

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.

5. Lease Serial No.
JIC119

6. If Indian, Allottee or Tribe Name
JICARILLA APACHE

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
JICARILLA 1

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

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
HALL ENERGY CO. Contact: ALIPH REENA
E-Mail: aliph.reena@duganproduction.com

3a. Address
101 PARK AVENUE STE 1010
OKLAHOMA CITY, OK 73102-7202

3b. Phone No. (include area code)
Ph: 505-325-1821

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 5 T26N R4W SWNE

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 recomplete 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% CaCl₂ (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% CaCl₂ (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 AUTHORIZATION REQUIRED FOR OPERATIONS

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 **

NMOCD AV

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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

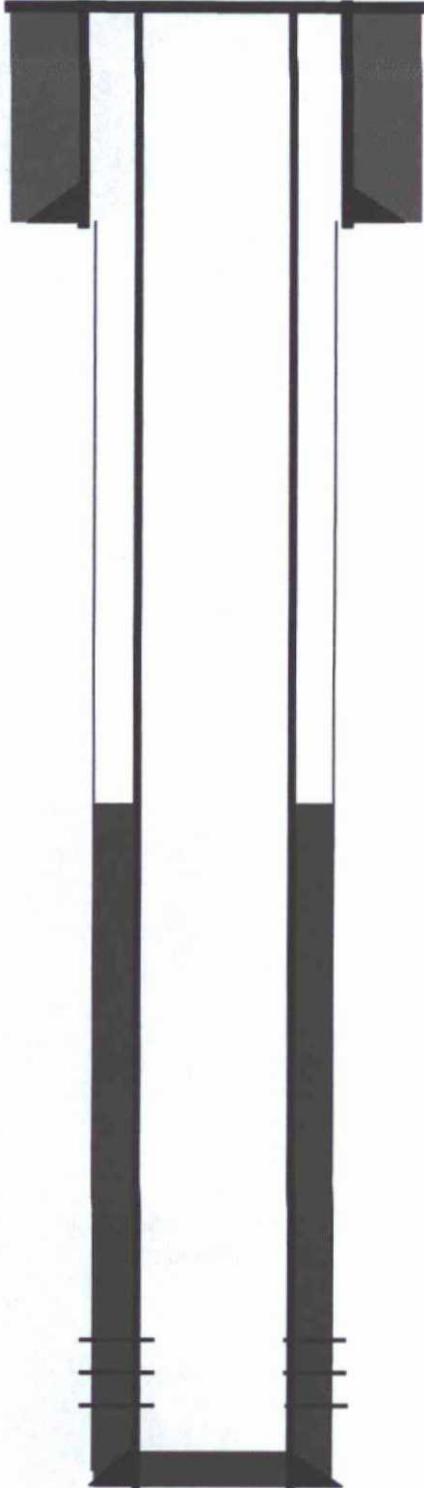
Current Wellbore Schematic

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'

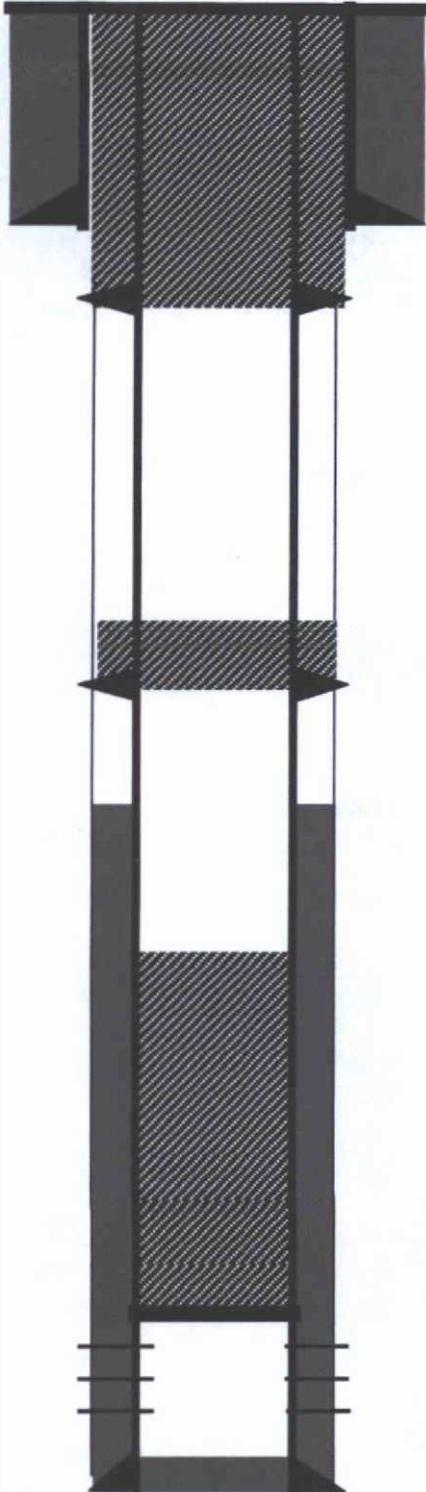
Planned P & A Schematic

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 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.