. Form 3160-5 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR ARTESIA DISTRICT BUREAU OF LAND MANAGEMENT ARTESIA DISTRICT

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SUNDRY NOTICES AND REPORTS ON WHARS $0.8\%$ Do not use this form for proposals to drill or to re-enter an	ጀሀገውን
Do not use this form for proposals to drill or to re-enter an	
handoned well. Use form 3160-3 (APD) for such proposals.	

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

Lease Serial No. NMLC065873A

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abandoned well. Use form 3160-3 (APD) for such proposals.						6. If Indi	an, Allottee or	Tribe Name	
SUBMIT IN TRIPLICATE - Other instructions on reverse side.					7. If Unit or CA/Agreement, Name and/or No. 891000326N				
1. Type of Well					8. Well Name and No. COBB FEDERAL 1				
2. Name of Operator Contact: TRACIE J CHERRY BOPCO LP E-Mail: tjcherry@basspet.com						9. API W	/ell No. 15-05829-00	D-S1	
3a. Address		3b. Phone No.		rea code)		10. Field	and Pool, or I	Exploratory	
P O BOX 2760 MIDLAND, TX 79702		Ph: 432-68	3-2277			BRUS	SHY CANY	ON	
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description	1)		·		11. Coun	ty or Parish, a	nd State	
Sec 23 T20S R31E SWSW 66	60FSL 660FWL					EDD	Y COUNTY	, NM	
12. CHECK APPI	ROPRIATE BOX(ES) TO	O INDICATE	NATUI	RE OF N	OTICE, F	EPORT, (	OR OTHER	DATA	
TYPE OF SUBMISSION				TYPE OF	ACTION				
Notice of Intent	☐ Acidize	☐ Dee	pen		☐ Produ	ction (Start/	Resume)	☐ Water Sh	ut-Off
_	☐ Alter Casing	☐ Frac	ture Trea	t	Reclar	nation		■ Well Inte	grity
☐ Subsequent Report	☐ Casing Repair	□ New	Constru	ction	☐ Recon	nplete		Other	
☐ Final Abandonment Notice	☐ Change Plans		and Aba	ndon		orarily Abar	ndon		
	☐ Convert to Injection	☐ Plug			☐ Water				
13. Describe Proposed or Completed Op- If the proposal is to deepen direction: Attach the Bond under which the wo- following completion of the involved testing has been completed. Final Al- determined that the site is ready for f	ally or recomplete horizontally, rk will be performed or provide doperations. If the operation re pandonment Notices shall be fil	give subsurface the Bond No. or sults in a multipl	locations a tile with le completi	ind measur BLM/BIA. on or recor	ed and true of Required s appletion in a	ertical depth ubsequent rep new interval	s of all pertine ports shall be f l. a Form 3160	nt markers and iled within 30 d 1-4 shall be filed	zones. lays l once
BOPCO, LP respectfully submits this sundry notice of intent to plug & abandon the referenced w. The plugging procedure is as follows:					vell.		NMOCD		
MIRU pulling unit & plugging equipment. Set open top steel pit. ND WH & NU 3,000 psi manual BOP for 2-3/8? tubing. POOH with tbg string.  RECLAMATION PROCEDURE							EDURE		
2. PU mill and DC's on workstring. RIH mill out cmt & CIBP starting at 7,173'. DO to top of liner @ ATTACHED 9,419' Tag CIBP @ and push to 10,769'.									
3. Circulate hole with 9.5# Salt Gel to 6600'. POOH + pup' - history CEE ATTACHED FOR									
3. Circulate hole with 9.5# Salt Gel to 6600'. POOH to 1942' or higher.  Tag existing Plug to Verify Cement at 12,442' or higher.  4. RIH with workstring to 10,769'. Pump 70 sxs Cl H cement. (Wolfcamp plug 10,769'-10,569')  CONDITIONS OF ADDROVAL									
Fraise Chicken COAs Attached CONDITIONS OF APPROVA						ROVAL			
14. I hereby certify that the foregoing is	Electronic Submission #	326950 verifie	d by the I	BLM Well	Informatio	n System		•	
For BOPCO LP, sent to the Carlsbad Committed to AFMSS for processing by PRISCILLA PEREZ on 12/22/2015 (16PP0022SE)									
Name (Printed/Typed) TRACIE J	CHERRY		Title	REGULA	TORY A	NALYST			
Signature (Electronic S			Date	12/21/20				<del></del>	
THIS SPACE FOR FEDERAL OR STATE OFFICE USE									
American Bu ( Juli)	δ		Title	Eng				Date 2	126/16
_Approved By	·		i ing	<u> ۱۱۷</u>				L Date /	T114

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.

