

366

BOPCO, L.P.  
201 MAIN ST.  
FORT WORTH, TEXAS 76102-3131  
817/390-8400

November 3, 2015

RECEIVED OGD  
2015 NOV -4 P 3:38

**FEDERAL EXPRESS**

Bureau of Land Management  
Carlsbad District Office  
620 E. Green St.  
Carlsbad, New Mexico 88220  
Attn: Mr. Ed Fernandez

New Mexico State Land Office  
Commissioner of Public Lands  
310 Old Santa Fe Trail  
Santa Fe, New Mexico 87501  
Attention: Mr. Pete Martinez

New Mexico Oil Conservation Division  
1220 St. Francis  
Santa Fe, New Mexico 87505  
Attention: Mr. William Jones

Re: Commercial Determination  
PLU CVX JV Big Sinks #024H (12-25-30)  
1<sup>st</sup> Bone Spring Shale  
Eddy County, New Mexico

Gentlemen:

Please find attached hereto one (1) copy of Bass' commercial determination worksheets and exhibits which indicate that the subject well is a commercial producer in the 1<sup>st</sup> Bone Spring Shale. Should you be in agreement that the 1<sup>st</sup> Bone Spring Shale is commercial, please signify by executing one (1) copy of this letter in the space provided below and returning same to the undersigned at your earliest convenience.

Thank you very much and should you have any questions or comments in regard to the attached commercial determination, please do not hesitate to contact the undersigned.

Very truly yours,

  
R. Travis Mears

Bureau of Land Management

New Mexico State Land Office

New Mexico Oil Conservation Division

By: \_\_\_\_\_

By: \_\_\_\_\_

By: \_\_\_\_\_

Its: \_\_\_\_\_

Its: \_\_\_\_\_

Its: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_



## INTER-OFFICE MEMORANDUM

---

**TO:** Ross Sutton  
**FROM:** Bryce Bezant  
**DATE:** 10/23/2015  
**RE:** Commercial Determination  
PLU CVX JV Big Sinks #024H (12-25-30)  
Poker Lake Unit (1<sup>st</sup> Bone Spring Shale)  
Eddy County, New Mexico

Attached are the worksheets and necessary exhibits for the subject well to be submitted for commercial determination. The Big Sinks #024H was drilled in 2014 to a total depth of 14,545' laterally completed in the 1<sup>st</sup> Bone Spring Shale reservoir. The well is producing from perforations 9,554'-14,505'. On test 3/20/2014 the well flowed at the rate of 284 BOPD, 319 MCFD, and 2009 BWPD. This well has an expected recovery of approximately 355 MBOE (13:1 mcf/bbl) from the current completion.

The capital investment was taken from the AFE report and operating costs from the LIOR statement which included water hauling charges. The most recent strip price file was utilized adjusting for current area differentials. The Big Sinks #024H will be a **commercial well** and should be incorporated into a participating area.

