Form 3160-5
(August 2007)

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
NMSF078881

6 If Indian, Allottee or Tribe Name

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 482

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

9 API Well No
30-039-31042-00-X1

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 3 T25N R7W SESE 950FSL 1140FEL
37.320280 N Lat, 108.640280 W Lon

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			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Change to Original APD
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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)

Huntington Energy, L.L.C. proposes to change the casing size on the above referenced well. The changes are on the attached Revised Operations Plan.

RECEIVED
OCT 2011
OIL CONS. DIV. DIST. 3

14 I hereby certify that the foregoing is true and correct

Electronic Submission #119138 verified by the BLM Well Information System
For HUNTINGTON ENERGY LLC, sent to the Farmington
Committed to AFMSS for processing by STEVE MASON on 10/06/2011 (12SXM0003SE)

Name *(Printed/Typed)* CATHERINE SMITH — Title REGULATORY

Signature (Electronic Submission) — Date 10/04/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By STEPHEN MASON — Title PETROLEUM ENGINEER — Date 10/06/2011

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

OPERATIONS PLAN

**Revised 10/4/11

Well Name: **Canyon Largo Unit #482**
Location: 950' FSL, 1140' FEL, NWSESE Sec 3, T-25-N, R-7-W NMPM
Rio Arriba County, NM
Formation: Basin Dakota
Elevation: 6806' GL

Formation Tops:	Top
Surface	San Jose
Ojo Alamo	2050'
Kirkland	2211'
Fruitland	2431'
Pictured Cliffs	2718'
Lewis Shale	2799'
Huerfanito	3108'
Cliff House	4280'
Menefee	4361'
Point Lookout	4997'
Mancos	5226'
Gallup (Niobrara)	6167'
Greenhorn	6952'
Graneros	7016'
Dakota	7058'
Morrison	7333'
TD	7450'

Logging Program:
Open hole – Platform Express
Cased Hole –CBL/GR – TD to 6000'
Cores & DST's – none
Mud log – 3400' to TD

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0 – 320'	Spud	8.4-8.9	40-50	no control
320 – 7450'	LSND	8.4-9.0	40-60	8-12

Pit levels will be visually monitored to detect gain or loss of fluid control.

Casing Program:

Hole Size	Depth Interval	Csg. Size	Wt.	Grade
12 ¼"	0' – 320'	9 5/8"	36.0#	J-55
8 ¾"	0' – 7450'	7"	26.0#	N-80

Tubing Program:

	0' – 7450'	2 3/8"	4.7#	J-55

BOP Specifications, Wellhead and Tests:
Surface to TD –
11" 3000 psi minimum double gate BOP stack (Reference Figure #1). After nipple-up prior to drilling out surface casing, BOP and casing will be tested to 600 psi for 30 minutes.

2" nominal, 3000 psi minimum choke manifold (Reference Figure #3).

Completion Operations:

6" 3000 psi double gate BOP stack (Reference Figure #1). After nipple-up prior to completion, pipe rams and casing top will be tested to 3000 psi for 15 minutes.

Surface to Total Depth:

2" nominal, 3000 psi minimum choke manifold (Reference Figure #2).

Wellhead:

9 ⅝" x 7" x 2 ⅜" 3000 psi tree assembly.

General:

- Pipe rams will be actuated once each day and blind rams will be actuated once each trip to test proper functioning.
- An upper Kelly cock valve with handle available and drill string valves to fit each drill string will be available on the rig floors at all times.
- A BOP pit level drill will be conducted weekly for each drilling crew.
- All of the BOP tests and drills will be recorded in the daily drilling reports.
- Blind and pipe rams will be equipped with extension hand wheels.

Cementing:

9 5/8" surface casing –

Cement to surface w/190 sx Class "G" cement w/2% calcium chloride and ¼#/sx cellophane flakes (222 cu. ft. of slurry, 100% excess to circulate to surface).
WOC 8 hr. prior to drilling out surface casing. Test casing to 600 psi for 30 minutes.

Saw tooth guide shoe on bottom. Bowspring centralizers will be run in accordance with Onshore Order #2.

Production Casing – 7"

Lead with 580 sx Halco Light, 6% gel, ¼# Flocele, 10# Gilsonite, 3/10% Halad 9, 1/10% HR5 (1131 cu ft). Tail w/390 sx 50/50 Standard Poz w/35 Gel, 9/10% Halad9, 2/10% CFR 3, 5# Gilsonite, ¼# Flocele (569 cu ft).

Alternate Two-stage cement job as follows:

First Stage: Cement to circulate to stage tool @ 5066'. Lead with 700 sx Class "G" 50/50 poz (13#, 1.47 yd) w/3% gel, 0.25 pps Celloflake, 5 pps Gilsonite, 0.25 pps Fluid loss, 0.15% dispersant, 0.1% retarder. WOC 4 hours prior to pumping second stage. (Slurry volume: 1029 cu. ft. Excess slurry: 50%). DV Tool at 5000 ft.

Second Stage: Cement to circulate to surface. Cement with 700 sx Class "G" (12#, 2.9yd) TXI Liteweight cement w/2.5% sodium metasilicate, 2% calcium chloride, 10 pps Gilsonite, 0.5 pps Celloflake, 0.2% antifoam. WOC a minimum of 18 hours prior to cleanout. (Slurry volume: 2030 cu. ft. Excess slurry: 50%). Tail w/50 sx Class "B" w/1/4# Flocele (15.6#, 1.18 yd), (Slurry 59 cu. ft., Excess 50%).

Float shoe on bottom. Three centralizers run every other joint above shoe. Twenty centralizers - one every 4th joint to the top of the Cliff House @ 3500'.

Note: If open hole logs are run, cement volumes will be based on 25% excess over caliper volumes.

Additional Information:

The Dakota formations will be completed.

- No abnormal temperatures or hazards are anticipated.
- Sufficient LCM will be added to the mud system to maintain well control, if lost circulation is encountered below the top of the Pictured Cliffs.
- The east half of the Section 3 is dedicated to this well.
- This gas is dedicated.
- Anticipated pore pressure

Fruitland Coal	300 psi
Pictured Cliffs	500 psi
Mesa Verde	700 psi
Dakota	3000 psi