

District I - (505) 393-6161

PO Box 1980

Hobbs, NM 88241-1980

District II - (505) 748-1283

811 S. First

Artesia, NM 88210

District III - (505) 334-6178

1000 Rio Brazos Road

Aztec, NM 87410

New Mexico

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street

Santa Fe, New Mexico 87505

(505) 827-7131

Form C-140

Originated 11/1/95

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Plus 2 Copies

to appropriate

District Office

H-0425  
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**APPLICATION FOR  
QUALIFICATION OF WELL WORKOVER PROJECT  
AND CERTIFICATION OF APPROVAL**

THREE COPIES OF THIS APPLICATION AND ALL ATTACHMENTS MUST BE FILED WITH THE APPROPRIATE DISTRICT OFFICE OF THE CONSERVATION DIVISION.

- I. Operator: Texaco Exploration & Production Inc OGRID #: 022351  
Address: 205 E. Bender Blvd.; Hobbs, New Mexico 88240  
Contact Party: Paula Ives Phone #: (505) 397-0432
- II. Name of Well: North Vacuum Abo West Unit #9 API #: 30 025 24064  
Location of Well: Unit Letter L, 1874 Feet from the South line and 766 feet from the West line,  
Section 22, Township 17S, Range 34, NMPM, Lea County
- III. Date Workover Procedures Commenced: 03-17-97  
Date Workover Procedures were Completed: 03-28-97
- IV. Attach a description of the Workover Procedures undertaken to increase the projection from the Well.  
Please see attached.
- V. Attach an estimate of the production rate of the Well (a production decline curve or other acceptable method, and table showing monthly oil and/or gas Project Production) based on at least twelve (12) months of established production which shows the future rate of production based on well performance prior to performing Workover.
- VI. Pool(s) on which Production Projection is based: North Vacuum Abo
- VII. AFFIDAVIT:

State of N. M. )  
 ) ss.  
County of Lea )

Russell S. Pool, being first duly sworn, upon oath states:

1. I am the Operator or authorized representative of the Operator of the above referenced Well.
2. I have made, or caused to be made, a diligent search of the production records which are reasonably available and contain information relevant to the production history of this Well.  
Restoration Project.
3. To the best of my knowledge, the data used to prepare the Production Projection for this Well is complete and accurate and this projection was prepared using sound petroleum engineering principles.

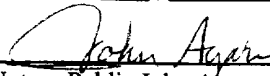
[Signature]  
(Name)

Senior Engineer Hobbs Operating Unit  
(Title)

[Signature]

North Vacuum Abo West Unit #9

SUBSCRIBED AND SWORN TO before me this 16th day of February, 1998.

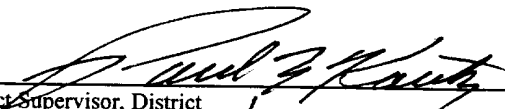
  
Notary Public John Ayers

My Commission expires: 2/29/2000

FOR OIL CONSERVATION DIVISION USE ONLY:

VIII. CERTIFICATION OF APPROVAL:

This Application for Qualification of Well Workover Project is hereby approved and the above referenced Well is designated as a Well Workover Project pursuant to the "Natural Gas and Crude Oil Production Incentive Act" (Laws 1995, Chapter 15, Sections 1 through 8). The Oil Conservation Division hereby verifies the Production projection for the Well Workover Project attached to this application. By copy of this Application and Certification of Approval, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project has been completed as of 03-28-97, 1997.

  
District Supervisor, District 1 **Geologist**  
Oil Conservation Division

Date: 02/20/98

IX. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT.  
DATE: \_\_\_\_\_

# Production Projection

Well Name & #:

North Vacuum Abo West Unit #9

Prior Oil Prod. Rate (BOPD):

13

Producing Formation:

North Vacuum Abo

Oil Decline Factor:

0.987318499

Oil Decline Rate (%):

14

Prior Gas Prod. Rate (MCFGD):

0

Gas Decline Rate (%):

52

Completion Date (m/yr):

Mar-97

Gas Decline Factor:

0.940668868

| Month  | Projected Oil<br>Production | Projected Gas<br>Production | Projected Cumulative<br>Oil Production | Projected Cumulative<br>Gas Production |
|--------|-----------------------------|-----------------------------|----------------------------------------|----------------------------------------|
| Mar-97 | 395                         | 0                           | 395                                    | 0                                      |
| Apr-97 | 390                         | 0                           | 785                                    | 0                                      |
| May-97 | 385                         | 0                           | 1171                                   | 0                                      |
| Jun-97 | 380                         | 0                           | 1551                                   | 0                                      |
| Jul-97 | 376                         | 0                           | 1927                                   | 0                                      |
| Aug-97 | 371                         | 0                           | 2297                                   | 0                                      |
| Sep-97 | 366                         | 0                           | 2663                                   | 0                                      |
| Oct-97 | 361                         | 0                           | 3025                                   | 0                                      |
| Nov-97 | 357                         | 0                           | 3382                                   | 0                                      |
| Dec-97 | 352                         | 0                           | 3734                                   | 0                                      |
| Jan-98 | 348                         | 0                           | 4082                                   | 0                                      |
| Feb-98 | 343                         | 0                           | 4425                                   | 0                                      |
| Mar-98 | 339                         | 0                           | 4764                                   | 0                                      |
| Apr-98 | 335                         | 0                           | 5099                                   | 0                                      |
| May-98 | 331                         | 0                           | 5430                                   | 0                                      |
| Jun-98 | 326                         | 0                           | 5756                                   | 0                                      |
| Jul-98 | 322                         | 0                           | 6078                                   | 0                                      |
| Aug-98 | 318                         | 0                           | 6396                                   | 0                                      |
| Sep-98 | 314                         | 0                           | 6710                                   | 0                                      |
| Oct-98 | 310                         | 0                           | 7020                                   | 0                                      |
| Nov-98 | 306                         | 0                           | 7327                                   | 0                                      |
| Dec-98 | 302                         | 0                           | 7629                                   | 0                                      |
| Jan-99 | 298                         | 0                           | 7927                                   | 0                                      |
| Feb-99 | 295                         | 0                           | 8222                                   | 0                                      |
| Mar-99 | 291                         | 0                           | 8513                                   | 0                                      |
| Apr-99 | 287                         | 0                           | 8800                                   | 0                                      |
| May-99 | 284                         | 0                           | 9084                                   | 0                                      |
| Jun-99 | 280                         | 0                           | 9364                                   | 0                                      |
| Jul-99 | 276                         | 0                           | 9640                                   | 0                                      |
| Aug-99 | 273                         | 0                           | 9913                                   | 0                                      |
| Sep-99 | 269                         | 0                           | 10183                                  | 0                                      |
| Oct-99 | 266                         | 0                           | 10449                                  | 0                                      |
| Nov-99 | 263                         | 0                           | 10711                                  | 0                                      |
| Dec-99 | 259                         | 0                           | 10971                                  | 0                                      |
| Jan-00 | 256                         | 0                           | 11227                                  | 0                                      |
| Feb-00 | 253                         | 0                           | 11480                                  | 0                                      |

# Production Projection

|        |     |   |       |   |
|--------|-----|---|-------|---|
| Mar-00 | 250 | 0 | 11729 | 0 |
| Apr-00 | 246 | 0 | 11976 | 0 |
| May-00 | 246 | 0 | 11976 | 0 |
| Jun-00 | 243 | 0 | 12219 | 0 |
| Jul-00 | 240 | 0 | 12459 | 0 |
| Aug-00 | 237 | 0 | 12697 | 0 |
| Sep-00 | 234 | 0 | 12931 | 0 |
| Oct-00 | 231 | 0 | 13162 | 0 |
| Nov-00 | 228 | 0 | 13390 | 0 |
| Dec-00 | 225 | 0 | 13616 | 0 |
| Jan-01 | 223 | 0 | 13838 | 0 |
| Feb-01 | 220 | 0 | 14058 | 0 |
| Mar-01 | 217 | 0 | 14275 | 0 |
| Apr-01 | 214 | 0 | 14489 | 0 |
| May-01 | 214 | 0 | 14489 | 0 |
| Jun-01 | 211 | 0 | 14700 | 0 |
| Jul-01 | 209 | 0 | 14909 | 0 |
| Aug-01 | 206 | 0 | 15115 | 0 |
| Sep-01 | 204 | 0 | 15319 | 0 |
| Oct-01 | 201 | 0 | 15520 | 0 |
| Nov-01 | 198 | 0 | 15718 | 0 |
| Dec-01 | 196 | 0 | 15914 | 0 |
| Jan-02 | 193 | 0 | 16107 | 0 |
| Feb-02 | 191 | 0 | 16298 | 0 |
| Mar-02 | 189 | 0 | 16487 | 0 |
| Apr-02 | 186 | 0 | 16673 | 0 |
| May-02 | 186 | 0 | 16673 | 0 |
| Jun-02 | 184 | 0 | 16857 | 0 |
| Jul-02 | 181 | 0 | 17038 | 0 |
| Aug-02 | 179 | 0 | 17217 | 0 |
| Sep-02 | 177 | 0 | 17394 | 0 |
| Oct-02 | 175 | 0 | 17569 | 0 |
| Nov-02 | 172 | 0 | 17741 | 0 |
| Dec-02 | 170 | 0 | 17911 | 0 |
| Jan-03 | 168 | 0 | 18079 | 0 |
| Feb-03 | 166 | 0 | 18245 | 0 |
| Mar-03 | 164 | 0 | 18409 | 0 |
| Apr-03 | 162 | 0 | 18571 | 0 |
| May-03 | 160 | 0 | 18731 | 0 |
| Jun-03 | 158 | 0 | 18888 | 0 |
| Jul-03 | 156 | 0 | 19044 | 0 |
| Aug-03 | 154 | 0 | 19198 | 0 |
| Sep-03 | 152 | 0 | 19349 | 0 |
| Oct-03 | 150 | 0 | 19499 | 0 |
| Nov-03 | 148 | 0 | 19647 | 0 |
| Dec-03 | 146 | 0 | 19793 | 0 |
| Jan-04 | 144 | 0 | 19937 | 0 |
| Feb-04 | 142 | 0 | 20080 | 0 |
| Mar-04 | 141 | 0 | 20220 | 0 |