  
R. Bryce Bezant, P.E.

RBB/tah

Cc: Travis Mears  
Tom McCarthy  
Steve Johnson

# ECONOMIC PROJECTION

Date : 10/23/2015

Lior: 1004621

2:47:34PM

Project Name : 7-1-2014 NSAI Review For BOPCO, LP

As Of Date : 04/01/2013

Lease Name : 1004621/PLU CVX JV BS/024H/1ST

Partner : All cases

Discount Rate (%) : 5.00

Reserv Cat. : Proved Producing

Case Type : LEASE CASE

1004621/PLU CVX JV BS/024H/1ST

Field : WILDCAT G-06 S2533020;BONE SPRIN

Archive Set : NS0715

Operator : BOPCO

Cum Oil (Mbbbl) : 0.00

Reservoir : 1ST BONE SPRING SHALE

Cum Gas (MMcf) : 0.00

Co., State : EDDY, NM

Risk: 0.000 Inherited/ 0.000 Compounded

| Year | Gross Wet Production |                | Gross Dry Gas & NGL |            | Sales       |            |            |
|------|----------------------|----------------|---------------------|------------|-------------|------------|------------|
|      | Oil (Mbbbl)          | Wet Gas (MMcf) | Dry Gas (MMcf)      | NGL (Mgal) | Oil (Mbbbl) | Gas (MMcf) | NGL (Mgal) |
| 2013 | 0.000                | 0.000          | 0.000               | 0.000      | 0.000       | 0.000      | 0.000      |
| 2014 | 66.127               | 247.237        | 142.656             | 961.752    | 61.763      | 133.240    | 898.276    |
| 2015 | 32.196               | 150.696        | 86.952              | 586.209    | 30.071      | 81.213     | 547.519    |
| 2016 | 19.943               | 99.219         | 57.249              | 385.962    | 18.626      | 53.471     | 360.488    |
| 2017 | 14.894               | 72.138         | 41.624              | 280.617    | 13.911      | 38.877     | 262.097    |
| 2018 | 12.034               | 56.824         | 32.787              | 221.044    | 11.240      | 30.623     | 206.455    |
| 2019 | 10.160               | 46.888         | 27.054              | 182.394    | 9.489       | 25.269     | 170.356    |
| 2020 | 8.850                | 40.018         | 23.090              | 155.670    | 8.266       | 21.566     | 145.396    |
| 2021 | 7.826                | 34.740         | 20.045              | 135.140    | 7.309       | 18.722     | 126.221    |
| 2022 | 7.046                | 30.764         | 17.751              | 119.672    | 6.581       | 16.579     | 111.774    |

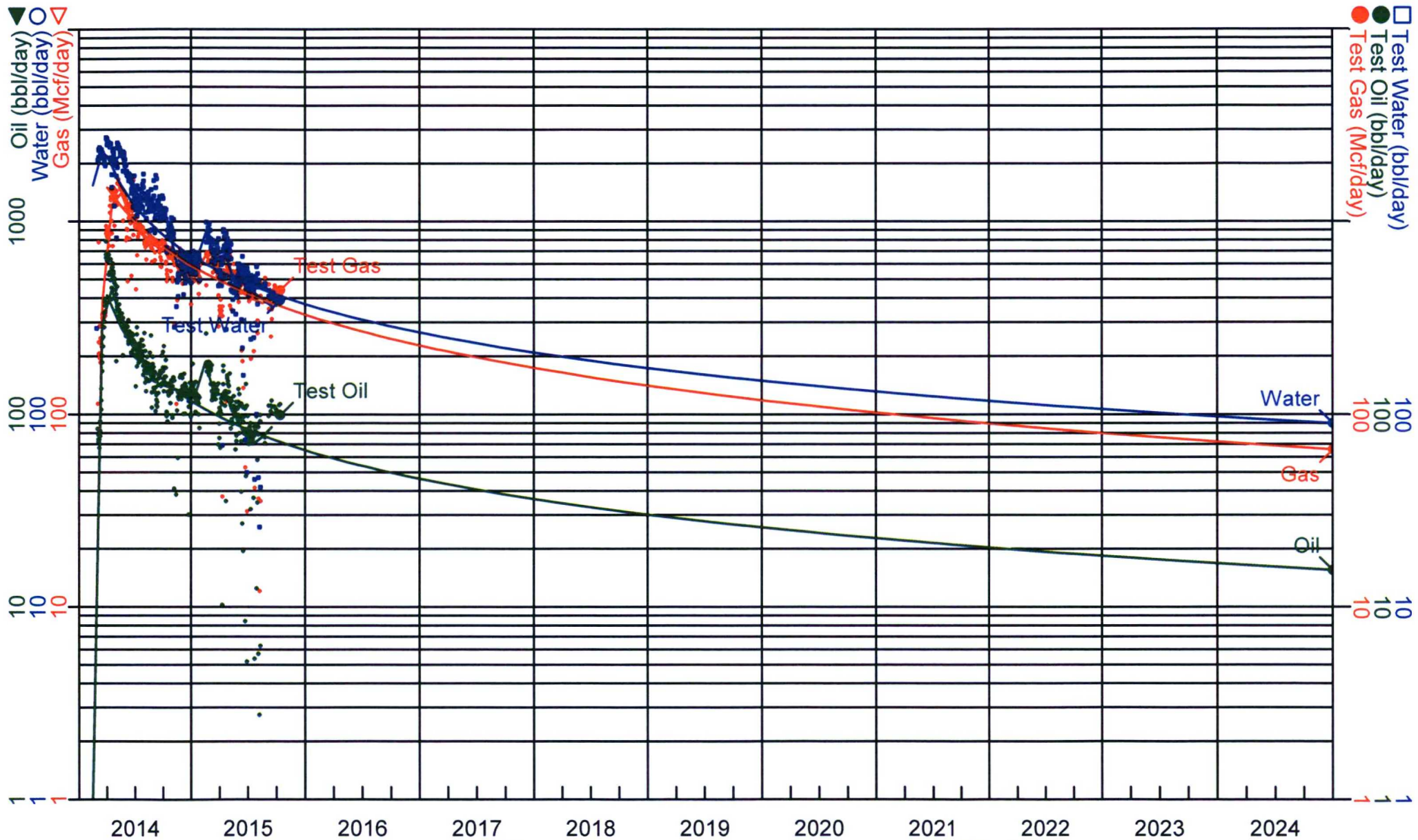
|       |         |           |         |           |         |         |           |
|-------|---------|-----------|---------|-----------|---------|---------|-----------|
| Rem   | 88.078  | 360.326   | 207.908 | 1,441.476 | 82.265  | 194.186 | 1,346.339 |
| Total | 267.154 | 1,138.850 | 657.116 | 4,469.936 | 249.522 | 613.747 | 4,174.920 |
| Ult.  | 267.154 | 1,138.850 |         |           |         |         |           |

