

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTCarlsbad Field Office  
OCD ArtesiaFORM 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.  
NMLC054988B

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: INJECTION8. Well Name and No.  
JENKINS B FEDERAL 72. Name of Operator  
COG OPERATING LLCContact: DANA KING  
E-Mail: dking@concho.com9. API Well No.  
30-015-29451-00-S13a. Address  
600 W ILLINOIS AVENUE  
MIDLAND, TX 797013b. Phone No. (include area code)  
Ph: 432-818-226710. Field and Pool or Exploratory Area  
GRAYBURG JACKSON

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 20 T17S R30E SWNW 1650FNL 1090FWL

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 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 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.

COG Operating LLC respectfully requests to drill out the composite plug and run a production assembly suitable to produce both the Upper and Middle San Andres zone.

Please see the attached proposed procedure and WBD.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

APR 01 2019

GC 4/2/19  
Accepted for record - NMOCD**RECEIVED**

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

Electronic Submission #458651 verified by the BLM Well Information System

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by PRISCILLA PEREZ on 03/20/2019 (19PP1428SE)

Name (Printed/Typed) DANA KING

Title SUBMITTING CONTACT

Signature (Electronic Submission)

Date 03/20/2019

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

Approved By

/s/ Jonathon Shepard

Title

Petroleum Engineer  
Carlsbad Field Office

MAR 29 2019

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.

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)

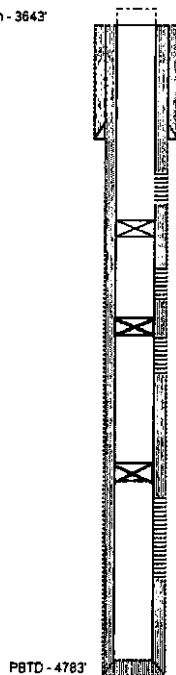
**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

The Jenkins 8 #7 was recompleted in the middle San Andres in 2018. In 2019 the well was re-enter and was plugged back to recomplete the Upper San Andres and produced just that zone for a test. Additional rate can be added by commingling the Upper and Middle zones. The plan is to reenter this well, drill out the composite plug, and run a production assembly suitable to produce both zones. This should add about 12bbl/d of oil and 10mcf/d.

COG Operating LLC

**Elevation - 3643'**

WELL NAME:	JENKINS B FEDERAL #7	PROSPECT NAME:	Loco Hills
SHL:	1850 FNL 1090 FVL	STATE & COUNTY:	New Mexico, Eddy
BHL:	1850 FNL 1090 FVL	OBJECTIVE:	Single Stage Recompletion to GB-SA Top Zone
FORMATION:	SNDR	DEPTH:	4,199
LEGAL:	E-20-17S-30E		



8 518° 240 @ 415, 300 sm cent, dia. 121 sm

3150'-3250'  
Acidize w/ 1500 gals of 15% HCl.  
Frac zone w/ 100,000 # of sand

COMPOSITE PLUG  3.325"

3350-3634', w/ 3 spf. 120° phasing, 54 holes.  
Acidize w/ 1500 gals of 15% HCl.  
Fraczone w/ 375,000 # of sand

COMPOSITE PLUG @ 3.663'

3713'-4120'. w/ 3 spf, 120" phasing, 36 holes.  
Acidize w/ 1500 gals of 15% HCl.  
Fraczone w/ 259,883 # of sand

CIBP @ 4239' w/ 40' of CMT on top. 4199' PBTD

**Paddock**  
4289 - 4634'  
Acidized w/2,000 gal 15% NEFE  
Hot acid job 32,000/54,000/5,000

1st stage: 165 sx 50/50/c circ 32 sx.  
2nd stage: 900 sx lfe, 350 sx 50/50/2 c, circ 225 ax.  
5 1/2" 17# esp @ 4796".

	3150	3187	3183	3200	3217	3233	3250
SPF	3	3	3	3	3	3	3
Interval Length	100						
Spacing	16.7						
propfit, prop total	1000	100000					

[illegible]

**Longitude: -103.9992142**

**Procedure:**

- **Overview:** POOH with rod string, POOH with tubing, drill out composite plug, cleanout to PBTD, run new tubing design, and run new rod design.
- MIRU WSU
- PJSM / LOTO – de-energize
- POOH and stand back Rods
  - Report pitting, scale, or corrosion on rods
- ND WH, release TAC, NU BOP
- POOH w/ TBG
- Inspect tbg and LD any suspect joints
- Replace any bad joints with yellow band tubing from yard

1. POOH with yellow band tubing and stand back rods / drill out plug  
2. RIH with yellow band tubing and stand back rods / drill out plug  
3. Cleanout to the new PBTD of 3,630' as per new tubing design

- POOH, Standing back ~3,630 TBG and laying down the rest
- RIH with Tubing string as follows
  - Replace bad JTS with new / yellow band 2-7/8" J-55

New Tubing Design		
Item	JTS	Depth
2-7/8" J-55 Tubing	91	2929
Marker Joint	1	2931
2-7/8" J-55 Tubing	2	2996
TAC 5-1/2"	1	2999
2-7/8" J-55 Tubing	19	3629
END	1	3630
2-7/8" J-55 Tubing	1	3631

- Set TAC with the correct tension for 3,000'
- ND BOP & NU Well head
- RIH with new Rod Design and Don-Nan Pump sized for 143" stroke length with 1.5" plunger

New Rod Design		
Item	JTS	Length
3/4" Norris 97	134	3350
1-5/8" K-Bars	10	250
2-7/8" J-55 Tubing	1	20
Don-Nan Pump		

- Space out pump. Load and test tbg. Check for pump action.
- Hang well on.
- Inspect PU alignment and level carrier bar.
- Clean location, RDMO
- TOTP

## **BUREAU OF LAND MANAGEMENT**

Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972

### **Conditions of Approval for Workover/Deepening of a Well**

1. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any operations. For wells in Eddy County, call 575-361-2822. For wells in Lea County, call 575-393-3612
2. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any 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 9,100 feet, a 3M system for a well not deeper than 13,600 feet, or a 5M system for a well not deeper than 22,700 feet (all depths are for measured well depth).
3. **Cement:** Notify BLM if cement fails to circulate.
4. **Subsequent Reporting:** Within 30 days after work is completed, file a Subsequent Report (Form 3160-5) to BLM. The report should give in detail the manner in which the work was carried out. Show date work was completed. If producing a new zone, submit a Completion Report (Form 3160-4) with the Subsequent Report.
5. **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.
6. **If well location is within the Timing Limitation Stipulation Area 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.