

State of New Mexico  
Energy, Minerals and Natural ResourcesOIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO.

**30 - 015 - 20464**

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil &amp; Gas Lease No.

7. Lease Name or Unit Agreement Name

**GoPoGo**

8. Well Number

**2**

9. OGRID Number

**233545**

10. Pool name or Wildcat

**Carlsbad; Wolfcamp, South (Gas) 74200**

## SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

**BOLD ENERGY, LP**

3. Address of Operator

**415 W. Wall, Suite 500 Midland, Texas 79701**

4. Well Location

Unit Letter **G**: **1980** feet from the **North** line and **1980** feet from the **East** lineSection **24** Township **22S** Range **26E** NMPM County **Eddy**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

**3162' GR**Pit or Below-grade Tank Application ☐ or Closure ☐ N/A (Workover)

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

## 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

## NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐TEMPORARILY ABANDON ☒ CHANGE PLANS ☐PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐OTHER: ☐

## SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐ P AND A ☐CASING/CEMENT JOB ☐OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

**Proposed procedure to temporarily abandon well:**

Notify OCD (505-748-1283) 24 hours before TA operations commence. Clear location, install and test rig anchors as required. All fluids to be contained. Avoid any spills. Immediately report all spills. MIRU service rig and steel pit or test tank. Bleed pressure off tubing and annulus. Use fresh water to kill well as necessary. Check for pressure on all casing strings. Bleed pressure to containment and check for flow. Report any fluid recovery. ND tree. NU BOP. Release ArrowSet packer and POOH standing back tubing. TIH w/ CIBP on 2-3/8" tubing. Set CIBP at 8,850'. Spot 35' of cement on CIBP. Circulate well to clean fresh water containing corrosion inhibitor. TOOH laying down 2-3/8". Notify OCD of Mechanical Integrity Test. MIRU pump truck w/ chart recorder with a maximum two hour clock and maximum 1,000 pound spring. Install 1,000 psi pressure gauges on intermediate and surface casing. Record casing pressures before, during and after MIT. Ensure that OCD representative is on location to witness test. Load casing with inhibited fresh water and pressure test to 500 psi. An acceptable test will have no more than 10% pressure drop in 30 minutes. Send chart record signed by all witnesses including OCD representative to Bold Energy in Midland. Release casing pressure. ND BOP. NU Tree. Release service rig and rental equipment. **Current and proposed wellbore schematic attached.**

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.SIGNATURE  TITLE Operations Engineering Manager DATE 12 / 27 / 07Type or print name Shannon L. Klier E-mail address: shannon.klier@boldenergy.com Telephone No. 432 / 686-1100**Accepted for record  
NMOCD RE****For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any): \_\_\_\_\_

## CURRENT

Surface Casing  
13-3/8" 48# H-40 at 319'  
TOC - Surface

Intermediate Casing  
9-5/8" 36/40# J-55 at 5,328'  
TOC - Surface

## Completion Assembly:

1 - Jt 2-3/8" Tubing  
1 - 4' sub  
1 - 2' sub  
1 - 6' sub  
1 - 8' sub  
284 - JTS 2-3/8" Tubing  
O/O tool w/ 1 7/8" F Profile (stainless)  
Arrow Set 1 Packer (nickel coated)  
Packer Setting Depth = 8,900'  
16K lbs compression

Fish at 11,250' - 11,340'  
See fish details

Production Casing  
7" 23/26/29# N-80 at 11,810'  
TOC - 6,410' (TS)

TD at 12,012'

TOC = 6410' by TS

Wolfcamp Perforations  
8,926' - 8,934' 3 spf 0 5" EHD

CIBP at 9,100'

DV Tool at 9711'  
Set CIBP at 9,720' w/35' cmt

Strawn Perfs  
10,210' - 10,498'  
Sqz'd w/ 150 sx & tested 2K psi

CIBP at 11,150' w/ 35' cmt

Morrow Perfs  
11,225' - 11,234'

Morrow Perfs  
11,382' - 11,482' (345 holes)

Fish on bottom Perf gun with  
three sinker bars

## BOLD ENERGY, LP

## GoPoGo #2

WI: 100%  
Elevation: 3162'  
KB: 19 8"  
Meas. TD: 12,012'  
TVD: 12,012'  
PBD: 9,100'  
Zone: Wolfcamp

NRI: 76.6%  
API: 30-015-20464  
Surface Location: 1980' FNL & 1,980' FEL  
Legal Description: Section 24 - T22S - R26E  
Field: South Carlsbad  
County: Eddy  
State: New Mexico

Casing	Hole	Weight	Grade	Depth	Burst	80% Burst	TOC
13-3/8"	17-1/2"	48#	H-40	319'	1,730	1,384	Surface
9-5/8"	12-1/4"	36/40#	J-55	5,328'	3,520	2,816	Surface
7"	8-1/4"	23 0#	N-80	5,514'	6,340	5,072	6,410' (TS)
7"	8-1/4"	26 0#	N-80	7,620'	7,240	5,792	
7"	8-1/4"	29 0#	N-81	11,810'	8,161	6,529	

