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William F. Carr

wcarr@hollandhart.com

August 22, 2002

HAND-DELIVERED

Lori Wrotenbery, Director
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
2040 South Pacheco Street
Santa Fe, New Mexico 87505

RECEIVED

AUG 22 2002

Oil Conservation Division

Re:

Application of Mallon Oil Company for Administrative Approval of simultaneous dedication of wells to 17 standard gas spacing units in the Cabresto Canyon-Tertiary Pool, Rio Arriba County, New Mexico.

Dear Ms. Wrotenbery:

Pursuant to the provisions of the Division Rule 104.D (3) Mallon Oil Company ("Mallon") hereby files its application for an exception to the provisions of Division Rule 104.B (3) for approval of simultaneous dedication of all producing gas wells identified hereinafter on 17 standard 160-acre gas spacing and proration units in the Cabresto Canyon-Tertiary Pool. While the approval of this application in the Cabresto Canyon-Tertiary Pool will result in spacing of less than 160 acres per well, no spacing unit will have more than one well producing from a separate source of supply within the Cabresto Canyon-Tertiary Pool.

Mallon is the sole owner and operator of oil and gas mineral rights under the following four contract areas within the Jicarilla Apache Tribal Lands in Rio Arriba County, New Mexico:

(1) Indian Mineral Development Agreement ("IMDA") No. 701-98-0013 currently comprising the following described 29,789.51 acres, more or less:

TOWNSHIP 28 NORTH, RANGE 2 WEST, NMPM

Sections 3 through 9:

All

Section 10:

NW/4

Sections 17 and 18:

All

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TOWNSHIP	29 NORTH.	RANGE 2	WEST.	NMPM

Sections 4 through 9: All Sections 15 through 23: All Sections 26 through 34: All

TOWNSHIP 29 NORTH, RANGE 3 WEST, NMPM

Sections 1 and 2: All Sections 11 through 14: All Section 24: All

TOWNSHIP 30 NORTH, RANGE 3 WEST, NMPM

Section 25: All Sections 27: All Section 28: E/2Sections 33 through 36: All

(2) IMDA 701-90-0002 currently comprising the following described 1219.02 acres, more or less:

TOWNSHIP 30 NORTH, RANGE 3 WEST, NMPM W/2

Section 28:

TOWNSHIP 31 NORTH, RANGE 3 WEST, NMPM

Section 5: W/2Section 6: S/2 Section 32: S/2

(3) Jicarilla Contract No. 451 currently comprising 2536.29 acres, more or less, of the following described lands:

TOWNSHIP 29 NORTH, RANGE 3 WEST, NMPM

Sections 3 and 4: All Sections 9 and 10: All

(4) Jicarilla Contract No. 452 currently comprising 2235.53 acres, more or less, of the following described lands:

TOWNSHIP 29 NORTH, RANGE 3 WEST, NMPM

Sections 5 through 8: All

Mallon is partial owner but sole operator of oil and gas mineral rights underlying all or portions of seven other offsetting contract areas within the

August 22, 2002 Page 3

Jicarilla Apache Tribal Lands in Rio Arriba County, New Mexico as further described below:

(1) Jicarilla Contract No. 457 currently comprising 2532.97 acres, more or less, of the following described lands:

TOWNSHIP 30 NORTH, RANGE 3 WEST, NMPM

Sections 3 and 4:

All

Sections 9 and 10:

All

(2) Jicarilla Contract No. 458 currently comprising 2249.19 acres, more or less, of the following described lands:

TOWNSHIP 30 NORTH, RANGE 3 WEST, NMPM

Sections 5 through 8:

All

(3) Jicarilla Contract No. 459 currently comprising 2267.20 acres, more or less, of the following described lands:

TOWNSHIP 30 NORTH, RANGE 3 WEST, NMPM

Sections 17 through 20:

All

(4) Jicarilla Contract No. 460 currently comprising 1999.99 acres, more or less, of the following described lands:

TOWNSHIP 30 NORTH, RANGE 3 WEST, NMPM

Sections 15 and 16:

All

Section 21:

All

(5) Jicarilla Contract No. 461 currently comprising 1972.12 acres, more or less, of the following described lands:

TOWNSHIP 30 NORTH, RANGE 3 WEST, NMPM

Sections 13 and 14:

All

Section 24:

All

(6) Jicarilla Contract No. 462 currently comprising 1920.00 acres, more or less, of the following described lands:

TOWNSHIP 30 NORTH, RANGE 3 WEST, NMPM

Sections 22 and 23:

All

Section 26:

All

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(7) Jicarilla Contract No. 464 currently comprising 2409.62 acres, more or less, of the following described lands:

TOWNSHIP 30 NORTH, RANGE 3 WEST, NMPM Sections 29 through 32: All

Mallon is the operator of all spacing units to which it proposes to simultaneously dedicate wells. Furthermore, Mallon is the operator of all spacing units that offset the spacing units for which Mallon seeks approval of the simultaneous dedication of wells.

On August 31, 1999, certain amendments to Division Rule 104 became effective; therefore, those gas bearing zones developed on 160-acre spacing that are the subject of this application (the Cabresto Canyon-Tertiary Pool and the East Blanco-Pictured Cliffs Pool) within the boundary formed by combining all of the above-described Jicarilla Apache contract areas, are subject to current statewide rules for gas wells, which provide for: (i) 160-acre spacing and proration units, or drilling units; (ii) requires that wells be located no closer than 660 feet from the outer boundary of such tract nor closer than 10 feet to any quarter-quarter section or subdivision inner boundary; and (iii) limits the number of wells for each 160-acre drilling tract to only one.

On September 5, 2000, the Oil Conservation Division entered Nomenclature Order No. R-11445 which consolidated the Cabresto Canyon-San Jose Pool, the Cabresto Canyon-Nacimiento Pool and the Cabresto Canyon-Ojo Alamo Pool into one pool named the Cabresto Canyon-Tertiary Pool. Prior to the consolidation of these pools, Mallon had drilled wells to the San Jose formation on 15 of the 17 standard spacing units which are the subject of this application. When drilled, each of these 15 wells was drilled and completed in the Cabresto Canyon-San Jose Pool which was classified by the Division as a separate pool. However, at the time each of the subject San Jose formation wells was drilled, there was an existing well drilled to and completed in either the Nacimiento Formation, Cabresto Canyon-Nacimiento Pool, or the Ojo Alamo formation, Cabresto Canyon-Ojo Alamo Pool. Therefore, when the pools were consolidated on September 5, 2000, even though each well produced from a separate source of supply in the Tertiary formation, there were two wells in the new Cabresto Canyon-Tertiary Pool on each of these 15 spacing and proration units.

In addition to the 15 wells discussed above, the Jicarilla "459-20" No. 12 was drilled to the Pictured Cliffs formation on May 19, 1998 and the Jicarilla

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"459-20" SJ Well No. 12 was drilled and completed in the San Jose formation on August 29, 1998. The original well, the Jicarilla "459-20" Well No. 12 was then recompleted to the Ojo Alamo interval of the Cabresto Canyon-Tertiary Pool on July 8, 2001. See paragraph N below. Also, the Jicarilla "30-03-34" SJ Well No. 4 was drilled to the San Jose interval in the Cabresto Canyon-Tertiary Pool on January 28, 2000 and the Jicarilla "30-03-34" Well No. 4 was drilled to the Pictured Cliffs interval but completed in the Nacimiento and Ojo Alamo intervals of the Cabresto Canyon-Tertiary Pool on May 7, 2001. See paragraph Q below.

Mallon seeks an order approving the simultaneous dedication of the wells identified below to the following 17 standard spacing and proration units in the Cabresto Canyon-Tertiary Pool, in Rio Arriba County, New Mexico:

- A. To the standard gas spacing and proration unit comprised of the SE/4 of Section 7, Township 30 North, Range 3 West, NMPM, Mallon seeks approval of the simultaneous dedication of:
 - (1) the Jicarilla "458" SJ Well No. 2 (API No. 30-039-26182) located 864' from the South line and 1345 feet from the East line (Unit O) which is completed in the San Jose interval of the Cabresto Canyon-Tertiary Pool (perforated intervals 1452' to 1646'), and
 - the Jicarilla "458" Well No. 2 (API No. 30-039-2486) located 782 feet from the South line and 1446 feet from the East line (Unit O) which is completed in the the Ojo Alamo interval of Cabresto Canyon-Tertiary Pool (perforated intervals 3088'to 3174'). In this well the Pictured Cliffs formation is isolated below a cast iron bridge plug.
- B. To the standard gas spacing and proration unit comprised of the SW/4 of Section 8, Township 30 North, Range 3 West, NMPM, Mallon seeks approval of the simultaneous dedication of:
 - (1) the Jicarilla "458–8" SJ Well No. 9 (API No. 30-039-26233) located 1450 feet from the South line and 1350 feet from the West line (Unit K) which is completed in the San Jose interval of the Cabresto Canyon-Tertiary Pool (perforated intervals 1480'to 1745'), and

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- the Jicarilla "458-8" Well No. 9 (API No. 30-039-25758) located 1450 feet from the South and West lines (Unit K) which is completed in the the Ojo Alamo interval of the Cabresto Canyon-Tertiary Pool (perforated interval 3080' to 3126').
- C. To the standard gas spacing and proration unit comprised of the SE/4 of Section 8, Township 30 North, Range 3 West, NMPM, Mallon seeks approval of the simultaneous dedication of:
 - the Jicarilla "458-8" SJ Well No. 10 (API No. 30-039-26178) located 784 feet from the South line and 1286 feet from the East line (Unit P) which is completed in the San Jose interval of the Cabresto Canyon-Tertiary Pool (perforated interval 1462' to 1562'), and
 - (2) the Jicarilla "458-8" Well No. 10 (API No. 30-039-25862) located 800 feet from the South line and 1190 feet from the East line (Unit P) which is dually completed in the Nacimiento interval of the Cabresto Canyon-Tertiary Pool (perforated interval 2741' to 2960') and the Ojo Alamo interval of the Cabresto Canyon- Tertiary Pool (perforated interval 3099' to 3150'), However, the NAciemiento interval is currently shut-in.
- D. To the standard 151.31-acre gas spacing and proration unit comprised of the NE/4 of Section 8, Township 30 North, Range 3 West, NMPM, Mallon seeks approval of the simultaneous dedication of:
 - (1) the Jicarilla "458-8" SJ Well No. 7 (API No. 30-039-26271) located at an approved unorthodox well location (Division Administrative Order NSL-4355) 2301 feet from the North line and 868 feet from the East line (Unit H) which is completed in the San Jose interval of the Cabresto Canyon-Tertiary Pool (perforated interval 1417' to 1538'), and
 - (2) the Jicarilla "458-8" Well No. 7 (API No. 30-039- 25759) located at an approved unorthodox well location (Division Administrative Order NSL-3993/3993A) 2270 feet from the North line and 795 feet from the East line (Unit H) which

August 22, 2002 Page 7

is downhole commingled in the Ojo Alamo interval of the Cabresto Canyon-Tertiary Pool (perforated interval 3133' to 3200') and the Naciemiento interval of the Cabresto Canyon –Tertiary Pool (perforated interval 2920'-3046').

- E. To the 152.12-acre standard gas spacing and proration unit comprised of the NW/4 of Section 9, Township 30 North, Range 3 West, NMPM, Mallon seeks approval of the simultaneous dedication of:
 - (1) the Jicarilla "457-9" SJ Well No. 2 (API No. 30-039-25905) located 719 feet from the North line and 802 feet from the West line (Unit D) which is completed in the San Jose interval of the Cabresto Canyon-Tertiary Pool (perforated interval 1030' to 1703'), and
 - (2) the Jicarilla "457-9" Well No. 2 (API No. 30-039-26064) located 695 feet from the North line and 731 feet from the West line (Unit D) which is downhole commingled in the Ojo Alamo interval of the Cabresto Canyon-Tertiary Pool (perforated interval 3205' to 3282') and the Nacimiento interval of the Cabresto Canyon-Tertiary Pool (perforated interval 2372'-2392').
- F. To the standard gas spacing and proration unit comprised of the SW/4 of Section 9, Township 30 North, Range 3 West, NMPM, Mallon seeks approval of the simultaneous dedication of:
 - (1) the Jicarilla "457" SJ Well No. 1 (API No. 30-039-26245) located 1498 feet from the South line and 1244 feet from the West line (Unit L) which is completed in the San Jose interval of the Cabresto Canyon-Tertiary Pool (perforated interval 1451' to 1622'), and
 - the Jicarilla "457" Well No. 1 (API No. 30-039-24106) located 1450 feet from the South line and 1190 feet from the West line (Unit L) which is completed in the Ojo Alamo interval of the Cabresto Canyon-Tertiary Pool (perforated interval 3146' to 3247'). In this well the Pictured Cliffs formation is isolated below the cast iron bridge plug.

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- G. To the standard gas spacing and proration unit comprised of the NW/4 of Section 16, Township 30 North, Range 3 West, NMPM, Mallon seeks approval of the simultaneous dedication of:
 - (1) the Jicarilla "460-16" SJ Well No. 1 (API No. 30-039-25942) located 1940 feet from the North line and 734 feet from the West line (Unit E) which is completed in the San Jose interval of the Cabresto Canyon-Tertiary Pool (perforated interval 1520' to 1778'), and
 - (2) the Jicarilla "460-16" Well No. 1 (API No. 30-039-25760) located 1850 feet from the North line and 690 feet from the West line (Unit E) which is completed in the Ojo Alamo interval of the Cabresto Canyon-Tertiary Pool (perforated interval 3164' to 3208').
- H. To the standard gas spacing and proration unit comprised of the SW/4 of Section 16, Township 30 North, Range 3 West, NMPM, Mallon seeks approval of the simultaneous dedication of:
 - (1) the Jicarilla "460-16" SJ Well No. 4 (API No. 30-039-26238) located 771 feet from the south line and 1198 feet from the West line (Unit M) which is completed in the San Jose interval of the Cabresto Canyon-Tertiary Pool (perforated interval 1618' to 1682'), and
 - the Jicarilla "460-16" Well No. 4 (API No. 30-039-2578 5) located 840 feet from the South line and 1180 feet from the West line (Unit M) which is completed in the Ojo Alamo interval of the Cabresto Canyon-Tertiary Pool (perforated interval 3247' to 3291').
- I. To the standard gas spacing and proration unit comprised of the NW/4 of Section 17, Township 30 North, Range 3 West, NMPM, Mallon seeks approval of the simultaneous dedication of:
 - (1) the Jicarilla "459 SJ" Well No. 8 (API No. 30-039-26230) located at an approved unorthodox well location (Division Administrative Order NSL-4355) 286 feet from the North line and 1173 feet from the West line (Unit D) which is completed in the San Jose interval of the Cabresto Canyon-Tertiary Pool (perforated interval 1473' to 1622'), and

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- the Jicarilla "459" Well No. 8 (API No. 30-039- 24305) located at an approved unorthodox well location (Division Administrative Order NSL-2576A) 287 feet from the North line and 1072 feet from the West line (Unit C) which is completed in the the Ojo Alamo interval of the Cabresto Canyon-Tertiary Pool (perforated interval 3124' to 3222'). In this well the Pictured Cliffs formation is isolated below a cast iron bridge plug.
- J. To the standard gas spacing and proration unit comprised of the SE/4 of Section 18, Township 30 North, Range 3 West, NMPM, Mallon seeks approval of the simultaneous dedication of:
 - (1) the Jicarilla "459" SJ Well No. 1 (API No. 30-039-26241) located 1572 feet from the South line and 896 feet from the East line (Unit I) which is completed in the San Jose interval of the Cabresto Canyon-Tertiary Pool (perforated interval 1502' to 1722'), and
 - (2) the Jicarilla "459" Well No. 1 (API No. 30-039-24087) located 1665 feet from the South line and 940 feet from the East line (Unit I) which is completed in the the Ojo Alamo interval of the Cabresto Canyon-Tertiary Pool (perforated interval 3136' to 3194'). In this well the Pictured Cliffs formation is isolated below a cast iron bridge plug
- K. To the standard gas spacing and proration unit comprised of the NW/4 of Section 20, Township 30 North, Range 3 West, NMPM, Mallon seeks approval of the simultaneous dedication of:
 - (1) the Jicarilla "459" SJ Well No. 2 (API No. 30-039-26232) located 1648 feet from the North line and 700 feet from the West line (Unit E) which is completed in the San Jose interval of the Cabresto Canyon-Tertiary Pool (perforated interval 1549' to 1592'), and
 - (2) the Jicarilla "459" Well No. 2 (API No. 30-039-24157) located 1648 feet from the North line and 800 feet from the West line (Unit E) which is completed in the Ojo Alamo interval of the Cabresto Canyon-Tertiary Pool (perforated

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interval 3228' to 3252'). In this well the Pictured Cliffs formation is isolated below a cast iron bridge plug.