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

## Additional data for EC transaction #326950 that would not fit on the form

#### 32. Additional remarks, continued

- 5. POOH with workstring. RIH perf 7" liner @ 9,670'. PU 7? pkr, RIH to 9,570', set. Sqz perfs with 50 sxs CI H cmt circulating 7? annulus to top of 7" liner @ 9,419'. Release pkr. Spot 88 sxs CI H cmt from 9,670'-9,365'. WOC & TAG ( 9-5/8? shoe, T/7? liner plug)
- 6. PUH to 7,595',spot 100 sxs CI H cmt from 7,595'-7,420'.(Bone Spring plug)
- 7. RIH with 9-5/8" CIBP, set @ 6,950'. RIH tag CIBP to verify setting. Spot 25 sxs Class C cmt on top of CIBP.(Perf Plug). Circulate remainder of hole with 9.5# Salt Gel.
- 8. Spot 80 sxs Cl C cmt from 4,970'-4,820'. WOC & TAG. (DV Tool plug)
- 9. PUH to 3,960', spot 80 sxs CI C cmt from 3,960'-3,820'. (T/Delaware plug)
- 10. PUH to 2,440, spot 800 sxs Cl C cmt from 2,440'-920'. WOC & TAG.(13-3/8" shoe, B/Salt, T/Salt@ 872' plug)
- 11. PUH to 705?. Spot 40 sxs CI C cmt from 705'-600'. WOC & TAG. (20" shoe plug).
- 12. PUH to 100?. Spot 35 sxs CI C cmt from 100? to Surface. Verify to surface. (Surface Plug)
- 13. ND BOP and cut off wellhead 5? below surface. Set P&A marker.@

below ground level marker required. See COA

WBD - Vertical - Proposed
Well Name: COBB, G-H-FEDERAL #01
Field: Parallel - Delaware 49600

15,711.0

16,355 0

16,459.D

-900<sup>53</sup>

BOPCO, L.P.: West Texas Well ID: 30-015-05829

Sect: 23 Town: 20S Rng: 31E Eddy Co., State: New Mexico

Blk:C%PXDLFC.001 Survey:

Most Recent Job Job Category Maintenance Primary Job Type Chemical Treatment Job End Date 3/24/2015 condary Job Type Lob Start Date 3/23/2015 Vertical - Original Hole, 12/21/2015 3:12:18 PM MD (ftKB) Vertical schematic (proposed) Des:K8: 3516' Gt.: 3498' SPUD: 5/29/1952 COMP: 7/28/1953; Depth MD:1.00 Des: Surface plug - 35 sxs Cl C cmt, Surface - ; Depth MD:100 00; 100.5 Date; 12/21/2015 272.0 Surface Casing Cement: 24; Surface; 18.00-654.00 600 t 20 in; 94.00 lb/ft; J-55; 653.75 RKB Dos'20" Shoe plug - 40 sas CI C cmt, WOC & TAG 600" -; Depth hID.705.00, Date:12/21/2016 653.9 705.1 Intermediate Casing Cement; 18.00 13 3/8 in: 61.00 lb/ft; J55; 919.9 17 1/2; Intermediate 1; 654,00-2,390,00 Des;13-3/8° shoe, B/Sall, T/Sall plug - 800 sxs CI C cmt, WOC & Tag 920 ---Depth MD 2,440 90; 2,390.1 2,390.00 ftKB 2,440.0 Date:12/21/2015

Des:DV Tool plug - 80 |
sas Cl C cmt, WOC 8 |
TAG 4,820 - : Depth |
MD 4,970 00;

