

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD
Artesia

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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.
NMLC063516

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
BIG EDDY UNIT 166

2. Name of Operator
BOPCO LP
Contact: TRACIE J CHERRY
E-Mail: tjcherry@basspet.com

9. API Well No.
30-015-36019

3a. Address
6401 HOLIDAY HILL RD BLDG 5 STE 200
MIDLAND, TX 79707

3b. Phone No. (include area code)
Ph: 432-221-7379

10. Field and Pool or Exploratory Area
SAND POINT; ATOKA
Fenton Del 24320

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 11 T21S R28E Mer NMP NWSW 2380FNL 660FEL
FSL

11. County or Parish, State
EDDY 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"/> Hydraulic Fracturing	<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 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 must 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 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.

BOPCO, LP respectfully submits this sundry notice of intent to recomplete the referenced well from the Atoka formation to the Lower Brushy Canyon.

1. MIRU workover unit. Blow well down. ND WH and NU 5K BOP, test.

2. Circulate hole with 9.5# Salt Gel to 7,300'.

3. RIH with 2-7/8" tubing, tag PBTD at 11,333'. PUH to 9,800'. Spot 31 sks Class H cement from 9,800' - 9,600'. WOC 4 hrs. (T/Wolfcamp Plug)

4. PUH with tubing to 7,563'. Spot 25 sks Class H cement from 7,563' - 7,463'. WOC 4 hrs. Tag. DV Tool Plug)

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

**NM OIL CONSERVATION
ARTESIA DISTRICT**

NOV 06 2017

RECEIVED

PC 11-6-17
Accepted for record - NMOCD

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

Electronic Submission #390701 verified by the BLM Well Information System
For BOPCO LP, sent to the Carlsbad
Committed to AFMSS for processing by JENNIFER SANCHEZ on 10/26/2017 ()

Name (Printed/Typed) TRACIE J CHERRY

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 10/03/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

APPROVED

OCT 26 2017

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

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD 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)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

11-16-17 D.D

Additional data for EC transaction #390701 that would not fit on the form

32. Additional remarks, continued

~~5. RIH with CCL and 10K CIBP for 5-1/2", 17# casing, set 6,270' above the Bone Spring formation (avoid any casing collars). PUH with wireline and drop back down to verify plug is set. Pressure test the 5-1/2" casing and CIBP to 3,500 psi. Tag CIBP after test to verify it held.~~