- L. To the standard gas spacing and proration unit comprised of the SE/4 of Section 20, Township 30 North, Range 3 West, NMPM, Mallon seeks approval of the simultaneous dedication of:
 - (1) the Jicarilla "459-20" SJ Well No. 12 (API No. 30-039-25941) located 849 feet from the South line and 1888 feet from the East line (Unit O) which is completed in the San Jose interval of the Cabresto Canyon-Tertiary Pool (perforated interval 1059' to 1790'), and
 - the Jicarilla "459-20" Well No. 12 (API No. 30-039-25855) located 790 feet from the South line and 1845 feet from the East line (Unit O) which is downhole commingled in the Pictured Cliffs formation, East Blanco-Pictured Cliffs Pool (perforated interval 3778' to 3848') and the Ojo Alamo interval of the Cabresto Canyon-Tertiary Pool (perforated interval 3276' to 3312').
- M. To the standard 175.86-acre gas spacing and proration unit comprised of the SW/4 of Section 21, Township 30 North, Range 3 West, NMPM, Mallon seeks approval of the simultaneous dedication of:
 - (1) the Jicarilla "460" SJ Well No. 2 (API No. 30-039-26229) located 787 feet from the south line and 987 feet from the West line (Unit M) which is completed in the San Jose interval of the Cabresto Canyon-Tertiary Pool (perforated interval 1577' to 1726'), and
 - (2) the Jicarilla "460" Well No. 2 (API No. 30-039-24112) located 790 feet from the South line and 890 feet from the West line (Unit M) which is completed in the Ojo Alamo interval of the Cabresto Canyon-Tertiary Pool (perforated interval 3224' to 3286'). In this well the Pictured Cliffs formation is isolated below a cast iron bridge plug.
- N. To the standard gas spacing and proration unit comprised of the SW/4 of Section 28, Township 30 North, Range 3 West, NMPM, Mallon seeks approval of the simultaneous dedication of:

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- (1) the Jicarilla "30-03-28" SJ Well No. 1 (API No. 30-039-26239) located 1195 feet from the South line and 873 feet from the West line (Unit M) which is completed in the San Jose interval of the Cabresto Canyon-Tertiary Pool (perforated interval 1537' to 1579'), and
- the Jicarilla "30-03-28" Well No. 1 (API No. 30-039-25130) located 1195 feet from the South line and 773 feet from the West line (Unit M) which is completed in the Ojo Alamo interval of the Cabresto Canyon-Tertiary Pool (perforated interval 3149' to 3231'). In this well the Pictured Cliffs formation is isolated below a cast iron bridge plug.
- O. To the standard 177.31-acre gas spacing and proration unit comprised of the SW/4 of Section 29, Township 30 North, Range 3 West, NMPM, Mallon seeks approval of the simultaneous dedication of:
 - (1) the Jicarilla "464" SJ Well No. 8 (API No. 30-039-26234) located 1844 feet from the south line and 1345 feet from the West line (Unit K) which is completed in the San Jose interval of the Cabresto Canyon-Tertiary Pool (perforated interval 1600' to 1642'), and
 - (2) the Jicarilla "464" Well No. 8 (API No. 30-039-24253) located 1850 feet from the South line and 1450 feet from the West line (Unit K) which is completed in the Ojo Alamo interval of the Cabresto Canyon-Tertiary Pool (perforated interval 3256' to 3308'). In this well the Pictured Cliffs formation is isolated below a cast iron bridge plug.
- P. To the standard gas spacing and proration unit comprised of the NW/4, Section 29, Township 30 North, Range 3 West, NMPM, Mallon seeks approval of the simultaneous dedication of:
 - (1) the Jicarilla "464" SJ Well No. 7 (API No. 30-039-26244) located 1282 feet from the North line and 1152 feet from the West line (Unit D) which is completed (currently shut-

August 22, 2002 Page 12

- in) in the San Jose interval of the Cabresto Canyon-Tertiary Pool (perforated interval 1701' to 1720'), and
- the Jicarilla "464" Well No. 7 (API No. 30-039-24301) located 1190 feet from the North line and 1194 feet from the West line (Unit D) which is completed in the Ojo Alamo interval of the Cabresto Canyon-Tertiary Pool (perforated interval 3286' to 3334'). In this well the Pictured Cliffs formation is isolated below a cast iron bridge plug.
- Q. To the standard gas spacing and proration unit comprised of the SE/4, Section 34, Township 30 North, Range 3 West, NMPM, Mallon seeks approval of the simultaneous dedication of:
 - (1) the Jicarilla "30-03-34" SJ Well No. 4 (API No. 30-039-26326) located 2039 feet from the south line and 1977 feet from the East line (Unit J) which is completed in the San Jose interval of the Cabresto Canyon-Tertiary Pool (perforated interval 1648' to 1806'), and
 - (2) the Jicarilla "30-03-34" Well No. 4 (API No. 30-039-26733) located 2066 feet from the South line and 2018 feet from the East line (Unit J) which is downhole commingled in the Naciemiento interval of the Cabresto Canyon-Tertiary Pool (perforated interval 2647' to 2667') and in the Pictured Cliffs formation, East Blanco-Pictured Cliffs Pool and the Ojo Alamo interval of the Cabresto Canyon-Tertiary Pool (perforated interval 3168' to 3234').

Attached hereto as **Exhibit A** is a plat which shows the subject 160-acre spacing units. **Exhibit B** is a book which contains data on each well which is the subject of this application including a copy of Oil Conservation Division Forms C-102 for each well which shows its surveyed location on each of the subject spacing units and related completion information which confirms the data set forth in this application.

Although each of these wells is operated by Mallon and each is located in one of the contract areas defined hereinabove, there are other working interest owners in certain of the offsetting Mallon operated spacing units which are the subject of this application. **Exhibit C** lists the parties which are affected by this application. A copy of this application, including a copy of

August 22, 2002 Page 13

the plat described above has been sent to these affected parties by certified mail-return receipt requested in accordance with Rule 1207 (A)(2) advising them that if they have an objection to this application it must be filed in writing with the Division's Santa Fe office within twenty days from the date this notice was sent.

A draft order for your consideration approving this application has been E-mailed to the Division and is enclosed in hard copy and on computer disk.

Your attention to this application is appreciated.

Very truly yours

William F. Carr

Attorney for Mallon Oil Company

Enclosures

cc: George Mallon

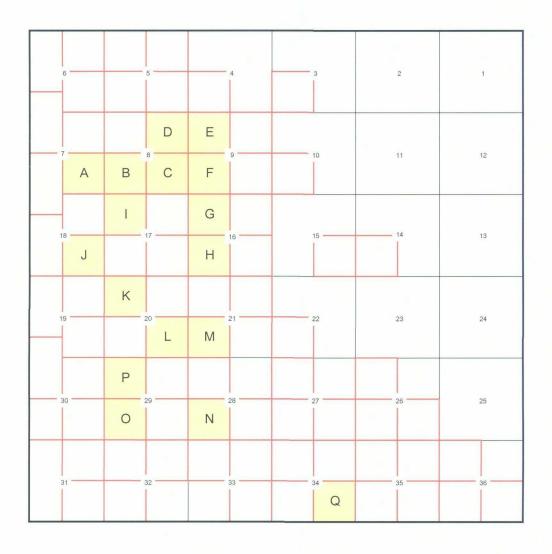
Don Erickson

Patti L. Davis, CPL

Oil Conservation Division-Aztec

EXHIBIT "A"

Attached to Application for Simultaneous Dedication of Wells Cabresto Canyon - Tertiary Pool Township 30 North, Range 3 West, NMPM Rio Arriba County, New Mexico



Ref	WELL NAME	Formation	WELL NAME	Formation
A	Jicarilla 458 SJ #2	San Jose	Jicarilla 458 #2	Ojo Alamo (PC below CIBP)
В	Jicarilla 458-8 SJ #9	San Jose	Jicarilla 458-8 #9	Ojo Alamo
C	Jicarilla 458-8 SJ #10	San Jose	Jicarilla 458-8 #10	Ojo Alamo (Nacimiento SI)
D	Jicarilla 458-8 SJ #7	San Jose	Jicarilla 458-8 #7	Ojo Alamo
E	Jicarilla 457-9 SJ #2	San Jose	Jicarilla 457-9 #2	Ojo Alamo / Nacimiento
F	Jicarilla 457 SJ #1	San Jose	Jicarilla 457 #1	Ojo Alamo (PC below CIBP)
G	Jicarilla 460-16 SJ #1	San Jose	Jicarilla 460-16 #1	Ojo Alamo
Н	Jicarilla 460-16 SJ #4	San Jose	Jicarilla 460-16 #4	Ojo Alamo
Ī	Jicarilla 459 SJ #8	San Jose	Jicarilla 459 #8	Ojo Alamo (PC below BP)
J	Jicarilla 459 SJ #1	San Jose	Jicarilla 459 #1	Ojo Alamo (PC below CIBP)
K	Jicarilla 459 SJ #2	San Jose	Jicarilla 459 #2	Ojo Alamo (PC below CIBP)
L	Jicarilla 459-20 SJ #12	San Jose	Jicarilla 459-20 #12	Pictured Cliffs / Ojo Alamo
M	Jicarilla 460 SJ #2	San Jose	Jicarilla 460 #2	Ojo Alamo (PC below CIBP)
N	Jicarilla 30-03-28 SJ #1	San Jose	Jicarilla 30-03-28 #1	Ojo Alamo (PC below CIBP)
0	Jicarilla 464 SJ #8	San Jose	Jicarilla 464 #8	Ojo Alamo (PC below CIBP)
P	Jicarilla 464 SJ #7	San Jose (SI)	Jicarilla 464 #7	Ojo Alamo (PC below CIBP)
Q	Jicarilla 30-03-34 SJ #4	San Jose	Jicarilla 464 #3	Ojo Alamo / Nacimiento

EXHIBIT_C

APPLICATION OF MALLON OIL COMPANY FOR ADMINISTRATIVE APPROVAL OF THE SIMULTANEOUS DEDICATION OF WELLS TO 17 SPACING UNITS IN THE CABRESTO CANYON-TERTIARY POOL, RIO ARRIBA COUNTY, NEW MEXICO.

NOTIFICATION LIST

El Paso Natural Gas Company Post Office Box 1492 El Paso, Texas 79978

Mr. Rich Corcoran Energen Resources Corporation 2198 Bloomfield Highway Farmington, NM 87401

Robert L. Bayless P. O. Box 168 Farmington, NM 87401

Schalk Development Co. P. O. Box 25825 Albuquerque, NM 87125

Patrick Hegarty Synergy Operating, LLC P. O. Box 5513 Farmington, NM 87499

Robert, Peter and John Simmet Simcote, Inc. 1645 Red Rock Road St. Paul, MN 55119-6014

Eugene A. Lehman 68668 Blanchard Street Sturgis, MI 49091 Bayless Grandchildren's Trust C/o Tommy Roberts, Trustee Post Office Box 129 Farmington, NM 87499

J. M. Huber Corp. 11451 Katy Freeway, Suite 400 Houston, Texas 77079-2001

J. M. Huber Corp. 1900 W LP S Houston, Texas 77027

Burlington Resources Oil & Gas Co. 801 Cherry Street Fort Worth, Texas 76102

Richard W. Stout Post Office Box 563 Bristol, Indiana 46507

Phillip G. Lux 54369 Susquehanna Court Elkhart, IN 46516

James R. Conway, Trustee 912 Cheney Marion, OH 43302 William G. Dedert Dedert Corporation 2000 Governors Drive Olympia Fields, IL 60461 Roger R. Mitchell 113 Cypress Dove Lane Mooresville, NC 28117

Mr. Thurman Velarde Jicarilla Apache Nation Oil & Gas Administration Post Office Box 507 Dulce, New Mexico 87528 Kevin M. Fitzgerald 66 North Ranch Road Littleton, Colorado 80127

Ken Kamon Post Office Box 10589 Midland, Texas 79702 Jaco Production Company Post Office Box 1807 Bakersfield, CA 93303

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William F. Carr

wcarr@hollandhart.com

August 22, 2002

<u>CERTIFIED MAIL</u> RETURN RECEIPT REQUESTED

TO ALL AFFECTED PARTIES

Re: Application of Mallon Oil Company for administrative approval of the simultaneous dedication of wells to 17 gas spacing and proration units in the Cabresto Canyon-tertiary Pool, Rio Arriba County, New Mexico.

Ladies and Gentlemen:

This letter is to advise you that Mallon Oil Company has filed the enclosed application with the New Mexico Oil Conservation Division seeking approval of the simultaneous dedication of wells to 17 standard gas spacing and proration units in the Tertiary formation, Cabresto Canyon-Tertiary Pool. A plat showing the location of the subject spacing and proration units in Township 30 North, Range 3 West, NMPM, Rio Arriba County, New Mexico is also enclosed.

As the owner of an interest which may be affected by this application you my object and request that it be set for hearing before a Division Examiner. All objections must be in writing and received by the Division at its Santa Fe office located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505 within 20 days of the date of this letter. In the absence of objection, this administrative application may be approved by the Division Director.

ery truly yours,

William F. Carr

ATTORNEY FOR MALLON OIL

COMPANY

Enclosures

cc: Ms. Patti Davis

Stogner, Michael

From:

Stogner, Michael

Sent:

Monday, September 23, 2002 3:50 PM

To: Cc: Ezeanyim, Richard Wrotenbery, Lori

Subject:

Mallon

Per your verbal directions to be this afternoon (3:00 p.m.), it is my understanding that Mallon's administrative request for simultaneous dedication on 17 existing spacing units and their pending Case No. 12892 are now considered my two priority assignments. As discussed it will be necessary for the Division to first consider the SD request before issuing a decision in Case No. 12892, since it was at the hearing in Aztec that their blatant disregard to the Division rules was discovered that lead to the SD filing.

