

<b>Well Name:</b> BELLAGIO BBY FEDERAL	<b>Well Location:</b> T20S / R25E / SEC 33 / NENE /	<b>County or Parish/State:</b> EDDY / NM
<b>Well Number:</b> 2	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM108453	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 300153408400X2	<b>Well Status:</b> Abandoned	<b>Operator:</b> EOG RESOURCES INCORPORATED

Accepted for record – NMOCD gc 10/25/2021

**Sundry ID:** 2633905

**Type of Submission:** Subsequent Report

**Type of Action:** Plug and Abandonment

**Date Sundry Submitted:** 09/13/2021

**Time Sundry Submitted:** 04:02

**Date Operation Actually Began:** 08/02/2021

**Actual Procedure:** see attached

**BLM POC Name:** JAMES A AMOS

**BLM POC Title:** Acting Assistant Field Manager

**BLM POC Phone:** 5752345927

**BLM POC Email Address:** jamos@blm.gov

**Disposition:** Accepted

**Disposition Date:** 09/13/2021

**Signature:** James A. Amos

Reclamation Due 2-24-22

**Bellagio BBY Federal 2 – Sub P&A**  
**30-015-34084**  
**A-33-20S-25E**

8/2/21 - MIRU and NU BOP. RIH with bit and scraper to 9574'. Loaded casing with 40 bbls water. Set a CIBP at 9495' (proposed was 9524'). Approval was given by Rami with BLM-Carlsbad to set CIBP high.

8/3/21 – Tagged CIBP at 9490'. Spotted 25 sx Class H cement on top of CIBP to 9363' calc TOC.

8/4/21 – Tagged TOC 9424'. Rami Abdelhadi with BLM- Carlsbad approved tag, gave permission to forego plug 2 but wants tags on next 2 plugs. Spotted a 36 sx Class H cement plug from 8870'-8680' calc TOC. Tagged TOC 8692'. Spotted a 36 sx Class H cement plug from 7871'-7686' calc TOC.

8/5/21 – Tagged TOC 7844'. Rami Abdelhadi with BLM-Carlsbad directed to re-spot plug. Re-spotted with 35 sx Class H cement from 7838'-7653' calc TOC. Tagged TOC 7844' (no fill). Re-spotted with 35 sx Class H cement from 7838'-7653' calc TOC.

8/6/21 – Tagged TOC 7369'. Permission given to proceed up hole by Rami Abdelhadi with BLM-Carlsbad. Set a CIBP at 4919'. Left CIBP in hole.

8/10/21 – Tagged top of fish at 4921' (CIBP). Began loading wellbore with 140 bbls brine before establishing reverse circulation. Engage and begin drilling on fish (CIBP), fish immediately cut free and fell. Began swiveling in hole and did not tag anything. TIH and chased fish to bottom plug at 7369'.

8/11/21 – Set a CIBP at 7180', unable to surpass 7180'. Called BLM representative Rami, variance approval from Jim Amos on 8/11/21 at 1700 NM time. Tagged CIBP at 7177'. Pressure tested CIBP and casing with 1060 psi for 15 min, good. Mixed and displaced 80 sx Class C cement on top of CIBP to 6698' calc TOC.

8/13/21 – Tagged TOC 6858', 63' below calculated and requested top 6795'. Reported results to Rami Abdelhadi with BLM-Carlsbad on 8/13/21 and he requested we set an additional 25 sx. After further review of procedure called him back and requested a variance to include the next plug from 6729' to 6561' be combined with this top off. Request was approved and variance approval will proceed as follows: 50 sx Class C cement from 6858'-6550', no tag required. Pumped a 50 sx Class "C" cement plug from 6858'-6558' calc TOC.

