District I PO Box 1980, Hobbs, NM 88241-1980 District II 811 S. 1st Street, Artesia, NM 88210-2834 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV

2040 South Pacheco, Santa Fe, NM 87505

## State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505 Form C-101 Revised October 18, 199 Instructions on bac Submit to Appropriate District O State Lease - 6 Copie Fee Lease - 5 Copie

☐ AMENDED REPORT

| A DDI 10  | CATION   | I EOI          | O DE                       | рміт т                 | 'O DR'             | III RF <sub>-</sub> FI | NTF          | R DE        | FPFN        | PLUGBA                   | CK (       | OR AD                   | D A ZONE            |
|---|--|----------------|----------------------------|------------------------|--------------------|------------------------|--------------|-------------|-------------|--------------------------|------------|-------------------------|---------------------|
| APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PL   |  |                |                            |                        |                    |                        | TLOGDA       |             |             | RID Number               |            |                         |                     |
| <sup>1</sup> Operator name and Address  Cross Timbers Operating Company   |  |                |                            |                        |                    |                        |              |             | DEO         |                          | 1          | 67067                   |                     |
| 2700 Farmington Ave., Bldg. K. Ste 1  |  |                |                            |                        |                    |                        |              |             |             | HEG                      | BAI        | - A                     | 67067<br>Number     |
| Farmington, NM 87401  |  |                |                            |                        |                    |                        |              | Dro.        | 20          |                          | 0087       |                         |                     |
|   | perty Code   |                | <u>T</u> -                 |                        |                    | 5                      | Proper       | ty Name     | ·           |                          | 3 0 10     |                         | Well No.            |
|   | 273  | 0              |                            |                        |                    |                        | -            | Gas Co      | - 11        |                          | - 13<br>   | 199 1                   | #2                  |
|   | <u> </u>   |                |                            |                        |                    | <sup>7</sup> Surface   |              |             | ×           | - GO                     | No la      | 1000                    | <u> </u>            |
| UL or lot no.   | Section  | Town           | ship                       | Range                  | Lot. Idn           | Feet from              |              |             | South Line  | Feet from the            | Mast/      | Westone                 | County              |
| L   | 15   | 30             | N                          | 12 W                   |                    | 1,83                   | 5            | So          | uth         | 815                      | W          | est                     | San Juan            |
|   |  |                |                            |                        | d Botto            |                        |              | n If Di     | fferent     | From Surfa               | ace        |                         |                     |
| UL or lot no.   | Section  | Town           |                            | Range                  | Lot. Idn           | Feet from              |              |             |             | Feet from the            |            | /West line              | County              |
|   |  |                | •                          |                        |                    |                        |              |             |             |                          |            |                         |                     |
|   | <u> </u>   | 9 Prop         | osed I                     | Pool 1                 | L                  |                        |              |             |             | 10 Proposed              | l Pool 2   | <u>-</u>                |                     |
|   | Ba   | sin F          | <u>ruitl</u>               | and Coal               |                    |                        |              |             |             |                          |            |                         |                     |
|   |  |                |                            | T. ( 1) T              |                    | 12 0.11                | /D /         |             | 141         | T C- 1-                  |            | 5 C d 1                 | Level Elevation     |
| 11 Work l   | Type Code  |                | 12 Well Type Code          |                        | lode               | <sup>13</sup> Cable    |              | y           | 1ª Lea      | se Type Code             | 1          |                         |                     |
|   | N  |                |                            | G                      |                    |                        | ary          |             | Fee         |                          |            | 5,650'                  |                     |
| <sup>16</sup> Mu  | ıltiple  |                | <sup>17</sup> Proposed Dep |                        | epth               | epth 18 Forma          |              | ition 19    |             | <sup>19</sup> Contractor |            | <sup>20</sup> Spud Date |                     |