Also, as a reminder I will be out tomorrow attending my one-day Leadership and Teambuilding seminar

Mallon Oil Company

EXHIBIT R

San Jose Wells Drilled on Existing Spacing Units Prior to Tertiary Pooling Order No. R-11445 Effective 9/1/2000

Jicarilla 458 SJ No. 2 SE/4 Section 7-30N-3W

DISTRICT I P.O. Box 1980, Hobbs, N.M. 88241-1980

DISTRICT II

DISTRICT IV

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised Febuary 21, 1994

Instructions on back

Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

P.O. Drawer DD, Artesia, N.M. 88211-0719 Rio Brazos Rd., Aztec, N.M. 87410

PO Box 2088, Santa Fe, NM 87504-2088

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, NM 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

30-039-26182-00-00	*Pool Code 97037		*Pool Name CABRISTO CANYON TERTIARY					
Property Code	J	Property ICARILLA 458			5 W.	ell Number 2		
OGRID No.		*Operator	Name		9	⁹ Elevation		
13925		MALLON OIL	CO.			7008'		
		¹⁰ Surface	Location					
UL or lot no. Section Township Re	ange Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		

East/West line Lot Idn Feet from the North/South line Feet from the County

0 7 30-N 3-W SOUTH RIO ARRIBA 864 1345 **EAST** ¹¹ Bottom Hole ga. Location If Different From Surface UL or lot no. North/South line Feet from the Section Township Range Lot Idn Feet from the East/West line County 12 Dedicated Acres 15 Joint or Infill 18 Order No. 14 Consolidation Code 60

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

> N 87" 58' 21" E 4,084.90 OPERATOR CERTIFICATION FD. U.S.G.L.O. BC. 1917 FD. U.S.G.L.O. I hereby certify that the information contained herein is BC. 1917 true and complete to the best of my knowledge and belief Signature ROBERT BLAYLOCK Printed Name 5115.5 DISTRICT MANAGER Title 0 SURVEYOR CERTIFICATION ₹ ras plotted from field notes of actual surveys 5 man Oblitical b Date of Survey 1345 8894 FD. U.S.G.L.O. FD. U.S.G.L.O. Certificate Num BC. 1917 BC. 1917 S 89 52 12 E 4,097.70

Form 3180-5 (JUNE 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

7 0111177 1 110723

Budget Bureau No. 1004-0135

inger poreactivo, 1004-0133

	GEMENT	
SUNDRY NOTICES AND REPOR	OTS ON WELLS	5. Lease Designation and Serial No.
Do not use this form for proposals to drill or to deepen		6. If Indian, Allotte or Tribe Name
Use "APPLICATION FOR PERMIT" for	-	Jicarilla Apache Tribe
SUBMIT IN TRIPLICATE		7. If Unit or CA, Agreement Designation
1. Type of Welf		N/A
Oil Well X Gas Well Other:		
2. Name of Operator	-	8. Well Name and No.
Mallon Oil Company		Jicarilla 458 SJ No. 2
3. Address and Telephone No. 999 - 18th Street, Suite 1700, Denver, CO	80202 (303) 293-2333	9. Well API No. 30-039-26182
	(111)	10. Fleid and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		Cabresto Canyon, San Jose
864' FSL and 1345' FEL (SW SE), Unit O		11. County or Parish, State
Section 7-T30N-R3W		Rio Arriba, New Mexico
12. CHECK APPROPRIATE BOX(S) TO IND	ICATE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		PF ACTION
	-	parama and a second a second and a second a second and a second and a second and a
X Notice of Intent	Abandonment	Change of Plans
	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	X Other: TD Change	Dispose Water
		(Note: Report results of multiple completion on Well
Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates,		Completion or Recompletion Report and Log form)
subsurface locations and measured and true vertical depths for all markers and zones pertine Mallon Oil Company would like to request an ame		e referenced
well. Mallon Oil Company would like to change the	he total depth to 2100'.	,
		RECEP BLA 00 MAR 21 036 ALBUQUE
		REC B 00 MAR 2: Ji- ALBUQ
		LB AR
·		2 8 BC
		AM 10:
		: · · · · · · · · · · · · · · · · · · ·
		7 -
14. I hereby certify that the foregoing is true and correct		•
Signed Linda Q. Wilkins	Title Engineering Technician	Date 3/16/00
(THIS SPACE FOR FEDERAL OR STATE OFFICE USE)		
Approved By Patricia M Hester	ໍ່ພັກຕົວ and Min Title	erai Resource: 4-20-90
Conditions of approval, if any:		
Title 18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make any department	nt or agency of the United States any false, fictitious or frau	idulent statements or representations as
as to any matter within its jurisdiction.	· ·	

CONFIDENTIAL

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND R	EPORTS ON WELLS	5. Lease Designation and Serial No.
Do not use this form for proposals to drill or to d	" 1	6. If Indian, Allotte or Tribe Name
Use "APPLICATION FOR PERM		Jicarilla Apache Tribe
SUBMIT IN TRIPLICATE		7. If Unit or CA, Agreement Designation
. Type of Well		N/A
Oil Well X Gas Well Other:		
. Name of Operator Mallon Oil Company		8. Well Name and No. Jicarilla 458 SJ No. 2
Address and Telephone No.		9, Well API No.
P.O. Box 2797 Durango, CO 81302	(970)382-9100	30-039-26182
		10. Field and Pool, or Exploratory Area
Location of Well (Footage, Sec., T., R., M., or Survey Description)		Cabresto Canyon; San Jose Ext.
364' FSL and 1345' FEL (SW SE) Unit O	:	11. County or Parish, State
Sec. 7, T30N-R03W	•	Rio Arriba, New Mexico
2 CHECK APPROPRIATE BOX(S) TO	O INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE	OF ACTION
X Notice of Intent	Abandonment	Change of Plans
	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	X Other: Spud Sundry	Dispose Water
		(Note: Report results of multiple completion on Well
		Completion or Recompletion Report and Log form)
Mallon Oil Company spud the above referen Drilled 12-1/4" hole, 8-5/8" x 24 lb/ft surface	ced well on November 17, 1999 at 3	
circulated 12 sxs to surface.		<u> </u>
		음 음.
		<u> </u>
	·	$\mathbb{D} = \mathbb{D} = \mathbb{D}$
•		= 69
		Tangan (Tangan) Tangan Tangan
Thereby certify that the foregoing is true and correct		
Signed Chrusty Sarramo	Title <u>Production Clerk</u>	Date 11-1-99
THIS SPACE FOR FEDERAL OR STATE OFFICE USE)	74/2	
	_	

Conditions of approval, if any:

. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as

as to any matter within its jurisdiction.

*See Instruction on Reverse Side

CONFIDENTIAL

	3160-4°
j	1992)

D STATES UN DEPARTME: OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED

OMB	NO.	1004	1-01	37
Expires:	Feb	ruary	28.	1995

	WELL C	OMPLETIC	ON OR	REC	OMPLETI	ON RE	PORT	ANDLO	OG '			i. LEAS	SE DESIGN	Jic 458		RIAL NO.
TYPE OF WE			OIL		GAS WEL X						(B. IF IN	DIAN, ALL	OTTEE C	R TRIB	
b. TYPE OF CO	MPI ETION		WELL [WEL []	DRY [0	THER			}	7 LINIT	Jicarilla AGREEM			<u>be</u>
NEW	WOF		DEE	P-	PLUG	DIF	F							N.A		
WELL X	OVE	R	EN		BACK	RE	SVR					B. FAR	M OR LEA	SE NAME	, WELL	NO.
2. NAME OF OPE	ERATOR												Jicarilla	458 5	SJ No.	2
	,	Mal	llon Oil	Comp	oany			•				API	WELL NO.			
3. ADDRESS AN	D TELEPHO			0707	5	00.01		(07)			.			039-26		
					Durango,				/	2-910	10		LD AND P			
 LOCATION OF At surface 		_{Rep} 31 and 1345			and in accord	fance with	any Stat	le requireme	nts ")		Ì					ose Ext.
At surface	00410	. and 1343	, rr (,	J V V ()	L) Unit U				•			OR ARE		1., OR BL	JOCK AI	ND SURVEY
At top prod. i	nterval repo	rted below 864	l FSI ar	nd 134	15' FEL (S	W SE)	Unit () .				J1 7 11 12	Sec. 7	, T30N	I-R03\	Ν
At total depth	864 FS	SI and 1345	FEL (SW S	E) Unit O		14. P	ermit No. N/A	Dai	e Issued	:		UNTY OR I		13. STA	
15. DATE SPUDI			16. DATE			7. DATE	COM (R	Ready to Pro	d. 18.	ELEVA	TION (DF,	RKB, R	r, GR, 19			HEAD
11/1 7/9 9 20. TOTAL DEPT		<u>, </u>		21/99	ACK TD, MD 8	12	2/22/99) : 네네 카이트 등 주		<u>প্র মোল</u>	7009		ROTARY I	701		SLE TOOLS
20. TOTAL DEPT	IT, MU & IV		21.	PLUGBA	HUK TO, MID 8	100		MANY*	OM		ILLED BY	1	KUIAKI I	0013		SEE TOOLS
	2100'				2028'							<u></u>	Yes	<u>; </u>		No
24. PRODUCING	INTERVAL	(S), OF THIS C	COMPLET	10N - TO	ОР, ВОТТОМ,	NAME (MD AND	TVD*)			[:	25. WA	S DIRECT	IONAL S	URVEY	MADE
. 1641'-16	46', 1474	4'-1485', 14	52'-146	51' Ca	abresto Ca	anyon;	San J	ose Ext.			1			Yes		
26. TYPE ELECT		THER LOGS R	UN									27.	WAS WEL)	
DIL; SDL	אפטנ	 _			ASING RI	ECORI	n (Pa	nort all s	trino	c cat	in well)			No		
28.	G SIZE/GR	ADE	WEIG	HT LB/		TH SET (HOLE SIZ			OF CEMENT	CEME	NTING RE	CORD	AMOU	NT PULLED
	8-5/8"			24		238'		12-1/4			20 sxs T					
	4.4/08			44.6		00071		0.077			2 sxs to					
	4-1/2"			11.6		2097'		6-3/4			50 sxs 5 8 sxs to :					
29.			LI	NER R	ECORD				!		30	Juliac	TUBING	RECO	RD	
SIZE		TOP (MD			OTTOM (MD)	SAC	CKS CEN	MENT SC	REEN	(MD)	SIZE	_ [DEPTH SE	T (MD)		ER SET (MD)
N.A.	4										1.9		1453			
31. PERFORATION	ON RECOR	n .	(Inte	val size	e, and number)			32	A	CID S	HOT, FRA	CTUR	E CEME	NT SO	UFFZF	FTC
		'-1646', 147								ERVAL						ERIAL USED
			F (50 h							1641'-	1646'		cidize 800			
	0	h		1 .						1474'-	1461'		cidize 208			
	Ca	bresto Can	yon; Sa	an Jos	se ⊑ xt.			- 1						•		oam, 17,000 ,000 lbs 12/2
													and	rady of	inu, 20	,000 103 12/2
33.*					PRODUC											
DATE FIRST PRO	2/23/99			PR	RODUCTION N		(Flowing Flowin		mping	- size ar	d type of pu	m WEL	LSTA (Producing Produ	,	In)
DATE OF TEST	00	HOURS TESTE			CHOKE SIZE	1	OD'N FO	1		1	GAS - MCF	ı v	ATER - BI	3L.		-OIL RATIO
12/14/	99		24		3/8"	TE	ST PERI	OD	0	•	197		24	<u> </u>	1	V.A.
FLOW TBG PRES	ss	CASING PRES		-	CALCULATE	D.	OIL - BE	BL (GAS -		WATER		OIL GRA	VITY - A	PI (COR	R.)
50			0		24-HOUR RA	TE	0		197	7	24		,	N.A.		
34. DISPOSITIO	N OF GAS	L	(Sold, use	ed for fue	lel, vented, etc.	<u>-)</u>)					TEST W	ITNESS	ED BY			
·		Sold									J. A	ngel		<u> </u>		· · · · · · · · · · · · · · · · · · ·
35. LIST OF ATT	ACHMENTS	S														
26. I horoby porti	futbat the fa	rogoing and att	ached info	- ation	is complete a	ad correct	t an data	minad from	all o	silabla s			_			

								٠	ا براد	2. July 1	
									FORMATION	eries):	
	·: ·:		e e e e e e e e e e e e e e e e e e e			٠.			TOP	th interval tested,	
									воттом	cushion used, time	
·									DESCRIPTION, CONTENTS, ETC	sts, including depth interval tested, cushion used, time tool open, flowing and shut-in	
									, ETC.	sures, and	
							San Jose		NAME	GEOLO	
				,			1405'	MEAS. DEPTH	10	GEOLOGIC MARKERS	
						931/4		VERT DEPTH	TOP		

CONFIDENTIAL

Form 3160-3 (July 1992) RESERVE UNITED STATES

SUBMIT IN TRUPLICATE

FORM APPROVED

er instructions on OMB NO, 1004-0136

A	DEPARTMEN	IT OF THE INTERIO)K	reverse side)		Expires February 28	1, 1995
<u> </u>		AND MANAGEMENT	· · · · · · · · · · · · · · · · · · ·			5. LEASE DESIGNATION AN	D SERIAL NO.
	CAPPLICATION FOR P	ERMIT TO DRILL	OR DEEPE	N		JIC 458	
a. TYPE OF WORK	PW PUERQUE. N	M Deepen	and the second			6. IF INDIAN, ALLOTTEE OR Jicarilla Apache 7. UNIT AGREEMENT NAME	
Oil Well	Gas Well X Other		Single Zone	Multiple Zone	\neg	N/A	20
NAME OF OPERATO	OR .	013925	<u>-</u>			8. FARM OR LEASE NAME,	
. ADDRESS AND TEL	Mallon Oil Company EPHONE NO. P.O. Box 2797	01310	DE	CEIVI		Jicarilla 458SJ No.	226
	Durango, CO 81302	(970) 382-9100				10. FIELD AND POOL, OR V	VILDCAT
	L (Report location clearly and in accordance	ance with any State requirer	nents.*)** (1	<u> 999 - 130</u>	g	Cabresto Canyon, San	
At surface	686' FSL and 1406' FEL (,	/S\0.0	GGM F	. עוניים	11. SEC., T., R., M., OR BLK AND SURVEY OR AREA	•
	686' FSL and 1406' FEL ((0)儿L	GUMO L	0	Sec. 7, T30N-R03V	
4. DISTANCE IN MILE	ES AND DIRECTION FROM NEAREST		•	ए गावाच			13. STATE
5. DISTANCE FROM	50 miles east of Bloomfie		16. NO. OF ACRE			Río Arriba OF ACRES ASSIGNED	NM
OCATION TO NEARE		[16. NO. OF ACRE	S IN LEASE	TO THIS		
PROPERTY OR LEASE			2,560		I O I III	160	
Also to nearest drig. un	· ·		2,000		1		
18. DISTANCE FROM	PROPOSED LOCATION*		19. PROPOSED I	DEPTH	20. RO	TARY OR CABLE TOOLS	······································
TO NEAREST WELL, D	DRILLING, COMPLETED,	100'		1800'	l		
OR APPLIED FOR, ON	THIS LEASE, FT.					Rotary	
	OW WHETHER DF, RT, GR, Etc.)	7008' GR	22. APPROX.DATE	WORK WILL START		09/01/99	
23.	Pf	ROPOSED CASING	ND CEMENT	NG PROGRAM			
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER		SETTING DEP	ГН	QUANTITY OF CE	
12-1/4"	8-5/8"		1#	500'		Circulate to surface	
7-7/8"	4-1/2"	14.	.7#	1800		300 sks 50/50 Poz	w/additiv
A							
well is placed of and Gas Admin archaeology su well APD. If prand abandoned and Gas Order Drilling Program Exhibit 1: Block Exhibit A: Lock Exhibit C: On IN ABOVE SPACE DES	ow Out Preventor Equipmed cation and Elevation Plat ads and Pipelines are Mile Radius Map accepted PROGRAM: If proceedings in the process of	ome additional pace additional pace additional re-ons mental assessme if the cemented at with Federal regula collowing attachme ent/Plan	I extension riting the well th	may be required to pad as long as ously submitted roductive, the value of the programs as Drilling Site La Production Fact H2S Continger Archaeology Ructive zone and propose	I. The sany rational and the sany rational a	Jicarilla oil equired r the initial I be plugged n-shore Oil	07/26/99
(This space for Federal	<u> </u>						
PERMIT NO.				'APPROVAL	DATE		
Application approval do	oes not warrant or certify that the applica	int holds legal or equitable ti	tle to those rights in	n the subject lease which	:h would e	entitle the applicant to conduct	
operations thereon.		^ -					
CONDITIONS OF APP	<u></u>	activ	9 +	'm		1011.104	
APPROVED BY	lephen Fischer	TITLE (See Instruction		Meg DA	TE	10/4/59	
		"See instruction	THE OIL LEAGLE	e Jiuc			

Thre 18 U.S.C. Section 1001, makes 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.

