Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
DEC 02 2013
NMOCD ARTESIA

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

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
☑ Oil Well ☐ ☐ Gas Well ☐☐ Other

2. Name of Operator
BOPCO, L. P.

3a. Address
P. O. Box 2760, Midland, TX 79702

3b. Phone No. *(include area code)*
432-683-2277

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
SHL: NWSE, UL J, 1630' FSL, 2630' FEL, Sec 33, T19S-R31E, Lat N32.611369, Lg W103.852708
PBHL: 660' FSL, 1470' FEL, Sec 34-T19S-R31E, Lat: N32.614006, Lg:W103.873631

5. Lease Serial No.
BHL: NMNM 0002447

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
Big Eddy Unit 68294X

8. Well Name and No.
Big Eddy Unit 257H

9. API Well No.
30-015-41458

10. Field and Pool, or Exploratory Area
Hackberry; Bone Spring, East

11. County or Parish, State
Eddy County New Mexico

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	☐ After Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ 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.)

As per the discussion on 11/20/2013 with Wesley Ingram, Ed Fernandez and Stephen Caffey, BOPCO, L.P. respectfully requests to plug and abandon the Big Eddy Unit #257H. 1" diameter tubing (or larger) will be utilized in order to attempt to get inside the 9-5/8" collapsed casing (wellbore). If this operation is successful, BOPCO, L.P. will set cement plugs as deep as possible within the wellbore. If the operation is unsuccessful, BOPCO, L.P. will notify BLM prior to setting an abandonment plug from current PBTD (approximately 87') to surface. The BLM has received all other applicable paperwork.

If 9-5/8" casing can be accessed, the following plugs with 10 percent excess will be set:
Bottom plug: 4,214' to 3,714': 180 sks
Top Plug: 500' to surface: 210 sks

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

~~**If the 9-5/8" casing cannot be accessed, the following plug with 10 percent excess will be set:**~~
~~**87' to surface. 61 sks**~~ NOT Approve See COA

All cement plugs will be Class C neat cement - 6.304 gal/sk water requirment, 1.32 yield, 14.8 ppg weight.

APPROVED
Ed Fernandez
NOV 26 2013
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
Courtney Lockhart Title **Regulatory Analyst**

Signature Courtney Lockhart Date **11/21/2013**

Accepted for record
NMOCD 12/4/13

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.

(Instructions on page 2)

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

CONDITIONS OF APPROVAL

Sundry to P&A dated 11/21/2013

OPERATOR'S NAME:	BOPCO, LP
LEASE NO.:	NM02447
WELL NAME & NO.:	257H-BIG EDDY UNIT (3001541458)
SURFACE HOLE FOOTAGE:	1630' FSL & 2630' FEL
LOCATION:	Section 33, T. 19 S., R 31 E., NMPM
COUNTY:	Eddy County, New Mexico

BLM plugging requirements

Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

Also see attached general requirements "Permanent Abandonment of Federal Wells"

Plugs shall be placed across open perforations, across DVtools, across previous casing shoes, in potash a solid plug across the salt.

The following plugs are required:

1. **Bottom plug from 4214' to 3714' OK as proposed**
2. **127' balance plug across the DV Tool / ECP at 2733'**
3. **126' balance plug across the 13-3/8" shoe at 2636'**
4. **Plugs #2 and #3 can be combined**
5. **Potash requires a solid plug across the salt from 2324' to 700' this will also cover the 16" shoe**
6. **Top plug 500' to surface OK as proposed**

All Plugs to be TAG and reported on a subsequent report

If the 9-5/8" casing cannot be accessed, contact the BLM for further discussion to finalize the last proposed plug.

EGF 112613

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

Permanent Abandonment of Federal Wells
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 the approval date of this Notice of Intent to Abandon.

If you are unable to plug 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. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

2. **Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. Eddy County, call 575-361-2822; 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. Based on depth, a tag of the cement may be deemed necessary.**

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. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.**
The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging 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 well was plugged.**

8. 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.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation procedure.