Production Projection

|        |     |   |       |   |
|--------|-----|---|-------|---|
| Apr-04 | 139 | 0 | 20359 | 0 |
| May-04 | 137 | 0 | 20496 | 0 |
| Jun-04 | 135 | 0 | 20631 | 0 |
| Jul-04 | 134 | 0 | 20765 | 0 |
| Aug-04 | 132 | 0 | 20897 | 0 |
| Sep-04 | 130 | 0 | 21027 | 0 |
| Oct-04 | 129 | 0 | 21156 | 0 |
| Nov-04 | 127 | 0 | 21283 | 0 |
| Dec-04 | 125 | 0 | 21408 | 0 |
| Jan-05 | 124 | 0 | 21532 | 0 |
| Feb-05 | 122 | 0 | 21654 | 0 |
| Mar-05 | 121 | 0 | 21774 | 0 |
| Apr-05 | 119 | 0 | 21893 | 0 |
| May-05 | 118 | 0 | 22011 | 0 |
| Jun-05 | 116 | 0 | 22127 | 0 |
| Jul-05 | 115 | 0 | 22242 | 0 |
| Aug-05 | 113 | 0 | 22355 | 0 |
| Sep-05 | 112 | 0 | 22466 | 0 |
| Oct-05 | 110 | 0 | 22577 | 0 |
| Nov-05 | 109 | 0 | 22686 | 0 |
| Dec-05 | 108 | 0 | 22793 | 0 |
| Jan-06 | 106 | 0 | 22899 | 0 |
| Feb-06 | 105 | 0 | 23004 | 0 |
| Mar-06 | 103 | 0 | 23108 | 0 |
| Apr-06 | 102 | 0 | 23210 | 0 |
| May-06 | 101 | 0 | 23311 | 0 |
| Jun-06 | 100 | 0 | 23410 | 0 |
| Jul-06 | 98  | 0 | 23508 | 0 |
| Aug-06 | 97  | 0 | 23606 | 0 |
| Sep-06 | 96  | 0 | 23701 | 0 |
| Oct-06 | 95  | 0 | 23796 | 0 |
| Nov-06 | 93  | 0 | 23889 | 0 |
| Dec-06 | 92  | 0 | 23982 | 0 |
| Jan-07 | 91  | 0 | 24073 | 0 |
| Feb-07 | 90  | 0 | 24163 | 0 |
| Mar-07 | 89  | 0 | 24251 | 0 |
| Apr-07 | 88  | 0 | 24339 | 0 |
| May-07 | 87  | 0 | 24426 | 0 |
| Jun-07 | 85  | 0 | 24511 | 0 |
| Jul-07 | 84  | 0 | 24595 | 0 |
| Aug-07 | 83  | 0 | 24679 | 0 |
| Sep-07 | 82  | 0 | 24761 | 0 |
| Oct-07 | 81  | 0 | 24842 | 0 |
| Nov-07 | 80  | 0 | 24922 | 0 |
| Dec-07 | 79  | 0 | 25002 | 0 |
| Jan-08 | 78  | 0 | 25080 | 0 |
| Feb-08 | 77  | 0 | 25157 | 0 |
| Mar-08 | 76  | 0 | 25233 | 0 |
| Apr-08 | 75  | 0 | 25308 | 0 |

# Production Projection

|        |    |   |       |   |
|--------|----|---|-------|---|
| May-08 | 74 | 0 | 25382 | 0 |
| Jun-08 | 73 | 0 | 25456 | 0 |
| Jul-08 | 72 | 0 | 25528 | 0 |
| Aug-08 | 71 | 0 | 25600 | 0 |
| Sep-08 | 71 | 0 | 25670 | 0 |
| Oct-08 | 70 | 0 | 25740 | 0 |
| Nov-08 | 69 | 0 | 25809 | 0 |
| Dec-08 | 68 | 0 | 25877 | 0 |
| Jan-09 | 67 | 0 | 25944 | 0 |
| Feb-09 | 66 | 0 | 26010 | 0 |
| Mar-09 | 65 | 0 | 26075 | 0 |
| Apr-09 | 65 | 0 | 26140 | 0 |
| May-09 | 64 | 0 | 26203 | 0 |
| Jun-09 | 63 | 0 | 26266 | 0 |
| Jul-09 | 62 | 0 | 26328 | 0 |
| Aug-09 | 61 | 0 | 26390 | 0 |
| Sep-09 | 61 | 0 | 26450 | 0 |
| Oct-09 | 60 | 0 | 26510 | 0 |
| Nov-09 | 59 | 0 | 26569 | 0 |
| Dec-09 | 58 | 0 | 26627 | 0 |
| Jan-10 | 58 | 0 | 26685 | 0 |
| Feb-10 | 57 | 0 | 26742 | 0 |
| Mar-10 | 56 | 0 | 26798 | 0 |
| Apr-10 | 55 | 0 | 26853 | 0 |
| May-10 | 55 | 0 | 26908 | 0 |
| Jun-10 | 54 | 0 | 26962 | 0 |
| Jul-10 | 53 | 0 | 27015 | 0 |
| Aug-10 | 53 | 0 | 27068 | 0 |
| Sep-10 | 52 | 0 | 27120 | 0 |
| Oct-10 | 51 | 0 | 27171 | 0 |
| Nov-10 | 51 | 0 | 27221 | 0 |
| Dec-10 | 50 | 0 | 27271 | 0 |
| Jan-11 | 49 | 0 | 27321 | 0 |
| Feb-11 | 49 | 0 | 27370 | 0 |
| Mar-11 | 48 | 0 | 27418 | 0 |
| Apr-11 | 48 | 0 | 27465 | 0 |
| May-11 | 47 | 0 | 27512 | 0 |
| Jun-11 | 46 | 0 | 27558 | 0 |
| Jul-11 | 46 | 0 | 27604 | 0 |
| Aug-11 | 45 | 0 | 27649 | 0 |
| Sep-11 | 45 | 0 | 27694 | 0 |
| Oct-11 | 44 | 0 | 27738 | 0 |
| Nov-11 | 43 | 0 | 27781 | 0 |
| Dec-11 | 43 | 0 | 27824 | 0 |
| Jan-12 | 42 | 0 | 27866 | 0 |
| Feb-12 | 42 | 0 | 27908 | 0 |
| Mar-12 | 41 | 0 | 27950 | 0 |
| Apr-12 | 41 | 0 | 27990 | 0 |
| May-12 | 40 | 0 | 28031 | 0 |