Date	Event
8/26/1972	TD
9/1/1972	Perforated Morrow 11,382' - 11,404' (167 holes) 19 mmscd test SITP = 3250 psi 11,454' - 11,460' (24 holes) 11,424' - 11,434' (40 holes) 11,480' - 11,482' (8 holes)
1/4/1973	BHP = 3,570 psi with gauge at 11,490 ft ACF calculated 50,624 mscfd
7/17/1974	48 hr BHP = 1,501 psi with BHFP = 1,218 psi and 547 psi surface prior to SI
5/14/1980	72 hr BHP = 618 psi with 239 psi surface flowing pressure prior to SI
6/8/1981	83 hr BHP = 590 psi
1/18/1992	BHP = 321 psi at 11,350' - static gradient survey Last reported rate = 75 mscfd at 10 psi (on compression)
4/29/1992	Set plug in packer and dumped 15' sand to isolate existing Morrow perfs Perforated upper set of Morrow Perfs with 5" Vann guns 32 gm charges 0 51" EHD (18 Holes total) 11,225' - 11,234' Acidized perfs Re-acidized with nitrogen Ran BHP test Re-shot same perfs with WL perf guns Acid ball job ISIP = 3200 psi 15 min SIP = 2306 psi
5/5/1992	48 hr BHP = 3,141 psi
5/15/1992	Binary Foam Frac. Screenout at 1 ppa 20/40 Carbo ISIP = 8200 psi Post frac test rate = 75 mscfd at 300 psi FTP
8/15/1993	KCL ballout. ISIP = 4200 psi 5 min SIP = 3220 psi
3/5/2002	Set CIBP and Perforate Strawn select fire 10,210' - 10,498' (35 holes) Using tubing, plug and packer - breakdown in three stages 1,000 gallons 15% HCl. Break = 6,750 psi Inj at 3.2 bpm, 6,300 psi Ball action varied ISIP = 4,466 psi 10 min SIP = 4,180 psi Squeeze Strawn Perfs w/ 150 sx, tested to 2000 psi, OK
3/18/2005	Attempt to recover fish for one month from on top Uni VI packer with no success
4/27/2005	Reported losses while fishing - volume not reported EOT approximately 3,200' (100 joints) 2-3/8" 4 7# N-80
	Fish Details Top of Fish reported to be at approx 11,250' Slip "grapple" from Kulow socket (lost during previous fishing attempt) Partial joint of 2-3/8" N-80 tubing 4' x 2-3/8" Handling sub 4 10 11306 64 Mechanical firing head 3-3/8" 2 58 11309 22 9' x 5" Van Gun 9 78 11319 00 15' Sand 15 00 11334 00 Uni VI Packer at 11,340' w/ blanking plug in o/o tool 6 00 11340 00
9/2/2006	Begin operations to recomplete to Wolfcamp TOOH with production tbg One jt on btm with hole Ran casing scraper and tested tubing back in hole to 6,000 psi POOH & set CIBP at 11,150' w/35' cmt Tested to 1,000 psi Set second CIBP at 9,720' w/35' cmt Set third CIBP at 9,100'
9/28/2006	Tested to 1,500 psi Perforated Wolfcamp 8,926' - 8,934' w/ 3 spf 0 5" EHD 120" phasing TIH w/ ArrowSet 1-X Packer, O/O tool w/ 1 7/8" F profile & 285 jts 2-3/8" 4 7# L-80 tbg + subs Packer set at 8,900' w/ 16K lbs compression Pump out plug on btm of pkr Picked tbg Spotted pkr fluid Pumped out plug + 8 bbls into formation Broke at 5,590 psi at 2.2 bpm ISIP = 2,960 psi Bled down to 300 psi before SDON
9/30/2006	SITP = 650 psi Swabbed FL to 3,000' Some gas with swabbing 64 hr SITP = 1,020 psi 5 day SITP = 1,025 psi 10 day SITP = 1,025 psi
10/10/2006	Frac'd Wolfcamp w/ 9,955 lbs of 30/50 EconoProp from 0 11 - 1.53 ppa using slickwater + additives ATP = 6,654 psi APR = 15.6 bpm Total load to recover = 782 bbls ISIP = 9,555 psi FG = 1 50 psi/ft 5 min SIP = 4,270 psi 10 min SIP = 4,238 psi 15 min SIP = 4,143 psi Begin flowback at 2,500 psi Heavy sand returns at B/U. Made 359 bbls in 12 hrs Well died after 24 hrs Shut in well from 10/12/06 to 11/15/06. SITP increased from 825 psi to 1,975 psi Took one month for pressure to stabilize
11/16/2006	Open well to test tank.
1/15/2007	Swab well SITP = 350 psi. SICP = 480 psi IFL = 1,500' Rec 3 BO + 17 BW in 5 runs Well began flowing Install intermitter Turn well to production
9/6/2007	Rugged down separator and moved to Bell Lake #23

# PROPOSED

Surface Casing  
13-3/8" 48# H-40 at 319'  
TOC - Surface

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Arrow Set 1 Packer (nickel coated)  
Packer Setting Depth = 8,900'  
16K lbs compression

Fish at 11,250' - 11,340'  
See fish details

Production Casing  
7" 23/26/29# N-80 at 11,810'  
TOC - 6,410' (TS)

TD at 12,012'

TOC = 6410' by TS

CIBP w/35' CMT at 8,850'

Wolfcamp Perforations  
8,926' - 8,934' 3 spf 0.5" EHD

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