

Form 3160-5  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MAY 8 2013

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.  
I22IND2772

6. If Indian, Allottee or Tribe Name  
UTE MOUNTAIN UTE

**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.  
BARKER DOME 20

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

9. API Well No.  
30-045-11351-00-S1

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  
BARKER DOME

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 21 T32N R14W SWNE 1650FNL 2310FEL

11. County or Parish, and State  
SAN JUAN COUNTY, NM

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

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

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.)

The above referenced well was deepened. The summary of work performed on the well is attached along with the updated wellbore diagram. A copy of the logs run will be sent to the BLM & NMOCD. The well is currently waiting on pipeline connection.

**ACCEPTED FOR RECORD**  
By: *DWR* 5/30/13  
San Juan Resource Area  
Bureau of Land Management

RCVD JUN 4 '13  
OIL CONS. DIV.  
DIST. 3

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

Electronic Submission #206831 verified by the BLM Well Information System

For HUNTINGTON ENERGY LLC, sent to the Durango

Committed to AFMSS for processing by BARBARA TELECKY on 05/09/2013 (13BJK2124SE)

Name (Printed/Typed) CATHERINE SMITH

Title REGULATORY

Signature (Electronic Submission)

Date 05/08/2013

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

Approved By \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

*Handwritten mark*

## Huntington Energy, L.L.C.

908 NW 71<sup>st</sup> Street  
Oklahoma City, Oklahoma 73116  
(405) 840-9876

### **Barker Dome #20**

1650' FSL & 2310' FWL  
Sec. 21-32N-14W  
San Juan, NM  
API #30-045-11351

### **Deepening: Attachment to Sundry**

**2/22/13:** MIRU. CSG 0 PSI. TBG 175 PSI. BLEED DOWN WELL. LOCK DOWN IN TBG HANGER BROKE. ND TBG HANGER UNSET PACKER. STRIP ON CSG SPOOL AND FLANGES, BOPS. TOO H W/ LEFT HANDED THREADED X0. SWIFW.

**2/25/13:** CSG 0 PSI. START IN HOLE W/ TBG. TIH TAG TOP OF FISH. SCREW INTO FISH. PULL UP TO 20K PACKER MOVING UP HOLE TOO H SLOW 73 JTS, PACKER, 3 JTS, 8' PERF SUB. PICK UP BRIDGE PLUG AND RUN IN HOLE AND SET @ 2313'. LAY DOWN 1 JT. SDFN.

**2/26/13:** CSG AND TBG 0 PSI. CIRC 2% KCL WATER. TEST CSG TO 500 PSI FOR 30 MINS. HELD. LAY DOWN 2 3/8" TBG TOTAL OF 74 JTS. RIG UP BASIN WIRELINE AND LOG WELL. RIG DOWN BASIN. ND BOP. NU TBG HEAD. RIG DOWN.

**4/5/13:** MOVE IN AND RIG UP. NIPPLE UP BOP. SDFWE.

**4/8/13:** NO PRESSURE ON WELL. STRAP AND PICK UP ON/OFF TOOL PICK UP 6 DCS & 66 JTS OF 2 7/8" PH-6 DP. LATCH ON TO RBP AND PULL OUT OF HOLE. SHUT DOWN FOR WIND. SWIFN.

**4/9/13:** CSG ON VAC. TIH W/ TRI CONE BIT. TAG @ 2280'. PICK UP AND RIG UP 3.5 POWER SWIVEL. CLEAN OUT FROM 2280-2400' (120'). DRLG 4 3/4" HOLE F/ 2400-2458'. CIRC HOLE CLEAN. SET BACK SWIVEL. PULL UP TO CSG. SDFN.

**4/10/13:** CSG AND DP 0 PSI. CIRC HOLE, TOO H MAKE UP 4 3/4" PDC BIT, TIH TAG 8' OF FILL. SWIVEL UP. DRLG F/ 2458-2642'. WORK ON PUMP. SET BACK SWIVEL. PULL UP INTO CSG 7 JTS. RIG DOWN PUMP AND CHANGE OUT. SDFN.