# Production Projection

|        |    |   |       |   |
|--------|----|---|-------|---|
| Jun-12 | 40 | 0 | 28070 | 0 |
| Jul-12 | 39 | 0 | 28109 | 0 |
| Aug-12 | 39 | 0 | 28148 | 0 |
| Sep-12 | 38 | 0 | 28186 | 0 |
| Oct-12 | 38 | 0 | 28224 | 0 |
| Nov-12 | 37 | 0 | 28261 | 0 |
| Dec-12 | 37 | 0 | 28298 | 0 |
| Jan-13 | 36 | 0 | 28335 | 0 |
| Feb-13 | 36 | 0 | 28371 | 0 |
| Mar-13 | 35 | 0 | 28406 | 0 |
| Apr-13 | 35 | 0 | 28441 | 0 |
| May-13 | 35 | 0 | 28475 | 0 |
| Jun-13 | 34 | 0 | 28510 | 0 |
| Jul-13 | 34 | 0 | 28543 | 0 |
| Aug-13 | 33 | 0 | 28576 | 0 |
| Sep-13 | 33 | 0 | 28609 | 0 |
| Oct-13 | 32 | 0 | 28642 | 0 |
| Nov-13 | 32 | 0 | 28674 | 0 |
| Dec-13 | 32 | 0 | 28705 | 0 |
| Jan-14 | 31 | 0 | 28736 | 0 |
| Feb-14 | 31 | 0 | 28767 | 0 |
| Mar-14 | 30 | 0 | 28797 | 0 |
| Apr-14 | 30 | 0 | 28828 | 0 |
| May-14 | 30 | 0 | 28857 | 0 |
| Jun-14 | 29 | 0 | 28886 | 0 |
| Jul-14 | 29 | 0 | 28915 | 0 |
| Aug-14 | 29 | 0 | 28944 | 0 |
| Sep-14 | 28 | 0 | 28972 | 0 |
| Oct-14 | 28 | 0 | 29000 | 0 |
| Nov-14 | 27 | 0 | 29027 | 0 |
| Dec-14 | 27 | 0 | 29054 | 0 |
| Jan-15 | 27 | 0 | 29081 | 0 |
| Feb-15 | 26 | 0 | 29107 | 0 |
| Mar-15 | 26 | 0 | 29133 | 0 |
| Apr-15 | 26 | 0 | 29159 | 0 |
| May-15 | 25 | 0 | 29185 | 0 |
| Jun-15 | 25 | 0 | 29210 | 0 |
| Jul-15 | 25 | 0 | 29235 | 0 |
| Aug-15 | 24 | 0 | 29259 | 0 |
| Sep-15 | 24 | 0 | 29283 | 0 |
| Oct-15 | 24 | 0 | 29307 | 0 |
| Nov-15 | 24 | 0 | 29331 | 0 |
| Dec-15 | 23 | 0 | 29354 | 0 |
| Jan-16 | 23 | 0 | 29377 | 0 |
| Feb-16 | 23 | 0 | 29399 | 0 |
| Mar-16 | 22 | 0 | 29422 | 0 |
| Apr-16 | 22 | 0 | 29444 | 0 |
| May-16 | 22 | 0 | 29466 | 0 |
| Jun-16 | 22 | 0 | 29487 | 0 |

# Production Projection

|        |    |   |       |   |
|--------|----|---|-------|---|
| Jul-16 | 21 | 0 | 29508 | 0 |
| Aug-16 | 21 | 0 | 29529 | 0 |
| Sep-16 | 21 | 0 | 29550 | 0 |
| Oct-16 | 20 | 0 | 29571 | 0 |
| Nov-16 | 20 | 0 | 29591 | 0 |
| Dec-16 | 20 | 0 | 29611 | 0 |
| Jan-17 | 20 | 0 | 29630 | 0 |
| Feb-17 | 19 | 0 | 29650 | 0 |
| Mar-17 | 19 | 0 | 29669 | 0 |
| Apr-17 | 19 | 0 | 29688 | 0 |
| May-17 | 19 | 0 | 29707 | 0 |
| Jun-17 | 18 | 0 | 29725 | 0 |
| Jul-17 | 18 | 0 | 29743 | 0 |
| Aug-17 | 18 | 0 | 29761 | 0 |
| Sep-17 | 18 | 0 | 29779 | 0 |
| Oct-17 | 18 | 0 | 29797 | 0 |
| Nov-17 | 17 | 0 | 29814 | 0 |
| Dec-17 | 17 | 0 | 29831 | 0 |
| Jan-18 | 17 | 0 | 29848 | 0 |
| Feb-18 | 17 | 0 | 29865 | 0 |
| Mar-18 | 16 | 0 | 29881 | 0 |
| Apr-18 | 16 | 0 | 29898 | 0 |
| May-18 | 16 | 0 | 29914 | 0 |
| Jun-18 | 16 | 0 | 29929 | 0 |
| Jul-18 | 16 | 0 | 29945 | 0 |
| Aug-18 | 15 | 0 | 29961 | 0 |
| Sep-18 | 15 | 0 | 29976 | 0 |
| Oct-18 | 15 | 0 | 29991 | 0 |
| Nov-18 | 15 | 0 | 30006 | 0 |
| Dec-18 | 15 | 0 | 30020 | 0 |
| Jan-19 | 14 | 0 | 30035 | 0 |
| Feb-19 | 14 | 0 | 30049 | 0 |
| Mar-19 | 14 | 0 | 30063 | 0 |
| Apr-19 | 14 | 0 | 30077 | 0 |
| May-19 | 14 | 0 | 30091 | 0 |
| Jun-19 | 14 | 0 | 30105 | 0 |
| Jul-19 | 13 | 0 | 30118 | 0 |
| Aug-19 | 13 | 0 | 30131 | 0 |
| Sep-19 | 13 | 0 | 30144 | 0 |
| Oct-19 | 13 | 0 | 30157 | 0 |
| Nov-19 | 13 | 0 | 30170 | 0 |
| Dec-19 | 13 | 0 | 30183 | 0 |
| Jan-20 | 12 | 0 | 30195 | 0 |
| Feb-20 | 12 | 0 | 30207 | 0 |
| Mar-20 | 12 | 0 | 30220 | 0 |
| Apr-20 | 12 | 0 | 30232 | 0 |
| May-20 | 12 | 0 | 30243 | 0 |
| Jun-20 | 12 | 0 | 30255 | 0 |
| Jul-20 | 12 | 0 | 30267 | 0 |

