RECTIVE

Form 3160-5 (April 2004)

UNITED STATES

FORM APPROVED

UNITED STATES SEP 1 6 2008

			A A AT A CICK A CATE OF	of Land Manag	7. E	pires: March 31, 2007	
		BUREAU OF LAND M	TATAVOENTENDIN	migron Fleid O	5. Lease Serial N		
		NDRY NOTICES AND R			MD	A 701-98-0013	
		Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.				6. If Indian, Allottee, or Tribe Name	
						Illa Apache Tribe Agreement Name and/or N	
1. Type	SUBMIT IN TR	IPLICATE - Other Instructi	ons on reverse sid	ie.	, It oult of CA.	ARICEIDEN MAINE AND OF IN	
1. Тур	Oil Well X Gas Well	Other			8. Well Name and	l No.	
2. Nam	ne of Operator			····	_ 	rilla 29-02-33 #2	
	Hills Gas Resources	. Inc.			9. API Well No.	11111 27 02 00 112	
3a. Add		3b. Phone No. (include area code)		e area code)	30-039-26819		
	P.O. Box 249 Bloc			l-1111	10. Field and Pool, or Exploratory Area		
4. Loca		, R., M., or Survey Description)				nco, Pictured Clif	
Surface: 770' FNL		& 725' FWL Unit D Sec 33, T29N, R2W			11. County or Parish, State		
		· · · · · · · · · · · · · · · · · · ·			Ri	o Arriba, NM	
	12. CHECK APPROI	PRIATE BOX(S) TO INDICA	TE NATURE OF N	OTICE, REPOR	RT, OR OTHER	DATA	
TYP	E OF SUBMISSION	TYPE OF ACTION					
х	Notice of Intent	Acidize	Deepen	Production (S	start/ Resume)	Water Shut-off	
است.		Altering Casing	Fracture Treat	Reclamation	· · · · · · · · · · · · · · · · · · ·	Well Integrity	
	Subsequent Report	Casing Repair	New Construction	Recomplete		Other	
	, ,						
·	_	Change Plans X	Plug and abandon	Temporarily A	bandon	Abandon PC, FC and	
	Final Abandonment Notice	Convert to Injection	Plug back	Water Disposa	al	convert to water well	
Attac follo	ch the Bond under which the wa wing completion of the involve	nally or recomplete horizontally, give sork will performed or provide the Bond doperations. If the operation results in bandonment Notice shall be filed only find inspection.	I No. on file with the BLM a multiple completion or a	I/ BIA. Required subs recompletion in a new	sequent reports shall interval, a Form 310	be filed within 30 days 50-4 shall be filed once	
Bla the the	rmined that the site is ready for ack Hills Gas Resour e attached procedure	ces intends to plug back t . The Jicarilla Apache N his well for a water suppl	ation Departmen	t of Water Ad	ministration l	nas indicated that	
Bla the the	rmined that the site is ready for ack Hills Gas Resour e attached procedure ey will want to keep t	ces intends to plug back t . The Jicarilla Apache N his well for a water suppl	ation Departmen	t of Water Ad	ministration l l the well bac	nas indicated that k to 2200'. The	
Bla the the	rmined that the site is ready for ack Hills Gas Resour e attached procedure ey will want to keep t	ces intends to plug back t . The Jicarilla Apache N his well for a water suppl	ation Departmen	t of Water Ad	ministration l l the well bac	nas indicated that	

Name (Printed/ Typed) Title Loren Diede Consultant (Agent) 29-Aug-08 Date THIS SPACE FOR FEDERAL OR STATE OFFICE USE SEP 2 0 2003 Original Signed: Stephen Mason Approved by Original Signed: Stephen Mason
Conditions of approval, if any are attached. Approval of this notice does not warrant or Date certify that the applicant holds legal or equitable title to those rights in the subject lease office 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, fictitiousor fraudulent statements or representations as to any matter within its jurisdiction.

PLUG AND ABANDONMENT PROCDURE (Convert to Water Well) Jicarilla 29-02-33 #2

June 10, 2008

EB PC/ Basin FC / LaJara Canyon Tertiary 770' FNL & 725' FWL, NW, Section 33, T29N, R2W Rio Arriba County, New Mexico, API #30-039-26819

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

All cement will be Class G, mixed at 15.8 ppg with a 1.15 cf/sx yield.

- 1. Project will require a Pit Permit (C103) from the NMOCD or steel tanks.
- Install and test location rig anchors. Prepare and line a waste fluid pit. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.