OR 3

CONFIDENTIAL

Jicarilla 458 No. 2 SE/4 Section 7-30N-3W

DISTRICT I P.O. Box 1980, Hobbs, N.M. 88241-1980

State of New Mexico ___rgy, Minerals & Natural Resources Department

DISTRICT II P.O. Drawer DD, Artesia, N.M. 88211-0719

Instructions on back Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

Revised Febuary 21, 1994

TRICT III Rio Brazos Rd., Aztec, N.M. 87410

PO Box 2088, Santa Pe, NM 87504-2088

ISTRICT IV

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, NM 87504-2088

☐ AMENDED REPORT

Form C-102

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039-24086-	-00-00	^a Pool Code 97037	°Pool Name CABRISTO CANYON TERTIARY			
*Property Code		5	Property Name		Well Number	
20464		JICA	ARILLA 458		2	
OGRID No.		• (Operator Name		¹ Elevation	
13925		MALLO	ON OIL CO.	,	7008'	
		10			• • • • • • • • • • • • • • • • • • • •	

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	7	30-N	3-W		782	SOUTH	1446	EAST	RIO ARRIBA
			11 Botte	om Hole	Location I	f Different Fr	om Surface		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	,				4*				
18 Dedicated Acre	s is loint	r Infill 14	Consolidatio	Code HO	rder Vo	<u> </u>	L	<u></u>	ــــــــــــــــــــــــــــــــــــــ

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

	16	N 87	58' 21" E 4,084.90'		17 OPERATOR CERTIFICATION
		FD. U.S.G.L.O. BC. 1917		FD. U.S.G.L.O. BC. 1917	I hereby certify that the information contained herein is true and complete to the best of my knowledge and bettef
					Signature
			7	5115.5	ROBERT BLAYLOCK Printed Name DISTRICT MANAGER Title Data
				N O' 01' 33" W	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat cas plotted from field notes of actual surveys made by me or under my supervision one that the same is true and correct to the best of my billist.
25.00		FD. U.S.G.LO. BC. 1917 S 80° 52'	52" E . 4.097.70°	1446' FD. U.S.G.L.O. BC. 1917	Senators and Seal of Professional Surveyors- 8894 Certificate Number

CONFIDENTIAL

Form 3160-4 (July 1992)

UNITLY STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT **AMENDED**

SUBMIT IN DUPLICATE : (See other instructions on reverse side)

FORM APPROVED OMB NO 1004-0137

1.	Expires: February 28, 1995	
-5	LEASE DESIGNATION AND SERIAL N	

VVELLC	OMPLETIC	N OK KE	COMPLE	HON	REPOR	LAND	OG T		JIC	arilla Co	ontrac	t 458
1a TYPE OF WELL	OIL _	GAS						.6				R TRIBE NAME
	WELL	WELL	X DRY	<u>نــ</u> :	OTHER			<u> </u>	Jic	arilla Ap	ache	Tribe
b TYPE OF COMPLETE	ICN .							- 7	7 UNIT	AGREEME	NT NAM	Ε
HEW WOR)IFF				_				
WELLOVE	R X EN	BAC	K F	RESVR	01	HER		8	B FAR	M OR LEAS	E NAME	, WELL NO
2 NAME OF OPERATOR	R							,	Jic	arilla 45	8 No.	2
	Mallon O	il Compan	٧					- 9	9 APIV	VELL NO.		
3 ADDRESS AND TELE		<u>_</u>	<i>/</i>					:	30-	039-24	086	
	P.O. Box	3256, Car	Isbad. N	M 882	20	(505) 8	85-459	96 :1		D AND PO		WILDCAT
4 LOCATION OF WELL										Blanco,		
)' FSL and	-				•		1				OCK AND SURVEY
	, , , , , , , , , , , , , , , , , , , ,							1	OR ARE		.,	00.00
At top prod. interval re	enorted below	790' FSI	and 14	50' FEL	_					•		
The proof intervent					_				Se	c. 7, T3	0N-R3	3W
At total depth 790)' FSL and	1450' FEL		14.	PERMIT N	O. DA	TE ISSU	ED 1				13. STATE
				- 1						Arriba		New Mexico
15. DATE SPUDDED	16. DAT	E TD REACHE	17. DAT	E COMP	(Ready to F	Prod.) 18	ELEVA	TION (DF, RE	(B, RT;	GR. ETC7	19. ELE	V. CASINGHEAD
12/2/86	1	12/9/86	1		/9/97							
20. TOTAL DEPTH, MD	& TVD 21. F	PLUGBACK TD.	MD & TVD		MULTIPLE	OMP.,		ERVALS		ROTARY	OOLS	CABLE TOOLS
20601		2540'		HO	W MANY"		DR	LLED BY		0 7	רח	
3960'		3549'								0 - 7		
24 PRODUCING INTER	IVAL (S), OF THE	S COMPLETIO	N - 10P, BO	LIOM, NA	ME (MD AN	(יטעו ט		12	25. WA	SURECTION	ONAL SU	IRVEY MADE
3088'-3110	', 3134'-31	74' Ojo A	lamo					1		No		
26. TYPE ELECTRIC AN									27.	WAS WELL	CORE)
Bond Log											No	
28.			CASING	RECC	ORD (Re	eport all	strings	s set in w	/ell)			
CASING SIZE/GRAD	DE WEIG	SHT LB/FT	DEPTH SE		I	SIZE		OF CEMENT,		ITING REC	ORD	AMOUNT PULLED
7-5/8"	2	26.4 #	145	;' ———·	9-	7/8"	13	5 sxs Cla	ss B			
												
4-1/2"		1.6#	394			3/4"	22	5 sxs 50/		Z		<u> </u>
4-1/2"	1					3/4"	22)Z		
		11.6#	394			3/4"		5 sxs 50/			10.05	NO.00
29.		LINER	394 RECORD	-5'	6-			5 sxs 50/ 30.	/50 Pc	TUBIN	IG REC	
29.	DP (MD	11.6#	394 RECORD	-5'		3/4"		5 sxs 50/ 30. SIZE	/50 Pc	TUBIN DEPTH SE	T (MD)	PACKER SET (MD)
29.		LINER	394 RECORD	-5'	6-			5 sxs 50/ 30.	/50 Pc	TUBIN	T (MD)	
29. SIZE ! TO	OP (MD	LINER	394 RECORD (MD)	-5'	6-	SCREEN	(MD)	5 sxs 50/ 36. SIZE 2-3/8"	/50 Pc	TUBIN DEPTH SE 2991	T (MD)	PACKER SET (MD) 2991'
29.	OP (MD	LINER	394 RECORD (MD)	-5'	6-	SCREEN	ACID, S	5 sxs 50/ 30. SIZE 2-3/8" SHOT, FR.	ACTUI	TUBIN DEPTH SE 2991 RE, CEM	T (MD)	PACKER SET (MD) 2991' QUEEZE, ETC.
SIZE TO	OP (MD	LINER BOTTOM	394 RECORD (MD)	-5'	6-	SCREEN	ACID, S	5 sxs 50/ 36. SIZE 2-3/8"	ACTUI	TUBIN DEPTH SE 2991 RE, CEM	T (MD)	PACKER SET (MD) 2991'
29. SIZE ! TO	CORD (Inter	LINER	394 RECORD (MD)	-5'	6-	SCREEN 32.	ACID, S	30. SIZE 2-3/8" SHOT, FR.	ACTUI	TUBIN DEPTH SE 2991 RE, CEM	T (MD) ENT, S	PACKER SET (MD) 2991' QUEEZE, ETC. OF MATERIAL USED
29. SIZE TO 31. PERFORATION REC 3088'-3110'	CORD (Inter	LINER BOTTOM	394 RECORD (MD)	-5'	6-	SCREEN 32.	ACID, S	30. SIZE 2-3/8" SHOT, FR.	ACTUI	TUBIN DEPTH SE 2991 RE, CEM AMOUNT A	ENT, S	PACKER SET (MD) 2991' QUEEZE, ETC.
29. SIZE TO 31. PERFORATION REC 3088'-3110'	CORD (Inter	LINER BOTTOM	394 RECORD (MD)	-5'	6-	SCREEN 32.	ACID, S	30. SIZE 2-3/8" SHOT, FR.	ACTUI	TUBIN DEPTH SE 2991 RE, CEM AMOUNT A	ENT, S	PACKER SET (MD) 2991' QUEEZE, ETC. OF MATERIAL USED 70 Quality
31 PERFORATION REC 3088'-3110' 3134'-3174'	CORD (Inter	LINER BOTTOM	RECORD (MD)	SACKS C	6-	SCREEN 32.	ACID, S	30. SIZE 2-3/8" SHOT, FR.	ACTUI	TUBIN DEPTH SE 2991 RE, CEM AMOUNT A	ENT, S	PACKER SET (MD) 2991' QUEEZE, ETC. OF MATERIAL USED 70 Quality
31. PERFORATION REC 3088'-3110' 3134'-3174'	CORD (Inter 4 J	LINER BOTTOM Val. size, and no	RECORD (MD)	SACKS C	6-	32. DE	ACID, SPTH INTE	30. SIZE 2-3/8" SHOT, FR. ERVAL (MO)	ACTUI	TUBIN DEPTH SE 2991 RE, CEM AMOUNT A 65,443 g N2 foam	ENT, S ND KIND pals 75/ with 55	PACKER SET (MD) 2991' QUEEZE, ETC. OF MATERIAL USED 70 Quality 5,800 bis 12/20 sand
31. PERFORATION REC 3088'-3110' 3134'-3174'	CORD (Inter 4 J .34	LINER BOTTOM val. size, and no	RECORD (MD) Jumber) PRODU PRODU ON METHOD	SACKS C	6-	32. DE	ACID, SPTH INTE	30. SIZE 2-3/8" SHOT, FR. ERVAL (MO)	ACTUI	TUBIN DEPTH SE 2991 RE. CEM. AMOUNT AI 65,443 g N2 foam	ENT, S ND KIND pals 75/ with 55	PACKER SET (MD) 2991' QUEEZE, ETC. OF MATERIAL USED 70 Quality
29. SIZE TO 31. PERFORATION REC 3088'-3110' 3134'-3174' 33.* DATE FIRST PRODUCTI 11/16/97	CORD (Inter 4 J .34	LINER BOTTOM Val. size, and no	RECORD (MO) PRODU PRODU PRODU N METHOD Flowing	SACKS C	GEMENT *	32. DE 3088	ACID, SPTH INTE	5 sxs 50/ 30. SIZE 2-3/8" SHOT, FR. ERVAL (MD) 1'	ACTUI	TUBIN DEPTH SE 2991 RE. CEM AMOUNT A 65,443 g N2 foam L STATUS Produ	ENT, S ND KIND gals 75/ with 55	PACKER SET (MD) 2991' QUEEZE, ETC. OF MATERIAL USED 70 Quality 5,800 bis 12/20 sand
29. SIZE TO 31. PERFORATION REC 3088'-3110' 3134'-3174' 33.* DATE FIRST PRODUCTI 11/16/97	CORD (Inter 4 J .34	LINER BOTTOM Val. size, and no	RECORD (MD) PRODU PRODU DN METHOD Flowing SIZE F	JCTION (Flowing	GEMENT *	32. DE	ACID, SPTH INTE	30. SIZE 2-3/8" SHOT, FR. ERVAL (MO)	ACTUI	TUBIN DEPTH SE 2991 RE. CEM. AMOUNT AI 65,443 g N2 foam	ENT, S ND KIND gals 75/ with 55	PACKER SET (MD) 2991' QUEEZE, ETC. OF MATERIAL USED 70 Quality 5,800 bis 12/20 sand
29. SIZE TO 31. PERFORATION REC 3088'-3110' 3134'-3174' 33.* DATE FIRST PRODUCTI 11/16/97 DATE OF TEST	CORD (Inter 4 J .34	LINER BOTTOM Val. size, and no	RECORD (MO) PRODU PRODU N METHOD Flowing SIZE T	SACKS C	GEMENT *	32. DE 3088	ACID, SPTH INTE	SIZE 2-3/8" SHOT, FR. ERVAL (MD)	ACTUI	TUBIN DEPTH SE 2991 RE. CEM AMOUNT A 65,443 g N2 foam L STATUS Produ	ENT, S NO KIND gals 75/ with 55 (Producting BL	PACKER SET (MD) 2991' QUEEZE, ETC. OF MATERIAL USED 70 Quality 5,800 bis 12/20 sand
29. SIZE TO 31. PERFORATION REC 3088'-3110' 3134'-3174' 33.* DATE FIRST PRODUCT: 11/16/97 DATE OF TEST 11/8/97	CORD (Inter 4 J .34	LINER BOTTOM Val. size, and no	RECORD (MD) PRODU PRODU DN METHOD Flowing SIZE F 3/8"	JCTION (Flowing) ROOM FC	g, gas lift, pu	32. DE 3088	ACID, SPTH INTE	5 sxs 50/ 30. SIZE 2-3/8" SHOT, FR. ERVAL (MD) 4' e of pump) GAS - MCF	ACTUI	TUBIN DEPTH SE 2991 RE. CEM AMOUNT AI 65,443 g N2 foam L STATUS Produ	ENT, S ND KIND gals 75/ with 55 (Producting)	PACKER SET (MD) 2991' QUEEZE, ETC OF MATERIAL USED 70 Quality 5,800 bis 12/20 sand Cing or Shut In) GAS-OIL RATIO
29. SIZE TO 31. PERFORATION REC 3088'-3110' 3134'-3174' 33.* DATE FIRST PRODUCT: 11/16/97 DATE OF TEST 11/8/97	CORD (Inter 4 J .34	LINER BOTTOM PRODUCTION CHOKE	RECORD (MD) PRODU PRODU PRODU PRODU PRODU SIZE F T 3/8" ATED	JCTION (Flowing	g, gas lift, pu	32. DE 3088	ACID, SPTH INTE	SIZE 2-3/8" SHOT, FR. ERVAL (MD)	ACTUI	TUBIN DEPTH SE 2991 RE. CEM AMOUNT AI 65,443 g N2 foam L STATUS Produ	ENT, S ND KIND gals 75/ with 55 (Producting)	PACKER SET (MD) 2991' QUEEZE, ETC. OF MATERIAL USED 70 Quality 5,800 bis 12/20 sand
29. SIZE TO 31. PERFORATION REC 3088'-3110' 3134'-3174' 33.* DATE FIRST PRODUCTI 11/16/97 DATE OF TEST 11/8/97 FLOW TBG PRESS	CORD (Inter 4 J .34	LINER BOTTOM Val. size, and no	RECORD (MD) PRODU PRODU PRODU PRODU PRODU SIZE F T 3/8" ATED	JCTION (Flowing) ROOM FC	g, gas lift, pu	32. DE 3088	ACID, SPTH INTE	5 sxs 50/ 30. SIZE 2-3/8" SHOT, FR. ERVAL (MD) 4' e of pump) GAS - MCF	ACTUI	TUBIN DEPTH SE 2991 RE. CEM AMOUNT AI 65,443 g N2 foam L STATUS Produ	ENT, S ND KIND gals 75/ with 55 (Producting)	PACKER SET (MD) 2991' QUEEZE, ETC. OF MATERIAL USED 70 Quality 5,800 bis 12/20 sand cing or Shut In) GAS-OIL RATIO
29. 31. PERFORATION REC 3088'-3110' 3134'-3174' 33. DATE FIRST PRODUCT 11/16/97 DATE OF TEST 11/8/97 FLOW TBG PRESS 400	CORD (Inter 4 J .34 ION HOURS TESTED 24 CASING PRESSI	LINER BOTTOM Val. size, and no SPF dia PRODUCTION CHOKE URE CALCUL 24-HOUI	RECORD (MD) PRODU PRODU DN METHOD Flowing SIZE F ATED R RATE	JCTION (Flowing) ROOM FC EST PERI	g, gas lift, pu	32. DE 3088 Imping - siz OIL - BBL O GAS -	ACID, SPTH INTE	30. SIZE 2-3/8" SHOT, FR. ERVAL (MO) 4' e of pump) GAS - MCF 1420 WATER	ACTUI	TUBIN DEPTH SE 2991 RE. CEM AMOUNT AI 65,443 g N2 foam L STATUS Produ WATER - B	ENT, S ND KIND gals 75/ with 55 (Producting)	PACKER SET (MD) 2991' QUEEZE, ETC OF MATERIAL USED 70 Quality 5,800 bis 12/20 sand Cing or Shut In) GAS-OIL RATIO
29. 31. PERFORATION REC. 3088'-3110' 3134'-3174' 33.* DATE FIRST PRODUCT: 11/16/97 DATE OF TEST 11/8/97 FLOW TBG PRESS 400 34. DISPOSITION OF G. Sold	CORD (Inter 4 J 34 ION HOURS TESTED 24 CASING PRESSI 0 AS (Sold, us	LINER BOTTOM PRODUCTION CHOKE	RECORD (MD) PRODU PRODU DN METHOD Flowing SIZE F ATED R RATE	JCTION (Flowing) ROOM FC EST PERI	g, gas lift, pu	32. DE 3088 Imping - siz OIL - BBL O GAS -	ACID, SPTH INTE	5 sxs 50/ 30. SIZE 2-3/8" SHOT, FR. ERVAL (MD) 4' e of pump) GAS - MCF	WEL SBL	TUBIN DEPTH SE 2991 RE. CEM AMOUNT AI 65,443 g N2 foam L STATUS Produ WATER - B	ENT, S ND KIND gals 75/ with 55 (Producting)	PACKER SET (MD) 2991' QUEEZE, ETC. OF MATERIAL USED 70 Quality 5,800 bis 12/20 sand cing or Shut In) GAS-OIL RATIO
29. 31. PERFORATION REC. 3088'-3110' 3134'-3174' 33. DATE FIRST PRODUCT 11/16/97 DATE OF TEST 11/8/97 FLOW TBG PRESS 400 34. DISPOSITION OF G. Sold 35. LIST OF ATTACHME	CORD (Inter 4 J 34 ION HOURS TESTED CASING PRESSI O AS (Sold, us	LINER BOTTOM Val. size, and not SPF dia PRODUCTION CHOKE URE CALCUL 24-HOUL ed for fuel, vent	PRODUCTION METHOD Flowing SIZE F ATED R RATE ed. etc. J	JCTION (Flowing ROOM FC EST PERI	g, gas lift, pu	SCREEN 32. DE 3088 Imping - siz OIL - BBL O GAS -	ACID, SPTH INTE	5 SXS 50/ 30. SIZE 2-3/8" SHOT, FR. ERVAL (MD) 4' e of pump) GAS - MCF 1420 WATER	WEL TINESS Jef	TUBIN DEPTH SE 2991 RE. CEM AMOUNT AI 65,443 g N2 foam L STATUS Produ WATER - B OIL GR.	ENT, S ND KIND gals 75/ with 55 (Producting)	PACKER SET (MD) 2991' QUEEZE, ETC. OF MATERIAL USED 70 Quality 5,800 bis 12/20 sand cing or Shut In) GAS-OIL RATIO
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*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. 1001 makes 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