**4/11/13:** CSG AND DP 0 PSI. CIRC HOLE. TIH NO FILL. SWIVEL UP. DRLG F/ 2642-2763'. CIRC BOTTOM UPS. SET SWIVEL BACK. LAY DOWN DP AND BHA. CHANGE OUT FLOATS. RIG DOWN SWIVEL. RIG UP CSG CREW. STRAP AND RUN 4 1/2" 13.50# N-80 4LF CSG. RUN IN HOLE W/ CSG. RUN 57 JTS CSG @ 2663'. HOLE CIRC GOOD. CIRC ANG RIG UP HALLIBURTON, PUMP 20 BBLs FLUSH. 30 SX CMT (6.9 BBLs) DISPLACE W/ 39.1 BBLs. SHUT WELL IN W/ CMT HEAD. WASH UP PUMP AND LINES. RIG DOWN HALLIBURTON. HAD GOOD LIFT AND FULL RETURNS THRU OUT JOB. SDFN.

**4/12/13:** RIG DOWN FLOOR. NIPPLE DOWN BOP. CLEAN PIT W/ IEI AND HAUL OFF CUTTING AND MUD TO IEI LAND FARM. RIG DOWN AND LEAVE RIG ON LOCATION.

**4/25/13:** MIRU, NIPPLE UP BOP, RIG UP FLOOR. SDFN. CREW CHANGING OUT DRILLING LINE.

**4/26/13:** STRAP AND PICK UP 2 3/8" TBG TAG @ 2408'. PICK UP AND HOOK UP POWER SWIVEL. TEST CSG TO 1500 PSI. DRLG CMT F/ 2408-2663'. CLEAN OUT F/ 2663-2760'. CIRC HOLE CLEAN. TOO H. RIG UP BASIN W/L & RUN BOND, GAMMA RAY, NEUTRON LOG. RIG DOWN BASIN AND SHUT IN WELL. SDFWE.

**4/29/13:** CSG 0 PSI, RUN IN HOLE W/2 3/8" TBG, SN, 84 JTS 2722'. RIG UP SWAB EQUIPMENT. SWAB WELL. FLUID LEVEL @ SURFACE TO START. RECOVER 38 BBLS. WAIT 1 HR CSG 45 PSI TBG 0 PSI. RUN IN HOLE FLUID LEVEL 100' ABOVE SN. WAIT 1 HR. CSG 90 PSI, TBG 5 PSI, FL 80' ABOVE SN. SWIFN.

**4/30/13:** CSG 450 PSI, TBG 15 PSI. SWAB WELL FLUID LEVEL @ 900' ABOVE SN. MAKE 1 RUN WELL FLOWING, WELL FLOW FOR 15 MINS. CSG 0 PSI, TBG 0 PSI. TBG SLIGHT BLOW. WAIT FOR 1 HOUR AND MAKE A SWAB RUN. TAG NO FLUID. WAIT 2 HOURS, CSG 40 PSI, TBG SLIGHT BLOW. RUN IN HOLE, NO FLUID. WAIT 2 HRS, CSG 50 PSI, RUN IN HOLE NO FLUID. TBG SLIGHT BLOW. LAY DOWN SWAB EQUIPMENT. RECOVER 2 BBLS OF WATER TOTAL OF 40 BBLS. SWIFN.

**5/1/13:** CSG 350 PSI, TBG 250 PSI. BLEED WELL DOWN TO PIT. TOOH. RIG UP BASIN RUN IN HOLE SET CIBP @ 2656' GET DEPTH WITH GAMMA RAY. FILL HOLE W/ 2% KCL WATER, PRESSURE TEST W/ RIG PUMP TO 500 PSI. RUN IN AND PERF F/2642-2648', 6', 2 SPF, 12 HOLES. RIG DOWN BASIN. PICK UP MAKE UP PACKER, SN, 81 JTS OF 2 3/8" TBG SET @ 2625'. PICK UP SWAB EQUIPMENT. SWAB WELL. MADE 1 RUN. SWIFN.

**5/2/13:** TBG 700 PSI, PUT WELL UP ON 2" LINE TO BLEED DOWN. PUMP 10 BBLS 2% KCL WATER DOWN TBG. UNSET PACKER AND POOH. LAY DOWN PACKER. TIH W/ NC, SN, 81 JTS OF 2 3/8" TBG. TBG @ 2625' LAND TBG ON TBG HANGER. ND BOP, NU MASTER VALVE. SWAB E-MAKE 2 RUNS. RECOVER 15 BBLS.

