JUL **24** 2012

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED OMB NO 1004-0137 Expires October 31, 2014

| NMOCD ARTESIA TION OR RECOMPLETION REPORT AND LOG | | | | | | | | | | | l. | 5. Lease Serial No | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------|-----------------|------------------|----------------------------------------|--------------|--------------------------------|-------------------|----------------|-------------------|--------------------------------------|---------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--|
| | | | | | | | | | | | | NMNM030452 | | | | |
| la Type of Well | | | | | | | | | | 6 11 | 6 If Indian, Allottee or Tribe Name | | | | | |
| | | | | | | | | | | | 7. Unit or CA Agreement Name and No. | | | | | |
| 2. Name of | 2. Name of Operator | | | | | | | | | | | 891000303X 8. Lease Name and Well No. | | | | |
| 3. Address | BOPCO, L.P. | | | | | | | | | | | PLU Big Sinks 23-24-30 USAH 9. API Well No. | | | | |
| P O Box 2760 Midland Tx 79702 (432)683-2277 | | | | | | | | | | | | 30-015-39633 | | | | |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)* | | | | | | | | | | | | 10. Field and Pool or Exploratory Wildcat: G-065243026M;Bone Spring | | | | |
| At surfa | At surface ULB; 100' FNL 1980' FEL; Lat. N 32.21035388 | | | | | | | | | | | | 11. Sec, T., R, M., on Block and Survey or Area 23;24S;30E | | | |
| At top prod. interval reported below | | | | | | | | | | | | County | or Parish | 13. State | | |
| At total o | At total depth UL O; 23, 24S, 30E; 406' FSL 1925' FEL | | | | | | | | | | | | ms (DE DVI | | | |
| 14. Date Spudded 12/05/2011 15. Date T.D. Reached 12/25/2011 16. Date Completed 03/01/2012 17. Reached 12/25/2011 18. Ready to Prod. | | | | | | | | | | | | 17. Elevations (DF, RKB, RT, GL)* 3428 GL | | | | |
| 18. Total I | Depth: MI | D 12,730 D8,295 |) | 19. P | | MD 1 IVD | 2,639 | | 20. Depth B | ridge Plug | | MD IVD | | | | |
| 21. Type 1 | 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 22. Was well cored? | | | | | | | | | | ХN | о <u>П</u> | Yes (Submit | | | |
| HDIGR Directional Survey? | | | | | | | | | | N 🔯 | | Yes (Submit Yes (Submit | | | | |
| | | | | strings set in w | | 1 8 | Stage Cementer | No. | of Sks. & | Slurry | Vol I | | | | | |
| Hole Size | | Size/Grade Wt. (#/ft.) | | Top (MD) | Bottom (MD) | | Depth | Туре | of Cement | (BBI | (BBL) | | ent Top* | Amount Pi | illed | |
| 17-1/2 | 13-3/8 | | | 635 | | | | | CLC | 200 | | CIR | | | | |
| 12-1/4 7-7/8 | 8-5/8 J- 5-1/2 L | | | 4,061 12,730 | | 1 | 922 | 1,387 2 1,840 | | 450 | | 2,150 CBL | | | | |
| 7-776 | 3-1/2 L | ,80 0 | | 12,730 | | 4, | ,722 | 1,040 | FUZ | 477 | | 2,130 | CDL | | | |
| | | | | | - | _ | | | | | | | , | | | |
| | | | | | | | | | | | | | - | | | |
| 24. Tubin | g Record Depth | Set (MD) | Packe | r Depth (MD) | Size | T D | epth Set (MD) | Packer | Depth (MD) | Size | | Dent | h Set (MD) | Packer Dep | th (MD) | |
| 2-7/8 | 7,718 | | 7,688 | | | 1 | -pursur (2122) | | 2 tp.:. (1.22) | | | - Бер. | | 7 40.00, 200 | <u> </u> | |
| 25. Produc | ing Interval: Formatio | | - 1 | Тор | Bottom | 26 | Perforation I Perforated In | | | Size | No. H | Tolon | | Perf Status | | |
| A)Bone S | A)Bone Spring | | | 08 | 7,946 | 8,2 | 255-12,681 | | | - | Ports | | Producing | | | |
| В) | B) | | | | | | | | | | | | | | | |
| <u>C)</u> | | | | | | | | | | | | | | | | |
| D) | | | | | <u> </u> | | | | | | | | | | | |
| 21. Acid, 1 | Fracture, Tre Depth Inter | | ment Squ | ieeze, etc. | | | | Amount | and Type of I | Material | | | | | | |
| 8,255 - 1 | 2,681 | · | | | 00 Mesh Sand | | | | | | | | Ottawa S | Sand; | | |
| | | | 30/ | 50 Ottawa S | Sand; 17,902 | Line | ear Gel; 20,2 | 264 SI | lickwater; | 4785 X | K-Link(| Gel | | | ···· | |
| | | ¥ | | | ······································ | | | | | | | 10 | | AMATI | | |
| 28. Produc | tion - Interv | al A | | | | | | | · | | | <u></u> | NUE G | -1-17 | <u> </u> | |
| Date First Produced | Test Date | Hours Tested | Test Product | Oil tion BBL | | Vater BBL | Oil Grav Corr. Al | | Gas Gravity | Produ | ction Me | ethod | UE S | | | |
| 3/2/12 | 3/9/12 | 24 | - | 726 | 1 | 903 | Con. Ai | , | Olavity | Flov | vina | | | | | |
| Choke | Tbg. Press | 1 | 24 Hr. | Oil | | Vater | Gas/Oıl | | Well Stat | | VIIIS | | | | | |
| Size | Flwg | Press | Rate | BBL | MCF E | BBL | Ratio | | 1 _ | FORTER FOR DECORD | | | | | | |
| 48/64 | 480 | 0 | | 726 | 1658 | 903 | 2284 | | P.O.W. | KUUL | PIL | יז ע | UN IVL | 0000 | ·· | |
| 28a. Produ | | Hours | Test | Oil | Gas V | Vater | ter Oil Gravity | | Gas Produ | | ction Me | ethod | | | | |
| Produced | | Tested | Product | tion BBL | | BBL | | Corr. API Gravity | | | | | 2 102 | | 1 | |
| Choke | Tbg. Press | | 24 Нг. | Oil | | Vater | Gas/Oil | | Well Stati | us | 17 | 2 | <u> </u> | | | |
| Size | Flwg SI | Press. | Rate | BBL | MCF B | BBL | Ratio | | | اِ | PU | 770 | ID NAMIAC | EMENT | | |
| +/0 | | <u></u> | | | | | | | | BUR | FAU 0 | F LAN | ID MANAC | JULE TO THE STATE OF THE STATE | | |
| *(See inst | ructions and | spaces for | addition | al data on page | 2) | | | | ł | | CARLS | RADI | FIELD OFF | 1 47 14 | ٠ _ ـ | |

| · · | | | | | | | | | | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|------------------------------|--------------------|------------------------------|---------------------------------------|------------------------------------|------------------------------|------------|----------------|---------------------------------------|------------------|--|--|--|--|
| 28b. Production - Interval C | | | | | | | | | | | | | | | |
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Grav Corr. AF | | 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 | | | | | | |
| | uction - Inte | | | | · · · · · · · · · · · · · · · · · · · | | I | | · · | Production Method | | | | | |
| | | | Gas MCF | Water BBL | Oil Grav Corr. AF | | Gas Gravity | | | | | | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | | Well Status | 'ell Status | | | | | |
| 29. Dispos | sition of Gas | Solid, use | ed for fuel, ve | nted, etc.) | | | | | | | | | | | |
| Sold | | | | | | | | | | | | | | | |
| 30. Sumn | 30. Summary of Porous Zones (Include Aquifers): | | | | | | | | | 31. Formation (Log) Markers | | | | | |
| Show a includi recover | ng depth int | t zones of p erval tested | orosity and co | ontents ther d, time tool | eof: Cored into open, flowing | ervals and all d and shut-in pr | drill-stem to essures and | ests, d | | | | | | | |
| Formation | | Тор | Bottom | | Descrip | Descriptions, Contents, etc. | | | Name | | Top Meas. Depth | | | | |
| | | | | | | | | | Rustler | · · · · · · · · · · · · · · · · · · · | 573 | | | | |
| | | } | | l | | | | | Top of Sa | 1 t | 918 | | | | |
| | | | | | | | | | Base of Sa | | 3863 | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | Bell Cany | | 4108 | | | | |
| | | | | ļ | | | | | | nyon | 4989 | | | | |
| | | 1 | 1 | ŀ | • | | | | Brushy Ca | anyon | 6299 | | | | |
| | | | | | | | | | 1st B.S. C | arbonate | 7946 | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | <u> </u> | | | | | | | | | | | | | |
| 32. Additional remarks (include plugging procedure): 2-7/8" EUE 6.40 ppf L-80 tubing; COO effective 2.23.12 8-5/8" csg. @ 4,061' and not 4,065' as listed on the Sundry filed 12/20/11 | | | | | | | | | | | | | | | |
| 33. Indicate which items have been attached by placing a check in the appropriate boxes: | | | | | | | | | | | | | | | |
| | | | | | ` | - | | 1 mam - | | RC71 | | | | | |
| ☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☒ Directional Survey ☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other | | | | | | | | | | | | | | | |
| 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)* | | | | | | | | | | | | | | | |
| Name (please print) Sandra J. Belt ext. 7379 Title Sr. Regulatory Clerk Date 07/16/2012 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 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. | | | | | | | | | | | | | | | |