|   | No   |                | 2,050'                     |                        |                    | Fruitland Coal         |              | pal         | Not awarded |                          |            | Est 01/00               |                     |
|   |  |                |                            |                        | <sup>21</sup> Prop | osed Casir             | ıg an        | d Cen       | nent Pr     | ogram                    |            |                         |                     |
| Hole S  | Size   |                | Casir                      | ng Size                | Casing weight/foot |                        | 9            | Setting D   | epth        | Sacks of Cen             | nent       | Est                     | imated TOC          |
| 8-3/  | 4"   |                | 7"                         |                        | 20#, J-55, STC     |                        | 200'         |             |             | 50                       |            | Surface                 |                     |
| 6-1/  | 4"   | Î              | 4-1/2" 10.                 |                        | 10.5#,             | , J-55, STC 2,05       |              | 2,050       | 190         |                          |            | Surface                 |                     |
|   |  |                |                            |                        | :                  |                        |              |             |             |                          |            |                         |                     |
|   |  |                |                            |                        |                    | <u> </u>               |              |             |             |                          |            |                         |                     |
| 22 Describe the   | nronocod n   | rogram         | If this                    | application            | is to DEE          | PEN or PLUG E          | BACK o       | rive the d  | lata on the | present produc           | rtive zone | e and pror              | oosed new productiv |
| Describe the blo  | owout preve  | ention p       | rogran                     | n, if any. Us          | e addition         | al sheets if nece      | ssary        | 5110 1110 0 | and on the  | present product          |            | o and prop              | F                   |
| Sunface   | 50 ca  | cks o          | f Cla                      | .cc "R" c              | amant c            | ontaining 2            | % CaC        | ነጋ & 1      | /4 nns      | celloflake               |            |                         |                     |
| Sui race.   | (14.   | pag 8          | . 1.3                      | 4 cuft/s               | x). Ciı            | rculate cem            | ent t        | o surf      | ace.        |                          |            |                         | _                   |
| Productio   | on: Lead   | 1: 65          | sx cl                      | ass B c                | ement w            | ith 2% D-79<br>`       | (ext         | ender)      | , 1/4 #     | sx cellofl               | ake &      | 2% CaCl                 | 2                   |
|   | (11.4 ppg & 2.87 cuft/sx). Tail: 125 sx class B cement with 2% D-79 (extender), 1/4 #/sx celloflake & 2% CaCl2 |                |                            |                        |                    |                        |              |             |             |                          |            |                         |                     |
| (13.5 ppg & 1.71 cuft/sx).  Remarks: use 25% excess over volume calculated from open hole logs to bring TOC to surface. |  |                |                            |                        |                    |                        |              |             |             |                          |            |                         |                     |
| Remarks:<br>BOP progr   | use 25%<br>ram: 11"  | exces<br>x 300 | s ove<br>O psi             | er volume<br>ig double | ram BO             | ated from o<br>P.      | pen r        | 101e 10     | gs to E     | iring foc to             | Suria      | ice.                    |                     |
|   |  |                | ion giv                    | en above is            | true and c         | omplete to the l       | est          |             | OIL C       | ONSERV <i>A</i>          | ATION      | J DIVIS                 | SION                |
| of my knowledge and belief.  Signature: Form w Formula  |  |                |                            |                        |                    |                        | Approved by: |             |             |                          |            |                         |                     |
| Printed name:   | boren !  |                |                            | 7                      | ۲                  |                        | Title:       |             | SUPERV      | ISOR DISTR               | ICT#3      | 3                       |                     |
| Printed name:   |  |                |                            |                        | <u> </u>           |                        |              | ***         |             |                          |            |                         | EC 3 0 20           |
| Title:  | Productio  | n Eng          | inee                       | ^                      |                    |                        | App          | rova IP     | €C 3 (      | ) 1999                   | Expiration | on Date:                | ILO O O CO          |

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District I PO Box 1980, Hobbs, NM 88241-1980

District II PO Drawer DD, Artesia, NM 88211-0719

District III 1000 Rio Brazos Rd., Aztec, NM 87410

District IV PO Box 2088, Santa Fe, NM 87504-2088 State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088 Form C-102 Revised February 21, 1994 Instructions on back

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AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

| _                      |              |  |                | LUCAT.         | LOIN AND AC                       | TIENOL BEBI                 | 10-11                   |   |   |  |
|------------------------|--------------|--|----------------|----------------|-----------------------------------|-----------------------------|-------------------------|---|---|--|
| 'API Number 'Pool Code |              |  |                |                | ³Pool Name                        |                             |                         |   |   |  |
| 30-045-30087 71629     |              |  |                |                | BASIN FRUITLAND COAL *Well Number |                             |                         |   |   |  |
| 'Property              |              |  |                |                | Property                          |                             |                         |   | - We                                    |  |
| 22730                  |              |  |                |                | HANCOCK G                         | SAS COM                     |                         |   | 2                                       |  |
| OGRIO N                | lo.          |  |                |                | *Operator                         |                             |                         |   | 1                                       | levation   |
| 16705                  | 7            |  | Ct             | ROSS T         | IMBERS OPE                        | RATING CON                  | 1PANY                   |   |   | 5650   |
|                        |              |  |                |                | <sup>10</sup> Surface I           | Location                    |                         |   |   |  |
| UL or lot no.          | Section      | Township   | Range          | Lat Idn        | Feet from the                     | North/South line            | Feet from t             | .   | lest line                               | County   |
| L                      | 15           | 30N  | 12W            |                | 1835                              | SOUTH                       | 815                     | WE  | EST                                     | SAN JUAN   |
|                        |              | 11   | Bottom         | Hole l         | ocation I                         | f Different                 | From S                  | urface  |   |  |
| UL or lot no.          | Section      | Township   | Range          | Lot Ion        | Feet from the                     | North/South line            | Feet from t             |   | West line                               | County   |
|                        |              |  |                |                |                                   |                             |                         |   |   |  |
| 12 Dedicated Acres     | L            | 13 Joint or                                      | Infill 14 Cons | olidation Code | <sup>15</sup> Order Na.           |                             | <u> </u>                | <del></del>   |   |  |
| 5/7                    | 570          |  |                |                |                                   |                             |                         |   |   |  |
| )                      |              | TI DE  | ACCIONE        | O TO TH        | ITS COMPLETT                      | DN UNITH ALL                | INTEREST                | S HAVE B  | EEN CO                                  | NSOL IDATED  |
| NO ALLOW               | IABLE W      | OR OR  | A NON-S        | TANDARD        | UNIT HAS BE                       | ON UNTIL ALL<br>EN APPROVED | BY THE C                | IVISION   |   |  |
| 16                     |              | Γ  |                | 127.84         |                                   |                             |                         | PERATOR   |   | IFICATION  |
| ,                      |              |  | <u></u>        |                | _                                 |                             |                         |   | he informations best of my              | n contained herein is knowledge and belief                               |
|                        |              | l<br>L   |                | 1              | EGEN<br>DEC 22                    | W ENV                       |                         | -   |   |  |
| LOT                    | ī            |  |                |                | 居(法国山                             | 1 9                         |                         |   |   |  |
|                        | •            |  |                | , l            | -0 2 2                            | 1999 DIVO                   | ļ                       |   |   |  |
| -0                     |              | 1  |                | \$ 53<br>\{\}  | J DEC 2 2                         | - Wing                      | -4                      |   |   |  |
| 7                      |              |  |                | , ,            | - 000                             | 10 mino                     | 1.54                    | Even v  | Futt                                    | Miner  |
| 2653.20'<br> <br> <br> |              | <del>                                     </del> |                |                | STE GOS                           | (1) B                       | Sigr                    | nature  |   |  |
| 76                     |              | ļ  |                |                |                                   |                             | U L                     | oren W. F   | other                                   | gill   |
|                        |              |  |                | ,              |                                   |                             |                         | nted Name   | <b>-</b> .                              |  |
| LOT                    | 2            |  |                |                |                                   |                             |                         | roduction   | n Engine                                | eer  |
|                        |              | 1  |                | •              |                                   |                             | Tit                     |   |   |  |
|                        |              | 1  |                |                |                                   | 1                           |                         | 15-51-6   | 29                                      |  |
|                        | . <u></u> -  |  |                | 15             | <del></del>                       | 11/1                        | Date                    |   | OCD T                                   | TETELTION  |
| 11111                  | 1111         | 111  |                | YJ/            |                                   | 11/1/1                      | Za / S                  | UHVEYUH   | the well loca                           | IFICATION tion shown on this plat  |
| 2                      |              |  |                |                | and the second second             | 1                           | 1 00 10                 | lotted from field<br>der my supervisio<br>ct to the best of | n, and that t                           | tion shown on this plat<br>wal surveys made by me<br>he same is true and |
|                        |              | ļ  |                |                | •                                 |                             | 1000                    | of to the pear of   | , 00110                                 |  |
| > 815'                 | _            | i  |                | •              | _                                 | MERMON                      |                         |   |   |  |
| 2                      | Ÿ            |  |                | 1              |                                   | ENVEN                       | N_                      | OVEMBE  |   |  |
| 186                    |              | 1  |                | 1              | DIE                               | 0 1009                      | Dat Dat                 | e of Surve  | у                                       |  |
| 2645.28                | <del> </del> | <del></del>                                      |                |                | <b></b>                           | 9 3 0 133°                  | — <del>[</del> [] siðus | ture and Seal of  | TEDW                                    | Striever   |
| 40                     | 1            |  |                |                | ***                               | LOOR TOU                    | 261                     |   | MEL                                     | 72/  |
| Q                      | ភ្ជ          | t<br>I   |                | ı              | III                               | 3 0 1989 E                  | 4                       | NEA   | MEXIC                                   | ARDS   |
| 2                      | 835          | ļ  |                | ı              | Oum                               | CELL P                      | 7                       | ZZ  | 6857                                    | الحال  |
| -                      | -            |  |                | 1              |                                   |                             | 1_                      | 10)   |   |  |
| 1                      |              | 1  |                |                | المعادين                          | 1                           | 1/                      | 4   | - 40 - 40 - 40 - 40 - 40 - 40 - 40 - 40 | 7\$/   |
|                        | 249          | 12.16', ,  | 111            |                | , , , , 250                       | 2.72', , , , ,              | Cer Cer                 | tificate  | Uniber CO                               | <b>MAL</b> 6857  |
| 11/1/1                 | 7            |  |                | <u>, 1//</u>   | <u> </u>                          |                             |                         |   |   |  |

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## CROSS TIMBERS OPERATING COMPANY HANCOCK GAS COM #2 1835' FSL & 815' FWL, SECTION 15, T30N, R12W, NMPM, SAN JUAN COUNTY, NEW MEXICO GROUND ELEVATION: 5650' DATE: NOVEMBER 13, 1999 Drive-in Gate Poddwdy Fence-Line around Existing Wellpad Dehy Tank \* LOCATION MAY NEED TO BE STRIPPED, INCLUDING UNDERGROUND PIPING, PRIOR TO ANY CONSTRUCTION. ⑤ 6 В ACCESS (NO NEW) C2 ĊЗ \* DRILLING OPERATIONS MAY BE RESTRICTED TO THE USE OF STEEL PITS \* 2:1 Slopes г О 20 Reserve Pit 30 8' DEEP 5 78° E LAYDOWN 10' Wellhead to front Wellhead to back ① 4 100' 85' -0--0-90 Melihead to side 80 Hancock Gas Com Wellhead Malk-in <u>5</u> Gate 15' Powerpole () F4 (3) Wellpad Tani Shed ② F3 0.634 'Acres 10 20 A-A'5660' 5650 5640 B-B' 5660' 5650' 5640 C-C' 5660' 5650' 5640'

Note: Contractor should call One-Call for location of any marked or unmarked buried pipelines or cables