EGF 11/26/13

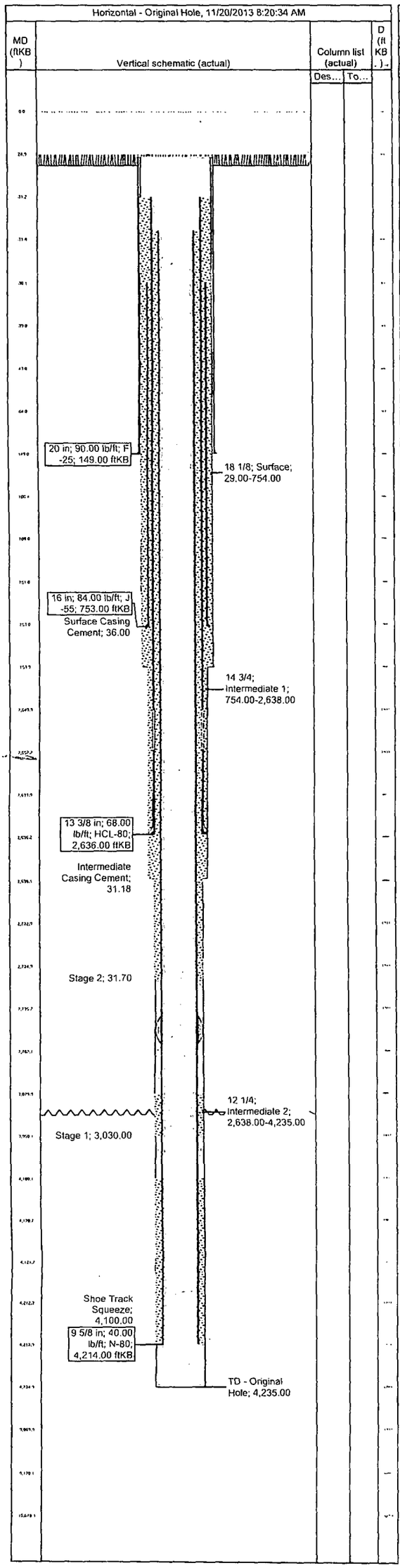
Schematic - Casing Detail

Well Name: BIG EDDY UNIT #257H — **Well ID: 30-015-41**

Field: W C Williams Sink (Bone Spring) — Sect: 33 Town: 19S Rng: 31E County: Eddy State: New Me

BOPCO, L.P. - West Te

Surface Location: 1630' FSL & 2630' FEL, SEC 33, T19S-R31E



Well Information

Orig KB Elev (ft)	Gr Elev (ft)	KB-Grd (ft)	Spud Date	On Production Date	PBTD (All) (ftKB)
3,487.50	3,458.00	29.50	6/22/2013		

Wellbores

Wellbore Name: Original Hole — Kick Off Depth (ftKB):

Size (in)	Act Top (ftKB)	Act Btm (ftKB)
8 3/4		
6 1/8		
18 1/8	29.0	
14 3/4	754.0	2
12 1/4	2,638.0	4

Casing Strings

Casing Description	Wellbore	Nominal OD (in)	String Wt (lb/ft)	Grade	Set @ (ftl
Conductor	Original Hole	20	90.00	F-25	

Jts	Item Des	OD (in)	Wt (lb/ft)	Grade	Top Thread	(I
1	20", 90 ppf, F-25, STC	20	90.00	F-25		

Casing Description	Wellbore	Nominal OD (in)	String Wt (lb/ft)	Grade	Set @ (ftl
Surface	Original Hole	16	84.00	J-55	

Jts	Item Des	OD (in)	Wt (lb/ft)	Grade	Top Thread	(I
1	16", 84 ppf, J-55, BTC (Cut jt)	16	84.00	J-55	Buttress	
16	16", 84 ppf, J-55, BTC	16	84.00	J-55	Buttress	
1	Weatherford Float Collar E402	16	84.00	J-55	Buttress	
1	16", 84 ppf, J-55, BTC (BL)	16	84.00	J-55	Buttress	
1	Weatherford Float Shoe E303	16	84.00	J-55	Buttress	

Casing Description	Wellbore	Nominal OD (in)	String Wt (lb/ft)	Grade	Set @ (ftK
Intermediate 1	Original Hole	13 3/8	68.00	HCL-80	2,6