Form 3160-4 (November 1983) (formerly 9-330)

UNIT _D STATES

SUBMIT IN DUPLICAL.

(Secother in-

Form approved.	
Budget Bureau No.	1004-013
Expires August 31,	1985

DEPARTMENT OF THE INTERIOR	DEPARTM	FNT	OF	THE	INTERIO	⊃ F
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		MENT OF			ع struc reve	rtions on rse side)	5. LEASE DES	E GNA ROITARDI	SERIAL NO.
		EAU OF LAN					Jic. Con	t. 458	RIRR NAME
	MPLETION			REPORT	AND LO	G *		che Tribe	
1a. TYPE OF WEL	L: OIL WELL	WELL X	DRY .	Other			7. UNIT AGRE	EMENT NAME	
b. TYPE OF COM	PLETION: WORK DEEP	_ mrs_	DIFF.			ļ			
NEW WELL X	OVER EN	BACK L	RESVR.	Other			S. FARM OR I	EASE NAME	
	•						Jic. 458		
Robert L. E	Sayless	<u></u>					#2		
P O Roy 16	8 Farmingt	on NM 874	.99	RF	CEIVE	7		D POOL, UR WILD	CAT
P.O. Box 16	L (Report location	clearly and in ac	cordance with an	y State requir	cmenta)		17:14		
At surface 70	00' FSL & 14	50' FEI.		CE	3 0 4 1987	7	IL SEC., T., R	., M., OR BLOCK A	ND SURVEY
	erval reported below			1 1.1	3 04 1301				
At total depth	same			BUREAU OF	LAND MANAC	SEMENT	. 7	maon Ball	
ne total depair			14. PERMIT NO.				Sec. /,	T30N, R3W	ATE
	same	•		1			PARISH Rio Arri	ha	NM
15. DATE SPUDDED	16. DATE T.D. REA	CHED 17. DATE	COMPL. (Ready to	o prod.) 18	. ELEVATIONS (DF, RKB, R		19. BLEV. CASIS	
12/02/86	12/09/86	12/2	4/86		7008' GI	L; 702	ı' RKB		
20. TOTAL DEPTH, MD		BACK T.D., MD & T		TIPLE COMPL.	, 23. INT	ERVALS LLED BY	ROTARY TOOL	S CABLE	TOOLS
3960'	3891					<u>→ </u>	0 - TD		
24. PRODUCING INTER	VAL(S), OF THIS CO	MPLETION—TOP,	BOTTOM, NAME (N	4D AND TVD)*				25. WAS DIRE	
								No	
PC: 3635 -	3699 ND OTHER LOGS RU	N					<u> </u>	27. WAS WELL C	ORED
								No	
TELL CNL -	FDC; GR/CLI		G RECORD (Rep	ort all strings	set in well)				
CASING SIZE	WEIGHT, LB./FT	. DEPTH SET	(MD) HO	LE SIZE	CE	MENTING F	RECORD	AMOUNT	
7 5/8"	26.4#/ft	145' F		7/8"			w/3% Ca(_
4 1/2"	11.6#/ft	3946'	RKB 6	3/4"	225sx 5	0/50 p	ozmix w/2	2% sel -28	4 ft
29.	<u> </u>	NER RECORD			30.	T	UBING RECO	Pr.	
8125			ACRS CEMENT*	SCREEN (M)			EPTH SET (MD		ET (MD)
					1 17		3652' RKI		
					— <u>-</u>				
31. PERFORATION REC		-		32.	ACID. SHOT	, FRACTI	JRE. CEMENT	SQUEEZE, ETC	1
3635 - 364				DEPTH INT	ERVAL (MD)	AMO	UNT AND KIND	OF MATERIAL U	SED
3661 - 3673 3674 - 3680	-	oles		3635 - 3	3699' RKB	500 g	al 75 DI	weighted	<u>HCL</u>
3690 - 3699	-	•		ļ		w/117		N ball se	
					 			quality 72	
33.*			PROD	CTION		1989.5	50 SCF n	<u>itrogen-73</u>	9 0018
DATE FIRST PRODUCTION	ON PRODUCT	ION METHOD (Flo			and type of pu	mp)	WELL S	TATUS (Producti	ng or
aiting on hook	up. flo	owing						", SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL-BBL.	GAS-M	CF.	WATER-BBL.	GAS-OIL RA	TIO
_01/03/87	3	3/4		-0-	40		-0-		/2022 \
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIIBBI	GAS	1	WATER		OIL GRAVITY-API	(CORE.)
252 psig	802 psig	el vented etc.	1 -0-		3221	- 0		-0-	
	_ (~~, ~, ~, ~, ~, ~, ~, ~, ~, ~, ~, ~, ~,	,				اً	DECO30B	all	
Vented LIST OF ATTACHM	ENTS				-221	10 FOR	14 20 D		
					JUGE PIL	ماسا	BECOG B		
36. I hereby certify t	that the foregoing	and attached info	ormation is compl	ete and corre				cords	
1/0.	m H. III	YMAX		Engin	aar (EB O	NOOF AR	EA 02/02/8	17
SIGNED (VA)	1. (3. 11)	- VT - V -	TITLE	PURTIL	cer ,	Liii .	CHURATE		
	 -					1011:124	. A 12 /2 -	- -	

3074 3301 3430 3633	recoveries): FORMATION TOP BOTTOM DES	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		T.	TOP
ALANO 3074 3301 water LAND 3430 water and natural gas KIKTLAND 3301 1430 3633 natural gas FRUITLAND 3633 P.C. 3633					NAME	MEAS. DEPTH	TRUE VERT. DEPTH
	OJO ALAMO KIRTLAND FRUITLAND P.C.	3074 3301 3430 3633	3301 3430 3633 3961	and natural al gas	OJO ALAMO KIRTLAND FRUITLAND	3074 3301 3430 3633	
					iya .		
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				17.			
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•	UNIT STATES TMENT OF THE INTER EAU OF LAND MANAGEMEN		Budget Bureau No. 1004-0135 Expires August 31, 1985 5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Contract 458
SUNDRY NO (Do not use this form for pro Use "APPL	OTICES AND REPORTS Openals to drill or to deepen or plug ication for PERMIT—" for such in the control of the c	ON WELLS back to a different reservoir. proposals.)	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache Tribe
OIL GAS WELL OTHER			7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR			8. FARM OR LEASE NAME Jicarilla 458
Robert L. Bayless 3. ADDRESS OF OPERATOR P.O. Box 168, Farming	Ttop NM 87499	RECEIVED	9. WELL NO.
4. LOCATION OF WELL (Report location See also space 17 below.) At surface	n clearly and in accordance with any	DEC 04 1986	10. FIELD AND POOL, OR WILDCAT Wildcat
790' FSL & 1450' FEL		JREAU OF LAND MANAGEMENT ARMINGTON RESOURCE AREA	11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA Sec. 7, T30N, R3W
14. PERMIT NO.	15. ELEVATIONS (Show whether D	F, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE
	7008' GL		Rio Arriba NM
	••	Nature of Notice, Report, or C	
NOTICE OF INT	F1		JENT EMPORT OF:
FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other)	MULTIPLE COMPLETE ABANDON* CHANGE PLANS	Completion or Recomp	SUTFACE CSG. of multiple completion on Well letion Report and Log form.)
3 jts., 132.73 ft. Rigged up Dowell. 3% CaCl ₂ . Good cir only 35 sacks pumpe surface with 75 sac	of 7-5/8", 26.4#/ft. Cemented surface casi culation throughout j ed. Circulate cement cks of Class B (88.5 f	ng with 60 sacks of Cob. Did not circulat out of hole. Wait on t.3) cement with 3% C	landed at 145 ft. RKB.
			ACCEPTED FOR RECORD
	•	•	ACCEPTED FOR RECORD
			DÉC 09 1986
_		Ę	FARMINGTON RESOURCE AREA
3. I hereby certify that the foresoing	is and correct TITLE	Operator	DATE 12/4/86
(This space for Federal of State of APPROVED BY CONDITIONS OF APPROVAL, IF	ANY:		DATE

*See Instructions on Reverse Side

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT SANTA FE, NEW MEXICO 87501

L CONSERVATION DIVISION P. O. BOX 2088

Form C-102 Revised 10-1-78

			All distances must	he from the outer has	inductes of the Sec	ilon.		
CIA		D1 277 200	•	Luase				Well 140.
J		BAYLESS	y	JICA	RILIAT 458			2
Unit Letter	S	ection	Township	Range	County			
0		7	30 North	3 W	st	Ric	o Arriba	
Actual Footage	Locali	(Carr	inal)			•		
790			outh line a		feet from th	0_	East	line
Ground Level El	QY.	Producing Form		Pool			Dedic	cated Acreage:
7008		Fruitiano	/Pictured Clif	fs Wildcat				160 Acres
1. Outline	the	acreage dedicat	ed to the subject	well by colored	pencil or hachi	ire :	marks on the pla	it below.
2. If more	than	one lease is	dedicated to the w	ell, outline each	and identify th	ic o	wnership thereo	f (both as to working
interest	and	royalty).						
			•		ie well, have th	e ii	nterests of all o	owners been consoli-
dated by	com	munitization, ur	nitization, force-poo	oling. etc?				
		~			•			
Yes Yes	L] No If an:	swer is "yes;" type	of consolidation	• ————			
16	_ :_	4421 1: 11			1	1	111.4.1	/Ilaa aassaa at la af
		no, list the o	wners and tractide	scriptions which	have actually	De e	n consolidated.	(Use reverse side of
		•	11 .11 .11	11 *	1 11			* *
		_					•	ization, unitization,
_				ird unit, elimina	ling such intere	sts	, has been appro	oved by the Division.
* Kecord	GIL	0 plat 192	<u>z</u>					
		•				- 1	CER	TIFICATION
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		1	1 388 55	1 01.0	74"		I hereby certify	that the information con-
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	* 90			RECEIVE	<u>-</u> D	1	14	
	i					11	Name	,
	3,	Ŋ.		OCT 01 19	SE .	1 }	Robert L. B	ayless
		,		001 QL 13	30		Position	* *
	3	*	RUS	EAU OF LAND MAN	ACEMENIT	1 }	Operator	
	NO. 17'N	4	FA	RMINGTON RESOUR	CE AREA	*C	Robert L. B.	avlece
	2	101	ŀ	. 1	Ĭ.	4	Date Date	
			,	t t		17	9/30/86	
		 }	Se	c. I		ľŀ	9/30/00	<u></u>
		7		111	111	14		
		1			////		I hereby certify	that the well location
					////	0		n was plotted from field
		-			/ / / %	a		surveys made by me or
		5			////	口		sion, and that the same
	*			(\	.		is true and corr	ect to the best of my
	2	*		/ / /	///		kaamladaa aadutta	Tiel
	38.10*	-	4-7-	~~~\-\-\	+-/-/		RO.	(A. RUSH
		4		/ //	.	1 5		36MEX.
	3			carilla	\\		Data Surveyed	1011
	N0°28'E	6	41		450'		(2)	3894)
	웃	Ψ		187	EL		Henlete Tapicas	well inclinated !
	1			, , <u>, , , , , , , , , , , , , , , , , </u>	/ / /=		and or a doubling	1 12 01/2
	.	Ļ	WEST	2.06*	,		130	CINE WILL
4.97*	B.C.	1455.96	. 13	/ 17 /ce	1320'			Complete Mar
4.3/^	2-7	7 7 7					Certificate No.	0
	_	1	(• •	•	'		889 4

Jicarilla 458-8 SJ No. 9 SW/4 Section 8-30N-3W

DISTRICT I P.O. Box 1960, Habbs, N.M. 88841-1960

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102 Revised Febuary 21, 1994 Instructions on back

District ii P.O. Drawer DD. Artesia, N.M. 88911-0719

Submit to Appropriate District Office State Lease — 4 Copies Fee Lease — 3 Copies

DISTRICT III 1000 Rto Brazos Rd., Astec, N.M. 87410

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, NM 87504-2088

☐ AMENDED REPORT

DISTRICT IV PO Box 2088, Santa Pc, XX 87504—2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 30-039-	10mber 26233		1	*Pool Cod 9703	•	CAR	Pool Nam	14	TIARY	
⁴ Property Co			<u> </u>		*Propert	y Name		- 1 7 too!		ell Humber
2459 \ OGRED No.					*Operate					Elevation
13925	5				MALLON					7044'
						e Location		,		
UL or lot 20.	Section 8	Township 30-N	Range 3-W	Lot Ida	Feet from the	North/South line SOUTH	Peet from the 1350	East/Wat		RIO ARRIBA
				m Hol		If Different From			- 1	
UL or lot no.	(Section	Township	Range	Let Idn	Foot from the		Feet from the	East/Wes	t line	County
IN Dedicated Acres	in Joint	or infill 14	Coppolidation	1 Code 11	Order No.					
60	DIE W	TYT DIR A	COLCANIE	. MO #**	**************		D1000000000000000000000000000000000000	******* D		
NO ALLOWA	riatrik M					MON UNTIL ALL BEEN APPROVED			een Co	DNSOLIDATE
FO. U.S.G.LO. BC. 1917			-1	•			Signature RC Printed Nam D	SERT B	AYLOCK	··
3 EX-10-00 X		**	NG WELL	8 —			I hereby certify was picted from	Deal the son	l location of certain the control of RUSA	
FD. U.S.R.L.O. BC. 1917		1450		5278	J.1'	FD. U.S.G.L.(BC. 191	Curtificate Num	8894		

Form 3160-4 (July 1992)

FED STATES DEPARTM._..IT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

SUBMIT IN D'