**5/3/13:** RIG DOWN AND RELEASE RIG @ 12:00 NOON. WOPLC.

# Barker Dome #20

PREVIOUS

SWNE Sec 21-32N-14W  
San Juan County, New Mexico  
1650' FNL & 2310' FEL

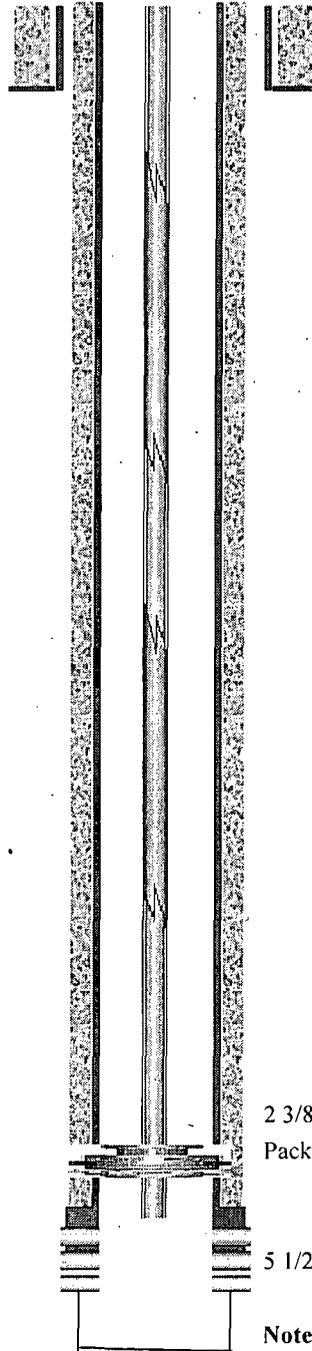
Change of Operator eff. 10/1/12

Today's Date: 10/25/12  
Spud: 12/15/1949  
Completed: 1/04/1950  
API: 30-045-11351

Latitude:  
Longitude:

## Tops:

Point Lookout	49'
Mancos	400'
Gallup	1439'
Greenhorn	2158'
Graneros	2213'
Two Wells	2277'
Paguete	2312'
Lwr Cuebero	2335'
Encinal Canyon	2394'



6249' GL

10 3/4" set at 90° (95' KB);  
80 sx cmt: Cmt to surface

2 3/8" 4.7# J-55 tbg 76 jts, at 2224' KB  
Packer @ 2224' KB. End of tbg @ 2325'

PERFS: 2284'-2335'

5 1/2" 15.5# csg, ID 4.95", set @ 2284'; 120 sx cmt

Note: Well Open Hole from 2284'-2400'

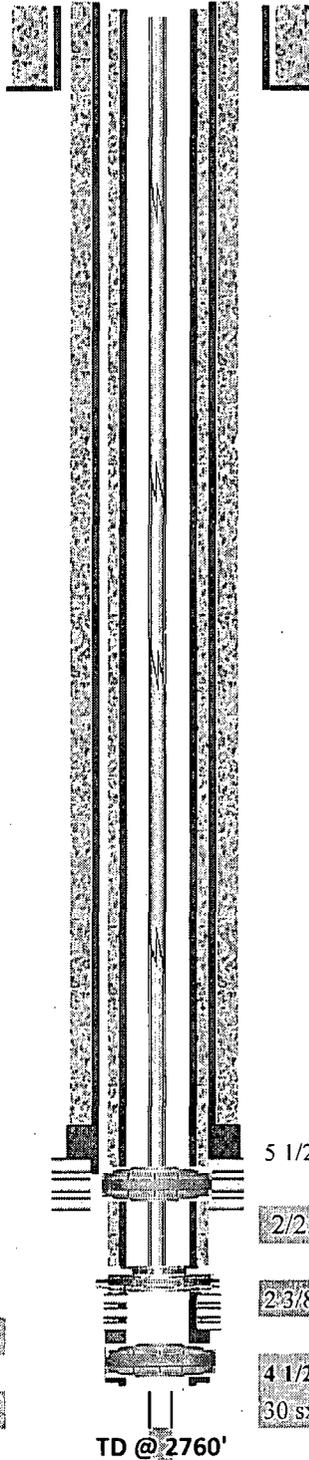
TD: 2400'

