

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
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.***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. JIC119
2. Name of Operator HALL ENERGY CO.		6. If Indian, Allottee or Tribe Name JICARILLA APACHE
3a. Address 101 PARK AVENUE STE 1010 OKLAHOMA CITY, OK 73102-7202		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 505-325-1821		8. Well Name and No. JICARILLA 1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 5 T26N R4W SWNE		9. API Well No. 30-039-21523-00-S1
		10. Field and Pool, or Exploratory WEST LINDRITH
		11. County or Parish, and State RIO ARRIBA COUNTY, NM

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 recompletion 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 site is ready for final inspection.)

Plan to plug and abandon the well as per the following procedure. All plugs are designed by calculating the cement top behind casing from the primary cement volumes. Necessary changes will be made based on the cement tops from the CBL.

- 1) Set CR @ 4052'. Pressure test casing. Run CBL from 4052' to surface.
- 2) Spot Plug I above retainer @ 4052'-3508' w/40 sks (55 cu ft) Type III neat cement (15.6#/gal, 1.38 cu ft/sk) (PC, Fruitland Kirtland, Ojo Alamo, Plug I: 3508'-4052').
- 3) Perforate @ 2350'. Spot & squeeze plug II inside/outside 4-1/2" casing at 2350'-2250' w/30 sks (41.4 cu ft) Type III cement w/2% CaCl<sub>2</sub> (15.6#/gal, 1.38 cu ft/sk) (Nacimiento, Plug II: 2250'-2350').
- 4) Perforate below surface casing shoe @ 217'. Try to circulate to surface. Circulate cement to surface from 217' to surface w/60 sks (83 cu ft) Type III cement w/2% CaCl<sub>2</sub> (15.6#/gal, 1.38 cu

**Notify NMOCD 24 hrs  
prior to beginning  
operations****SEE ATTACHED FOR  
CONDITIONS OF APPROVAL****OIL CONS. DIV DIST. 3****JUL 21 2016****BLM'S APPROVAL OR ACCEPTANCE OF THIS  
ACTION DOES NOT RELIEVE THE LESSEE AND  
OPERATOR FROM OBTAINING ANY OTHER**

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #344318 verified by the BLM Well Information System  
For HALL ENERGY CO. Issued to the Rio Puerco  
Committed to AFMSS for processing by JACK SAVAGE on 07/18/2016 (16JWS0039SE)**

Name (Printed/Typed) ALIPH REENA	Title AGENT
Signature (Electronic Submission)	Date 07/11/2016

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By JACK SAVAGE	Title PETROLEUM ENGINEER	Date 07/18/2016
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 Rio Puerco

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 to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*****NMOCD**

**Additional data for EC transaction #344318 that would not fit on the form**

**32. Additional remarks, continued**

ft/sk) (San Jose-Surface, Plug III: 0'-217').

5) Tag TOC at surface. Fill cement in case needed. Cut wellhead.

6) Install dry hole marker. Cut anchors. Clean location.

# Revisions to Operator-Submitted EC Data for Sundry Notice #344318

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	ABD NOI	ABD NOI
Lease:	JIC119	JIC119
Agreement:		
Operator:	HALL ENERGY CO. C/O DUGAN PRODUCTION CORP. PO BOX 420 FARMINGTON, NM 87499-0420 Ph: 505-325-1821	HALL ENERGY CO. 101 PARK AVENUE STE 1010 OKLAHOMA CITY, OK 73102-7202 Ph: 405.232.8160
Admin Contact:	ALIPH REENA AGENT E-Mail: aliph.reena@duganproduction.com  Ph: 505-325-1821	ALIPH REENA AGENT E-Mail: aliph.reena@duganproduction.com  Ph: 505-325-1821
Tech Contact:	ALIPH REENA AGENT E-Mail: aliph.reena@duganproduction.com  Ph: 505-325-1821	ALIPH REENA AGENT E-Mail: aliph.reena@duganproduction.com  Ph: 505-325-1821
Location:		
State:	NM	NM
County:	RIO ARRIBA	RIO ARRIBA
Field/Pool:	TAPACITO PICTURED CLIFFS	WEST LINDRITH
Well/Facility:	JICARILLA 1 Sec 5 T26N R4W Mer NMP SWNE 1820FNL 1740FEL	JICARILLA 1 Sec 5 T26N R4W SWNE

