

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTNMOCD  
ArtesiaFORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**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.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM90807
2. Name of Operator COLGATE OPERATING LLC Contact: CASEY R MCCAIN E-Mail: cmccain@colgateenergy.com		6. If Indian, Allottee or Tribe Name
3a. Address 306 W WALL ST SUITE 500 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-695-4239	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 34 T19S R29E 2310FSL 1750FEL		8. Well Name and No. OSAGE FEDERAL 16
		9. API Well No. 30-015-26283
		10. Field and Pool, or Exploratory PARKWAY
		11. County or Parish, and State EDDY CO. COUNTY, NM

## 12. CHECK 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"/> Fracture Treat	<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 checked="" type="checkbox"/> Other workover
	<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 recomple 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Set CIBP@6445' and dump 5 sx cmt  
Test csg to 500 psi  
Perforate 5322' - 5476'  
Test for production and possible stimulation  
Restore well to production

Rejected - Colgate is not the operator of  
this well bore.

NM OIL CONSERVATION  
ARTESIA DISTRICT

DEC 12 2016

RECEIVED

14. I hereby certify that the foregoing is true and correct. Electronic Submission #358251 verified by the BLM Well Information System For COLGATE OPERATING LLC, sent to the Carlsbad Committed to AFMSS for processing by DEBORAH MCKINNEY on 11/17/2016 ()	
Name (Printed/Typed) CASEY R MCCAIN	Title VP - OPERATIONS
Signature (Electronic Submission)	Date 11/17/2016
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved By <i>[Signature]</i>	Date 12/6/16
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	
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.	

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

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 Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office  
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-015-43917</b>	<sup>2</sup> Pool Code <b>98204</b>	<sup>3</sup> Pool Name <b>WC-015 S232627B; Wolfcamp (Gas)</b>
<sup>4</sup> Property Code <b>316289</b>	<sup>5</sup> Property Name <b>RED LIGHT 27-34 STATE COM</b>	<sup>6</sup> Well Number <b>2H</b>
<sup>7</sup> OGRID No. <b>160825</b>	<sup>8</sup> Operator Name <b>B.C. OPERATING, INC.</b>	<sup>9</sup> Elevation <b>3313</b>

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	27	T23S	R26E		150'	NORTH	990'	WEST	EDDY

