of the state	و الم الم الم	5 2 15 S	107 Y 108 X 171	n i sere i	and a second	

N	MC	PA

Black Hills Gas Resources, Inc. Jicarilla 30-03-34 #2

-4

Section 34, T-30-N, R-3-W Rio Arriba County, NM Lease Number: MDA 701-98-0013 API #30-039-26101

Plug and Abandonment Report Notified Jicarilla BLM, BLM & NMOCD on 10/14/16

Plug and Abandonment Summary:

- Plug #1 with 99 sxs (116.82 cf) Class B cement from 3678' to 2804' to cover the Pictured Cliffs interval, Fruitland, Kirtland and Ojo Alamo tops. Tag TOC at 2816'.
- Plug #2 with CR at 2512' spot 81 sxs (95.58 cf) Class B cement from 2512' to 1797' to cover the Nacimiento interval.
- Plug #3 with 34 sxs (40.12 cf) Class B cement from 267' to surface to cover the 8-5/8" shoe and surface, circulate good cement out 5-1/2" casing valve.
- Plug #4 with 24 sxs Class B cement through poly pipe to top off casings and install P&A marker with coordinates N 36° 46' 28"/ W 107° 7' 48".

Plugging Work Details:

- 10/17/16 MIRU A-Plus #14 & McGuire H2S safety equipment. SITP and SIBHP 0 PSI, SICP 480 PSI. Blow well down. No H2S monitored. Attempt to pull rods, pump stuck. Back off rods. TOH and LD 47 - 7/8" rods and 15 - 3/4" rods. ND wellhead, NU BOP and function test. TOH with 50 jnts 2-3/8" tubing to find rods. PU on rod string found free. TOH LD 81 – 3/4" rods and onoff tool. SI well. SDFD.
- 10/18/16 SITP and SIBHP 0 PSI, SICP 180 PSI. Blow well down. No H2S monitored. Function test BOP. TOH with 2-3/8" tubing & tubing pump. TIH w/ plugging sub on tubing to 3678'. Pump 60.5 bbls ahead. Spot plug #1 with calculated TOC at 2804'. TOH. Pressure test bradenhead to 300 PSI with 1/2 bbl, held OK. SI well. SDFD.
- 10/19/16 SICP 12 PSI and SIBHP 0 PSI. Blow well down. No H2S monitored. Function test BOP. TIH with string mill and tag TOC at 2816'. TOH. TIH with CR and set at 2512'. Sting out, circulate well clean. Pressure test casing to 800 PSI, OK. Spot plug #2 with calculated TOC at 1797'. TOH. TIH to 267'. Spot plug #3 with TOC at surface. TOH. ND BOP. Dig out and cut off wellhead. Found cement down 14' in 5-1/2" casing and down 16' in 8-5/8" casing. Spot plug #4 through poly pipe to top off casings and install P&A marker with coordinates N 36° 46' 28"/W 107° 7' 48". RD and MOL.

Reuben Perea, Jicarilla BLM representative, was on location. McGuire Air Trailer, representative, was on location.