FORM APPROVED OMB NO. 1004-0137

Expires: February 28, 1995

								<u></u>			5. LE	ASE DESI	GNATION A		AL NO.
	WELL (COMPLET	ION OR	RECOMP	LETION F	REPOR	TAND) LOG	*				Jic-45		
TYPE OF WELL		•	OIL	GAS WEU		RY.	OTHER				6. IF	-	carilla A	-	NAME
. TYPE OF COMPL	ETION										7. UN	IT AGREE	MENT NAM	ΙE	
NEW	WOR		DEEP-		LUG	DIFF							N/	-	
WELL X	OVE	R L	EN	B	ACK	RESVR					8. FA	RM OR LE	ASE NAME	, WELL N	Ο.
NAME OF OPERAT	FOR							*********				Jicaril	la 458-8	SJN	o. 9
		Mallon Oil	Compar	ıy							9. AP	WELL NO) .		
ADDRESS AND TE	LEPHONE	NO.										3	0-039-2	6233	
		999 - 18th	St., Suit	e 1700, D	enver, CC	8020	2	303-2	93-23	33	10. F	ELD AND	POOL, OR	WILDCAT	•
LOCATION OF WE	LL	'(Rep	ort location c	learly and in ac	cordance with	any State	requireme	nis ")			C	abrest	o Canyo	n, Sar	Jose
At surface	1450' F	SL and 13	350' FWL	. (NE SW)	, Unit K						11. S	EC., T., R.,	, M., OR BL	OCK AND	SURVEY
At top prod. intervi	al reported i	below 145	50' FSL a	ind 1350' l	FWL (NE	SW), U	Jnit K	-			OR AI		10ET-8.:	1-R03V	٧
At total depth	1450' F	SL and 13	350' FWL	. (NE SW)	, Unit K	14	t. Permit I		Date Issu	ed N/A	12. C	OUNTY O	R PARISH Tiba	13. ST/	
5. DATE SPUDDED			16. DATE T	D REACHED	17. DA	TE COMP	(Ready	to Prod.)	18. ELE\	/ATION (DF, R	KB, R	r, GR, ET	19. ELEV.	CASING	HEAD
12/16/99			12/2			01/21				7044'		į	70		
O. TOTAL DEPTH, N	DALYD		21. PLU	BACK TO, MI	0 % TVD		F MULTIP OW MAN		•	TERVALS DRILLED BY	ı	ROTAR	YTOOLS	CAI	SEE TOOLS
	1840'			1815	•	. "	O11 11041	•	-			Y	'es		
4. PRODUCING INT		OF THIS COM	PI ETION - T			אס דעמיז					25 W		TIONAL SI	IRVEY M	ADE.
					,	•					20. "				
1480'-150 8. TYPE ELECTRIC		1560', 1564'	-1580', 16°	34'-1648', 1	656'-1670',	1698'-17	712, 17	16'-173	0', 1736	3'-1745'		·	Yes		
Gamma Ray			eutron Li	no .							27	. WAS WE	ELL CORED No		
	<i>y</i>	GIIGGICG II	Cuu Oii L		G RECOR	RD (Re	port al	l strinc	ıs set i	n well)	1_			·	
CASING :	SIZE/GRAC	E	WEIG	HT LB/FT	DEPTH S			LE SIZE		OP OF CEMEN	T, CEM	MENTING!	RECORD	AMOU	NT PULLED
8-	5/8"		2	4#	21	13'	1	2-1/4"		100 sx Ty					
	1/2"					A Pr	ļ,	A778		30 sxs to				ļ	
4-	1/2			1.6#	10	35'	ļ <u>.</u>	5-3/4"		400 sx Ty 18 sx to s				┼	
			LIN	ER RECOR	.L	·	<u> </u>		TOILO	30	una		IG RECO)RD	
SIZE	<u> </u>	TOP (MD		BOTTOM	I (MD)	SACKS C	CEMENT	SCRE	EN (MO)	SIZE			SET (MO)		ER SET(MD
N.A.										2-3/8"		14	79'		
	<u> </u>							,				== ==:		1	
I. PERFORATION R	ECORD		(Interval,	size, and numb	er)					SHOT, FRA	CIUI				
1634'-1648	1656	-1670' 169	98'-1712'	1716'-17	30' 1736	'-1745'		DEPTH	NTERVA	L (MD) 4'-1670'			1725 gal		
	,		(130 ho		50,, 11 _, 05	.,,,		•		8'-1745'		ı	2275 gal		
1564'-158					SPF (28 h	noles)			1480	0'-1580'		L	5000 gal		
		180'-1500'								0'-1745'			560# 12/		•
		Cabresto C	anyon, S	an Jose			LICTIO	<u></u>	1480	0'-1745'		5940# 8	3/14 Flex	259 M	SCF Nitro
3.* DATE FIRST PRODUC	CTION			PRODUCTIO	N METHOD		UCTIO		VI - 5/74 2	nd type of pum	n) lw	ELL STAT	(Producin	a or Shut	(n)
	29/00					Flow	- •	. m. promitipali	.,a		· · · ·		Prod		
DATE OF TEST	·	HOURS TESTE	D	СНО	KE SIZE	PROD'N		OIL - 88	ι .	GAS - MCF		WATER -			OIL RATIO
1/24/00			24		3/8"	TEST PE	RIOD)	380		1	5 =		N/A
							•								×
LOW TBG PRESS		CASING PRES	_	l l	CULATED	OIL -	_ '		S-MCF	WATER		OIL G	RAVITY - A	PI (CORR	<u>)' </u>
110			0	24-H	OUR RATE	1	0 .] 3	880	15		1			ri)
4. DISPOSITION OF		<u> </u>	(Sald was 1	or fuel, vented.	alc l	<u> </u>		<u> </u>		TEST W	ITNES			م ر	, 7 1 1
A. SIGNOSTION OF	-	Solo	•	us isler, Yented,	arr.)					1	Davi	S	auf.		
T OF ATTACH	MENTS							·					z c		
													= =		
8. I hereby certify tha	1		•	•				ailable re	cords		_		•		, .
IGNED	ind	aQQ.	WU	eins	(Linda V	Vilkins)		Er	nginee	ring Techi	nicia	n DA	TE 3	/14/	1001

Тиме метоверти	-
L. San Jose	
	·

s to any matter within its jurisdiction.

CONFIDENTIAL UNITED STATES

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM	APPROVED

Budget Blareau No	1004-0135

_		L7 9 1793		131, 1033	
5.	Lease Desi	gnation	and	Serial No	
Ji	ic 458				

Completion or Recompletion Report and Log form.)

SUNDRY NOTICES AND REPORTS ON WELLS
this form for proposals to drill or to deepen or reentry to a different reservoir.

Do not use 6. If Indian, Allotte or Tribe Name Use "APPLICATION FOR PERMIT -- " for such proposals Jicarilla Apache Tribe SUBMIT IN TRIPLICATE 7. If Unit or CA, Agreement Designation 1. Type of Weit Oil Well X Gas Well 2. Name of Operator 8. Well Name and No. Mallon Oil Company Jicarilla 458-8 SJ No. 9 3. Address and Telephone No. 9. Well API No. P.O. Box 2797 Durango, CO 81302 (970)382-9100 30-039-26233 10. Field and Pool, or Exploratory Area 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Cabresto Canyon; San Jose Ext. 1450' FSL and 1350' FWL (NE SW) Unit K 11. County or Parish, State Sec. 8, T30N-R03W Rio Arriba, New Mexico CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION TYPE OF SUBMISSION Change of Plans Notice of Intent Abandonment New Construction Recompletion Subsequent Report Plugging Back Non-Routine Fracturing Casing Repair Water Shut-Off Conversion to Injection Final Abandonment Notice Altering Casing Other: Spud Sundry Dispose Water

onbe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this zone.)*

Mallon Oil Company spud the aboce referenced well on December 16, 1999. Drilled 12-1/4" hole, 8-5/8' x 24 lb/ft surface casing was set at 213'. Cemented 130 sxs Type 3 cmt, circulated 30 sxs to surface.

		•	
14. i hereby certify that the foregoing is true and correct			
Signed Christy Serrano	Title	Production Clerk	Date 1-11-00
[IHS SPACE FOR FEDERAL OR STATE OFFICE USE]			
Approved B Catrinia M Kofu	Title	Lands and Mineral Resources	Date /-2/-00
Conditions of approval, if any:		•	
U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make any departm	nent or agency of	the United States any false, fictitious or fraudulent statements or rep	resentations as



Form 3160-3 FORM APPROVED UNITED STATES (July 1992) OMB NO. 1004-0136 (Other instructions on DEPARTMENT OF THE INTERIOR reverse side) Expires February 28, 1995 BUREAU OF LAND MANAGEMENT 5. LEASE DESIGNATION AND SERIAL NO. APPLICATION FOR PERMIT TO DRILL OR DEEPEN JIC 458 1a. TYPE OF WORK 6. IF INDIAN, ALLOTTEE OR TRIBE NAME Deepen Jicarilla Apache b. TYPE OF WELL 7. UNIT AGREEMENT NAME Oil Well Single Zone Multiple Zone 2. NAME OF OPERATOR 8. FARM OR LEASE NAME, WELL NO. Mallon Oil Company Jicarilla 458-8SJ No. 9 3. ADDRESS AND TELEPHONE NO 9. API WELL NO. P.O. Box 2797 Durango, CO 81302 (970) 382-9100 10 FIELD AND POOL OR WILDCAT 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) Cabresto Canyon, San Jose ext. 1450' FSL and 1350' FWL (NE/SW) Unit K 11. SEC., T., R., M., OR BLK. At surface AND SURVEY OR AREA At proposed prod. zone 1450' FSL and 1350' FWL (NE/SW) Unit K Sec. 8, T30N-R03W 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE * 12. COUNTY OR PARISH 13. STATE 50 miles east of Bloomfield, New Mexico Rio Arriba NM 15. DISTANCE FROM PROPOSED * 16. NO. OF ACRES IN LEASE 17. NO. OF ACRES ASSIGNED LOCATION TO NEAREST 1450' TO THIS WELL PROPERTY OR LEASE LINE, FT. 2.560 155 (Also to nearest drig, unit line, if any) 18. DISTANCE FROM PROPOSED LOCATION 19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS 100' 1800 TO NEAREST WELL DRILLING COMPLETED. OR APPLIED FOR, ON THIS LEASE, FT. Rotary 09/01/99 21. ELEVATIONS (SHOW WHETHER DF, RT, GR, Etc.) 7044' GR 22. APPROX,DATE WORK WILL START PROPOSED CASING AND CEMENTING PROGRAM 23, GRADE, SIZE OF CASING SIZE OF HOLE WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT 12-1/4" 24# Circulate to surface 8-5/8" 500' 7-7/8" 14.7# 300 sks 50/50 Poz w/additive 4-1/2" 1800' Mallon Oil Co. proposes to drill this well to an approximate TD of 1800' in the San jose formation. This well is placed on an existing well pad. Some additional pad extension may be required. The Jicarilla oil and Gas Administration has waived any necessity of re-onsiting the well pad as long as any required archaeology survey is submitted. Environmental assessment was previously submitted under the initial well APD. If productive, 4-1/2" casing will be cemented at TD. If non-productive, the well will be plugged and abandoned in a manner consistent with Federal regulations. Specific programs as per on-shore Oil and Gas Order No. 1 are outlined in the following attachments: **Drilling Program** Exhibit 1: Blow Out Preventor Equipment/Plan Exhibit D: **Drilling Site Layout** Location and Elevation Plat **Production Facilities** Exhibit A: Exhibit E: Exhibit F: Exhibit B: Roads and Pipelines **H2S Contingency Plan** Exhibit C: One Mile Radius Map Exhibit G: Archaeology Report IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any TITLE: Operations Superintendent DATE 07/26/99 SIGNED: Lefry Lindeman (This space for Federal or State office use) APPROVAL DATE PERMIT NO Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct

*See Instructions On Reverse Side

e 18 U.S.C. Section 1001, makes 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.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY



Jicarilla 458-8 No. 9 SW/4 Section 8-30N-3W

DISTRICT I P.O. Box 1980, Hobbs, N.M. 88241-1980

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102
Revised Febuary 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, N.M. 88211-0719
DISTRICT III

1000 Rio Brazos Rd., Aztec, N.M. 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87504-2088

DISTRICT IV PO Box 2088, Santa Fe, NM 87604-2088 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API	Number		2	Pool Code					⁸ Pool Nam	e		
30-039-	25758	-00-00		97037			CA	ABR	STO CANYO	N TER	TIARY	
Property Co	- 1				-	perty N					, A	Vell Number
2218					JICARILI							9
OGRID No.	• [_	rator N						Elevation
13925	5				MALLON							7046.6'
					10 Surfa	ace :	Location					
UL or lot no.	Section	1 1	Range	Lot Idn	Feet from	the	North/South	1	Peet from the	East/We:		County
K	8	30-N 3	3-W		1450)	SOUTH		1450	WE	ST	RIO ARRIBA
		1	Botton	m Hole	Location	on If	Different	Fro	m Surface		-	
UL or lot no.	Section		Range	Lot Idn	Feet from		North/South 1		Feet from the	East/We	st line	County
			1			1		1				
18 Dedicated Acres	Joint o	or Infill 14 Cor	solidation	Code 55 O	rder No.					l		
160												
NO ALLOWA	ABLE W	ILL BE ASS	SIGNED	TO THI	S COMPI	ETIO	N UNTIL A	LL :	NTERESTS H	IAVE B	EEN CO	ONSOLIDATED
									BY THE DIV			
FD. U.S.G.L.	.o.								17 OP	ERATO	R CER	TIFICATION
BC. 1917]					j						contained herein is tnowledge and belief
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-33				1		- 1			ungs plotted from	n Meid notes	of actual	shown on this plat surveys made by me
10-00	1			ł		- 1			or under my su	pervision in	id that the	same is true and
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FD. U.S.G.L.O BC. 1917).	S 89-	58-39 E	5278.1			FD. U.S BC. 11		Certificate Nu		-	
)					-	l	· · · · · · · · · · · · · · · · · · ·					

Form 3160-4

FORM APPROVED .HE INTERIOR (July 1992) DEPARTMENT OMB NO. 1004-0137 BUREAU OF LAND MANAGEMENT Expires February 28, 1995 LEASE DESIGNATION AND SERIAL NO WELL COMPLETION OR RECOMPLETION REPORT AND LOG * Jicarilla 458 IF INDIAN, ALLOTTEE OR TRIBE NAME TYPE OF WELL WELL X Jicarilla Apache UNIT AGREEMENT NAME TYPE OF COMPLETION WORK DEEP N/A HEW PLUG 8. FARM OR LEASE NAME, WELL NO WELL X BACK RESVR OTHER OVER Jicarilla 458-8 No. 9 NAME OF OPERATOR Mallon Oil Company 9 API WELL NO ADDRESS AND TELEPHONE NO 30-039-25758 P.O. Box 3256, Carlsbad, NM 88220 10 FIELD AND POOL OR WILDCAT LOCATION OF WELL (Report location clearly and in accordance with any State requirements *) Cabresto Canyon, Ojo Alamo Ext. 1450' FSL, 1450 FWL Unit K (NE/SW) 11 SEC T R M OR BLOCK AND SURVEY At surface OR AREA At top prod interval reported beli 1450' FSL, 1450' FWL Unit K (NE/SW) Sec.8, T30N-R03W 1450' FSL, 1450' FWL Unit K At total depth 14. PERMIT NO DATE ISSUED 12. COUNTY OR PARISH 13 STATE N/A NM (NE/SW) N/A Rio Arriba 18. ELEVATION (DF, RKB, RT, GR, ETCT) 119 ELEV CASINGHEAD 15 DATE SPUDDED 16. DATE TO REACHED 17. DATE COMP (Ready to Prod.) 7046.6 GL 7046.6 2/7/98 02/13/98 3/10/98 23. INTERVALS **ROTARY TOOLS** 20 TOTAL DEPTH, MD & TVD 21 PLUGBACK TO, MD & TVD 22 IF MULTIPLE COMP CABLE TOOLS DRILLED BY HOW MANY 3871 N/A YES NA PRODUCING INTERVAL (S) OF THIS COMPLETION - TOP BOTTOM, NAME (MD AND TVD*) 25 WAS DIRECTIONAL SURVEY MADE 3080'-3090', 3100'-3126' N/A TYPE ELECTRIC AND OTHER LOGS RUN WAS WELL CORED DIL/SGRD, SDL/DSN N/A CASING RECORD (Report all strings set in well) CASING SIZE/GRADE WEIGHT LB/FT TOP OF CEMENT, CEMENTING RECORD DEPTH SET (MD) HOLE SIZE 8 5/8 11.6 lb 3908 12 1/4" 325 sxs class B circ 100 sxs to surface 25 lb-7 3/8 625 sxs, Circ 50 sxs to surface 14 498' LINER RECORD TUBING RECORD 30. TOP (MD BOTTOM (MD) SACKS CEMENT . SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 2947 2948 N/A 2 3/8 31 PERFORATION RECORD ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC (Interval, size, and number) 32 **DEPTH INTERVAL (MD)** 'AMOUNT AND KIND OF MATERIAL USED 3080'-9090 4 jspf 40 holes 3100'-3126' 4 jspf 104 holes 3080'-3126' 2500 gals 7.5% acid 33 . PRODUCTION DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) WELL STATUS (Producing or Shut In) 03/10/98 Flowing Producina DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N FOR OIL - BBL GAS - MCF WATER - BBL GAS-OIL RATIO 120 TEST PERIOD 02/21/98 3/8" 24 1932 FLOW TBG PRESS CASING PRESSURE CALCULATED OIL - BBL GAS - MCF WATER - BBL OIL GRAVITY - API (CORR.) 0 24-HOUR RATE 600 1932 120 tol recom 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY Sold Kisor ACCEPTUL 35 LIST OF ATTACHMEN is complete and correct as determined from all available records Production Analyst