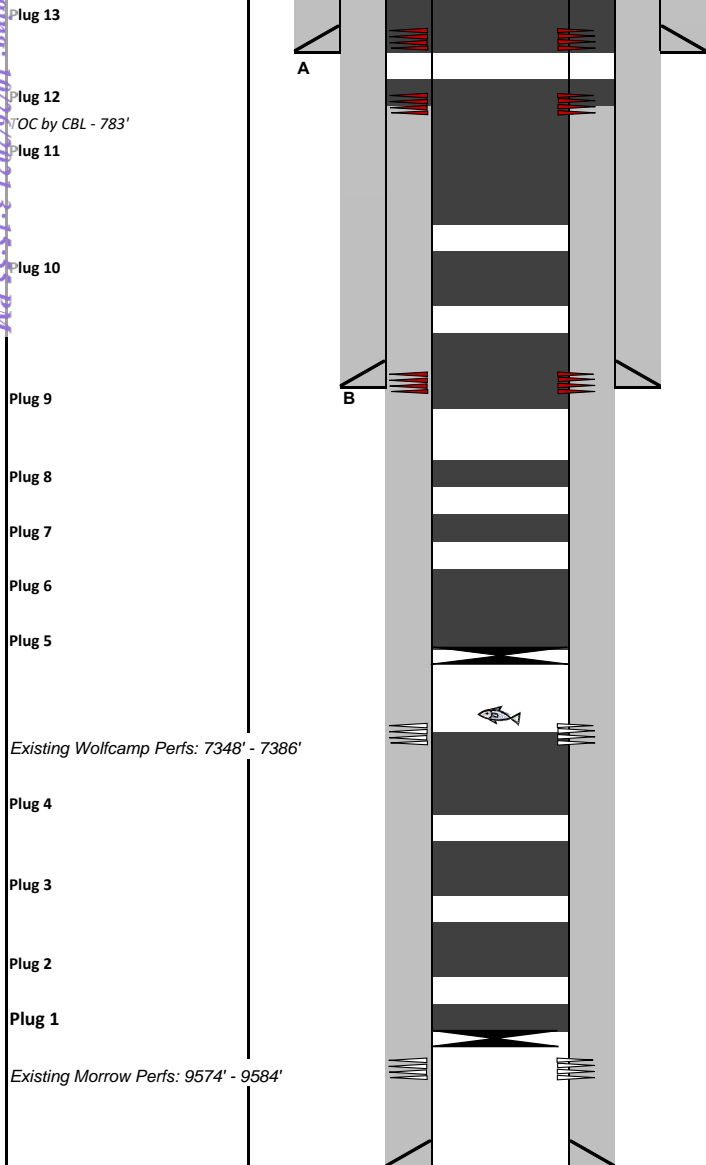
8/16/21 – Tagged TOC 6671', 110' below calculated TOC 6558'. Circulated 140 bbls fresh water. Mixed and displaced 20 sx Class C cement from 6671'-6552' calc TOC.

8/17/21 – Spotted a 26 sx Class C cement plug from 5258'-5106' calc TOC. Tagged TOC 5090'. Perforated at 3656'. Attempted to establish injection rate unsuccessfully applying 2000 psi with no bleed off. Spotted a 40 sx Class C cement plug from 3706'-3466' calc TOC.

8/18/21 – Tagged TOC 3480'. Pumped a 55 sx Class C cement plug from 2884'-2556' calc TOC. Tagged TOC 2548'. Mixed and displaced with 25 sx Class C cement from 1010'-860' calc TOC. Perforated at 858'. Loaded and attempted to inject into perms unsuccessfully applying 1500 psi with no bleed off. Mixed and displaced 30 sx Class C cement from 860'-630', tagged. Perforated at 469'. Established injection rate down production casing through perf and up to surface. Mixed and circulated 100 sx Class C cement from 469' up to surface. Topped off well with cement.

8/24/21 - Cut off wellhead. Installed dry hole marker as per BLM. Cover cellar and cut off anchors. **WELL IS PLUGGED AND ABANDONED.**

# Bellagio BBY Federal 2



Existing Wolfcamp Perfs: 7348' - 7386'

Existing Morrow Perfs: 9574' - 9584'

PBTD: 9,958 MD  
TD: 10,000 MD

Sec-TWN-RNG: Sec. 33-20S-25E  
FOOTAGES: 1310' FNL & 660' FEL

API: 30-015-34084  
GL: 3633  
KB: 3651

## CASING DETAIL

#	HOLE SIZE	SIZE	WGHT	GRADE	Top	Bottom	Sx Cmt	Circ/TOC	TOC Method
A	17 1/2	13 3/8	48	H-40	0	419	440	Circ	
B	12 1/4	8 5/8	36	J-55	0	3,606	1000	Circ	
C	8 3/4	7	23,26	P-110	0	10,000	1220	783	CBL

## FORMATION TOPS

	Formation	Top		Formation	Top		Formation	Top	
	San Andres	935		3rd Bone Springs	6645		Upper Morrow	9565	
	Glorietta	2645		Wolfcamp	6845		Middle Morrow	9615	
	Upper Yeso	2835		Cisco Canyon	7785		Lower Morrow	9785	
	Bone Springs Lime	3545		Strawn	8775		Base of Morrow	9860	
	2nd Bone Springs	5185		Atoka	9210				

## TUBING DETAIL

#	Joints	Description	Length	OD	ID	Grade	Wt (lb/ft):	Top (ftKB):	Btm (ftKB):
1		2-7/8" Tubing and packer						9,335	
2		2-7/8" Tubing						7,300	

## PLUGS

#	SX	Class	Top	Bottom	Tag	Notes	
1	25	H	9424	9490	Y	CIBP	
2	36	H	8692	8870	Y		
3	35	H	7844	7871	Y		
4	35	H	7838	7844	Y		
5	80	C	6858	7177	Y	CIBP	
6	50	C	6558	6858	Y		
7	20	C	6552	6771	N		
8	26	C	5090	5258	Y		
9	40	C	3480	3706	Y	Perforate	
10	55	C	2548	2884	Y		
11	25	C	860	1010	N		
12	30	C	630	860	Y	Perforate	
13	100	C	0	469	N	Perforate. Topped off with cement	

## PERFORATION DETAIL

	Formation	Top	Bottom						
	Morrow	9,574	9,584						
	Wolfcamp	7,348	7,386						

9/16/21

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
  
Action 56722

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 56722
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	10/25/2021