# Production Projection

|        |    |   |       |   |
|--------|----|---|-------|---|
| Aug-20 | 11 | 0 | 30278 | 0 |
| Sep-20 | 11 | 0 | 30289 | 0 |
| Oct-20 | 11 | 0 | 30300 | 0 |
| Nov-20 | 11 | 0 | 30311 | 0 |
| Dec-20 | 11 | 0 | 30322 | 0 |
| Jan-21 | 11 | 0 | 30333 | 0 |
| Feb-21 | 11 | 0 | 30343 | 0 |
| Mar-21 | 10 | 0 | 30354 | 0 |
| Apr-21 | 10 | 0 | 30364 | 0 |
| May-21 | 10 | 0 | 30374 | 0 |
| Jun-21 | 10 | 0 | 30384 | 0 |
| Jul-21 | 10 | 0 | 30394 | 0 |
| Aug-21 | 10 | 0 | 30404 | 0 |
| Sep-21 | 10 | 0 | 30413 | 0 |
| Oct-21 | 10 | 0 | 30423 | 0 |
| Nov-21 | 9  | 0 | 30432 | 0 |
| Dec-21 | 9  | 0 | 30441 | 0 |
| Jan-22 | 9  | 0 | 30451 | 0 |
| Feb-22 | 9  | 0 | 30460 | 0 |
| Mar-22 | 9  | 0 | 30469 | 0 |
| Apr-22 | 9  | 0 | 30477 | 0 |
| May-22 | 9  | 0 | 30486 | 0 |
| Jun-22 | 9  | 0 | 30495 | 0 |
| Jul-22 | 8  | 0 | 30503 | 0 |
| Aug-22 | 8  | 0 | 30512 | 0 |
| Sep-22 | 8  | 0 | 30520 | 0 |
| Oct-22 | 8  | 0 | 30528 | 0 |
| Nov-22 | 8  | 0 | 30536 | 0 |
| Dec-22 | 8  | 0 | 30544 | 0 |
| Jan-23 | 8  | 0 | 30552 | 0 |
| Feb-23 | 8  | 0 | 30560 | 0 |
| Mar-23 | 8  | 0 | 30567 | 0 |
| Apr-23 | 8  | 0 | 30575 | 0 |
| May-23 | 7  | 0 | 30582 | 0 |
| Jun-23 | 7  | 0 | 30590 | 0 |
| Jul-23 | 7  | 0 | 30597 | 0 |
| Aug-23 | 7  | 0 | 30604 | 0 |
| Sep-23 | 7  | 0 | 30611 | 0 |
| Oct-23 | 7  | 0 | 30618 | 0 |
| Nov-23 | 7  | 0 | 30625 | 0 |
| Dec-23 | 7  | 0 | 30632 | 0 |
| Jan-24 | 7  | 0 | 30639 | 0 |
| Feb-24 | 7  | 0 | 30645 | 0 |
| Mar-24 | 7  | 0 | 30652 | 0 |
| Apr-24 | 6  | 0 | 30658 | 0 |
| May-24 | 6  | 0 | 30665 | 0 |
| Jun-24 | 6  | 0 | 30671 | 0 |
| Jul-24 | 6  | 0 | 30677 | 0 |
| Aug-24 | 6  | 0 | 30684 | 0 |