*(See Instructions and Spaces for Additional Data on Reverse Side) Title 18 U.S.C. 1001 makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, flictitious or fraudulent statements

or representations as to any matter within its jurisdiction

.,	actualing oction	niervaj iesied, cusnio	recoveries):	38.	GEOLOGIC MARAERS
FORMATION	TOP	HOTTOM	IN SCRIPTION, CONTENTS, ETC.	NAME	HEAS, DEPTH
				Djo Alamo	3068'
				Kirtland	9310 . •
				Fruitland	3520
				Pictured Cliff	Es 3638
Ţ.				Towns.	3716
/					

Form 3160-5	UNITED STATES		EDBM TBBBOAED
(JUNE 1990)	DEPARTMENT OF THE D	NTERIOR	Budget Bureau No. 1004-0135
	BUREAU OF LAND MANA	GEMENT	Expires March 21, 1393
			5 Lease Designation and Senaltio
	SUNDRY NOTICES AND REPOR		JIC 458
	Do not use this form for proposals to drill or to deeper	•	5 If Indian, Allotte or Tribe Name
	Use "APPLICATION FOR PERMIT -"	for such proposals.	
			Jicarilla Apache
	SUBMIT IN TRIPLICATE		7 - f Unit or CA Agreement Designation
Type of Ween	CJ Well [X] Gas Well Other		N/A
2 Name of Operator			8 Well Name and No
	Mallon Oil Company		Jicarilla 458-8 No. 9
3 Address and Teleph			3 Well APING
	P.O. Box 3256, Carlsbad, NM 88220	(505) 885-4596	30-039-25758
		(,	10 Field and Poot, or Euclidratory Area
4 Location of Well / Fo	otage, Sec. T. R., M., or Survey Description)		East Blanco, Pictured Cliffs
	1450'FSL and 1450' FWL (NE SW) Unit K		11 County or Parish, State
	Sec. 8, T30N-R03W		
			Rio Arriba County, New Mexico
	CHECK ADDRODDIATE BOYES TO IND	CATE NATURE OF NOTICE RED	
12	CHECK APPROPRIATE BOX(S) TO IND		
	TYPE OF SUBMISSION	ТҮР	PE OF ACTION
	Notice of Intent	Abandonment	Change of Plans
		Recompletion	New Construction
	X Subsequent Report	Plugging Back	Non-Routine Fracturing
		Casing Repair	Water Shut-Off
	Final Abandonment Notice	Altering Casing	Conversion to Injection
		X Other: Spud	Dispose Water
		outer. Space	
			(Note: Report results of multiple completion on Well
			Completion or Recompletion Report and Log form ;
subs M :	or Completed Operations (Clearly state all pertinent details, and give pertinent dates, included locations and measured and true vertical depths for all markers and zones pertine allon Oil Company spud the above referenced to both the surface csg was set at 498° and cemented.	nt to this zone.)* well on 2/7/98 at 12:00 am. D	Orilled 12-1/4" hole, 8-5/8" x
	cement to pit.		
			`.
			· .
	•		
	v		
14 I nereby certify that	the foregoing is true and correct		
\triangle	huial Canna		11 10
Signed	hrusty Servano	Title Production Secretary	Date 4/27/98
	Christy Sarrano		- 1

Lands and Mineral Resources

7 1998

_ Date _

Title 18 U.S. C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any faise, hotbous or fraudulent statements or representations

Title

Approved By

Conditions of approval, if any

as to any matter within its jurisdiction

Form 3160-3 (July 1992)

SUBMIT IN TRIPLICATE (Other instructions on

FORM APPROVED OMB NO. 1004-0136

		DEPA!	RTMENT	LOE THE INT	ERIO	R	re'	verse side)		Expires February 2	8, 1995	
		BURE	AU OF LA	AND MANAGEM	MENT		0.7	oomila.	± ×	5. LEASE DESIGNATION	AND SERIAL NO	
	APPLIC	ATION	FOR PE	RMIT TO DR	RILL C	R DEEPE	Ń'	ال النا	644	JIC458		
1a. TYPE OF WORK	Drill	[X]		Deepen				ALBUQU	ERQ.	6_ IF INDIAN, ALLOTTEE C Uicarilla Apache	R TRIBE NAME	
b. TYPE OF WELL Oil Well	Gas Well	X	Other		;	Single Zone		Multiple Zone		7. UNIT AGREEMENT NAI	ME	
2. NAME OF OPERAT	or Mallon Oi	l Comp	any	•						8. FARM OR LEASE NAME Jicarilla 458-8 No.		
	P.O. Box	3256		(505) 005	4500					9. API WELL NO.		
4. LOCATION OF WEL	Carlsbad,			(505) 885-4				······		10. FIELD AND POOL, OR E. Blanco, Picture		
At surface	.с (кероп юса			nd 1450' FWL			K			11. SEC., T., R., M., OR BE AND SURVEY OR AREA		
At proposed prod. zone		1450)' FSL ar	nd 1450' FWL	_ (NE	SW) Unit	K			Sec. 8, T30N-R03		
14. DISTANCE IN MILE				st town or post eld, New Mex		E *				12. COUNTY OR PARISH Rio Arriba	13. STATE NM	
15. DISTANCE FROM		•			16.	NO. OF ACRES	SINI	LEASE		NO. OF ACRES ASSIGNED		
LOCATION TO NEARE				00001		20.4			TOT	HIS WELL		
PROPERTY OR LEASE	- •			3830'		224	9.1	9'		160		
(Also to nearest drig. unit line, if any) 18. DISTANCE FROM PROPOSED LOCATION*				· · · · · · · · · · · · · · · · · · ·	19	. PROPOSED D	FPTH		20 F	ROTARY OR CABLE TOOLS	<u> </u>	
TO NEAREST WELL, DRILLING, COMPLETED,				1900'				•				
OR APPLIED FOR, ON THIS LEASE, FT.					4500'					Rotary		
21. ELEVATIONS (SHO	7046.6'	22.	22. APPROX.DATE WORK WILL START				October 20, 1997					
23.			PR	OPOSED CASIN	NG ANI	D CEMENTIN	IG P	ROGRAM				
SIZE OF HOLE	GRADE	SIZE OF	CASING	WEIGH	IT PER F	OOT	s	SETTING DEPT	Н	QUANTITY OF CE	EMENT	
12-1/4"		8-5/8"			24#			500'		Circ. to surface		
7-8/8"		5-1/2"			15.5#			4500'		570 sks		
Mallon Oil Com	nany nro	nosos i	to drill to	a donth cuff	ficiont	to tost the	Di≏	tured Cliff	o for	mation If product		

Mallon Oil Company proposes to drill to a depth sufficient to test the Pictured Cliffs formation. If productive, 5-1/2" casing will be cemented at TD. If non-productive, the well will be plugged and abandoned in a manner consistent with Federal regulations. Specific programs as per on-shore Oil and Gas Order No. 1 are outlined in the following attachments:

in the follow	wing attachments.					
Drilling Pro Exhibit 1: Exhibit A: Exhibit B: Exhibit C:	Blow Out Preventor Equipment/Plan Location and Elevation Plat Roads and Pipelines One Mile Radius Map		Exhibit D: Exhibit E: Exhibit F: Exhibit G:	Drilling Site Layout Production Facilitie H2S Contingency F Environmental Ass	s Plan essment	N
	E DESCRIBE PROPOSED PROGRAM: If proposal is to o					proposal is
	directionally, give pertinent data on subsurface locations a	nd measu	red and true vertic	al depths. Give blowout preve	nter program, if any.	
SIGNED:	Terry Lindeman	TITLE:	Producti	on Superintendent	DATE	10/15/97
(This space for F	ederal or State office use)					
PERMIT NO.		·		APPROVAL DATE		
operations there	FAPPROVAL, IF ANY:	al or equita	ble title to those ri	ghts in the subject lease which	12/0/0-	
	*See In	structio	ns On Revers	e Side	v	

Title 18 U.S.C. Section 1001, makes 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.

Jicarilla 458-8 SJ No. 10 SE/4 Section 8-30N-3W

DISTRICT I P.O. Bex 1980, Hobbs, N.M. 88241-1980

DISTRICT II P.O. Drawer DD, Artesia, N.M. 88211-0719

DISTRICT III 1000 Rio Brazos Rd., Aztec, N.M. 87410

TRICT IV Box 2088, Santa Fe, NM 87504-2088

State of New Mexico gy, Minerals & Natural Resources Departm. Revised February 21, 1994

Form C-102 Instructions on back

Submit to Appropriate District Office

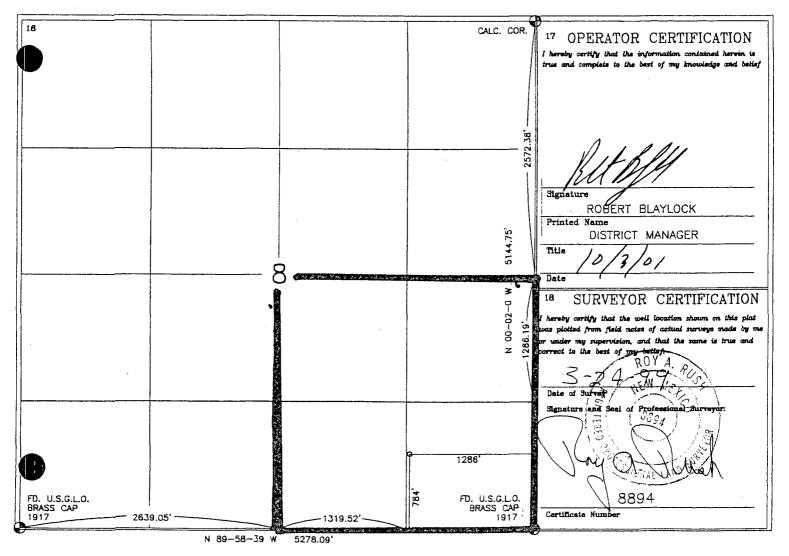
State Lease - 4 Copies Fee Lease - 3 Copies

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, NM 87504-2088

☐ AMENDED REPORT WELL LOCATION AND ACREACE DEDICATION PLAT

			ىا بايدانا	OCATIO	N AND AC	KEAGE DED!	CATION FI	л А I			
1 API	Number		1	Pool Code			⁵ Pool Nam	e			
30-039-	26178	-00-00		97037	CABRISTO CANYON TERTIARY						
Property C	ode				⁵ Property	Name			Well Number		
2459	\				JICARILLA	458-8 S.J.			10		
OGRID No) .		,		⁸ Operator	Name			* Elevation		
13925	13925 MALLON OIL COMPANY 7093'								7093'		
					10 Surface	Location					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
Ρ	8	30-N	3-W		784	SOUTH	1286	EAST	RIO ARRIBA		
¹¹ 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		
Dedicated Acre	s is Joint	or Infill 14 C	onsolidatio	n Code 15 0	rder No.	,	I	· · · · · · · · · · · · · · · · · · ·			

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



Form 3160-4

CONFIDENTIAL UNITE STATES THE INTERIOR

SUBMIT IN DUPLICA

(See other instructions

FORM APPROVED OMB NO. 1004-0137

	E	BUREAU OF L	AND MANA	GEMEN	1T		on reverse si			es: February	
1/	VELL COMPLETI	ION OR REC	COMPLET	ION P	FPORT AN	<u>ND I OG</u>	*	F	5. LEASE DES	IGNATION A	ND SERIAL NO.
TYPE OF WEL		OIL WELL	GAS WEL X	DRY			,	3 - 0 - 1	1 15	LLOTTEE OF	R TRIBE NAME he Tribe
D. TYPE OF COM	PLETION	لــــــا -	<u></u>				•	150/		EMENT NAM	E
MENT X	WORK OVER	DEEP- 7 EN [PLUG BACK [IFF ESVR			7	(일)) 8. FARM:OR L	N/A EASE NAME	
2. NAME OF OPER	·								- TS. JA		SJ No. 10
. MAINE OF OFER		allon Oil Con	npany			•	4	,	9. API WELL N		30 110. 10
3. ADDRESS AND			:						3	30-039-26	3178
		O. Box 279	7 Durango	, CO 8	1302	(970)	382-91 <u>0</u>	0	10. FIELD AND		
4. LOCATION OF V		eport location clea	•		ih any State rec	quirements	*)	<u> </u>			San Jose Ext.
At surface	784' FSL and 128	86. FET (SE	SE) Unit P	1				!		, M., OR BL	OCK AND SURVEY
At top prod. into	erval reported below 78	4' FSL and	1286' FEL	(SE SI	E) Unit P		7		OR AREA Sec	. 8, T30N	I-R03W
At total depth	784' FSL and 128	86' FEL (SE	SE) Unit P		14. Permit N/	- 1	ate Issued N/	. :	12. COUNTY C Rio Ar		13. STATE
15. DATE SPUDDE	D	16. DATE TO R	•	7. DATE	COM (Ready	to Prod. 1	8. ELEVAT		KB, RT, GR, E	1	
9/27/99 20. TOTAL DEPTH,	MD & TVD	10/1/99 [21] PLUG	BACK TD, MD 8	R TVD	10/9/99 122. IF MULTI	PLE COM	2.[23. INTE	7093' RVALS	ROTAF	709-	4' CABLE TOOLS
					1AM WOH			LLED-BY			1
24 BBODUCING IN	2000' TERVAL (S), OF THIS C	PONDI ETION TO	1926	NA 145 /14		·		7	25. WAS DIRE	es	N.A.
						•	. 4	ľ	23. WAS DIRE		RVET MADE
	2', 1514'-1528', 19 C AND OTHER LOGS R		1558-1562	Cabr	esto Canyo	on; San	Jose Ex	t.	27 WASW	Yes ELL CORED	
20. 777 2 222 3777										No	
28.	OUTE/ODADE		CASING R						OEMENTINO		ALIQUINE BUILED
	SIZE/GRADE 3-5/8"	WEIGHT LE	S/F1 DEI	237		2-1/4"			lass 3 cmt		AMOUNT PULLED
	4 (0)							to surfac			
4	-1/2"	10.5	· · · · · · · · · · · · · · · · · · ·	2000)' . 6	6/-3/4"		00 sxs 5 0 sxs to s	0/50 poz		
29.		LINER	RECORD					30		NG RECO	RD
SIZE	TOP (MD		BOTTOM (MD) S/	ACKS CEMENT	SCREE	N (MD)	SIZE		SET (MD)	PACKER SET (MC
								1.9_	14	58	
31. PERFORATION		•	ize, and number	•		32	ACID, SH	OT, FRA	CTURE, CE	MENT, SQ	UEEZE, ETC.
1462	2'-1482', 1514'-15			-1562'		DEPTH I	NTERVAL (OF MATERIAL USED
	2 JSF	PF (86 holes)			• ;		1462-	1562	1	2500 gal 7- 500 lbs 12/	-1/2% HCL /20 Brady Sand
	Cabresto Ca	nyon, San Jo	ose Ext.		•		4				Super HT Sand
33.*			PRODUC	CTION		 _					<u> </u>
DATE FIRST PROD 1(uction 0/9/99	F	PRODUCTION	METHOD	(Flowing, gas Flowing	lift, pumpir	ng - size an	d type of pu	m WELL STAT	(Producing Flow	
DATE OF TEST	HOURS TEST		CHOKE SIZE		ROD'N FOR	OIL - BBL	1	GAS - MCF	1		GAS-OIL RATIO
10/8/99	·	24	3/8"		EST PERIOD	0		568	(N.A.
FLOW TBG PRESS 168	CASING PRES	SSURE 0	CALCULATE 24-HOUR RA		OIL - BBL 0		5-MCF \	WATER 0	- BBL OIL G	RAVITY - AP N.A .	(CORR.)
34. DISPOSITION (DF GAS	(Sold, used for I	fuel, vented, etc	;.)		1		TEST W	ITNESSED BY		
	Sol	•		-	· · · · · · · · · · · · · · · · · · ·				e Davis		
35. LIST OF ATTAC	CHMENTS										
36 hereby codify	that the forecoing and all	tachud information	ie complete an	d correct	ac determined	from all a:	ailable soca	rde			