3.	Rods: Yes X , No, Unknown
	Tubing: Yes X, No , Unknown , Size 1.5', Length 3626'.
	Packer: Yes, No, Type
	If well has rods or a packer, then modify the work sequence in Step #2 as appropriate.

- 4. Plug #1 (Pictured Cliffs and Fruitland perforations and tops, 3458' 3358'): TIH and set a CR at 3458'. Pressure test casing to 800 PSI. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 17 sxs Class B cement and spot above CR to cover through the Kirtland top. PUH.
- 5. Plug #2 (Kirtland and Ojo Alamo tops, 3330' 2820'): Mix 64 sxs Class B cement and spot a balanced plug inside the casing to cover the Kirtland and Ojo Alamo tops. PUH.

2089 1989

- 6. Plug #3 (Nacimiento top, 2300' 2200'): Mix 17 sxs Class B cement and spot a balanced plug inside casing to cover the Nacimiento top.
- 7. ND BOP and NU wellhead. RD and MOL.

Jicarilla 29-02-33 #2

Current

EB PC/Basin FC, La Jara Canyon Tertiary

770' FNL & 725' FWL, Section 33, T-29-N, R-2-W

Rio Arriba County, NM / API #30-039-26819

Today's Date: **6/10/08** Spud: **6/20/03**

Tertiary Completion: 11/19/03 PC Completion: 11/19/03 FtC Completion: 8/26/05

Elevation: 7251' GI 7256' KB 12.25" hole

Nacimiento @ 2250'

Ojo Alamo @ 2870'

Kirtland @ 3280'

Fruitland @ 3495'

Pictured Cliffs @ 3580'

7.875" hole

TOC @ surface 8.625", 24# Casing set @ 262' Cement with 175 sxs (Circulated to Surface) 1.5" Tubing at 3626' (114 jts w/SN and Mud Anchor with rods and pump) Ojo Alamo Perforations: 2870' - 2880', Sqz'd w/150 sxs total (2006) Fruitland Coal Perforations: 3508' - 3534' Pictured Cliffs Perforations: 3560' - 3588' CIBP set at 3710' 5.5" 15.5#, J-55 Casing set @ 3750'

Cemented with 1170 sxs

TD 3750' PBTD 3710'

Jicarilla 29-02-33 #2 Proposed Plugback

EB PC/Basin FC, La Jara Canyon Tertiary

770' FNL & 725' FWL, Section 33, T-29-N, R-2-W

Rio Arriba County, NM / API #30-039-26819

Today's Date: 6/10/08

Spud: 6/20/03

Tertiary Completion: 11/19/03 PC Completion: 11/19/03 FtC Completion: 8/26/05

Elevation: 7251' GI

7256' KB

12.25" hole

Nacimiento @ 2250'

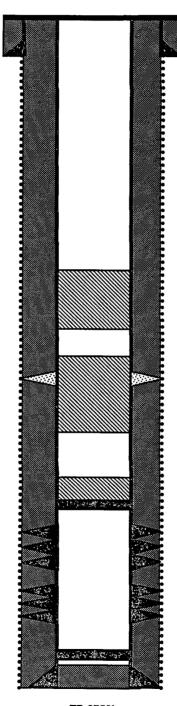
Ojo Alamo @ 2870'

Kirtland @ 3280'

Fruitland @ 3495'

Pictured Cliffs @ 3580'

7.875" hole



TD 3750' PBTD 3710'

TOC @ surface

8.625", 24# Casing set @ 262' Cernent with 175 sxs (Circulated to Surface)

> Plug #3: 2300' - 2200' Class B Cement, 17 sxs

> Plug #2: 3330' - 2820' Class B Cement, 64 sxs

Ojo Alamo Perforations: 2870' – 2880', Sqz'd w/150 sxs total (2006)

> Plug #1: 3458' - 3358' Class B Cement, 17 sxs

Cement Retainer @ 3458'

Fruitland Coal Perforations: 3508' – 3534'

Pictured Cliffs Perforations: 3560' – 3588'

CIBP set at 3710'

5.5" 15.5#, J-55 Casing set @ 3750' Cemented with 1170 sxs

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT FARMINGTON DISTRICT OFFICE

1235 LA PLATA HIGHWAY. FARMINGTON, NEW MEXICO 87401

Attachment to notice of Intention to Abandon:

Re: Permanent Abandonment Well: 2 Jicarilla 29-02-33

CONDITIONS OF APPROVAL

- 1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
- 2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
- 3. The following modifications to your plugging program are to be made:
- a) Place the Nacimiento plug from 2089' 1989'.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.