Date:12/21/2015 Production Casing Cement; 4.8199 DN fool 4,970.1 12 1/4: Production: 2,390,00-9,612.00 6,875 0 6,899,9 Perforated; 6,900.00-6,901.00; 6/19/1953 6,900.9 Des Perf plug - Ct8P (lag) & 25 sas Ct C cmt cap, Depth MD-6,950 00; Date:12/21/2015 6,950 1 Bridge Plug - Permanent 6,950.00-6,951.00 6.951.1 7.003.0 Perforated; 7,003.00-7,016.00; 6/21/1953 7,016.1 Perforated; 7,022.00-7,035.00; 6/21/1953 2; Rod; 18.00-7,043.00 7,022.0 1; R00, 18.00-7,043.00 1; Tubing; 2 3/8; 17.62-7,054.00 Des:7173\* PBTD; Depth Cmt; 7,173.00-7,215.00 ¬ Retrievable Bridge Plug; 7,215.00-7,216.00 7,172.9 MD:7.173.00 7,419.9 Des Bone Springs plug -100 sxs Cl H cmi, 7,420 -; Depth MD 7,595 00; 7.595.1 Date, 12/21/2015 93652 9,412.1 Des:Top Of 7" Liner; Depth MD:9,419.00; Date:6/7/1953 9,419.0 9 5/8 in; 40.00 lb/ft; N-80; Proposed Perforations; 9.670.00; 12/21/2015 Des.9-5/8" shoe, T/Liner plug - 190 sas CI H cml, WOC \$ Tap 9.365"-; Depth MD19.675.00; 9,612.00 RKB 9,669.9 9.674.9 Date: 12/71/2015 9,685.D 10.568.9 Des.Wolfcamp plug - 70 sxs CI H cmt, 10,569' -; Depth MD:10,769.00, Date;12/21/2015 10,769.0 Liner Cement: 9.685.00 12,098.1 Des: 12465' Cml Plug - 12465'-12565'; Depth MD:12,465.00 12,464.9 12,492.1 Perforated; 12,492.00-12,524.00; 6/9/1953 12,524.0 12,536,1 Perforated; 12,536.00-12,554,00; 6/9/1953 12,554.1 12,563 0 Des: 12621' Blm 7" Liner; Depth MD: 12,621.00 in; 32.00 lb/ft; N-80; 12,521.1 12,621.00 NKB 12,621.00 NKB 8 5/8; Liner; 9,612.00-16.459.00 12,850,1 13,961.9 120057 14,391.1

> TD - Original Hole; 16,459.00 Des:16459' TD 8-5/8" Hole;

Depth MD:16,459.00

## 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 (LPC Habitat)

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 <u>ninety (90)</u> days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> 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. <u>Notification:</u> Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.
- 3. <u>Blowout Preventers</u>: 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. <u>Mud Requirement:</u> 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. <u>Cement Requirement</u>: 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. Below Ground Level Cap (Lesser Prairie-Chicken Habitat): 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 10<sup>th</sup> day, the BLM is to be contacted with justification to receive an extension for completing the cut off. Upon the plugging and subsequent abandonment of wells that are located in lesser prairie-chicken habitat, the casings shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be covered with a metal plate at least ¼ inch thick and welded in place. A weep hole shall be left in the plate and/or casing.

NMOCD also requires the operator to notify NMOCD when this type of dry hole marker is used. This can be done on the subsequent report of abandonment which is submitted to the BLM after the well is plugged. State that a below ground cap was installed as required in the COA's from the BLM.

- 7. <u>Subsequent Plugging Reporting</u>: 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. <u>Trash</u>: 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 objectives.

Timing Limitation Stipulation/Condition of Approval for Lesser Prairie-Chicken:

From March 1<sup>st</sup> through June 15<sup>th</sup> annually, abandonment activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted



## **United States Department of the Interior**

#### BUREAU OF LAND MANAGEMENT

Carlsbad Field Office 620 E. Greene St. Carlsbad, New Mexico 88220-6292 www.blm.gov/nm



In Reply Refer To: 1310

### **Reclamation Objectives and Procedures**

Reclamation Objective: Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses. At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its predisturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any and all contaminants, scrap/trash, equipment, pipelines and powerlines. Strip and remove caliche, contour the location to blend with the surrounding landscape, redistribute the native soils, provide erosion control as needed, rip and seed as specified in the original APD COA. This will apply to well pads, facilities, and access roads. Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

- The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of
  Operations must include adequate measures for stabilization and reclamation of disturbed lands.
  Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD
  process as per Onshore Oil and Gas Order No. 1.
- 2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months of well abandonment.
- 3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.

- 4. Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. If you have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.
- 5. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.
- 6. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.
- 7. At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos Supervisory Petroleum Engineering Tech 575-234-5909, 575-361-2648 (Cell)

Arthur Arias Environmental Protection Specialist 575-234-6230

Linda Denniston Environmental Protection Specialist 575-234-5974

Henryetta Price Environmental Protection Specialist 575-234-5951

Dara Glass
Environmental Protection Specialist
575-234-5924

Shelly Tucker Environmental Protection Specialist 575-234-5979