# Barker Dome #20

CURRENT

SWNE Sec 21-32N-14W  
 San Juan County, New Mexico  
 1650' FNL & 2310' FEL

Change of Operator eff: 10/1/12  
 Deepening: 5/3/13; Rel Rig  
 Today's Date: 5/7/2013  
 Spud: 12/15/1949  
 Completed: 1/04/1950  
 API: 30-045-11351



6249' GL

10 3/4" set at 90' (95' KB);  
 80 sx cmt: Cmt to surface

## Tops:

Point Lookout	49'
Mancos	400'
Gallup	1439'
Greenhorn	2158'
Graneros	2213'
Two Wells	2277'
Paguate	2312'
Lwr Cuebero	2335'
Encinal Canyon	2394'
Morrison	2425'

Inactive perfs: 2284'-2335'

5 1/2" 15.5# csg, ID 4.95", set @ 2284'; 120 sx cmt

2/25/13: CIBP @ 2313'

2 3/8" 4.7# J-55 tbg @ 2625'

Perfs: 2642'-2648'

5/1/13: CIBP @ 2656'

4 1/2" 13.5# N-80 4LF Csg Set @ 2663', 57 jts  
 30 sx cmt (6.9 bbls). Circ to surf.

TD @ 2760'

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Resrv.,  
 Other: \_\_\_\_\_

5. Lease Serial No.  
122IND2772

6. If Indian, Allottee or Tribe Name  
Ute Mountain Ute

7. Unit or CA Agreement Name and No.

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

8. Lease Name and Well No.  
Barker Dome #20

3. Address 808 N.W. 71st St.  
Oklahoma City, OK 73116

3a. Phone No. (include area code)  
4058409876

9. API Well No.  
30-045-11351

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface 1650' FNL & 2310' FEL  
 At top prod. interval reported below Same  
 At total depth Same

10. Field and Pool or Exploratory  
Barker Dome *CREEK DAKOTA*

11. Sec., T., R., M., on Block and Survey or Area Sec 21-T32N-R14W

12. County or Parish San Juan County  
13. State NM

14. Date Spudded 12/15/1949  
15. Date T.D. Reached 04/11/2013  
16. Date Completed 05/03/2013  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
6249' GL

18. Total Depth: MD 2763  
TVD

19. Plug Back T.D.: MD 2658'  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
Gamma Ray, Neutron

22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit report)  
 Directional Survey?  No  Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	10 3/4"		0	95' KB		80		0	
7 7/8"	5 1/2"		0	2284'		120		0	
4 3/4"	4 1/2"	13.5		2663'		30	6.9	0	

RCVD JUN 21 '13  
OIL CONS. DIV.  
DIST. 3

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	2625'	2625'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrison	2425'	2763'	2642'-2648'	2 spf	12	Active
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
2642'-2648'	Swab

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
N/A	WOPLC		→						Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
SI	SI		→					Shut In - WOPLC	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
SI	SI		→						

\*(See instructions and spaces for additional data on page 2)

6-20-13 email rec'd from Cathy Smith stating BLM told her not to file comp report 3160-4.  
 - Per Charlie Perrin-OCD file comp report 3160-4 to OED for record to show new perforations.

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Solid, used for fuel, vented, etc.)  
To be sold.

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Morrison	2425'	2780'	Sand & Shale, gas bearing	Marcos Gallup	400' 1439'
				Greenhorn Graneros	2158' 2213'
				Paguato Lwr Cucubero	2312' 2335'
				Encinal Morrison	2394' 2425'

32. Additional remarks (include plugging procedure):

Well is currently shut-in. First Production date scheduled for June 24, 2013.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)     
  Geologic Report     
  DST Report     
  Directional Survey  
 Sundry Notice for plugging and cement verification     
  Core Analysis     
  Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Catherine Smith      Title Regulatory  
 Signature *Catherine Smith*      Date 06/21/2013

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.