| Submit 3 Copies To Appropriate District Office  | State of New Mexic   |   | Form C-103   |
|---|--|---|--|
| 1625 N. French Dr., Hobbs, NM 88240   | Energy, Minerals and Natural                                       | WE  | May 27, 2004<br>ELL API NO.  |
| District II 1301 W. Grand Ave., Artesia, NM 88210 District III  | OIL CONSERVATION D   | IVISION $\frac{30-}{5}$                                 | 025-30646<br>Indicate Type of Lease  |
| 1301 W. Grand Ave., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 874446 <u>District IV</u> 1220 S. St. Francis Dr. Santa Fe, NM   | Santa Fe, NM 8750  | )5 <u>6.</u> 3  | STATE FEE State Oil & Gas Lease No.  |
| 87505 MAR   | 1 2 2019   | V-2   | 469  |
| SUNDRY NOTICES A<br>(DO NOT USE THIS FORM FOR PROPOSALS T<br>DIFFERENT RESERVOIR. USE "APPLIED OF THE PROPOSALS TO THE PROP | AND REPORTS ON WELLS   | BACK TO A State   | Lease Name or Unit Agreement Name te K   |
| PROPOSALS.)   | Vell  Other  | 8.  | Well Number  |
| 2. Name of Operator   | ven outer  | 9. (  | OGRID Number   |
| Marathon Oil Permian, LLC  3. Address of Operator   |  |   | Pool name or Wildcat   |
| 5555 San Felipe Houston, TX 77056   |  | Lan   | ne Abo   |
| 4. Well Location Unit Letter H : 1930 fee   | et from the N line 660 f   | eet from the E lin                                      | e  |
| Section 2 Townshi   | ip 10S Range 33E   | NMPM  | County LEA   |
|   | Elevation (Show whether DR, RI<br>4257 KB                          | KB, RT, GR, etc.)                                       |  |
| Pit or Below-grade Tank Application or Closu  | re 🗌   |   |  |
|   | Distance from nearest fresh wate elow-Grade Tank: Volume           | r well Distance f  bbls; Construc                       |  |
|   | priate Box to Indidate Natu  |   |  |
| NOTICE OF INTEN   | J 0 M  | · -   | QUENT REPORT OF:   |
| PERFORM REMEDIAL WORK   PLU TEMPORARILY ABANDON   CHA   | JG AND ABANDON ⊠ RANGE PLANS □ C                                   | REMEDIAL WORK<br>COMMENCE DRILLING<br>CASING/CEMENT JOE | ☐ ALTERING CASING ☐ ☐ G OPNS.☐ P AND A ☐   |
| OTHER:  |  | OTHER:  | П  |
|   |  |   | e pertinent dates, including estimated date wellbore diagram of proposed completion            |
| 1. 4 ½ CIBP @ 8650' w/30sx.   |  |   |  |
| <ol> <li>35sx 5374' - 5274' &amp; P.S.</li> <li>40sx 4020' - 3920' &amp; P.S &amp; tag.</li> </ol>  | > SPOT MLF   | Between PL  | ·ugc   |
| 4. 35sx 2683' – 2583' & P.S & tag. 5. 85sx 2436' – 2136' & P.S.   |  |   | 1)   |
| 6. 120sx 425' – Surf & P.S & verify   | . Install DHM. BeLow grou  | end marker L  | PCA  |
|   | Send pics after a<br>Before B                                      | cut wellhead  | and of MARKer  |
|   | before B   | ack fice  |  |
|   | See Attac  | hed   |  |
| P&A mud between all plugs.  | Conditions of  |   |  |
| Closed loop. All fluids to licensed facility.   |  | (phioral  |  |
| I hereby certify that the information above grade tank has been/will be constructed or closed a   | is true and complete to the best according to NMOCD guidelines , a | of my knowledge and<br>general permit □ or an           | belief. I further certify that any pit or below-<br>(attached) alternative OCD-approved plan . |
| SIGNATURE BY THE  | TITLEAg  | gent  | DATE3-12-19  |
| Type or print name: Brody Pinkerton  For State Use Only   | E-mail address: Brody@maveric                                      | kwellpluggers.com                                       | Telephone No.: 432-458-3780  |
| APPROVED BY: Kerry Forther Conditions of Approval (if any):   | TITLE <u>Cov</u>   | pliance Offer   | Cen A DATE 3-21-19   |

