

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.*5. Lease Serial No  
NMSF078925

6. If Indian, Allottee or Tribe Name

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

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

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

## 8. Well Name and No.

CANYON LARGO UNIT 477

## 2. Name of Operator

HUNTINGTON ENERGY LLC

Contact: CATHERINE SMITH

E-Mail: csmith@huntingtonenergy.com

## 9. API Well No

30-039-29715-00-S2

## 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

## 10. Field and Pool, or Exploratory

BASIN DAKOTA

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 27 T24N R6W NENE 1060FNL 860FEL

## 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 recompleat 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.)

Attached is the plugging procedure with the wellbore diagrams for the above referenced well.  
Plugging will be done in the next 30-45 days.

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

14. I hereby certify that the foregoing is true and correct	
Electronic Submission #134846 verified by the BLM Well Information System For HUNTINGTON ENERGY LLC, sent to the Farmington Committed to AFMSS for processing by STEVE MASON on 04/12/2012 (12SXM0181SE)	
Name (Printed/Typed) CATHERINE SMITH	Title REGULATORY
Signature (Electronic Submission)	Date 04/05/2012

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

Approved By STEPHEN MASON	Title PETROLEUM ENGINEER	Date 04/12/2012
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 \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

NMOCD A

## PLUG AND ABANDONMENT PROCEDURE

April 4, 2012

### Canyon Largo Unit #477

Basin Mancos

1060' FNL and 860' FEL, Section 27, T24N, R6W  
Rio Arriba County, New Mexico / API 30-039-29715  
Lat: N 36.28791/ Lat: W -107.44930

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. This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. 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.
3. Rods: Yes ☐, No ☒, Unknown ☐.  
Tubing: Yes ☐, No ☒, Unknown ☐, Size , Length .  
Packer: Yes ☐, No ☒, Unknown ☐, Type .  
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
4. **Plug #1 (Gallup top and Mancos Perforations, 5490' – 5390')**: RIH and tag existing CIBP at 5490'. 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 12 sxs Class B cement inside casing to cover the Gallup top and Mancos perforations. PUH.
5. **Plug #2 (Mancos top, 4773' – 4673')**: Spot 12 sxs Class B and spot a balanced plug inside casing to cover the Mancos top. PUH.
6. **Plug #3 (Mesaverde top, 3866' – 3766')**: Spot 12 sxs Class B and spot a balanced plug inside casing to cover the Mesaverde top. PUH.
7. **Plug #4 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 2306' – 1887')**: Spot 36 sxs Class B and spot a balanced plug inside casing to cover through the Ojo Alamo top. PUH.
8. **Plug #5 (Nacimiento top and 8-5/8" casing shoe, 432' - 0')**: Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 40 sxs cement and spot a balanced plug from 432' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 432' and the annulus from the squeeze holes to surface. 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 #477

## Current

Basin Mancos

Today's Date: 4/4/12

Spud: 5/25/06

DK Comp: 7/05/06

Mancos Comp: 6/05/08

Elevation: 6830'KB

1060' FNL, 860' FEL, Section 27, T-24-N, R-6-W  
Rio Arriba County, NM, API #30-039-29715

12.25" hole

Nacimlento @ 382' \*est

Ojo Alamo @ 1682'

Kirtland @ 1937'

Fruitland @ 2018'

Pictured Cliffs @ 2256'

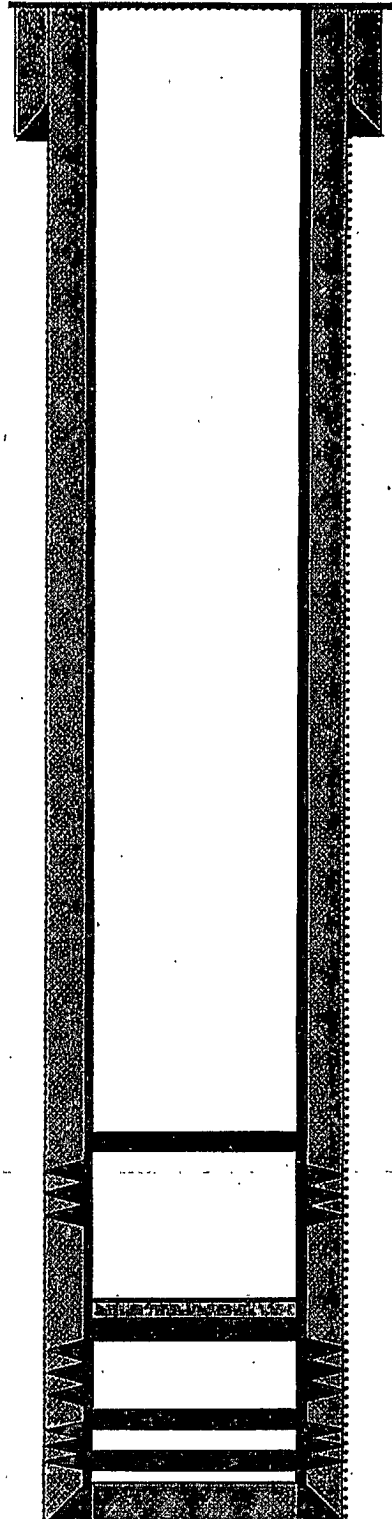
Mesaverde @ 3816'