# Production Projection

|        |   |   |       |   |
|--------|---|---|-------|---|
| Sep-24 | 6 | 0 | 30690 | 0 |
| Oct-24 | 6 | 0 | 30696 | 0 |
| Nov-24 | 6 | 0 | 30702 | 0 |
| Dec-24 | 6 | 0 | 30707 | 0 |
| Jan-25 | 6 | 0 | 30713 | 0 |
| Feb-25 | 6 | 0 | 30719 | 0 |
| Mar-25 | 6 | 0 | 30725 | 0 |
| Apr-25 | 6 | 0 | 30730 | 0 |
| May-25 | 5 | 0 | 30736 | 0 |
| Jun-25 | 5 | 0 | 30741 | 0 |
| Jul-25 | 5 | 0 | 30746 | 0 |
| Aug-25 | 5 | 0 | 30752 | 0 |
| Sep-25 | 5 | 0 | 30757 | 0 |
| Oct-25 | 5 | 0 | 30762 | 0 |
| Nov-25 | 5 | 0 | 30767 | 0 |
| Dec-25 | 5 | 0 | 30772 | 0 |
| Jan-26 | 5 | 0 | 30777 | 0 |
| Feb-26 | 5 | 0 | 30782 | 0 |
| Mar-26 | 5 | 0 | 30787 | 0 |
| Apr-26 | 5 | 0 | 30792 | 0 |
| May-26 | 5 | 0 | 30796 | 0 |
| Jun-26 | 5 | 0 | 30801 | 0 |
| Jul-26 | 5 | 0 | 30806 | 0 |
| Aug-26 | 5 | 0 | 30810 | 0 |
| Sep-26 | 4 | 0 | 30815 | 0 |
| Oct-26 | 4 | 0 | 30819 | 0 |
| Nov-26 | 4 | 0 | 30823 | 0 |
| Dec-26 | 4 | 0 | 30828 | 0 |
| Jan-27 | 4 | 0 | 30832 | 0 |
| Feb-27 | 4 | 0 | 30836 | 0 |
| Mar-27 | 4 | 0 | 30840 | 0 |
| Apr-27 | 4 | 0 | 30844 | 0 |
| May-27 | 4 | 0 | 30849 | 0 |
| Jun-27 | 4 | 0 | 30853 | 0 |
| Jul-27 | 4 | 0 | 30856 | 0 |
| Aug-27 | 4 | 0 | 30860 | 0 |
| Sep-27 | 4 | 0 | 30864 | 0 |
| Oct-27 | 4 | 0 | 30868 | 0 |
| Nov-27 | 4 | 0 | 30872 | 0 |
| Dec-27 | 4 | 0 | 30875 | 0 |
| Jan-28 | 4 | 0 | 30879 | 0 |
| Feb-28 | 4 | 0 | 30883 | 0 |
| Mar-28 | 4 | 0 | 30886 | 0 |
| Apr-28 | 4 | 0 | 30890 | 0 |
| May-28 | 3 | 0 | 30893 | 0 |
| Jun-28 | 3 | 0 | 30897 | 0 |
| Jul-28 | 3 | 0 | 30900 | 0 |
| Aug-28 | 3 | 0 | 30903 | 0 |
| Sep-28 | 3 | 0 | 30907 | 0 |