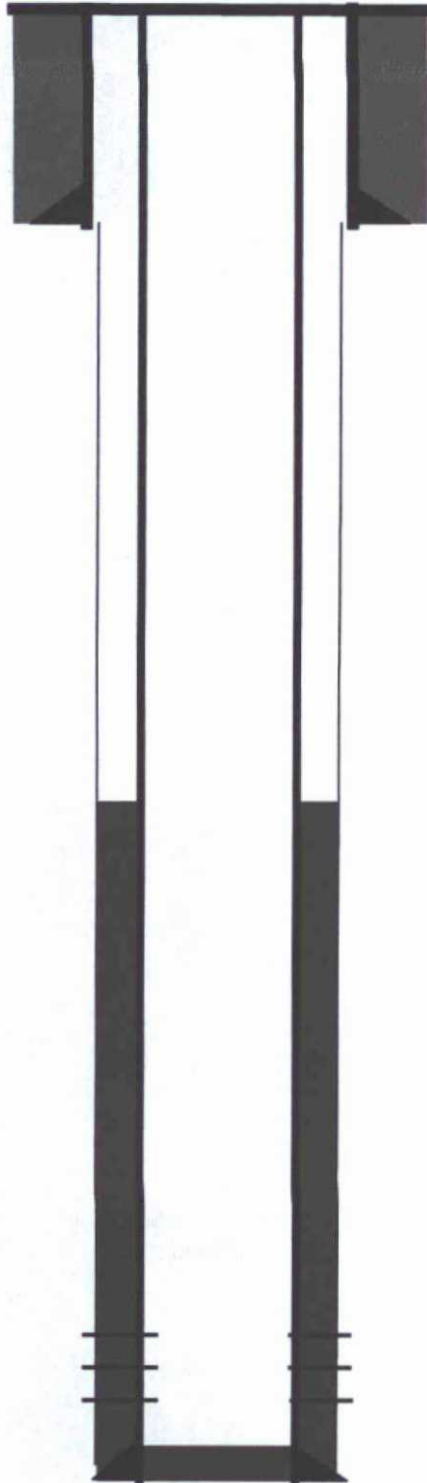
**Current Wellbore Schematic**

Jicarilla # 1, Tapacito PC

30-039-21523

1820' FNL & 1740' FEL

S5 T26N R4W



8 5/8" J-55 24# casing @ 167'. Cemented with 130 sks Type III w/  
2% gel. Hole size 12-1/4"

Cement production casing w/ 272 cu.ft. TOC calculated @ 2730' .

4 1/2" 10.5 # casing @ 4210'. Hole size: 6-3/4"

PC Perforated @ 4092' - 4118'

PBTD @ 4173'



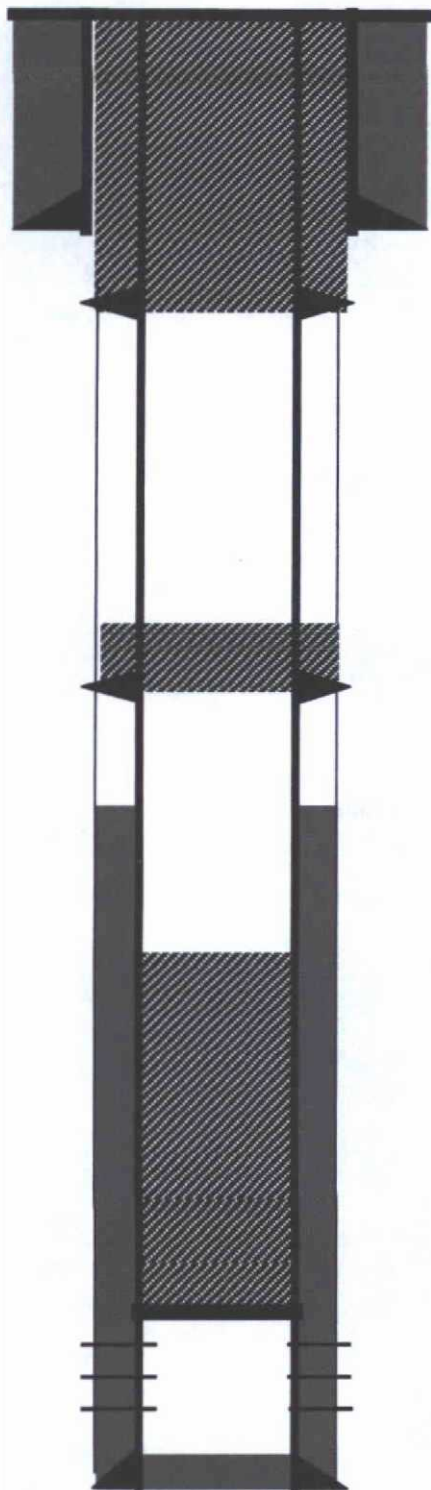
**Planned P & A Schematic**

Jicarilla # 1, Tapacito PC

30-039-21523

1820' FNL & 1740' FEL

S5 T26N R4W



8 5/8" J-55 24# casing @ 167'. Cemented with 130 sks Type III w/ 2% gel. Hole size 12-1/4"

Perforate @ 217'. Cement to surface w/ 60 sks Type III Cement (83 cu.ft) (Surface '-217).

Perforate @ 2350'. Spot inside/outside plug w/ 30 sks Type III Cement (41 cu.ft) b/w 2250'-2350' (Nacimiento)

Cement production casing w/ 272 cu.ft. TOC calculated @ 2730'.

4 1/2" 10.5 # casing @ 4210'. Hole size: 6-3/4"

Set CR @ 4052'. Set Inside Plug with 40 sks (55 cu.ft) @ 4052'-3508' Type III cement.(3508'-4052'). (PC, Fruitland Coal, Kirtland, Ojo)

PC Perforated @ 4092' - 4118'

PBTD @ 4173'

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
6251 COLLEGE BLVD.  
FARMINGTON, NEW MEXICO 87402

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: Jicarilla #1

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) 564-7750.
3. The following modifications to your plugging program are to be made:
  - a) Set plug #2 (2419-2319) ft. to cover the Nacimiento top. BLM picks top of Nacimiento at 2369 ft.

Operator will run CBL from CR to surface to identify TOC. Submit the electronic copy of the log for verification to the following addresses: [jwsavage@blm.gov](mailto:jwsavage@blm.gov) [Brandon.Powell@state.nm.us](mailto:Brandon.Powell@state.nm.us)

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.