6. Perforate the Lower Brushy Canyon 6,076' - 6,247', 2 SPF, .42" hole (42 total shots)

7. Frac interval down 5-1/2" casing in one stage.

8. Circulate well clean down to PBD at 6,270'.

9. RIH with TAC on 2-7/8" tubing, land tbg. Run rods, seat pump and turn well to production

Plug from 6,371' -
6,271'
additional cement
@ later date.
See COAs

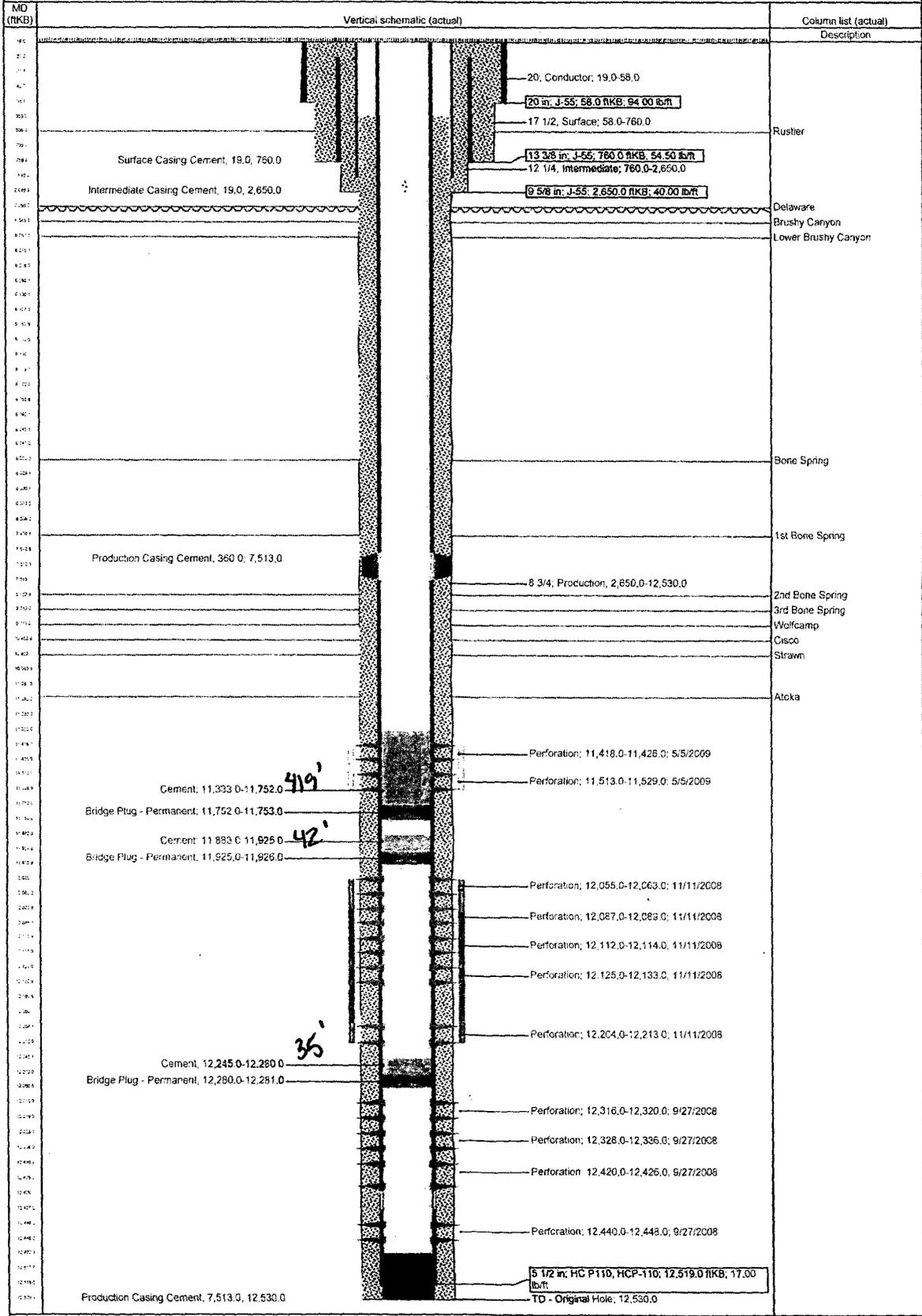


Schematic - Vertical
Well Name: BIG EDDY UNIT #166

Current

API/UVI 3001536019	Accounting ID 995128	Permit Number TEMP1257712124	State/Province New Mexico	County Eddy
Location	Spud Date 3/31/2008	Original KB Elevation (ft) 3,347.00	Gr Elev (ft) 3,328.00	KB-Ground Distance (ft) 19.00
Field Name	North/South Distance (ft) 2,380.0	North/South Reference FNL	East/West Distance (ft) 660.0	East/West Reference FEL
Latitude (°)	Longitude (°)	Well Classification	Well Type	Well Status Temporarily Abandoned
			Method Of Production None	