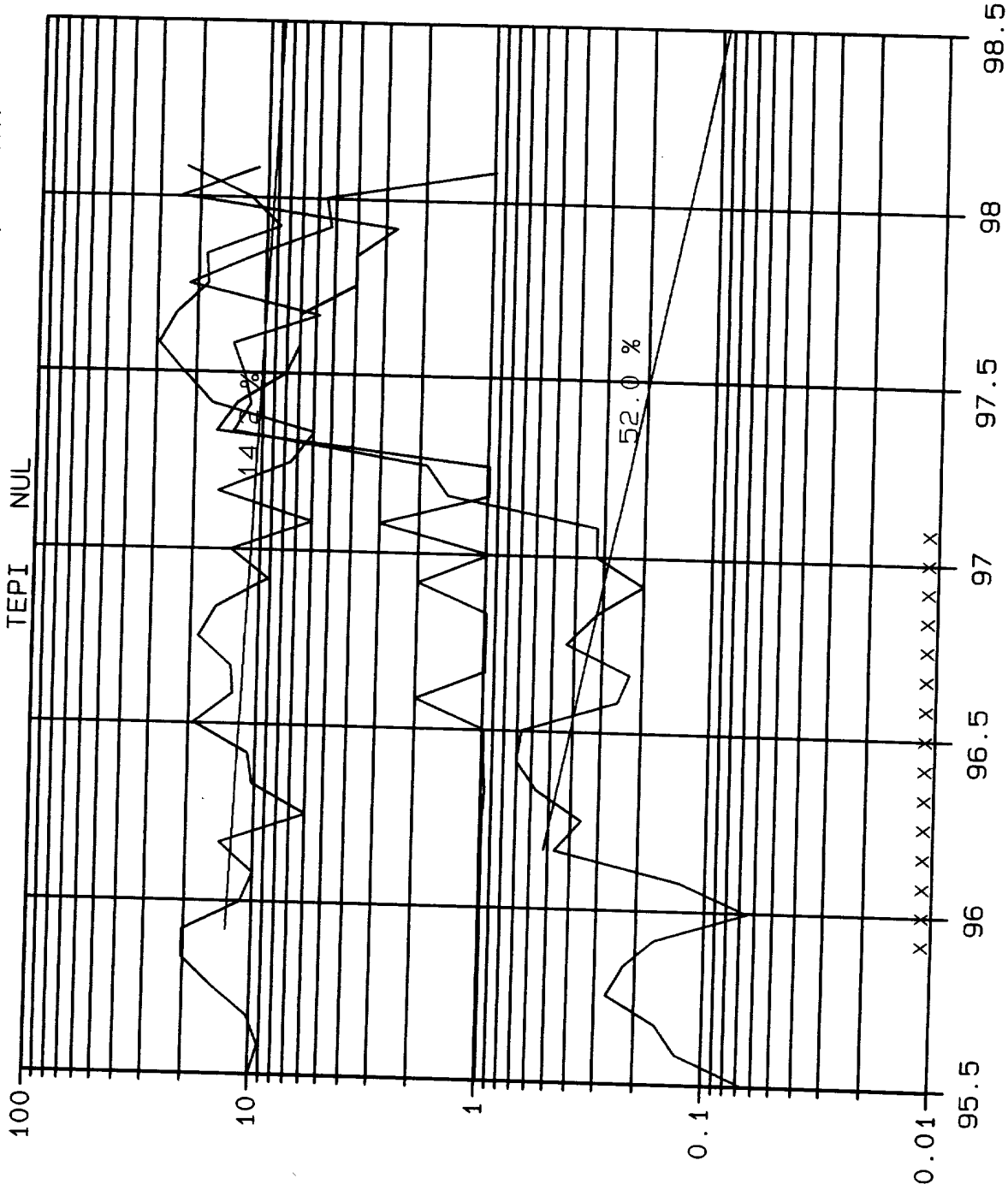
Production Projection

|        |   |  |  |       |   |
|--------|---|--|--|-------|---|
| Oct-28 | 3 |  |  | 30910 | 0 |
| Nov-28 | 3 |  |  | 30913 | 0 |
| Dec-28 | 3 |  |  | 30916 | 0 |
| Jan-29 | 3 |  |  | 30919 | 0 |
| Feb-29 | 3 |  |  | 30923 | 0 |
| Mar-29 | 3 |  |  | 30926 | 0 |
| Apr-29 | 3 |  |  | 30929 | 0 |
| May-29 | 3 |  |  | 30932 | 0 |
| Jun-29 | 3 |  |  | 30935 | 0 |
| Jul-29 | 3 |  |  | 30937 | 0 |
| Aug-29 | 3 |  |  | 30940 | 0 |
| Sep-29 | 3 |  |  | 30943 | 0 |
| Oct-29 | 3 |  |  | 30946 | 0 |
| Nov-29 | 3 |  |  | 30949 | 0 |
| Dec-29 | 3 |  |  | 30951 | 0 |
| Jan-30 | 3 |  |  | 30954 | 0 |
| Mar-30 | 3 |  |  | 30957 | 0 |
| Mar-30 | 3 |  |  | 30959 | 0 |
| Apr-30 | 3 |  |  | 30962 | 0 |
| May-30 | 3 |  |  | 30965 | 0 |
| Jun-30 | 3 |  |  | 30967 | 0 |
| Jul-30 | 2 |  |  | 30970 | 0 |
| Aug-30 | 2 |  |  | 30972 | 0 |
| Sep-30 | 2 |  |  | 30974 | 0 |
| Oct-30 | 2 |  |  | 30977 | 0 |
| Nov-30 | 2 |  |  | 30979 | 0 |
| Dec-30 | 2 |  |  | 30982 | 0 |
| Jan-31 | 2 |  |  | 30984 | 0 |
| Mar-31 | 2 |  |  | 30986 | 0 |
| Apr-31 | 2 |  |  | 30988 | 0 |
| May-31 | 2 |  |  | 30991 | 0 |
| Jun-31 | 2 |  |  | 30993 | 0 |
| Jul-31 | 2 |  |  | 30995 | 0 |
| Aug-31 | 2 |  |  | 30987 | 0 |
| Sep-31 | 2 |  |  | 30999 | 0 |
| Oct-31 | 2 |  |  | 31001 | 0 |
| Nov-31 | 2 |  |  | 31003 | 0 |
| Dec-31 | 2 |  |  | 31005 | 0 |
| Jan-32 | 2 |  |  | 31007 | 0 |
| Mar-32 | 2 |  |  | 31009 | 0 |
| Mar-32 | 2 |  |  | 31011 | 0 |
| Apr-32 | 2 |  |  | 31013 | 0 |
| May-32 | 2 |  |  | 31015 | 0 |
| Jun-32 | 2 |  |  | 31017 | 0 |
| Jul-32 | 2 |  |  | 31019 | 0 |
| Aug-32 | 2 |  |  | 31021 | 0 |
| Sep-32 | 2 |  |  | 31023 | 0 |
| Oct-32 | 2 |  |  | 31024 | 0 |
|        | 2 |  |  | 31026 | 0 |

# Production Projection

|        |   |   |       |   |
|--------|---|---|-------|---|
| Nov-32 | 2 | 0 | 31028 | 0 |
| Dec-32 | 2 | 0 | 31030 | 0 |
| Jan-33 | 2 | 0 | 31031 | 0 |
| Mar-33 | 2 | 0 | 31033 | 0 |
| Apr-33 | 2 | 0 | 31035 | 0 |
| May-33 | 2 | 0 | 31036 | 0 |
| Jun-33 | 2 | 0 | 31038 | 0 |
| Jul-33 | 2 | 0 | 31039 | 0 |
| Aug-33 | 2 | 0 | 31041 | 0 |
| Sep-33 | 2 | 0 | 31043 | 0 |
| Oct-33 | 2 | 0 | 31044 | 0 |
| Dec-33 | 1 | 0 | 31046 | 0 |
| Jan-34 | 1 | 0 | 31047 | 0 |
| Feb-34 | 1 | 0 | 31049 | 0 |
| Mar-34 | 1 | 0 | 31050 | 0 |
| Apr-34 | 1 | 0 | 31051 | 0 |
| May-34 | 1 | 0 | 31053 | 0 |
| Jun-34 | 1 | 0 | 31054 | 0 |
| Jul-34 | 1 | 0 | 31056 | 0 |
| Aug-34 | 1 | 0 | 31057 | 0 |
| Oct-34 | 1 | 0 | 31058 | 0 |
| Nov-34 | 1 | 0 | 31060 | 0 |
| Dec-34 | 1 | 0 | 31061 | 0 |
| Jan-35 | 1 | 0 | 31062 | 0 |
| Feb-35 | 1 | 0 | 31064 | 0 |
| Mar-35 | 1 | 0 | 31065 | 0 |
| Apr-35 | 1 | 0 | 31066 | 0 |
| May-35 | 1 | 0 | 31067 | 0 |
| Jul-35 | 1 | 0 | 31069 | 0 |
| Aug-35 | 1 | 0 | 31070 | 0 |
| Sep-35 | 1 | 0 | 31071 | 0 |
| Oct-35 | 1 | 0 | 31072 | 0 |
| Nov-35 | 1 | 0 | 31073 | 0 |
| Dec-35 | 1 | 0 | 31074 | 0 |
| Jan-36 | 1 | 0 | 31076 | 0 |
| Feb-36 | 1 | 0 | 31077 | 0 |
| Mar-36 | 1 | 0 | 31078 | 0 |
| Apr-36 | 1 | 0 | 31079 | 0 |
| May-36 | 1 | 0 | 31080 | 0 |
| Jul-36 | 1 | 0 | 31081 | 0 |
| Aug-36 | 1 | 0 | 31082 | 0 |
| Sep-36 | 1 | 0 | 31083 | 0 |
| Oct-36 | 1 | 0 | 31084 | 0 |
| Nov-36 | 1 | 0 | 31085 | 0 |
| Dec-36 | 1 | 0 | 31086 | 0 |
|        |   | 0 | 31087 | 0 |
|        |   | 0 | 31088 | 0 |
|        |   | 0 | 31089 | 0 |
|        |   | 0 | 31090 | 0 |