| Year  | Average Price |              |              | Net Revenue |           |           |             |
|-------|---------------|--------------|--------------|-------------|-----------|-----------|-------------|
|       | Oil (\$/bbl)  | Gas (\$/Mcf) | NGL (\$/gal) | Oil (M\$)   | Gas (M\$) | NGL (M\$) | Total (M\$) |
| 2013  | 0.00          | 0.00         | 0.00         | 0.00        | 0.00      | 0.00      | 0.00        |
| 2014  | 90.45         | 4.14         | 0.79         | 5,586.31    | 550.99    | 710.26    | 6,847.55    |
| 2015  | 47.44         | 2.65         | 0.41         | 1,426.57    | 214.85    | 225.63    | 1,867.04    |
| 2016  | 46.64         | 2.72         | 0.40         | 868.79      | 145.50    | 143.27    | 1,157.56    |
| 2017  | 49.78         | 2.94         | 0.40         | 692.51      | 114.16    | 104.17    | 910.83      |
| 2018  | 52.00         | 3.00         | 0.40         | 584.51      | 91.92     | 82.05     | 758.48      |
| 2019  | 53.86         | 3.06         | 0.40         | 511.05      | 77.34     | 67.71     | 656.10      |
| 2020  | 55.27         | 3.18         | 0.40         | 456.84      | 68.49     | 57.79     | 583.12      |
| 2021  | 56.03         | 3.32         | 0.40         | 409.53      | 62.08     | 50.17     | 521.77      |
| 2022  | 56.55         | 3.47         | 0.40         | 372.20      | 57.52     | 44.42     | 474.14      |
| Rem   | 57.19         | 4.15         | 0.40         | 4,704.82    | 805.23    | 535.09    | 6,045.13    |
| Total | 62.57         | 3.57         | 0.48         | 15,613.12   | 2,188.06  | 2,020.55  | 19,821.73   |

| Year  | Expenditures          |                       |                       |                         | Future Net Revenue |                  |                            |                            |
|-------|-----------------------|-----------------------|-----------------------|-------------------------|--------------------|------------------|----------------------------|----------------------------|
|       | Total Sev Taxes (M\$) | Total Adv Taxes (M\$) | Net Investments (M\$) | Total Net Opcosts (M\$) | Annual (M\$)       | Cumulative (M\$) | Disc. Ann. CF 5.00 % (M\$) | Cum. Disc. CF 5.00 % (M\$) |
| 2013  | 0.00                  | 0.00                  | 5,182.49              | 0.00                    | -5,182.49          | -5,182.49        | -5,140.43                  | -5,140.43                  |
| 2014  | 444.41                | 11.83                 | 0.00                  | 833.07                  | 5,558.24           | 375.75           | 5,241.35                   | 100.92                     |
| 2015  | 154.04                | 3.70                  | 0.00                  | 717.99                  | 991.32             | 1,367.07         | 891.94                     | 992.86                     |
| 2016  | 95.60                 | 2.29                  | 0.00                  | 644.58                  | 415.09             | 1,782.15         | 354.99                     | 1,347.86                   |
| 2017  | 75.22                 | 1.80                  | 250.00                | 351.84                  | 231.96             | 2,014.12         | 184.76                     | 1,532.62                   |
| 2018  | 62.61                 | 1.50                  | 0.00                  | 279.38                  | 414.98             | 2,429.10         | 321.48                     | 1,854.10                   |
| 2019  | 54.15                 | 1.30                  | 0.00                  | 265.27                  | 335.38             | 2,764.47         | 247.42                     | 2,101.52                   |
| 2020  | 48.12                 | 1.16                  | 0.00                  | 255.40                  | 278.43             | 3,042.91         | 195.62                     | 2,297.13                   |
| 2021  | 43.06                 | 1.04                  | 0.00                  | 247.67                  | 230.00             | 3,272.91         | 153.88                     | 2,451.01                   |
| 2022  | 39.14                 | 0.94                  | 0.00                  | 241.79                  | 192.27             | 3,465.18         | 122.51                     | 2,573.53                   |
| Rem   | 499.63                | 12.00                 | 0.00                  | 6,590.43                | -1,056.93          | -1,056.93        | 30.43                      | 30.43                      |
| Total | 1,516.00              | 37.57                 | 5,432.49              | 10,427.43               | 2,408.25           | 2,408.25         | 2,603.95                   | 2,603.95                   |

|                   |                        |                                |             |                                    |           |
|-------------------|------------------------|--------------------------------|-------------|------------------------------------|-----------|
| Major Phase :     | Gas                    | Working Int :                  | 1.00000000  | <b>Present Worth Profile (M\$)</b> |           |
| Perfs :           | 0 0                    | Revenue Int :                  | 0.93400000  |                                    |           |
| Initial Rate :    | 36,632.00 Mcf/month    | Disc. Initial Invest. (m\$) :  | 5,346.962   | 5.00% :                            | 2,603.95  |
| Abandonment :     | 304.17 Mcf/month       | Internal ROR (%) :             | 33.28       | 9.00% :                            | 2,140.07  |
| Initial Decline : | 87.00 % year b = 1.000 | ROI Investment (disc/undisc) : | 1.49 / 1.44 | 10.00% :                           | 2,014.82  |
| Beg Ratio :       | 0.37 bbl/Mcf           | Years to Payout :              | 1.69        | 12.00% :                           | 1,770.00  |
| End Ratio :       | 0.25 bbl/Mcf           | Abandonment Date :             | 06/10/2054  | 15.00% :                           | 1,428.36  |
| Forecast Start :  | 04/01/2014             |                                |             | 20.00% :                           | 937.26    |
|                   |                        | Initial                        | 1st Rev.    | 30.00% :                           | 193.69    |
|                   |                        | Working Interest :             | 0.00000000  | 40.00% :                           | -341.08   |
|                   |                        | Revenue Interest :             | 0.93400000  | 50.00% :                           | -747.29   |
|                   |                        | Rev. Date :                    |             | 60.00% :                           | -1,068.13 |





NS0715 Gas(ARPs)  
Segment: 1 of 1  
Cum: 0 Mcf  
Rem: 1,138,850 Mcf  
EUR: 1,138,850 Mcf  
04/01/2014 - 06/10/2054  
Q1: 45,625 / Qact: 36,632  
Qf: 304  
D: 87.000 / Dmin: 6.000  
B: 1.00000

NS0715 Water(ARPs)  
Segment: 1 of 1  
Cum: 0 bbl  
Rem: 1,574,260 bbl  
EUR: 1,574,260 bbl  
04/01/2014 - 06/10/2054  
Q1: 66,845 / Qact: 60,584  
Qf: 436  
D: 97.000 / Dmin: 6.000  
B: 1.20000

NS0715 Oil(ARPs)  
Segment: 1 of 1  
Cum: 0 bbl  
Rem: 267,154 bbl  
EUR: 267,154 bbl  
04/01/2014 - 06/10/2054  
Q1: 12,630 / Qact: 13,398  
Qf: 75  
D: 98.000 / Dmin: 6.000  
B: 1.20000

# WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

## WELL DATA

WELL \_\_\_\_\_ PLU CVX JV BIG SINKS #024H (12-25-30) \_\_\_\_\_ FORMATION \_\_\_\_\_ BONE SPRING \_\_\_\_\_  
 LOCATION \_\_\_\_\_ UNIT, \_\_\_\_\_ 165 \_\_\_\_\_ FEET FROM \_\_\_\_\_ SOUTH \_\_\_\_\_ LINE & \_\_\_\_\_ 1160 \_\_\_\_\_ FEET FROM \_\_\_\_\_ WEST \_\_\_\_\_ LINE \_\_\_\_\_  
 SECTION \_\_\_\_\_ 1 \_\_\_\_\_ TOWNSHIP \_\_\_\_\_ 25S \_\_\_\_\_ RANGE \_\_\_\_\_ 30E \_\_\_\_\_ COUNTY \_\_\_\_\_ Eddy \_\_\_\_\_, NEW MEXICO \_\_\_\_\_  
 SPUD DATE \_\_\_\_\_ 8/8/2013 \_\_\_\_\_ COMPLETION DATE \_\_\_\_\_ 1/7/2014 \_\_\_\_\_ INITIAL PRODUCTION \_\_\_\_\_ 1/10/2014 \_\_\_\_\_  
 PERFORATIONS \_\_\_\_\_ 9554-14505 \_\_\_\_\_  
 BHL: 52' FSL & 668' FWL SEC 12 T25S R30E \_\_\_\_\_  
 STIMULATION: \_\_\_\_\_

ACID \_\_\_\_\_

FRACTURE \_\_\_\_\_ See Attached \_\_\_\_\_

POTENTIAL \_\_\_\_\_ (3/20/2014): 284 BOPD, 319 MCFPD, 2009 BWPD \_\_\_\_\_

(Attach Copy of C-105. Attach Copy of Wellbore Sketch of Completed Well.)

## VOLUMETRIC CALCULATION

|                                       | SANDS PERFORATED | POTENTIALLY PRODUCTIVE |
|---------------------------------------|------------------|------------------------|
| Area (A) proration unit size, acres   | 160              |                        |
| Porosity ( $\Phi$ ), %                | 8.8%             |                        |
| Water saturation ( $S_w$ ), %         | 23%              |                        |
| Net Thickness (H), ft.                | 65               |                        |
| Temperature (T), Fahrenheit           | 140              |                        |
| Bottom Hole pressure (P), psia        | 4,370            |                        |
| Recovery factor (RF), %               | 12%              |                        |
| Recoverable oil, MBO *(See eq. below) | 305.1            |                        |

\*Sometimes unable to match performance due to volumetric uncertainty or low recovery efficiency of shale gas wells.

Formula =  $((7758 \text{ rb/ac-ft}) (\text{por}) (1-S_w) / (\text{Boi rbo/stb})(\text{RF})(A) (h)) / 1000 \text{ bo/Mbo}$  Boi = 2.15 rb/stb

### PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

|                             |                            |               |         |                |         |
|-----------------------------|----------------------------|---------------|---------|----------------|---------|
| CUMULATIVE PRODUCTION TO    | <u>9/30/2015</u>           | <u>91,983</u> | BBL Oil | <u>365,686</u> | MCF Gas |
| INITIAL RATE (qi)           | <u>2156 BOPD</u>           |               |         |                |         |
| ECONOMIC LIMIT (ql)         | <u>15 BOPD</u>             |               |         |                |         |
| HYPERBOLIC DECLINE RATE, dy | <u>n = 1.2, d = 95%/yr</u> |               |         |                |         |
| REMAINING MBO (Q) =         | <u>175</u>                 |               |         |                |         |
| ULTIMATE RECOVERABLE MBO    | <u>267</u>                 |               |         |                |         |

(Attach plat showing proration unit and participating area.)

### ECONOMIC

GROSS WELL COST \$2,072,996 (to the depth of formation completed)

COMPLETION COST \$3,109,494

GROSS TOTAL COST \$5,182,490

| YEAR      | GROSS OIL<br>MBO | BFIT NET<br>INCOME (\$M) | OPERATING COST (\$M)<br>INCL SEV & AD VAL TAX | 5% NET BFIT<br>DISCOUNTED<br>CASH FLOW |
|-----------|------------------|--------------------------|-----------------------------------------------|----------------------------------------|
| ZERO      |                  |                          |                                               |                                        |
| 1         | <u>0.000</u>     | <u>0.0</u>               | <u>0.0</u>                                    | <u>-5182.5</u>                         |
| 2         | <u>66.127</u>    | <u>6847.6</u>            | <u>1289.3</u>                                 | <u>5558.2</u>                          |
| 3         | <u>32.196</u>    | <u>1867.0</u>            | <u>875.7</u>                                  | <u>991.3</u>                           |
| 4         | <u>19.943</u>    | <u>1157.6</u>            | <u>742.5</u>                                  | <u>415.1</u>                           |
| 5         | <u>14.894</u>    | <u>910.8</u>             | <u>428.9</u>                                  | <u>232.0</u>                           |
| 6         | <u>12.034</u>    | <u>758.5</u>             | <u>343.5</u>                                  | <u>415.0</u>                           |
| 7         | <u>10.160</u>    | <u>656.1</u>             | <u>320.7</u>                                  | <u>335.4</u>                           |
| 8         | <u>8.850</u>     | <u>583.1</u>             | <u>304.7</u>                                  | <u>279.4</u>                           |
| 9         | <u>7.826</u>     | <u>521.8</u>             | <u>291.8</u>                                  | <u>230.0</u>                           |
| 10        | <u>7.046</u>     | <u>474.1</u>             | <u>281.9</u>                                  | <u>192.3</u>                           |
| REMAINDER | <u>88.078</u>    | <u>6045.1</u>            | <u>7102.1</u>                                 | <u>-1056.9</u>                         |
| TOTAL     | <u>267.154</u>   | <u>19821.7</u>           | <u>11981.0</u>                                | <u>2409.3</u>                          |

WELL IS COMMERCIAL



OCD Artesia

Form 3160-4  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NNNM030456

- 1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
 b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
 Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
891000303X2. Name of Operator  
BOPCO LPContact: TRACIE CHERRY  
E-Mail: tjcherry@basspet.com8. Lease Name and Well No.  
PLU BIG SINKS 12 25 30 USA 1H3. Address  
MIDLAND, TX 797023a. Phone No. (include area code)  
Ph: 432-221-73799. API Well No.  
30-015-41598-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

Sec 1 T25S R30E Mer NMP  
At surface SWSW 165FSL 1160FWL 32.091039 N Lat, 103.502139 W Lon  
Sec 12 T25S R30E Mer NMP  
At top prod interval reported below NWNW 354FNL 1102FWL  
Sec 12 T25S R30E Mer NMP  
At total depth SWSW 52FSL 668FWL

10. Field and Pool, or Exploratory  
WC G 06 S253002011. Sec., T., R., M., or Block and Survey  
or Area Sec 1 T25S R30E Mer NMP12. County or Parish  
EDDY13. State  
NM14. Date Spudded  
12/25/201315. Date T.D. Reached  
01/18/201416. Date Completed  
☐ D & A ☒ Ready to Prod.  
02/27/201417. Elevations (DF, KB, RT, GL)\*  
3367 GL18. Total Depth: MD  
TVD 14545  
934419. Plug Back T.D.: MD  
TVD20. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CBL CNL22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☐ No ☒ Yes (Submit analysis)

## 23. Casing and Liner Record (Report all strings set in well)

| Hole Size | Size/Grade    | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cementer Depth | No. of Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|---------------|-------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 17.500    | 13.375 H40    | 48.0        | 0        | 972         |                      | 1085                         | 328               | 0           |               |
| 11.000    | 8.625 J55     | 32.0        | 0        | 4028        |                      | 1900                         | 598               | 0           |               |
| 7.875     | 5.500 HCP-110 | 17.0        | 0        | 14540       | 5101                 | 2200                         | 645               | 2342        |               |
|           |               |             |          |             |                      |                              |                   |             |               |
|           |               |             |          |             |                      |                              |                   |             |               |
|           |               |             |          |             |                      |                              |                   |             |               |

## 24. Tubing Record

| Size  | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2.375 | 8880           |                   |      |                |                   |      |                |                   |

## 25. Producing Intervals

| Formation          | Top  | Bottom | Perforated Interval | Size  | No. Holes | Perf. Status |
|--------------------|------|--------|---------------------|-------|-----------|--------------|
| A) 1ST BONE SPRING | 9236 | 14545  | 9554 TO 14505       | 0.420 | 312       | OPEN         |
| B)                 |      |        |                     |       |           |              |
| C)                 |      |        |                     |       |           |              |
| D)                 |      |        |                     |       |           |              |

## 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

| Depth Interval | Amount and Type of Material                                   |
|----------------|---------------------------------------------------------------|
| 9554 TO 14545  | FRAC USING 143,536 TOTAL BBLs FLUID, TOTAL 4,046,520# PROPANT |
|                |                                                               |
|                |                                                               |

## 28. Production - Interval A

| Date First Produced | Test Date            | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 03/01/2014          | 03/20/2014           | 24           | →               | 284.0   | 319.0   | 2009.0    | 43.6                  |             |                   |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |
|                     |                      |              | →               | 284     | 319     | 2009      | 1123                  | POW         |                   |

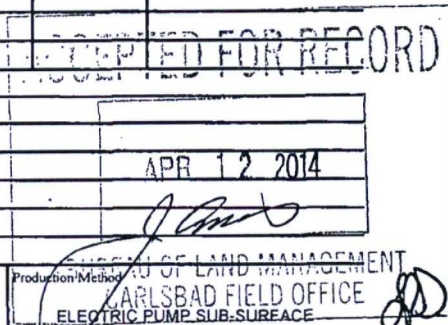
## 28a. Production - Interval B

| Date First Produced | Test Date            | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
|                     |                      |              | →               |         |         |           |                       |             |                   |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |
|                     |                      |              | →               |         |         |           |                       |             |                   |

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #240351 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Accepted for record  
NMOCD 4/17/14RECLAMATION  
DUE 8-27-14

RECEIVED

APR 16 2014

NMOCD ARTESIA

| 28b. Production - Interval C |                      |              |                 |         |         |           |                       |             |                   |
|------------------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Date First Produced          | Test Date            | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
| Choke Size                   | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |

| 28c. Production - Interval D |                      |              |                 |         |         |           |                       |             |                   |
|------------------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Date First Produced          | Test Date            | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
| Choke Size                   | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
CAPTURED

30. Summary of Porous Zones (Include Aquifers):  
Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

| Formation | Top | Bottom | Descriptions, Contents, etc. | Name                                                                               | Top Meas. Depth                              |
|-----------|-----|--------|------------------------------|------------------------------------------------------------------------------------|----------------------------------------------|
|           |     |        |                              | RUSTLER<br>SALADO<br>BASE OF SALT<br>BELL CANYON<br>CHERRY CANYON<br>BRUSHY CANYON | 1205<br>1296<br>3853<br>4088<br>4958<br>6310 |

32. Additional remarks (include plugging procedure):  
\*\*\*\*CONFIDENTIAL COMPLETION\*\*\*\*

33. Circle enclosed attachments:  
 1. Electrical/Mechanical Logs (1 full set req'd.)  
 2. Geologic Report  
 3. DST Report  
 4. Directional Survey  
 5. Sundry Notice for plugging and cement verification  
 6. Core Analysis  
 7. Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  
 Electronic Submission #240351 Verified by the BLM Well Information System.  
 For BOPCO LP, sent to the Carlsbad  
 Committed to AFMSS for processing by JAMES AMOS on 04/12/2014 (14JA1006SE)

Name (please print) TRACIE CHERRY Title REGULATORY ANALYST

Signature (Electronic Submission) Date 03/28/2014

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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***



## DISTRICT I

1625 N. French Dr., Hobbs, NM 88240  
Phone (505) 393-6161 Fax (505) 393-0720

## DISTRICT II

811 S. First St., Artesia, NM 88210  
Phone (505) 748-1283 Fax (505) 748-9720

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410  
Phone (505) 354-6178 Fax (505) 354-6170

## DISTRICT IV

1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone (505) 478-3480 Fax (505) 478-3482State of New Mexico  
Energy, Minerals and Natural Resources DepartmentForm C-102  
Revised August 1, 2011Submit one copy to appropriate  
District Office

## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

## WELL LOCATION AND ACREAGE DEDICATION PLAT

X AMENDED REPORT  
As drilled

|                            |                                             |                                                 |
|----------------------------|---------------------------------------------|-------------------------------------------------|
| API Number<br>30-015-41598 | Pool Code<br>97913                          | Pool Name<br>WILDCAT G-06 52530020; BONE SPRING |
| Property Code<br>40065     | Property Name<br>PLU BIG SINKS 12 25 30 USA | Well Number<br>1H                               |
| OGRID No.<br>260737        | Operator Name<br>BOPCO, L.P.                | Elevation<br>3367                               |

## Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| M             | 1       | 25 S     | 30 E  |         | 165           | SOUTH            | 1160          | WEST           | EDDY   |

## 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| M             | 12      | 25 S     | 30 E  |         | 52            | SOUTH            | 668           | WEST           | EDDY   |

|                        |                 |                    |           |
|------------------------|-----------------|--------------------|-----------|
| Dedicated Acres<br>160 | Joint or Infill | Consolidation Code | Order No. |
|------------------------|-----------------|--------------------|-----------|

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

**SURFACE LOCATION**  
 Lat - N 32°09'09.94"  
 Long - W 103°50'19.66"  
 NADSPCE - N 419647.4  
 E 653050.7  
 (NAD-27)

**BOTTOM HOLE LOCATION**  
 Lat - N 32°08'16.01"  
 Long - W 103°50'25.59"  
 NADSPCE - N 414195.7  
 E 652563.5  
 (NAD-27)

**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 undivided 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: Tracie J. Cherry Date: 03-28-14  
 Printed Name: Tracie J. Cherry  
 Email Address: ljcherry@basspet.com

**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 SURVEYED: FEBRUARY 14, 2013  
 Date Surveyed: \_\_\_\_\_  
 Signature of Professional Surveyor: \_\_\_\_\_  
 Certificate No.: 7977  
 Scale: 1" = 2000'  
 WO Num.: \_\_\_\_\_





