

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

RECEIVED

DEC 24 2009

**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.  
NMSF 078882

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE** - Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Huntington Energy, L.L.C.

3a. Address  
908 N.W. 71st St.  
Oklahoma City, OK 73116

3b. Phone No. (include area code)  
(405) 840-9876

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

8. Well Name and No.  
Canyon Largo Unit #490

9. API Well No.  
30-039-30056

10. Field and Pool or Exploratory Area  
Basin Dakota

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
NWNW Lot 1, Sec 19-25N-6W  
1140' FNL & 1070' FWL

11. Country or Parish, State  
Rio Arriba County, NM

12. CHECK THE 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 checked="" type="checkbox"/> Recomplete     | <input type="checkbox"/> Other _____    |
|  | <input type="checkbox"/> Change Plans         | <input 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 recompleate 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must 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 recompleate the above referenced well from the Basin Dakota to the Devil's Fork Gallup Formation. Well survey, procedure/operations, wellbore diagrams, surface use plan and map are all attached for approval.

**CONDITIONS OF APPROVAL**  
Adhere to previously issued stipulations.

RCVD JAN 5 '10  
OIL CONS. DIV.  
DIST. 3

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
Catherine Smith

Title Land Associate

Signature

*Catherine Smith*

Date 12/21/2009

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

Approved by

*[Signature]*

Title

*Ref. Eng.*

Date

*12/31/09*

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

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.

(Instructions on page 2)

NMOC

DISTRICT I  
P.O. Box 1980, Hobbs, N.M. 88241-1980

DISTRICT II  
1301 W. Grand Avenue, Artesia, N.M. 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV  
1220 South St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.  
Santa Fe, NM 87504-2088

Form C-102

Revised October 12, 2005

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|   |  |   |
|---|--|---|
| <sup>1</sup> API Number<br>30-039-30056 | <sup>2</sup> Pool Code<br>17610                      | <sup>3</sup> Pool Name<br>Devil's Fork Gallup |
| <sup>4</sup> Property Code<br>32660     | <sup>5</sup> Property Name<br>CANYON LARGO UNIT      | <sup>6</sup> Well Number<br>490               |
| <sup>7</sup> GRID No.<br>208706         | <sup>8</sup> Operator Name<br>HUNTINGTON ENERGY, LLC | <sup>9</sup> Elevation<br>6872'               |

<sup>10</sup> Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County     |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|------------|
| D             | 19      | 25-N     | 6-W   | 1       | 1140'         | NORTH            | 1070'         | WEST           | RIO ARriba |

<sup>11</sup> Bottom Hole Location If Different From Surface

| UL or lot no.                          | Section | Township | Range | Lot Idn | Feet from the                 | North/South line | Feet from the                    | East/West line | County                  |
|--|---------|----------|-------|---------|-------------------------------|------------------|----------------------------------|----------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>W-320 |         |          |       |         | <sup>13</sup> Joint or Infill |                  | <sup>14</sup> Consolidation Code |                | <sup>15</sup> Order No. |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

|   |  |                                |
|---|--|--------------------------------|
| 16<br>FD 3 1/4"<br>B.L.M. BC<br>1965<br>LOT 1<br>1140'<br>1070' | N 89-22-29 E<br>2655.90' (M)<br>LAT: 36.38910° N. (NAD 83)<br>LONG: 107.51357° W. (NAD 83) | FD 3 1/4"<br>B.L.M. BC<br>1965 |
| S 00-19-48 E<br>2599.20' (M)<br>LOT 2                           |  |                                |
| FD 3 1/4"<br>B.L.M. BC<br>1965<br>LOT 3                         | 19   |                                |
| LOT 4   |  |                                |

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Catherine Smith 12/21/09  
Signature Date  
Catherine Smith  
Printed Name

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

MARCH 6, 2006  
Date of Survey  
Signature of Professional Surveyor  
JOHN A. VUKONICH  
NEW MEXICO  
REGISTERED PROFESSIONAL SURVEYOR  
14831  
Certificate Number

# Huntington Energy, L.L.C.

908 N.W. 71 ST.  
Oklahoma City, OK 73116  
(405) 840-9876 & Fax # (405) 840-2011

## Canyon Largo Unit 490

Sec 19-25N-6W  
Rio Arriba County, NM  
API #30-039-30056

TD @ 7453',  
PBTD @ 7431'

Current perfs: Dakota @ 7029'-7052'; 7135'-7150'  
CIBP set @ 7155 ft.

Production Csg: 4½" 11.6# N-80 set @ 7453'. (max psi - 6000 psi)  
Tubing: 2 ⅜" 4.7# J-55 @ 7020'

Proposed Perfs: Gallup  
Stage 1: 6476-6502', 6510-6537', 6610-6618', 6736-6740'; 2 spf, 130 Holes, 65'.  
Stage 2: 6131-33', 6143-46', 6152-64', 6168-72', 6178-84', 6190-93', 6202-13',  
6217-28', 6241-47', 6314-19', 6336-39', 6374-78'; 2 spf, 140 holes, 70'.

### Procedure:

1. MIRU WOR. ND wellhead. NU BOP. Set flowback tank.
2. POOH with 2 ⅜" tubing. Please note condition of all. Install frac valve.
3. RIH with CBP and set at 6990'. Load hole with 2% KCL and test to 3000 psi.  
  
Perf Gallup using 3½" HSC csg gun firing premium charges, 2 spf, as follows:  
6736-6740', 6610-6618', 6510-6537', 6476-6502', 2 SPF, 130 Holes, 65 ft.  
(Basin Wireline)
4. RU Frac Company and frac as follows: 40,000 gals 20# foam frac carrying 100,000 lbs 20/40 white sand and 8,000 lbs 20/40 curable resin sand pumped at 40 bpm at max 5600 psi.
5. Flush with 20# gel to top perf. Obtain ISIP. Rig up Basin Wireline, RIH and set composite 4 ½" flow thru plug @ 6270'.
6. Perforate the Second stage firing premium charges, 2 spf, as follows:  
6131-33', 6143-46', 6152-64', 6168-72', 6178-84', 6190-93', 6202-13', 6217-28', 6241-47', 6314-319', 6336-39', 6374-78', 2 spf, 140 holes, 70 ft.

7. RU frac Company and frac as follows: 50,000 gals 20# foam frac carrying 100,000 lbs 20/40 white sand and 18,000 lbs 20/40 curable resin sand pumped at 40 bpm at max 5600 psi.
8. Shut in frac for 2hrs. Begin flowback adjusting chokes to maximize fluid recovery. Report results.
9. MIRU WOR and RIH with Bit. Drill plugs as per orders. COOH w bit, RIH with MA, perf, SN, tubing. Set anchor. RIH w/ DHP, rods, etc, . Pressure tbg. Start unit. RD & rel WOR & all equip. Return to Production.

Note : CIBPs @  $\pm 7164'$  &  $7155'$   
will not be drilled out.

# Canyon Largo Unit #490

*CURRENT*

Rio Arriba County, New Mexico

NWNW Sec 19 - 25N - 6W

1140' FNL 1070' FWL

Today's Date: 12/2/09

Spud: 11/29/07

Completed: 2/01/08

DOFS: 3/4/08

API: 30-039-30056

Set plug 11/23/09

GL: 6872'

## Surf Csg:

8<sup>5</sup>/<sub>8</sub>" J-55 24# set @ 315' KB; 265 sx Cls G

TOC @ surface

Dakota Frac: 7029' - 7252'

43,014 gal (BH clean vol) 122,153 gal

70Q foamed gel containing 149,414#

20/40 sand & 2,754,324 SCF N<sub>2</sub>

Dakota Perfs:

7029'-7052'

7135' - 7150'

Lwr Cubero Perfs:

7162' - 7170'

Oak Canyon Perfs:

7208' - 7212'

Encinal Perfs:

7235' - 7240'

7246' - 7257'

Tubing: 2 3/8" 4.7# J-55; 223 jts set @ 7021'

SN @ 7020'

W/L set CIBP @ 7155'

CIBP @ 7164'

## Prod Csg:

4 1/2" J-55 11.6# N-80 csg set @ 7453'

Lead w/925 sx; tail w/475 sx

TD: 7453'

# Canyon Largo Unit #490

*Proposed Recomplete to Gallup*

Rio Arriba County, New Mexico

NWNW Sec 19 - 25N - 6W

1140' FNL 1070' FWL

Today's Date: 12/21/09

Spud: 11/29/07

Completed: 2/01/08

DOFS: 3/4/08

API: 30-039-30056

GL: 6872'

## Surf Csg:

8<sup>5</sup>/<sub>8</sub>" J-55 24# set @ 315' KB; 265 sx Cls G

TOC @ surface

## Proposed Gallup Perfs Stage 2:

6131-33, 6143-46, 6152-64, 6168-72,  
6178-84, 6190-93, 6202-13, 6217-28,  
6241-47, 6314-19, 6336-39, 6374-78;  
2 spf, 140 holes, 70'

## Proposed Gallup Perfs Stage 1:

6476-6502, 6510-6537, 6610-6618,  
6736-6740; 2 spf, 130 holes, 65'

## Comp Bridge Plug @ 6990'

### Dakota Perfs:

7029'-7052'

7135' - 7150'

### Lwr Cubero Perfs:

7162' - 7170'

### Oak Canyon Perfs:

7208' - 7212'

### Encinal Perfs:

7235' - 7240'

7246' - 7257'

Composite 4 1/2" Flow thru plug @ 6270'

Dakota Frac: 7029' - 7252'

43,014 gal (BH clean vol) 122,153 gal

70Q foamed gel containing 149,414#

20/40 sand & 2,754,324 SCF N<sub>2</sub>

Tubing: 2 3/8" 4.7# J-55; 223 jts EOT @ 7134'

W/L set CIBP @ 7155'

CIBP @ 7164'

## Prod Csg:

4 1/2" J-55 11.6# N-80 csg set @ 7453'

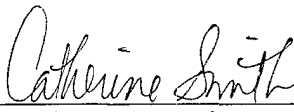
Lead w/925 sx; tail w/475 sx

TD: 7453'

*Huntington Energy, L.L.C.*  
Canyon Largo Unit #490  
Multi-Point Surface Use Plan

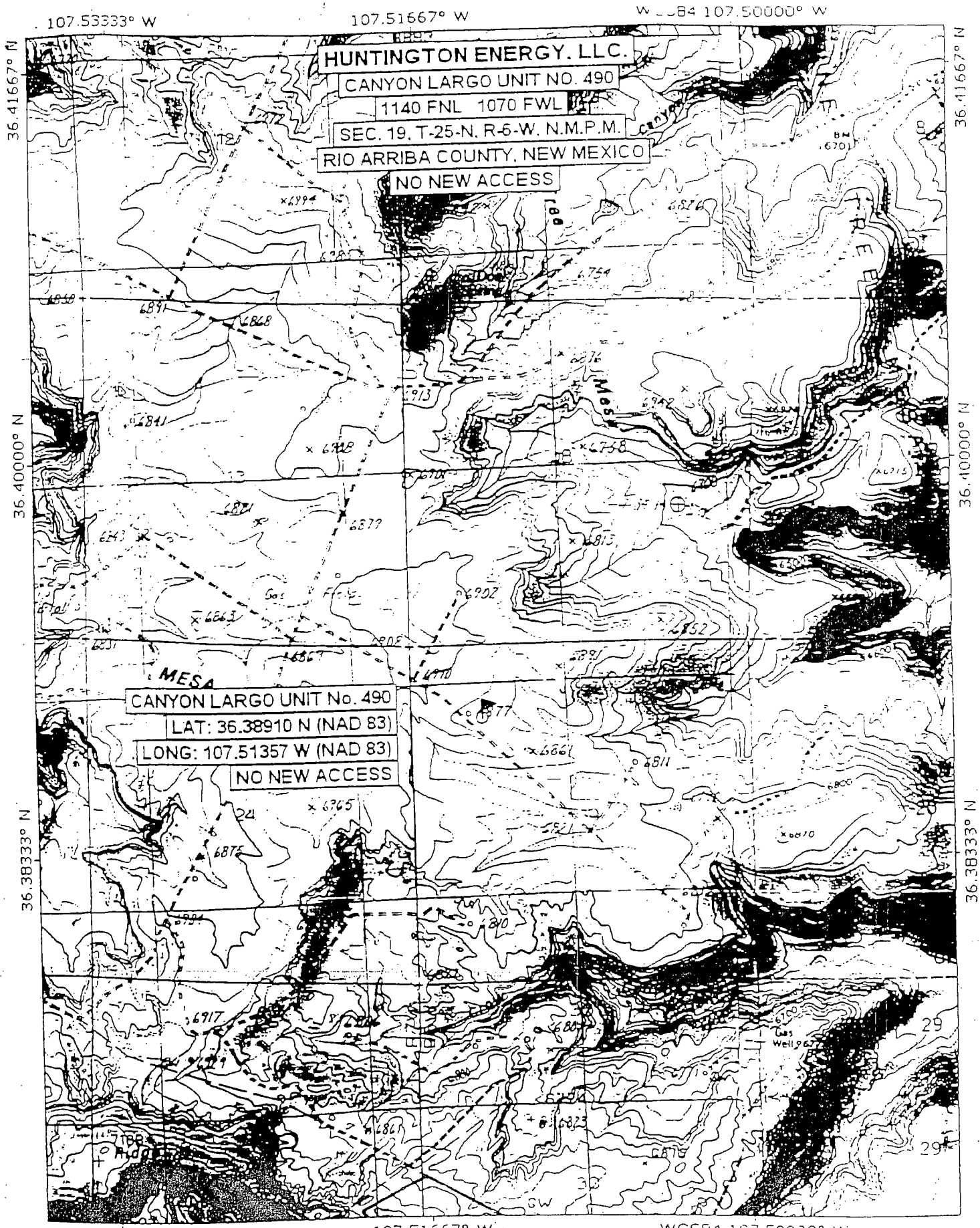
1. Existing Roads – Refer to Map No. 1. Existing roads used to access the proposed Location will be properly maintained for the duration of the project. Bureau of Land Management right-of-way has been applied for as shown on Map No. 1.
2. Planned access Road – Refer to Map No. 1. No new access road will be needed.
3. Location of Existing Wells – Refer to Map No. 1.
4. Location of Existing and/or Proposed Facilities if Well is Productive -
  - a. On the Well Pad – Refer to Plat No. 1, anticipated production facilities plat.
  - b. Off the Well Pad – Anticipated pipeline facilities as shown on the attached plat from El Paso Field Services.
5. Location and Type of Water Supply – Water will be hauled by truck for the proposed project and will be obtained from Gonzales Mesa Water Well #1 located SE Section 3, T-25N, R-6-W, New Mexico.
6. Source of Construction Materials – If construction materials are required for the proposed project, such materials will be obtained from a commercial quarry.
7. Methods of Handling Waste Materials – All garbage and trash materials will be removed from the site for proper disposal. A portable toilet will be provided for human waste and serviced in a proper manner. Waste minimization techniques will be used to reduce drilling waste volumes. If liquids are left in the reserve pit after completion of the project, the pit will be fenced until the liquids have had adequate time to dry. The location clean-up will not take place until such time as the reserve pit can be properly covered over to prevent run-off from carrying waste materials into the watershed. Reserve pits will be lined as needed with either 12 mil bio-degradable plastic liner or a Bentonite liner. All earthen pits will be so constructed as to prevent leakage from occurring; no earthen pit will be located on natural drainage. Generation of hazardous waste is not anticipated. Federal regulations will be adhered to regarding handling and disposal of such waste if so generated.
8. Ancillary Facilities – None anticipated.
9. Wellsite Layout – Refer to the location diagram and to the wellsite cut and fill diagram (Figure No. 4). The blow pit will be constructed with a 2<sup>3</sup>/160' grade to allow positive drainage to the reserve pit and prevent standing liquids in the blow pit.
10. Plans for Restoration of the Surface – After completion of the proposed project, the location will be cleaned and leveled. The location will be left in such a condition that will enable reseeded operations to be carried out. Seed mixture as designated by the responsible government agency will be used. The reseeded operations will be performed during the time period set forth by the responsible government agency. The permanent location facilities will be painted as designated by the responsible government agency.

11. Surface Ownership – Bureau of Land Management
12. Other Information – Environmental stipulations as outlined by the responsible government agency will be adhered to. Refer to the archaeological report for a description of the topography, flora, fauna, soil characteristics, dwellings, historical and cultural sites.
13. General Manager Compliance – Huntington Energy, L.L.C., 6301 Waterford Boulevard, Suite 400, Oklahoma City, OK 73118, telephone (405) 840-9876. I hereby certify that I or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan, are to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Huntington Energy, L.L.C. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.
14. Build Division ditches above cut slope between corners #3 and #5 draining east.
15. Build Division ditches above cut slope between corners #2 and #3 draining south.

  
\_\_\_\_\_  
Regulatory Supervisor

12/21/09  
Date





HUNTINGTON ENERGY, LLC.

CANYON LARGO UNIT NO. 490

1140 FNL 1070 FWL

SEC. 19, T-25-N, R-6-W, N.M.P.M.

RIO ARriba COUNTY, NEW MEXICO

NO NEW ACCESS

CANYON LARGO UNIT No. 490

LAT: 36.38910 N (NAD 83)

LONG: 107.51357 W (NAD 83)

NO NEW ACCESS

MESA

Gas Well 967

