

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.*

5. Lease Serial No.  
NMSF078875

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
891001059C

8. Well Name and No.  
CANYON LARGO UNIT 359

9. API Well No.  
30-039-23878-00-S1

10. Field and Pool, or Exploratory  
DEVIL'S FORK

11. County or Parish, and State  
RIO ARRIBA COUNTY, NM

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
HUNTINGTON ENERGY LLC  
Contact: CATHERINE SMITH  
E-Mail: csmith@huntingtonenergy.com

3a. Address  
908 NW 71ST ST  
OKLAHOMA CITY, OK 73116

3b. Phone No. (include area code)  
Ph: 405-840-9876 Ext: 129  
Fx: 405-840-2011

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 31 T25N R6W NESW 1595FSL 1850FWL  
36.353897 N Lat, 107.510590 W Lon

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"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input type="checkbox"/> Other
	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Temporarily Abandon
	<input checked="" type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Convert to Injection

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 recompletable 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 recompletable 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.)

Huntington EEnergy, L.L.C. requests approval to plug and abandon the above referenced well. The plugging procedure and wellbore diagrams are attached. A Plus well service will plug this well. The plugging will take place in approximately 45-60 days, pending partner approval.

RCVD DEC 17 '12  
OIL CONS. DIV.  
DIST. 3

Notify NMOCD 24 hrs  
prior to beginning  
operations

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

Electronic Submission #162164 verified by the BLM Well Information System  
For HUNTINGTON ENERGY LLC, sent to the Farmington  
Committed to AFMSS for processing by STEVE MASON on 12/13/2012 (13SXM0371SE)

Name (Printed/Typed) CATHERINE SMITH Title REGULATORY

Signature (Electronic Submission) Date 12/10/2012

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

Approved By STEPHEN MASON Title PETROLEUM ENGINEER Date 12/13/2012

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 Farmington

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 A

## PLUG AND ABANDONMENT PROCEDURE

December 4, 2012

### Canyon Largo Unit #359

Devils Fork Gallup.

1595' FSL and 1850' FWL, Section 31, T25N, R6W  
Rio Arriba County, New Mexico / API 30-039-23878

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and test location rig anchors. 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.
2. Rods: Yes , No , Unknown .  
Tubing: Yes , No , Unknown , Size 2", Length 5344'.  
Packer: Yes , No , Unknown , Type                     .  
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.  
Round trip 4.5" gauge ring or casing scraper to 5690' and tag existing CR or as deep as possible.

**NOTE: BLM requires a CBL log to be run on all wells where the cement did not circulate to surface or where a T.S. or CBL log was not previously run. This procedure is prepared with the understanding that it may be modified if a CBL is required.**

3. **Plug #1 (Gallup and Mancos interval, 5690' – 5190')**: RIH and tag existing CIBP at 5690'. Pressure test tubing to 1000 PSI. Circulate well clean. Attempt to pressure test casing to 800 PSI. If casing does not test then spot or tag subsequent plugs as appropriate. Mix 42 sxs Class B cement inside casing to cover the Gallup/Mancos interval. PUH.
4. **Plug #2 (Mesaverde top, 4100' – 4000')**: Spot 12 sxs Class B and spot a balanced plug inside casing to cover the Mesaverde top. PUH.
5. **Plug #3 (Chacra top, 3396' – 3296')**: Perforate 3 squeeze holes at 3396'. Establish injection rate into squeeze holes if casing tested. Set 4.5" cement retainer at 3346'. Sting into CR and establish injection rate. Mix 51 sxs Class B cement squeeze 39 sxs outside casing and leave 12 sxs inside casing to cover the Chacra top. TOH and LD tubing.
6. **Plug #4 (Pictured Cliffs and Fruitland tops, <sup>2591 2291</sup>2461' – 2056')**: Spot 35 sxs Class B and spot a balanced plug inside casing to cover through the Fruitland top. PUH.
7. **Plug #5 (Kirtland and Ojo Alamo tops, <sup>2030 1797</sup>2031' – 1691')**: Spot 30 sxs Class B and spot a balanced plug inside casing to cover through the Ojo Alamo top. TOH.
8. **Plug #6 (Nacimiento top and 8-5/8" casing shoe, <sup>550</sup>437' - 0')**: Perforate 3 squeeze holes at 437'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 180 sxs Class B cement and pump down 4.5" casing to circulate good cement out bradenhead. Shut in well and WOC.

9. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

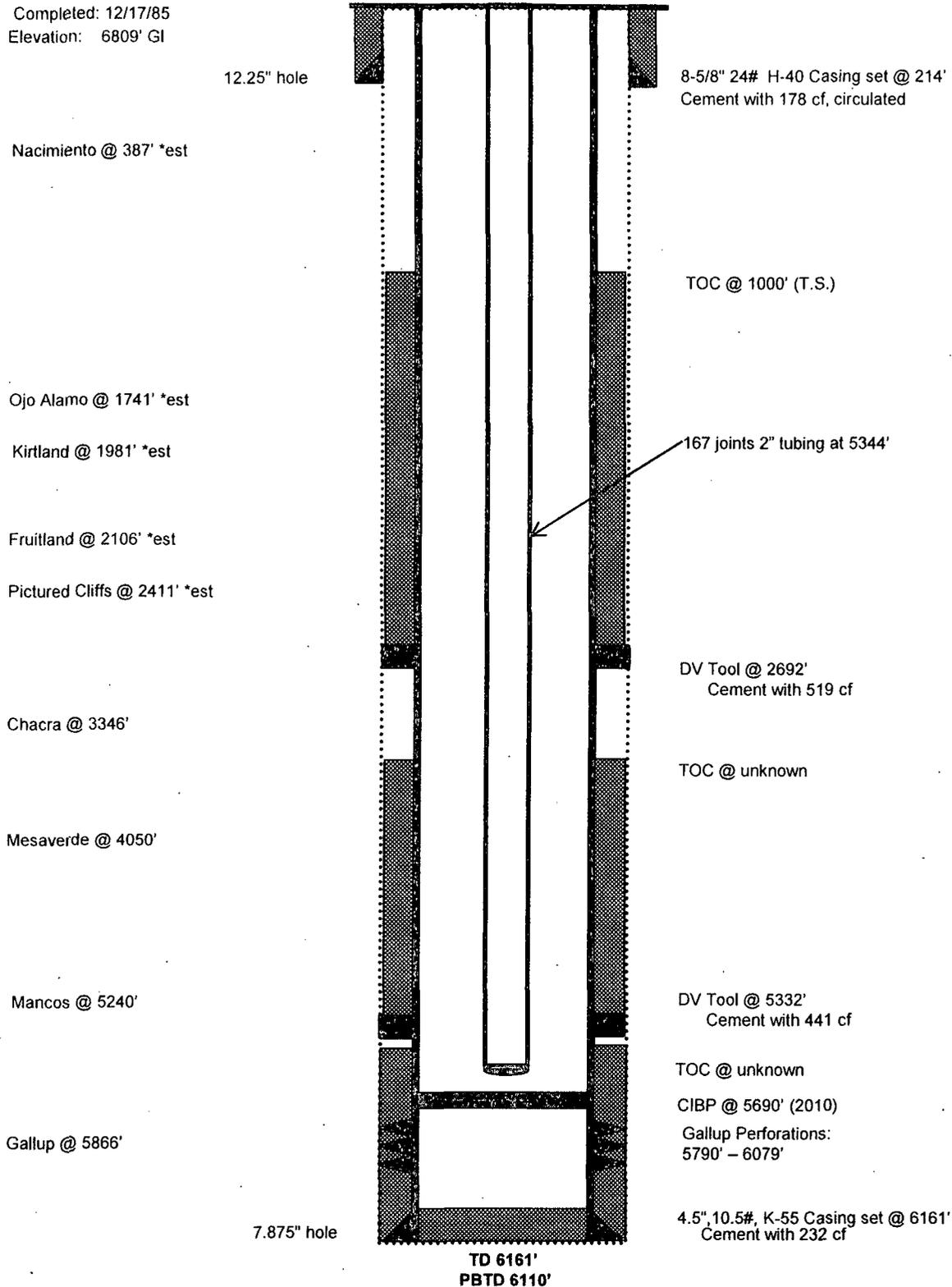
# Canyon Largo Unit #359

## Current

Devils Fork Gallup

1595' FSL, 1850' FWL, Section 31, T-25-N, R-6-W  
Rio Arriba County, NM, API #30-039-23878

Today's Date: 12/4/12  
Spud: 11/1/85  
Completed: 12/17/85  
Elevation: 6809' GI



# Canyon Largo Unit #359

## Proposed P&A

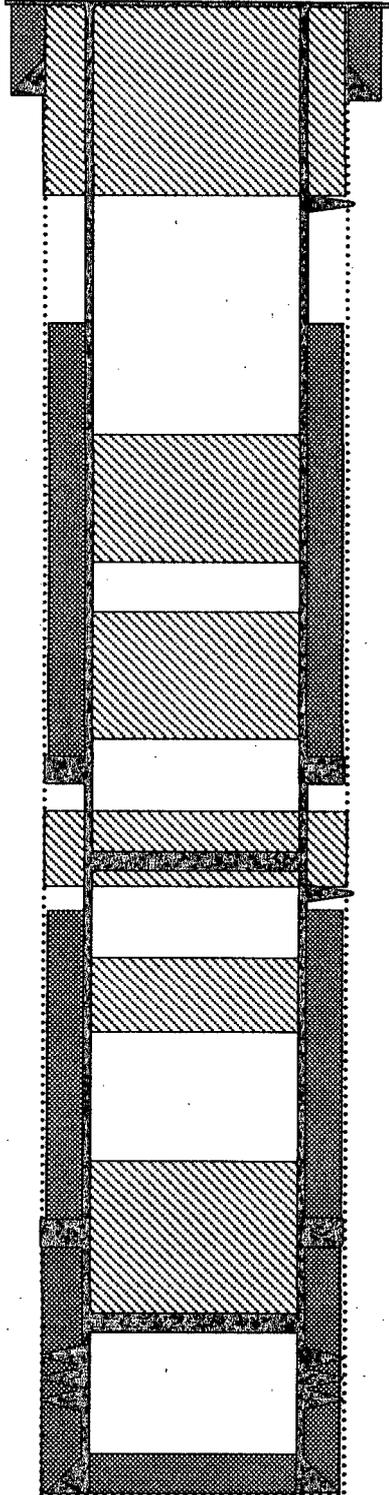
Devils Fork Gallup

1595' FSL, 1850' FWL, Section 31, T-25-N, R-6-W  
Rio Arriba County, NM, API #30-039-23878

Today's Date: 12/4/12  
Spud: 11/1/85  
Completed: 12/17/85  
Elevation: 6809' GI

$$\begin{aligned} 550 / 11.167 (1.18) &= 42 \text{ sxs} \\ 336 / 4.3699 (1.18) &= 65 \text{ sxs} \\ 214 / 4.046 (1.18) &= 45 \text{ sxs} \\ \hline &152 \text{ sxs} \end{aligned}$$

12.25" hole



8-5/8" 24# H-40 Casing set @ 214'  
Cement with 178 cf, circulated

Nacimiento @ 387' \*est  
500

<sup>550</sup>  
Perforate @ 437'

Plug #6: 437' - 0'  
Class B cement, 180 sxs

TOC @ 1000' (T.S.)

Ojo Alamo @ 1741' \*est  
1847

<sup>2080</sup> <sup>1797</sup>  
Plug #5: 2031' - 1694'  
Class B cement, 30 sxs

Kirtland @ 1981' \*est  
2030

$$2080 - 1797 + 50 / 11.167 (1.18) = 25 \text{ sxs}$$

Fruitland @ 2106' \*est  
2321

<sup>2591</sup> - 2271  
Plug #4: 2464' - 2056'  
Class B cement, 35 sxs

Pictured Cliffs @ 2441' \*est  
2541

$$2591 - 2271 + 50 / 11.167 (1.18) = 28 \text{ sxs}$$

Chacra @ 3346'  
50

DV Tool @ 2692'  
Cement with 519 cf

Set CR @ 3346'

Plug #3: 3396' - 3296'  
Class B cement, 51 sxs:  
39 outside and 12 inside

Perforate @ 3396'

$$200 / 4.3299 (1.18) = 39 \text{ sxs}$$

TOC unknown

Mesaverde @ 4050'

Plug #2: 4100' - 4000'  
Class B cement, 12 sxs

$$12 (11.167) (1.18) = 158'$$

Mancos @ 5240'

DV Tool @ 5332'  
Cement with 441 cf

TOC @ unknown

Plug #1: 5690' - 5190'  
Class B cement, 42 sxs

Gallup @ 5866'

CIBP @ 5690' (2010)

Gallup Perforations:  
5790' - 6079'

$$5690 - 5190 + 50 / 11.167 (1.18) = 42 \text{ sxs}$$

7.875" hole

4.5" 10.5# K-55 Casing set @ 6161'  
Cement with 232 cf

TD 6161'  
PBD 6110'

**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: 359 Canyon Largo Unit

**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) Place the Pictured Cliffs/Fruitland plug from 2591' – 2291'.
  - b) Place the Kirtland/Ojo Alamo plug from 2080' - 1797'.
  - c) Place the Nacimiento/Surface plug from 550' to surface inside and outside the 4 ½" casing.

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.