# Downhole Profile - Vertical Wells

BOPCO, L.P. - West Texas

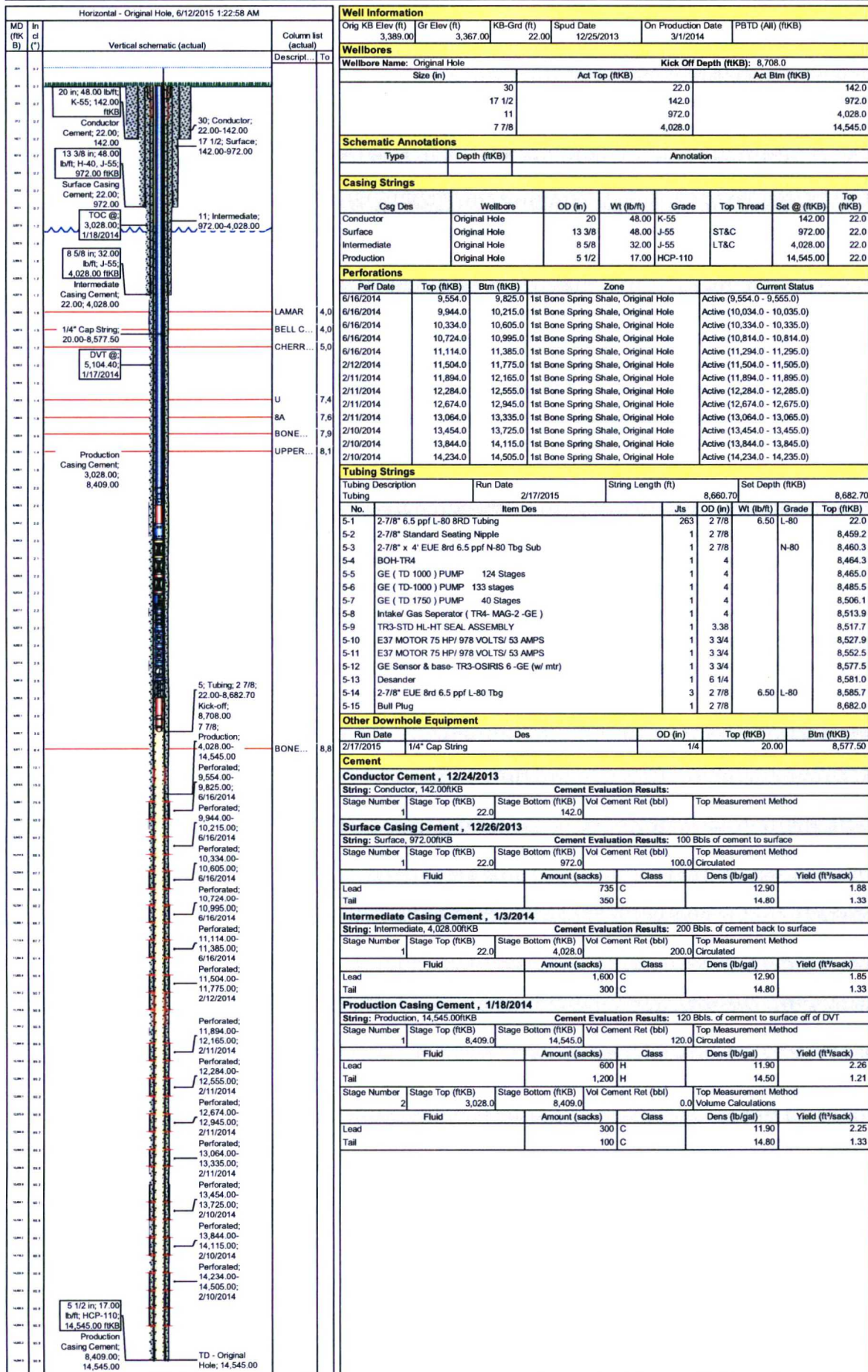
Well Name: POKER LAKE UNIT CVX JV BS #024H (12-25-30)

Well ID: 30-015-41598

Field: Undesignated (Bone Spring)

Sect: 12 Town: 25S Rng: 30E County: Eddy State: New Mexico

Surface Location: 165 FSL, 1160 FWL





# Schematic - Vertical Production

BOPCO, L.P. - West Texas

Well Name: POKER LAKE UNIT CVX JV BS #024H (12-25-30)

Well ID: 30-015-41598

Field: Undesignated (Bone Spring)

Sect: 12 Town: 25S Rng: 30E Eddy Co., State: New Mexico

Blk: Survey:

## Most Recent Job

| Job Category | Primary Job Type | Secondary Job Type | Job Start Date | Job End Date |
|--------------|------------------|--------------------|----------------|--------------|
| Maintenance  | Sub Pump         |                    | 2/16/2015      | 2/18/2015    |