# NORTH VACUUM ABO WEST UNIT 9 VACUUM ABO, NORTH



BOPD  
BCFPD  
MCFPD

LEASE DATA  
LSE 011123  
FLD 61760  
OPER TEPI  
ZONE NUL  
--  
COUNTY 025  
STATE 30  
30025240640001  
STATUS 1-98  
CO 75 MBO  
CG 38 MCMF  
CW 6 MBW  
BOPD 23  
BOPD 11  
MCFPD 0  
WELLS 1  
CI 0 MBWI  
BWIPD 0

YEARS

# OIL CONSERVATION DIVISION

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240  
DISTRICT II  
P.O. Box Drawer DD, Artesia, NM 88210  
DISTRICT III  
000 Rio Brazos Rd., Aztec, NM 87410

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

|                                                   |                                                                        |
|---------------------------------------------------|------------------------------------------------------------------------|
| WELL API NO.                                      | 30-025-24064                                                           |
| 5. Indicate Type of Lease                         | STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil / Gas Lease No.                      | B-3196                                                                 |
| 7. Lease Name or Unit Agreement Name              | NORTH VACUUM ABO-WEST UNIT                                             |
| 8. Well No.                                       | 9                                                                      |
| 9. Pool Name or Wildcat                           | VACUUM ABO, NORTH                                                      |
| 10. Elevation (Show whether DF, RKB, RT,GR, etc.) | 4057 GR                                                                |

**SUNDRY NOTICES AND REPORTS ON WELL**  
(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.)

Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER ☐

Name of Operator: TEXACO EXPLORATION & PRODUCTION INC.

Address of Operator: 205 E. Bender, HOBBS, NM 88240

Well Location

Unit Letter L : 1874 Feet From The SOUTH Line and 766 Feet From The WEST Line  
Section 22 Township 17S Range 34E NMPM LEA COUNTY

1. 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 ☐  
OTHER: ☐

## SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPERATION ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: ☐ ADDED PAY & FRACTURE TREATMENT ☐

2. 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.

5/17/97 - 3/28/97

- MIRU. TOH W/ RODS & PUMP. INSTALLED BOP, TOH W/ TBG. CLEANED OUT WELLBORE TO 8886'.
- PERFORATED 4-1/2" CSG @ 8715'-25', 8733'-37', 8740'-43', 8747'- 77', 8791'-8802', 8807'-8830', 8837'-49', 8852'-56', 8858'-62' (2 JSPF, .34" HOLES, 99', 198 HOLES, 120 DEGREE PHASING)
- TIH W/ 4-1/2" PKR, 2-7/8" TBG. TESTED TBG TO 8000 PSI, OK. SET PKR @ 8589', LOAD & TESTED CSG TO 1000#, OK.
- ACIDIZED NEW PERFS FROM 8715'-8862' W/ 3000 GALS 15% HCL NEFE. MAX P = 4027#, AIR= 6.1 BPM. SWABBED BACK LOAD.
- ACID FRACD PERFS 8715'-8868' W/ 24,000 GAL'S 50-QUALITY CO-2 FOAMED ACID , 42,300 50-QUALITY CO-2 FOAMED WF-140, & 34,000# 20/40 RESIN COATED SAND, 153 TONS CO-2. MAX P = 8200#, AIR= 12-BPM. FLOWED BACK 22-BBL'S, SION.
- RIGGED UP COILED TBG UNIT. CLEANED OUT SAND TO 8850', CIRCD CLEAN. RD CTU. RELEASE & TOH W/ PKR & TBG.
- RU REVERSE UNIT. LOWER TBG. TO 8806' & TAG SAND. CLEANED OUT SAND TO 8909'. CIRCD CLEAN. TOH W/ TBG.
- TIH W/ PRODUCTION EQUIPMENT & RETURNED WELL TO PRODUCTION.

OPT 5/18/97 PUMPING BY ROD PUMP: 29 BOPD, 38 BWPD, 21 MCFD

INTERNAL TEPI STATUS REMAINS: PM)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Monte C. Duncan TITLE Engr Asst DATE 7/10/97  
TYPE OR PRINT NAME Monte C. Duncan Telephone No. 397-0418

This space for State Use

APPROVED BY Eadi Kautz Geologist TITLE Geologist DATE 7/10/97

CONDITIONS OF APPROVAL, IF ANY: