

Form 3160-5  
(June 2015)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.  
NMNM0454018

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

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

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
SKITTLES FEDERAL 2

2. Name of Operator **COG OPERATING LLC** Contact: **DELILAH FLORES**  
E-Mail: **dflores2@concho.com**

9. API Well No.  
30-015-36462-00-S1

3a. Address  
600 W ILLINOIS AVENUE  
MIDLAND, TX 79701

3b. Phone No. (include area code)  
Ph: 575-748-6946

10. Field and Pool or Exploratory Area  
ESPERANZA

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 10 T22S R27E SENE 1850FNL 330FEL

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 type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" 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.

- MIRU-POOW W/ RODS & TUBING.
- SET 5 1/2" CIBP@3,800' -CIRCULATE WELL W/ 88 BBLS MLF -SPOT 25SX CMT@3,800' -3,547'-WOC & TAG
- PERF & SQZ. 40 SX CMT @ 1,998' -1,898' woe & TAG (DELAWARE)
- PERF & SQZ. 40 SX CMT@ 1,647' -1,547' woe & TAG (BASE OF SALT)
- PERF & SQZ. 140 SX CMT@ 462' -SURFACE/ VERIFY (SHOE & TOP OF SALT)

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

**Electronic Submission #533127 verified by the BLM Well Information System  
For COG OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by PRISCILLA PEREZ on 10/08/2020 (21PP0154SE)**

Name (Printed/Typed) **DELILAH FLORES**

Title **REGULATORY TECHNICIAN**

Signature (Electronic Submission)

Date **10/07/2020**

Accepted for Record gc 12/8/2021

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

Approved By LONG VO

Title **PETROLEUM ENGINEER**

Date **10/14/2020**

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 **Carlsbad**

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 \*\***

**Revisions to Operator-Submitted EC Data for Sundry Notice #533127**

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Sundry Type:	ABD NOI	ABD NOI
Lease:	NMNM0454018	NMNM0454018
Agreement:		
Operator:	CONCHO RESOURCES 2208 W MAIN STREET ARTESIA, NM 88210 Ph: 575-748-6946	COG OPERATING LLC 600 W ILLINOIS AVENUE MIDLAND, TX 79701 Ph: 432.685.4385
Admin Contact:	DELILAH FLORES REGULATORY TECHNICIAN E-Mail: dflores2@concho.com  Ph: 575-748-6946	DELILAH FLORES REGULATORY TECHNICIAN E-Mail: dflores2@concho.com  Ph: 575-748-6946
Tech Contact:	DELILAH FLORES REGULATORY TECHNICIAN E-Mail: dflores2@concho.com  Ph: 575-748-6946	DELILAH FLORES REGULATORY TECHNICIAN E-Mail: dflores2@concho.com  Ph: 575-748-6946
Location:		
State:	NM	NM
County:	EDDY	EDDY
Field/Pool:	ESPERANZA;DELAWARE	ESPERANZA
Well/Facility:	SKITTLES FEDERAL 2 Sec 10 T22S R27E Mer NMP SENE 1850FNL 330FEL	SKITTLES FEDERAL 2 Sec 10 T22S R27E SENE 1850FNL 330FEL



CURRENT WELL SKETCH

API: 30-015-36462  
 SPUD: 09/13/08 @ 14:00 MST  
 FRR: 09/24/08 @ 14:15 MST  
 RIG: Permian #4

Skittles Federal #2  
 Esperanza (Delaware)  
 Eddy County

Sec 10-22S-27E  
 SHL: 1,850' FNL & 330' FEL  
 BHL: 1,850' FNL & 330' FEL (est.)  
 Sec 10-22S-27E  
 GL: 3,107'  
 KB: 3,121'  
 ZERO: 14'

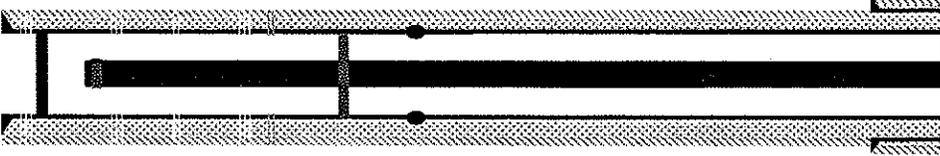
TUBING DETAIL

- 105 JTS 2 7/8" TBG @3414'
- 2' MS @3414'
- 2 JTS 2 7/8" TBG @3480'
- 5 1/2 X 2 7/8" TAC @3480'
- 44 JTS 2 7/8" TBG @4911'
- 2 7/8" SN @4935'
- 2 7/8" X 24' SND SCRIN @4935'

ROD DETAIL

- 1 1/4 X 26' P/R
- 1 1/2 X 1 1/4 X 14' LINER
- 4' SUB
- 188 - 7/8" RODS
- 6 - 1 1/2" K-BARS
- 2 1/2 X 2 X 20' RSBC-HVR

- 9/2/2010 Perf 3876-80', 15 Shots
- 8/26/2010 Perf 4082-98', 34 Shots
- 8/16/2010 Perf 4429-4559', 9 Shots
- 8/10/2010 Perf 4806-23', 36 Shots
- 1/19/2009 TAVD w/ CIBP @ 5288'
- 10/21/2008 Perf 5315-31', 34 Shots



Surface Casing

8.625" 24 ppi @ 376' J-55 LTC  
 Circulated 95 sx cement

Top of Salt	412'
Bottom of Salt	1597'
Delaware	1948'
Bone Spring	5347'

Production DV Tool Info:

DV Tool @ 3,023'  
 stg 1: 100 sx circulated  
 stg 2: 85 sx circulated

Squeeze perfs 9/8/2010

Production Casing

5.5" 17 ppi @ 5,468' J-55 LTC  
 FC (PBTD) 4,200'  
 Notes: 0  
 -did not circulate cmt

7.875"	12.25"	HOLE SIZE
10	8.6	MW (ppg)
0	0	BHST (F)
No Logs	No Logs	Evaluation

Updated by N. Jancha  
 Date: 2/23/2021



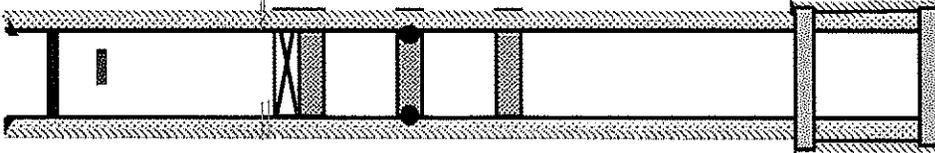
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8/10/2010	Perf 4806-23, 36 Shots
1/19/2009	TA'd w/ CIBP @ 5288'
10/21/2008	Perf 5315-31, 34 Shots

Production DV Tool Info:  
 Tool @ 3,023'  
 sig 1: 100 sx circulated  
 sig 2: 85 sx circulated



Skittles Federal #2  
 Esperanza (Delaware)  
 Eddy County

Sec 10-22S-27E  
 SHL: 1,850' FNL & 330' FEL  
 BHL: 1,850' FNL & 330' FEL (est.)  
 Sec 10-22S-27E  
 GL: 3,107'  
 KB: 3,121'  
 ZERO: 14'

- Perf'd csg @ 100' ND BOP. Sqzd 50 sx class C cmt @ 100' to surface.
- Surface casing @ 376'
  - 8.625" 24 ppf J-55 LTC
  - Circulated 95 sx cement
- Perf'd csg @ 462'. Sqzd 100 sx class C cmt @ 462-100'. WOC. Tagged @ 165'.
- Spotted 25 sx class C cmt @ 1722-1472'. WOC. Tagged plug @ 1442'.
- Spotted 25 sx class C cmt w/ 2% CACL @ 2053-1890'. Tagged plug @ 1780'.
- Spotted 25 sx class C cmt @ 3087-2837'. WOC. Tagged plug @ 2887'.
- 1.5 1/2" CIBP set @ 3802'. Circulated whole w/ MLE. Pressure tested csg, held 500 PSI. Spotted 30 sx class C cmt 3802-3502'. WOC. Tagged plug @ 3532'.  
 Squeeze perfs 9/8/2010

Production casing @ 5,468'  
 5.5" 17 ppf J-55 LTC  
 FC (PBTID) 4,200'  
 Notes: 0  
 -did not circulate cmt

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10	8.6	MW (ppg)
0	0	BHST (F)
No Logs	No Logs	Evaluation

Updated by N. Janchia  
 Date: 2/23/2021

**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 65025

**CONDITIONS**

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 65025
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

**CONDITIONS**

Created By	Condition	Condition Date
gcordero	None	12/8/2021