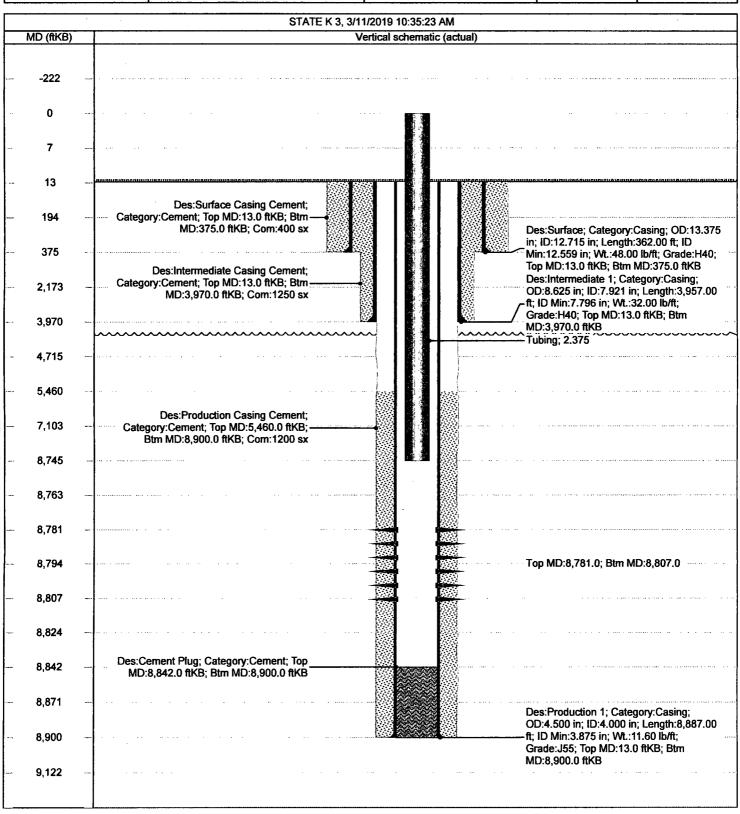


## **Wellbore Schematic**

Well Name: STATE K 3

30-025-30646

| State/Province          | Prospect Area  | Field Name |             | Well Subtype | Lat/Long Datum | Latitude (°)          | Longitude (°)           |
|-------------------------|----------------|------------|-------------|--------------|----------------|-----------------------|-------------------------|
| NEW MEXICO              |                | LANE       |             | OIL WELL     | NAD27          | 33.477704             | -103.531465             |
| Well Configuration Type | Well Objective |            | Well Status | 3            |                | Ground Elevation (ft) | KB-Ground Distance (ft) |
|                         | I              |            | PRODU       | CING         | ŀ              | 4,244.00              | 13.00                   |



Prior to PAA

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## Marathon Oil

## Wellbore Schematic

Well Name: STATE K 3

30-025-30646

| State/Province          | Prospect Area  | Field Name |             | Well Subtype | Lat/Long Datum | Latitude (*)         | Longitude (°)           |
|-------------------------|----------------|------------|-------------|--------------|----------------|----------------------|-------------------------|
| NEW MEXICO              |                | LANE       |             | OIL WELL     | NAD27          | 33.477704            | -103.531465             |
| Well Configuration Type | Well Objective |            | Well Status | 3            | G              | round Elevation (ft) | KB-Ground Distance (ft) |
|                         |                |            | IPRODU      | CING         | 4              | ,244.00              | 113.00                  |

| STATE K 3, 3/11/2019 10:35:23 AM   Wertical schematic (actual)   | th:362.00 ft; ID<br>3.00 lb/ft; Grade:H40; |
|--|--|
| MD (fiKB)  Vertical schematic (actual)  7  1205X P.5 Ver, fy  13  Des:Surface Casing Cement; Category:Cement; Top MD:13.0 fiKB; Btm MD:375.0 fiKB; Com:400 sx  MD:375.0 fiKB; Com:400 sx  Des:Intermediate Casing Cement; Category:Cement; Top MD:13.0 fiKB; Btm Des:Intermediate Casing Cement; Category:Cement; Top MD:13.0 fiKB; Btm Des:Intermediate Top MD:13.0 fiKB; Btm OD:8.625 in; ID:7.921  Tip ID:12.715 in; M:48  Top MD:13.0 fiKB; Btm Des:Intermediate Top MD:13.0 fiKB; Btm OD:8.625 in; ID:7.921  Tip ID:7.976 in; M Grade:H40; Top MD:13.0 fixB; Btm OD:8.625 in; ID:7.921  | th:362.00 ft; ID<br>3.00 lb/ft; Grade:H40; |
| 13  Des:Surface Casing Cement; Category:Cement; Top MD:13.0 ftKB; Btm  MD:375.0 ftKB; Com:400 sx  Des:Intermediate Casing Cement; Category:Cement; Top MD:13.0 ftKB; Btm  Des:Intermediate Casing Cement; Category:Cement; Top MD:13.0 ftKB; Btm  Des:Intermediate Casing Cement; Category:Cement; Top MD:13.0 ftKB; Btm  Des:Intermediate 1; Code of the code of  | th:362.00 ft; ID<br>3.00 lb/ft; Grade:H40; |
| 13  Des:Surface Casing Cement; Category:Cement, Top MD:13.0 ftKB; Btm  MD:375.0 ftKB; Com:400 sx  Jes:Intermediate Casing Cement; Category:Cement, Top MD:13.0 ftKB; Btm  Des:Intermediate Casing Cement; Category:Cement, Top MD:13.0 ftKB; Btm  Des:Intermediate Casing Cement; Category:Cement, Top MD:13.0 ftKB; Btm  Des:Intermediate 1; Cop MD:13.0 ftKB; Btm  Des:Intermediate 1; Cop MD:13.0 ftKB; Btm  Des:Intermediate 1; Cop MD:13.0 ftKB; Com:1250 sx  In it is in | th:362.00 ft; ID<br>3.00 lb/ft; Grade:H40; |
| 7  | th:362.00 ft; ID<br>3.00 lb/ft; Grade:H40; |
| Des:Surface Casing Cement;  Category:Cerment; Top MD:13.0 ftKB; Btm  MD:375.0 ftKB; Com:400 sx  Des:Surface; Categor in; ID:12.715 in; Leng  Min:12.559 in; Wt.:48  Top MD:13.0 ftKB; Btm  Des:Intermediate Casing Cement;  Category:Cement; Top MD:13.0 ftKB; Btm  Des:Intermediate 1; OD:8.625 in; ID:7.921  ft; ID Min:7.796 in; Wt.  335 3X 2683 - 2583  | th:362.00 ft; ID<br>3.00 lb/ft; Grade:H40; |
| Des:Surface Casing Cement;  Category:Cerment; Top MD:13.0 ftKB; Btm  MD:375.0 ftKB; Com:400 sx  Des:Surface; Categor in; ID:12.715 in; Leng  Min:12.559 in; Wt.:48  Top MD:13.0 ftKB; Btm  Des:Intermediate Casing Cement;  Category:Cement; Top MD:13.0 ftKB; Btm  Des:Intermediate 1; October 1; Des:Intermediate 1; October 2; Des:Intermediate 1; October 3; Des:Intermediate 1; | th:362.00 ft; ID<br>3.00 lb/ft; Grade:H40; |
| 194 Category:Cernent; Top MD:13.0 ftKB; Btm  MD:375.0 ftKB; Com:400 sx  375  Bes:Intermediate Casing Cement; Category:Cernent; Top MD:13.0 ftKB; Btm  MD:3,970.0 ftKB; Com:1250 sx  A 970  Category:Cernent; Top MD:13.0 ftKB; Btm  MD:3,970.0 ftKB; Com:1250 sx  Grade:H40; Top MD:1  | th:362.00 ft; ID<br>3.00 lb/ft; Grade:H40; |
| in; ID:12.715 in; Leng Min:12.559 in; Wt:48 Top MD:13.0 ftKB; Btm  Category:Cement; Top MD:13.0 ftKB; Btm  MD:3,970.0 ftKB; Com:1250 sx  3970  in; ID:12.715 in; Leng Min:12.559 in; Wt:48 Top MD:13.0 ftKB; Btm  OD:8.625 in; ID:7.921 -ft; ID Min:7.796 in; Wt  Grade:H40; Top MD:1  | th:362.00 ft; ID<br>3.00 lb/ft; Grade:H40; |
| 2,173 Category:Cement; Top MD:13.0 ftKB; Btm Des:Intermediate 1; OD:8.625 in; ID:7.921 OD:8.625 in; ID:7.921 ft; ID Min:7.796 in; WI Grade:H40; Top MD:1   |  |
| 3 970 Grade:H40; Top MD:1  | Category:Casing;<br>1 in; Length:3,957.00  |
|  |  |
| 4,715 405X 4020<br>P. S  | -3920<br>*TAG                              |
| 5,460  | te a second                                |
| Des:Production Casing Cement; 7,103 Category:Cement; Top MD:5,460.0 ftKB; Btm MD:8,900.0 ftKB; Com:1200 sx   | <u> </u>                                   |
| 8,745 355x 5374  | -5274                                      |
| 8,763  | RS.  |
| 8,781 CIBP @ 8650' WI 30   | GX.  |
| 8,794 Top MD:8,781.0; Btm  | MD:8,807.0                                 |
| 8,807  |  |
| 8,824  |  |
| 8,842 Des:Cement Plug; Category:Cement; Top MD:8,842.0 ftKB; Btm MD:8,900.0 ftKB   |  |
| 8,871  Des:Production 1; Cat  OD:4.500 in; ID:4.000  | tegory:Casing;                             |
| 8,900 —— ft; ID Min:3.875 in; Wt.<br>Grade:J55; Top MD:13<br>MD:8,900.0 ft/KB  | L:11.60 lb/ft;                             |
| 9,122 WID:8,900.0 IKB  |  |

AFter PXA

Report Printed: 3/11/2019

## **GENERAL CONDITIONS OF APPROVAL:**

- Insure all bradenheads have been exposed, identified, and valves are operational prior to rigging up on well.
- 2) Contact the appropriate NMOCD District Office no later than 24 hours prior to moving in and rigging up.
- 3) A copy of the approved C103 intent to P&A should be distributed to the onsite company and plugging representatives. Approved procedures are good for a period of one year from approved date, unless otherwise specified on the C103 intent. Approvals past this date will require the submission and approval of a new C103 intent.
- 4) A company representative is required to be present to witness all operations including setting CIBP's, circulation of mud laden fluids, perforating, squeezing or spotting cement plugs, tags, or any other operations approved on the C103 intent to P&A. Company representative should contact the NMOCD and report all operations.
- 5) Any changes that may be required during plugging operations should be approved by the NMOCD before proceeding.
- 6) A closed loop system is to be used for all plugging operations. Contents of the steel pits to be hauled to a NMOCD permitted disposal facility.
- 7) Mud laden fluids must be placed between all cement plugs mixed at 25 sacks of salt gel per 100 barrels of brine.
- 8) All cement plugs will be 100' or 25 sacks cement, whichever is greater. Class 'C' cement will be used above 7500' and Class 'H' below 7500'. Plugs should be no more than 3000' apart
- 9) Site remediation due within one year of well plugging completion.