Mancos @ 4723'

Gallup @ 5538'

Dakota @ 6566'

7.875" hole



TOC @ surface, circulated  
20 bbls

8-5/8" 24# ST&C Casing set @ 357'  
Cement with 265 sxs, circulated

CIBP @ 5490' (2010)

Mancos Perforations:  
5544' - 5770'

CBIP @ 6475' with 35' cmt (2008)

Dakota Perforations:  
6567' - 6750'

CR @ 6716'

CR @ 6900'

4.5", 11.6#, N-80 Casing set @ 7041'  
Cement with 1600 sxs (circ 20 bbls)

TD 7042'  
PBD 6440'

# Canyon Largo Unit #477

## Proposed P&A

Basin Mancos

1060' FNL, 860' FEL, Section 27, T-24-N, R-6-W  
Rio Arriba County, NM, API #30-039-29715

Today's Date: 4/4/12

Spud: 5/25/06

DK Comp: 7/05/06

Mancos Comp: 6/05/08

Elevation: 6830'KB

12.25" hole

Nacimiento @ 382' \*est  
3.9

Ojo Alamo @ 1682'  
17.9

Kirtland @ 1937'  
13.5

Fruitland @ 2018'  
9.6

Pictured Cliffs @ 2256'  
7.7

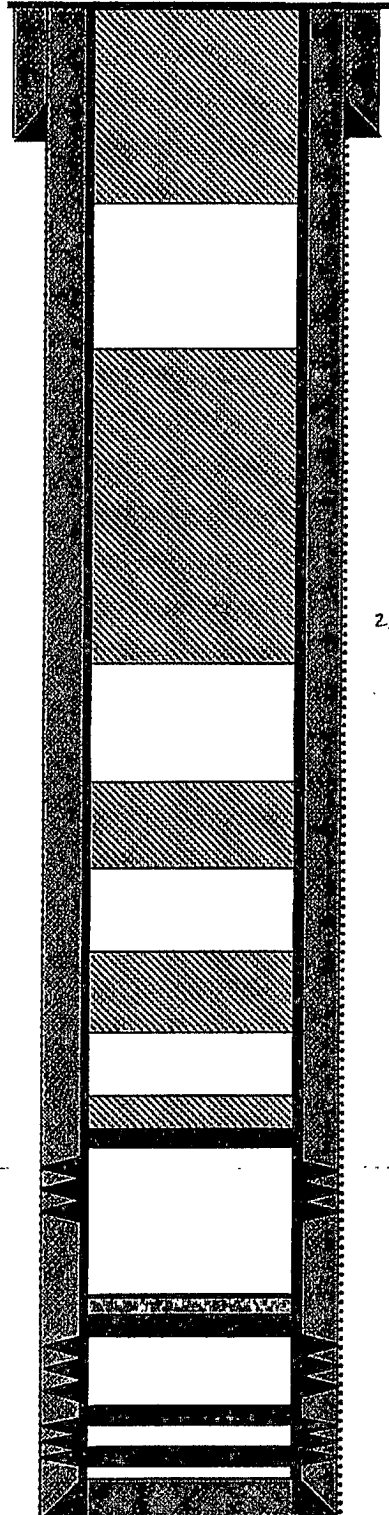
Mesaverde @ 3816'  
5

Mancos @ 4723'

Gallup @ 5538'  
4.3

Dakota @ 6566'

7.875" hole



TOC @ surface, circulated  
20 bbls

8-5/8" 24# ST&C Casing set @ 357'  
Cement with 265 sxs, circulated

Plug #5: 432' - 0'  
Class B cement, 40 sxs

$$432 / (11.459 / 1.18) = 52 \text{ sxs}$$

2327 1669  
Plug #4: 2306' - 1887'  
Class B cement, 36 sxs

$$2327 - 1669 + 50 / (11.459 / 1.18) = 52 \text{ sxs}$$

Plug #3: 3866' - 3766'  
Class B cement, 12 sxs

Plug #2: 4773' - 4673'  
Class B cement, 12 sxs

Plug #1: 5490' - 5390'  
Class B cement, 12 sxs

CIBP @ 5490' (2010)

Mancos Perforations:  
5544' - 5770'

$$12 (11.459) 1.18 = 162$$

CBIP @ 6475' with 35' cmt (2008)

Dakota Perforations:

6567' - 6750'

CR @ 6716'

CR @ 6900'

4.5" 11.6# N-80 Casing set @ 7041'  
Cement with 1600 sxs (circ 20 bbls)

TD 7042'  
PBTD 6440'

**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: 477 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/Kirtland/Ojo Alamo plug from 2327' – 1669'.

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.