Jts	Item Des	OD (in)	Wt (lb/ft)	Grade	Top Thread	(ft
1	13-3/8", 68 ppf, HCL-80, UFJ (Cut jnt.)	13 3/8	68.00	HCL-80	Ultra FJ	
57	13-3/8", 68 ppf, HCL-80, UFJ	13 3/8	68.00	HCL-80	Ultra FJ	
1	Halliburton Float Collar (102225071)	13 3/8	68.00	HCL-80	Ultra FJ	2,5
2	13-3/8", 68 ppf, HCL-80, UFJ	13 3/8	68.00	HCL-80	Ultra FJ	2,5
1	Halliburton Float Shoe (102225092)	13 3/8	68.00	HCL-80	Ultra FJ	2,6

Casing Description	Wellbore	Nominal OD (in)	String Wt (lb/ft)	Grade	Set @ (ftK
Intermediate 2	Original Hole	9 5/8	40.00	N-80	4,2

Jts	Item Des	OD (in)	Wt (lb/ft)	Grade	Top Thread	(ft
1	9-5/8", 40 ppf, N-80, LTC (Cut Joint)	9 5/8	40.00	N-80	LT&C	
59	9-5/8", 40 ppf, N-80, LTC	9 5/8	40.00	N-80	LT&C	
1	Weatherford DV Tool, 751PD	9 5/8	40.00	N-80	LT&C	2,7
1	Weatherford ECP	9 5/8	40.00	N-80	LT&C	2,7
30	9-5/8", 40 ppf, N-80, LTC	9 5/8	40.00	N-80	LT&C	2,7
1	Weatherford Float Collar E402	9 5/8	40.00	N-80	LT&C	4,1
2	9-5/8", 40 ppf, N-80, LTC (Tack Weld)	9 5/8	40.00	N-80	LT&C	4,1
1	Weatherford Float Shoe E303	9 5/8	40.00	N-80	LT&C	4,2

Perforations

Perf Date	Top (ftKB)	Btm (ftKB)	Zone	Current Status

Cement

Surface Casing Cement, 6/24/2013

String: Surface, 753.00ftKB — Cement Evaluation Results:

Stage Number	Stage Top (ftKB)	Stage Bottom (ftKB)	Vol Cement Ret (bbl)	Top Measurement Method
1	36.0	753.0	150.0	Circulated

Fluid	Amount (sacks)	Class	Dens (lb/gal)	Yield (ft³/sack
Lead	680	C	12.90	
Tail	300	C	14.80	

Intermediate Casing Cement, 7/8/2013

String: Intermediate 1, 2,636.00ftKB — Cement Evaluation Results: David Sanchez witnessed cement to surfac

Stage Number	Stage Top (ftKB)	Stage Bottom (ftKB)	Vol Cement Ret (bbl)	Top Measurement Method
1	31.2	2,638.0	171.0	Circulated

Fluid	Amount (sacks)	Class	Dens (lb/gal)	Yield (ft³/sack
Lead	875	C	12.90	
Tail	300	C	14.80	

Intermediate 2 Casing Cement, 7/13/2013

String: Intermediate 2, 4,214.00ftKB — Cement Evaluation Results: Tony Valencia and Brendin Smith witness cement returns to surface.

Stage Number	Stage Top (ftKB)	Stage Bottom (ftKB)	Vol Cement Ret (bbl)	Top Measurement Method
1	3,030.0	3,950.0		Cement Bond Log

Fluid	Amount (sacks)	Class	Dens (lb/gal)	Yield (ft³/sack
Lead	850	C	13.50	

Stage Number	Stage Top (ftKB)	Stage Bottom (ftKB)	Vol Cement Ret (bbl)	Top Measurement Method
2	4,100.0	4,214.0		Volume Calculations

Fluid	Amount (sacks)	Class	Dens (lb/gal)	Yield (ft³/sack
Cement Squeeze	100	C	13.50	

Stage Number	Stage Top (ftKB)	Stage Bottom (ftKB)	Vol Cement Ret (bbl)	Top Measurement Method
3	31.7	2,735.0	45.0	Circulated

Fluid	Amount (sacks)	Class	Dens (lb/gal)	Yield (ft³/sack
Lead	625	C	12.90	
Tail	100	C	14.80	