

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 checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMSF079071B
2. Name of Operator HUNTINGTON ENERGY LLC		6. If Indian, Allottee or Tribe Name
3a. Address 908 NW 71ST ST OKLAHOMA CITY, OK 73116		7. If Unit or CA/Agreement, Name and/or No. 891001059C
3b. Phone No. (include area code) Ph: 405-840-9876 Ext: 129 Fx: 405-840-2011		8. Well Name and No. CANYON LARGO UNIT 315
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 28 T25N R6W SENW 1770FNL 1740FWL 36.373260 N Lat, 107.475080 W Lon		9. API Well No. 30-039-23011-00-S1
		10. Field and Pool, or Exploratory DEVIL'S FORK
		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.)

Huntington Energy, L.L.C. respectfully requests approval to plug and abandon the above referenced well. The procedure to plug and abandon the well is attached along with the current and proposed P&A wellbore.

* Extend Manu plug to 5245 ft. *

RCVD JAN 9 '13
OIL CONS. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #167957 verified by the BLM Well Information System For HUNTINGTON ENERGY LLC, sent to the Farmington Committed to AFMSS for processing by STEVE MASON on 01/07/2013 (13SXM0379SE)	
Name (Printed/Typed) CATHERINE SMITH	Title REGULATORY
Signature (Electronic Submission)	Date 12/20/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By STEPHEN MASON	Title PETROLEUM ENGINEER	Date 01/07/2013
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 ****

NMOCDAV

PLUG AND ABANDONMENT PROCEDURE

December 20, 2012

Canyon Largo Unit #315

Devils Fork Gallup
1770' FNL and 1740' FWL, Section 28, T25N, R6W
Rio Arriba County, New Mexico / API 30-039-23011

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 2-3/8", Length 5760'
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 5950' 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 based on the TOC from the CBL.

4. **Plug #1 (Gallup interval, 5950' – 5850'):** RIH and tag existing CIBP at 5950'. 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 interval. PUH.
5. **Plug #2 (Mancos top, 5130' – 5030'):** *5100-5200 PEN Steve Man 1/24/12*
Spot 12 sxs Class B and spot a balanced plug inside casing to cover the Mancos top. PUH
6. **Plug #3 (Mesaverde top, 4211' – 4111'):** Spot 12 sxs Class B and spot a balanced plug inside casing to cover the Mesaverde top. PUH.
7. **Plug #4 (Chacra top, 3494' – 3394'):** Spot 12 sxs Class B and spot a balanced plug inside casing to cover the Chacra top. PUH.

8. **Plug #5 (Pictured Cliffs and Fruitland tops, 2637' – 2287')**: Spot 31 sxs Class B and spot a balanced plug inside casing to cover through the Fruitland top. PUH.
2288 1912
9. **Plug #6 (Kirtland and Ojo Alamo tops, 2185' - 2022')**: Spot ~~17~~ sxs Class B and spot a balanced plug inside casing to cover through the Ojo Alamo top. PUH.
562 462
10. **Plug #7 (Nacimiento top, 822' - 722')**: Spot 12 sxs Class B and spot a balanced plug inside casing to cover through the Nacimiento top. PUH.
11. Note: if perforations are necessary below surface casing shoe, a 30 minute minimum wait is required to determine if gas and/or water flows are present. If flow is present, the well will be shut in for a minimum one hour and the pressure recorded. Short term or long term venting may be necessary to evacuate trapped gas. If only a water flow occurs with no associated gas, shut well in and record pressures. Contact the engineer as it may be necessary to change the cement weight and additives. If no gas or water flow, then proceed to Plug #8.
12. **Plug #8 (8-5/8" casing shoe, 267' - 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 25 sxs cement and spot a balanced plug from 267' 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 267' and the annulus from the squeeze holes to surface. Shut in well and WOC.
13. 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 #315

Current

Devils Fork-Gallup

1770' FNL, 1740' FWL, Section 28, T-25-N, R-6-W
Rio Arriba County, NM, API #30-039-23011

Today's Date: 12/18/12

Spud: 10/25/82

Completed: 12/9/82

Elevation: 6437' GL
6407' KB

12.25" hole

TOC @ circulated, Calc 75%)

8-5/8" 20# Casing set @ 217'
Cement with 170 sxs, circulated

Nacimiento @ 772' *est

Ojo Alamo @ 2072'

Kirtland @ 2135'

Fruitland @ 2337'

Pictured Cliffs @ 2587'

Chacra @ 3444'

Mesaverde @ 4161'

Mancos @ 5080'

2-3/8" tubing at 5760' *approx.

Gallup @ 5970'

DV Tool @ 5257'
Cement with 900 sxs (1770 cf)

TOC at 5531' (Calc, 75%)

CIBP @ 5950' (2010)

Gallup Perforations:
6013' - 6136'

7.875" hole

4.5", 11.6# Casing set @ 6437'
Cement with 225 sxs (275 cf)

TD 6437'
PBD 6407'

Canyon Largo Unit #315

Proposed P&A

Devils Fork Gallup

Today's Date: 12/18/12

Spud: 10/25/82

Completed: 12/9/82

Elevation: 6437' GL
6407' KB

1770' FNL, 1740' FWL, Section 28, T-25-N, R-6-W
Rio Arriba County, NM, API #30-039-23011

12.25" hole

Nacimiento @ 272' *est
512

Ojo Alamo @ 2072'
1962

Kirtland @ 2135'
78

Fruitland @ 2337'
60

Pictured Cliffs @ 2587'
72

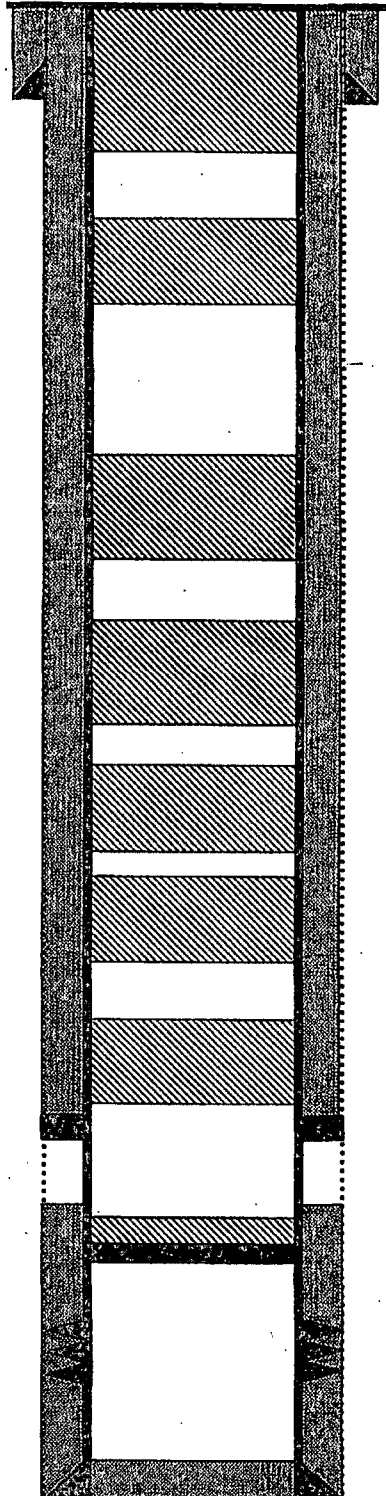
Chacra @ 3444'
4

Mesaverde @ 4161'
2

Mancos @ 5080'
5153

Gallup @ 5970'
68

7.875" hole



TD 6437'
PBTD 6407'

TOC circulated, (Calc 75%) Plug #8: 267' - 0'
Class B cement, 90 sxs

8-5/8" 20# Casing set @ 217'
Cement with 170 sxs, circulated

562 462
Plug #7: 822' - 722'
Class B cement, 12 sxs

TS shows TOC ≈ 1000'

2228 1912
Plug #6: 2485' - 2022'
Class B cement, 17 sxs

$2228 - 1912 = 316$
 $316 \div 11.459 (1.18) = 27$ sxs

Plug #5: 2637' - 2287'
Class B cement, 31 sxs

Plug #4: 3494' - 3394'
Class B cement, 12 sxs

Plug #3: 4211' - 4111'
Class B cement, 12 sxs

Hole in casing at 4200'; sqz'd
with 50 sxs cement (1983)

Plug #2: 5130' - 5030'
Class B cement, 12 sxs

DV Tool @ 5257'
Cement with 900 sxs (1770 cf)

TOC at 5531' (Calc, 75%)

CIBP @ 5950' (2010)

Plug #1: 5950' - 5850'
Class B cement, 12 sxs

$12 (11.959) \times 118 = 162$

Gallup Perforations:
6013' - 6136'

4.5", 11.6# Casing set @ 6437'
Cement with 225 sxs (275 cf)

**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: 315 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 Kirtland/Ojo Alamo plug from 2228' – 1912'.
 - b) Place the Nacimiento plug from 562' - 462' inside and outside the 4 ½" casing*.

Note: *Temperature Survey shows top of cement @ 1000'

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.