<sup>11</sup> Bottom Hole Location If Different From Surface

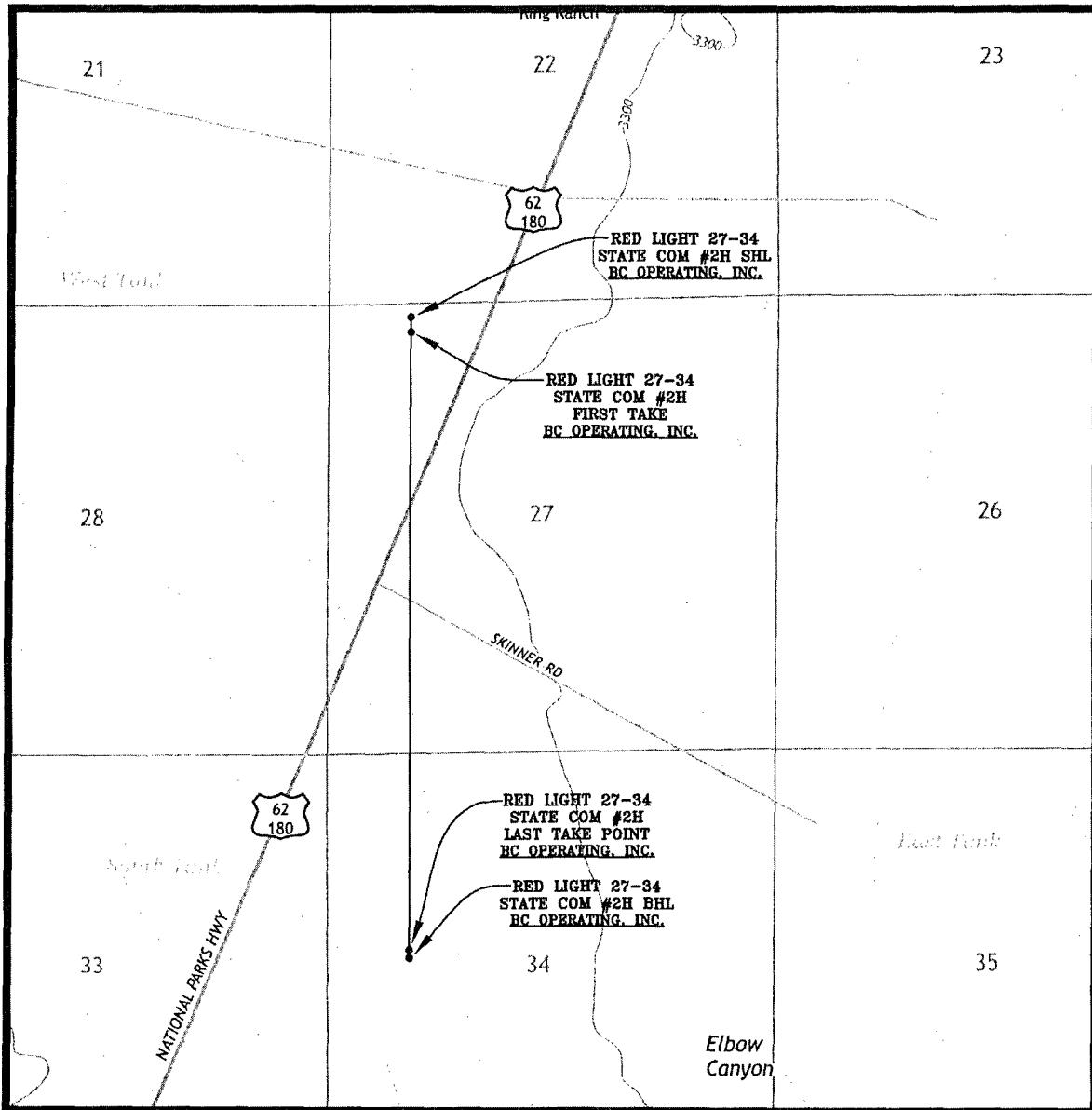
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	34	T23S	R26E		2400'	NORTH	990'	WEST	EDDY

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
480.00			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<sup>16</sup>				<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature _____ Date _____ Sarah Presley Printed Name spresley@bcoperating.com E-mail Address	
<sup>18</sup> SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey <b>MAY 18, 2016</b> Signature and Seal of Professional Surveyor <b>LLOYD P. SHORT</b> Certificate Number <b>21653</b>					