Vertical - Original Hole, 10/3/2017 4:36:19 PM

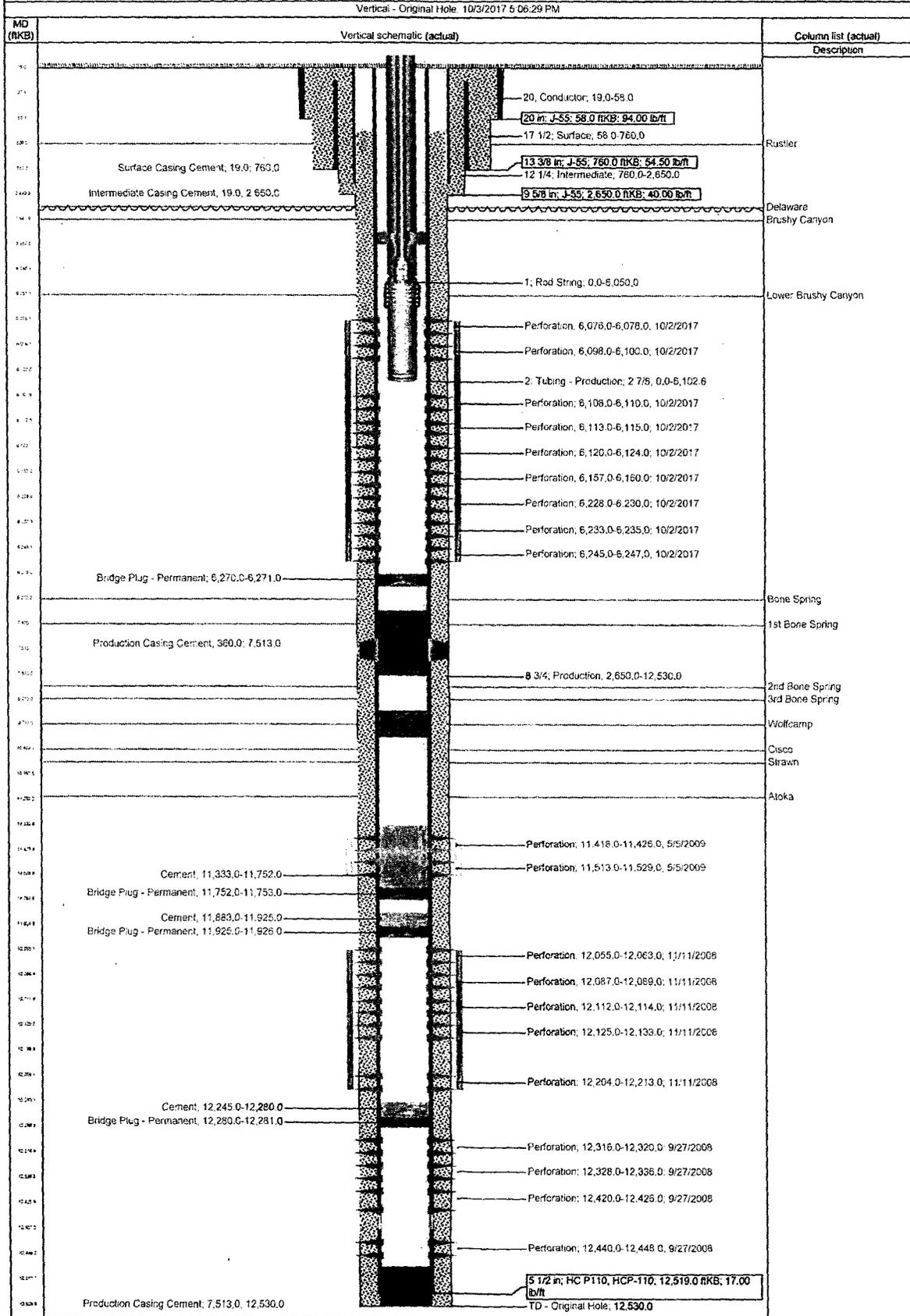




Schematic - Vertical
Well Name: BIG EDDY UNIT #166

Proposed

AP#(UW)	Accounting ID	Permit Number	State/Province	County	
3001536019	995128	TEMP1257712124	New Mexico	Eddy	
Location	Spud Date	Original KB Elevation (ft)	Gr Elev (ft)	KB-Ground Distance (ft)	
	3/31/2008	3,347.00	3,328.00	19.00	
Field Name	North/South Distance (ft)	North/South Reference	East/West Distance (ft)	East/West Reference	Latitude (")
	2,380.0	FNL	660.0	FEL	
Well Classification	Well Type	Well Status	Method Of Production		
		Temporarily Abandoned	None		



**Big Eddy Unit 166
30-015-36019
BOPCO, LP
October 26, 2017
Conditions of Approval**

Notify BLM at 575-361-2822 a minimum of 24 hours prior to commencing work.

Work to be completed by January 26, 2018.

- 1. Operator shall tag PBTD at 11,333'. If tag is shallower contact BLM.**
- 2. Operator shall place a balanced Class H Cement plug from 9,850'-9,650' to seal the top of the Wolfcamp Formation.**
- 3. Operator shall set a balanced Class H Cement plug from 7,563-7,463' as proposed to seal the DV tool. WOC Tag.**
- 4. Operator shall set a balanced Class C Cement plug from 6,371'-6,271'. Operator can set CIBP at 6,371' if desired and then add cement plug. Additional cement will need to be added to meet regulations after the Delaware is abandoned.**
- 5. Must conduct a casing integrity test before perforating and fracturing. Submit results to BLM. The CIT is to be performed on the production casing to max treating pressure. Notify BLM if test fails.**
- 6. Before casing or a liner is added or replaced, prior BLM approval of the design is required. Use notice of intent Form 3160-5.**
- 7. Surface disturbance beyond the originally approved pad must have prior approval.**
- 8. Closed loop system required.**
- 9. All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.**
- 10. Operator to have H2S monitoring equipment on location.**

11. A minimum of a **5000 (5M)** BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (5M Diagrams of Choke Manifold Equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.
12. **Subsequent sundry required detailing work done and completion report for the new formations. Operator to include well bore schematic of current well condition when work is complete.**
13. **See attached for general requirements.**

JAM 122617

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Permanent Abandonment of Production Zone Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from this approval.

If you are unable to plug back the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged back. Failure to do so will result in enforcement action.

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. For wells in Eddy County, call 575-361-2822. For wells in Lea County, call 575-393-3612

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. **Before pumping or bailing cement on top of CIBP, tag will be required to verify depth.**

Unless otherwise specified in the approved procedure, the cement plug shall consist of either **Neat Class "C"**, for up to 7,500 feet of depth or **Neat Class "H"**, for deeper than 7,500 feet plugs.

6. **Subsequent Plug back Reporting:** Within 30 days after plug back work is completed, file one original and three copies of the Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date work was completed.**

7. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.