# LOCATION VERIFICATION MAP

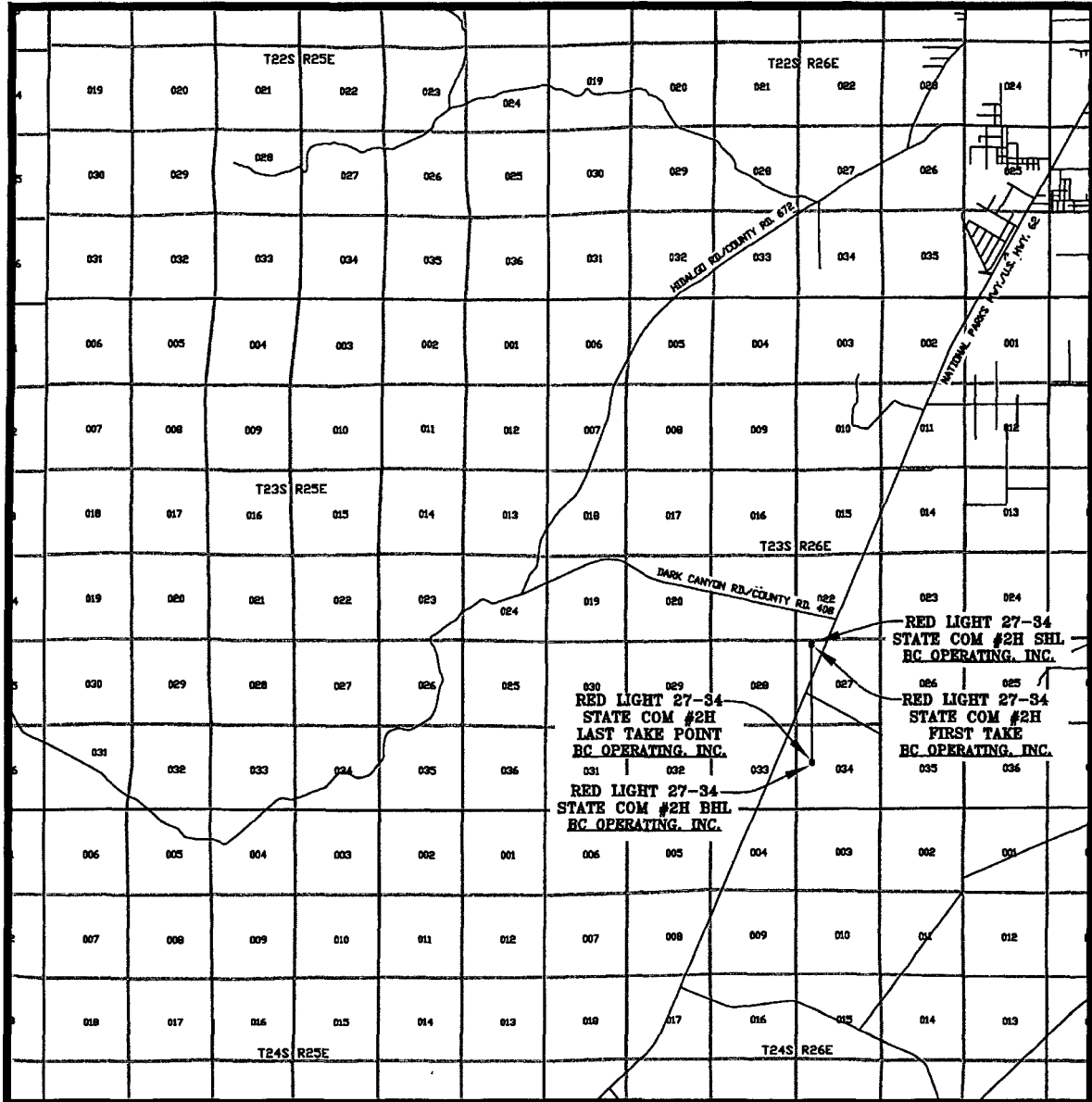


SEC. 27 TWP. 23 S RGE. 26 E  
 SURVEY: N.M.P.M.  
 COUNTY: EDDY  
 DESCRIPTION: 150' FNL & 990' FWL  
 ELEVATION: 3313'  
 OPERATOR: B.C. OPERATING, INC.  
 LEASE: RED LIGHT 27-34 STATE COM  
 U.S.G.S. TOPOGRAPHIC MAP: KITCHEN COVE, N.M.

SCALE: 1" = 2000'  
 CONTOUR INTERVAL = 20'

PREPARED BY:  
 R-SQUARED GLOBAL, LLC  
 1309 LOUISVILLE AVENUE, MONROE, LA 71201  
 318-323-8900 OFFICE  
 JOB No. R3642\_002

# VICINITY MAP



SEC. 27 TWP. 23 S RGE. 26 E  
 SURVEY: N.M.P.M.  
 COUNTY: EDDY  
 DESCRIPTION: 150' FNL & 990' FWL  
 ELEVATION: 3313'  
 OPERATOR: B.C. OPERATING, INC.  
 LEASE: RED LIGHT 27-34 STATE COM  
 U.S.G.S. TOPOGRAPHIC MAP: KITCHEN COVE, N.M.

SCALE: 1" = 2 MILES

PREPARED BY:  
 R-SQUARED GLOBAL, LLC  
 1309 LOUISVILLE AVENUE, MONROE, LA 71201  
 318-323-6900 OFFICE  
 JOB No. R3642\_002



# PHOENIX

TECHNOLOGY SERVICES USA INC.

*Celebrating 20 Years of Focused Solutions*

3610 Elkins Road, Midland, Texas 79705 T. 432.684.0057 F. 432.686.7964 www.phxtech.com

November 29, 2016

Oil Conservation Division  
State of New Mexico  
811 S. First St.  
Artesia, New Mexico 88210

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

DEC 05 2016

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Dear District 2 - Artesia

Attention: Regulatory Department

Re: BC Operating  
Red Light 27-34 State Com #2H  
Eddy County, NM  
API #30-015-43917  
Job No. 60586

Enclosed please find the Survey Data Certification, and the original Plat and one copy of the Survey Report performed on the above referenced Well by Phoenix Technology Services, Inc. (P-5 No. 664171). Other information required by your office is as follows:

Name of Surveyor	Drain Hole Number	Surveyed Depths		Dates Performed		Type of Survey
		From	To	Start	End	
Noe Garza	2H	0	443	11/24/16	11/24/16	Gyro

A certified plat on which the bottom hole location is oriented both to the surface location and to the lease lines (or unit lines in case of pooling) is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Best Regards,

*Brittany Carley*

Brittany Carley  
Operations Administrator

# SURVEY CERTIFICATION FORM

3610 Elkins Road Midland, TX 79705 t:432-684-0057 f: 432-686-7964



**PHOENIX**  
TECHNOLOGY SERVICES

Company: BC Operating

Job #: 60586

Well Name: Red Light 27-34 State Com # 2H

County/State: Eddy Co., New Mexico

Survey Instrument Type: North Seek Rate Gyro

API # 30-015-43917

## TIE-IN DATA

Measure Depth (ft)	Vertical Depth (ft)	Inclination (°)	Azimuth (°)	N-S Coordinates	E-W Coordinates	Data Source
0	0	0	0	0	0	Surface

## First Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
2016-11-24	0	0	0

## Last Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
2016-11-24	443	1.3	89.01

## Projected TD Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
0	0	0	0

Grid Correction
-0.05

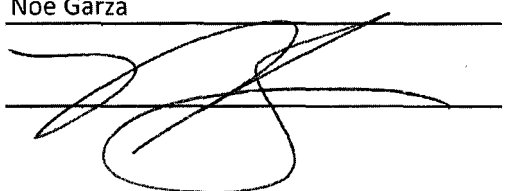
Gyro Operator: Phoenix Technology Services USA Ltd.

Gyro Supervisor: Angel Guebara

To the best of my knowledge I certify this survey data to be correct and true

Date: 11-24-16

Print Name: Noe Garza

Signature: 



**PHOENIX**  
TECHNOLOGY SERVICES

Company: \_\_\_\_\_  
Well: Red Light 27-34 State Com 2H  
Location: Eddy Co., New Mexico  
Rig: Patterson 244

BC Operating

Job Number: \_\_\_\_\_  
Grid Corr.: \_\_\_\_\_  
Lat: \_\_\_\_\_  
Long: \_\_\_\_\_

Date: 11-24-16  
Calculation Method: Minimum Curvature  
Proposed Azimuth: \_\_\_\_\_  
RKB - MSL in feet: 28  
Tie Into: Surface

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	N/S (ft)	Coordinates E/W (ft)	Closure Distance (ft)	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
Enter Tie-In Survey on Line 10												
FIELD COPY, NON-DEFINITIVE												
TIE IN	0			0	0	0	0	0				
Gyro	115.24	0.09	332.74	115	115.24	0.08	0.08 N	0.04 W	0.09	332.74	0.08	288.74
	206.97	0.65	355.94	92	206.97	0.66	0.66 N	0.11 W	0.67	350.48	0.61	25.29
	298.22	0.94	3.54	91	298.21	1.93	1.93 N	0.10 W	1.93	356.98	0.34	-386.19
	390.37	1.18	44.29	92	390.34	3.36	3.36 N	0.61 E	3.41	10.25	0.84	44.22
	443.00	1.30	89.01	53	442.96	3.76	3.76 N	1.58 E	4.08	22.84	1.80	84.97