(Christy Serrano) **Production Secretary**

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. 1001, makes 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



40T	TRUE MEAS. DEPTH VERT DEPTH	1459	
NAME	ME	San Jose	
DESCRIPTION, CONTENTS, ETC.			
BOTTOM			
TOP			
FORMATION	.,	; · · · · · · · · · · · · · · · · · · ·	

MERTINE J

CONFIDENTIAL

	OF THE INTERIOR ID MANAGEMENT	Budger Bureau No. 1004-0135 Едричь Майсh J1, 1993
Do not use this form for proposals to drill or	D REPORTS ON WELLS r to deepen or reentry to a different reservoir. ERMIT" for such proposals.	Lease Designation and Serial No. If Indian, Allotte or Tribe Name Jicarilla Apache Tribe
SUBMIT IN TRIPLICA	ATE	7. If Unit or CA, Agreement Designation
Type of Weil Oil Weil X Gas Well Other:		N/A
Name of Operator Mallon Oil Company		8. Well Name and No. jicarilla 458-8 SJ No. 10
3. Address and Telephone No. P.O. Box 2797 Durango, CO 81302	2 (970)382-9100	9. Weil API No. 30-039-26178 10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 784' FSL and 1286' FEL (SE SE) Unit P Sec. 8, T30N-R03W		Cabresto Canyon; San Jose Ext. 11. County or Parish, State Rio Arriba, New Mexico
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REP	ORT, OR OTHER DATA
TYPE OF SUBMISSION		E OF ACTION
Notice of Intent X Subsequent Report Final Abandonment Notice Final Abandonment Notice Subsurface Intended Operations (Clearly state all pertinent details, and give possibility for all markers and Mallon Oil Company would like to request well. Mallon Oil Company would like to contain the pertinent details and give possibility for all markers and the pertinent details, and give possibility for all markers and the pertinent details.	at zones pertinent to this zone.)*	above referenced
		99 OCT 28 FA 28 ST
14. Thereby certify that the foregoing is true and correct		
Signed Christy Serrano	Title <u>Production Clerk</u>	Date 10-27-99
(THIS SPACE FOR FEDERAL OR STATE OFFICE USE) Approved B Conditions of approval, if any:	Title Portion Eng	Date 11/19/85
S. C. Section 1001, makes it a crime for any person knowingly and willfully to make as to any matter within its jurisdiction.	any department or agency of the United States any false, fictitious or	fraudulent statements or representations as

*See Instruction on Reverse Side

CONFIDENTIAL

Form 3180-5

matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM	APPROVED

Budget Bureau No. 1004-0135

Cunicus Marret 11	1002

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100	
1 0	

5 Lease Designation and Serial No. SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. 6. If Indian, Allotte or Tribe Name Use "APPLICATION FOR PERMIT -- for such proposals. Jicarilla Apache Tribe 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE Oil Well X Gas Well 2. Name of Operato 8. Well Name and No. Mallon Oil Company jicarilla 458-8 SJ No. 10 3. Address and Telephone No. 9. Well API No P.O. Box 2797 Durango, CO 81302 (970)382-9100 30-039-26178 10. Field and Pool, or Exploratory Area 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Cabresto Canyon; San Jose Ext. 784' FSL and 1286' FEL (SE SE) Unit P 11. County or Parish, State Sec. 8, T30N-R03W Rio Arriba, New Mexico CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Abandonment Change of Plans Recompletion **New Construction** Plugging Back Non-Routine Fracturing Subsequent Report Casing Repair Water Shut-Off Final Abandonment Notice Altering Casing Conversion to Injection Other: Spud Sundry Dispose Water ibe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this zone.)* Mallon Oil Company spud the above referenced well on September 27, 1999 at 5:15pm. Drilled 12-1/4" hole, ran 8-5/8" X 24 lb/ft surface casing was set at 237'. Cement with 110 sxs Class 3, 2% CaCl2, 1/4 lb celloflake, circ 4sxs to surface. 14. Thereby certify that the foregoing is true and correct a in DTTUL Signed Title **Production Clerk** (THIS SPACE FOR FEDERAL OR STATE OFFICE USE) Approved B Conditions of approval, if any

*See Instruction on Reverse Side

S. C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as

Form 3160-3				SUBMIT IN TRIPL	ICATE	FORM APPROVED
(July 1992)	UNITE	D STATES		(Other instructi	ons on	OMB NO. 1004-0136
	DEPARTMENT	OF THE INTER	IOR .	reverse side)		Expires February 28, 1995
	BUREAU OF LAN	D MANAGEMENT	·			5. LEASE DESIGNATION AND SERIAL NO.
	APPLICATION FOR PE	RMIT TO DRILL	OR DEEP	EN		JIC 458
1a. TYPE OF WORK						6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache
b. TYPE OF WELL	Drill X	Deepen	_			7. UNIT AGREEMENT NAME
Oil Well	Gas Well X Other		Single Zone	Multiple Zone		N/A
2. NAME OF OPERATO	DR					8. FARM OR LEASE NAME, WELL NO.
	Mallon Oil Company					Jicarilla 458-8 SJ #10
3. ADDRESS AND TEL	EPHONE NO.					9. API WELL NO.
	P.O. Box 2797					
	Durango, CO 81302	(970) 382-9100				10. FIELD AND POOL, OR WILDCAT
	L (Report location clearly and in accordance		ments.*)			E. Blanco, Pictured Cliffs
At surface	784' FSL and 1286' FEL (SI	E/SE) Unit P				11. SEC., T., R., M., OR BLK.
	7041501 140001551 /01	7/0C\ U=#-0				AND SURVEY OR AREA
At proposed prod. zone	784' FSL and 1286' FEL (SI	E/SE) Unit P				Coo & TOOM DOOM
			· · · · · · · · · · · · · · · · · · ·			Sec. 8, T30N-R03W
	S AND DIRECTION FROM NEAREST TO		•	196		12. COUNTY OR PARISH 13. STATE NM
	56 miles east of Bloomfield,	New Mexico	1.2 1.2 25 122		1.2 110	OF ACRES ASSIGNED
15. DISTANCE FROM I			16. NO. OF ACR	ES IN LEASE	1	
LOCATION TO NEARES			2,560		I O I HI	S WELL 160
PROPERTY OR LEASE			2,300]	. 100
(Also to nearest drig. un	IT line, IT any) PROPOSED LOCATION*		19. PROPOSED	DEDEL	20 80	TARY OR CABLE TOOLS
		100'	19. PROPOSED	1800'	20. RO	TART OR CABLE TOOLS
TO NEAREST WELL, D OR APPLIED FOR, ON		100	!	1000	1	Rotary
		7093' GR	20, 400000 0475	WORK WILL START		04/26/99
23.	W WHETHER DF, RT, GR, Etc.)	POSED CASING				04/20/30
				·		QUANTITY OF CEMENT
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PE		SETTING DEPT	<u> </u>	Circulate to surface
12-1/4"	8-5/8"		4#			<u> </u>
7-7/8"	5-1/2"	15	5.5#	1800'		280 sks
				ļ		
			· · · · · · · · · · · · · · · · · · ·			<u> </u>
is placed on an disturbance. If abandoned in a	pany proposes to drill this w existing well pad. There wi productive, 5-1/2" casing wi manner consistent with Fe	II not be any ne II be cemented deral regulation	ed for additing at TD. If no	onal pad, access n-productive, the	s road e well	l, or pipeline will be plugged and
Order No. 1 are	e outlined in the following att	achments:				
5 W 5						
Drilling Program		V(D)	C.LILAD.	Dainia - Cita La		
	w Out Preventor Equipment cation and Elevation Plat	vPian	Exhibit D: Exhibit E:	Drilling Site La Production Fac		
	ads and Pipelines			H2S Continger		
	e Mile Radius Map		Exhibit F: Exhibit G:	Environmental		
	SCRIBE PROPOSED PROGRAM: If propo					\sim \sim
	ionally, give pertinent data on subsurface lo	cations and measured	and true vertical de	epths. Give blowout prev	enter pro	ogram, if any.
24.	Δ					8 3
1.		T. 77. 17	0	Cum animia and and		STATE SOMET
SIGNED:	rn/l indoman		: Operations	Superintendent	<u> </u>	
I e	rry Lindeman			 		
(This space for Federal	or State office use)					
(This space for rederal	or state office use)					
PERMIT NO.				APPROVAL	DATE	* * * * * * * * * * * * * * * * * * *
					_	
Application approval do	pes not warrant or certify that the applicant l	nolds legal or equitable	title to those rights	in the subject lease which	h would	entitle the applicant to conduct
operations thereon.				,		• •
	(,				
CONDITIONS OF APP	ROVAL, IF ANY:	Anti.	, <u>~</u>			
APPROVED BY	MAK SILL	Acting	nt Field	1 Mar na	TF	MAY 4 1999
,			<u>~~/ ~~/ ~~/</u>			

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes 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.

Jicarilla 458-8 No. 10 SE/4 Section 8-30N-3W

DISTRICT I P.O. Box 1980, Hobbs, N.M. 88241-1980 State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102 Revised Febuary 21, 1994 Instructions on back

Submit to Appropriate District Office

894

Certificate Number

FD. U.S.G.L.O.

1917

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT II P.O. Drawer DD, Artesia, N.M. 88211-0719

Diagram III 1000 Rio Brazos Rd., Aztec, N.M. 87410

FD. U.S.G.L.O.

1917

S 89-58-39 E

5278.1

DISTRICT IV PO Box 2088, Santa Fe. NM 87504~2088 OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT 1 API Number ² Pool Code 97037 30-039-25862-00-00 CABRISTO CANYON TERTIARY ⁴ Property Code Well Number Property Name 22182 JICARILLA 458-8 10 OGRID No. Operator Name Elevation MALLON OIL CO. 7096' 13925 10 Surface Location UL or lot no. Section Feet from the Township Range Lot Idn North/South line Feet from the East/West line County ρ 8 30-N 3-W 800 SOUTH RIO ARRIBA 1190 **EAST** 11 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 12 Dedicated Acres 18 Joint or Infill 18 Order No. " Consolidation Code 1100 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 17 OPERATOR CERTIFICATION CALC'D. CORNER I hereby certify that the information contained herein is us and complete to the best of my knowledge and beilef Signature RØBERT BLAYLOCK Printed Name 2 DISTRICT MANAGER 5,140.1 Title Date 18 SURVEYOR CERTIFICATION 00-05-00 z 1190'

FORM APPROVED DEPARTME. OF TH OMB NO 1004-0137 BUREAU OF LAND MAI Expires: February 28, 1995 LEASE DESIGNATION AND SERIAL NO WELL COMPLETION OR RECOMPLETION REPORT AND LOG * JIC 458 TYPE OF WELL 6. IF INDIAN, ALLOTTEE OR TRIBE NAME WELLX Jicarilla Apache WELL DRY OTHER UNIT AGREEMENT NAME TYPE OF COMPLETION 111 BE DIFF WORK NEW DEEP PILIG MERQUE AM RESVR 8. FARM OR LEASE NAME, WELL NO WELL OVER EΝ BACK Jicarilla 458-8 No. 10 2. NAME OF OPERATOR Mallon Oil Company 9. API WELL NO 30-039-25862 3. ADDRESS AND TELEPHONE NO P.O. Box 3256, Carlsbad, NM 88220 (505) 885-4596 10. FIELD AND POOL, OR WILDCAT Cabresto Canyon, Nacimiento Ext '(Report location clearly and in accordance with any State requirements *) LOCATION OF WELL 800 FSL, 1190 FEL (SE SE) Unit P 11. SEC., T., R., M., OR BLOCK AND SURVEY At surface OR AREA 800 FSL, 1190 FEL (SE SE) Unit P At top prod. interval reported below Sec 8, T30N-R03W 14. PERMIT NO. DATE ISSUED 12. COUNTY OR PARISH 13. STATE At total depth N/A N/A Rio Arriba NM 18. ELEVATION (DF, RKB, RT, GR, ET) 19. ELEV. CASINGHEAD 16. DATE TD REACHED 17. DATE COMP (Ready to Prod.) 15. DATE SPUDDED 5/26/98 6/2/98 07/11/98 7096 7097 TOTAL DEPTH, MD & TVD 21. PLUGBACK TD, MD & TVD 122. IF MULTIPLE COMP INTERVALS ROTARY TOOLS CABLE TOOLS HOW MANY* DRILLED BY 3935 3845 N/A Yes 25. WAS DIRECTIONAL SURVEY MADE 2741'-2744', 5749'-2758', 2813'-2818', 2832'-2836', 2844'-2848', 2908'-2912', 2959'-2960' Cabresto Canyon; Nacimiento Ext. Yes 26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD*)

GR-DIL-RSCT, SDL-DSN-RSCT

CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE WEIGHT LB/FT DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLED 8-5/8" 24 542 12-1/4" Cmt 450 sxs Class "B " Circ 25 sxs to surface 5-1/2" 3916 7-7/8" Cmt 510 sxs cmt, top of cmt 15.5 115' from surface

29.		LINER RECORD			30.	TUBING RECORD		
SIZE	TOP (MD	BOTTOM (MD)	SACKS CEMENT *	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	
N/A					1.9	2560	N/A	
24 DEDECORATION	000000 # 4		1.	20.0	CID CUOT	EDACTUDE CEMENT CA	SUPEZE ETA	

PERFORATION RECORD

(Interval, size, and number)

32.0 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 2741'-2960

2741'-2744', 5749'-2758', 2813'-2818', 2832'-2836', 2844'-2848', 2908'-2912', 2959'-2960'

Acidize 2500 gals 7-1/2% HCL Frac 52,768 lbs 20/40 Sand

DATE 7/12/98

N/A

4 jspf 132 holes Cabresto Canyon; Nacimiento Ext.

PRODUCTION 33.* PRODUCTION METHOE (Flowing, gas lift, pumping - size and type of pump) DATE FIRST PRODUCTION WELL STATI (Producing or Shut In) 7/12/98 Producing Flowing DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N FOR OIL - BBL GAS - MCF WATER - BBL GAS-OIL RATIO 3/8" 6/26/98 139 48 N/A 24 TEST PERIOD 0 FLOW TBG PRESS CASING PRESSURE CALCULATED OIL - BBI GAS - MCF WATER - BBL OIL GRAVITY - API (CORR.) 30 ACCEPTED FOR RECORD 0 139 48 N/A 24-HOUR RATE

34. DISPOSITION OF GAS Sold

(Sold, used for fuel, vented, etc.)

TEST WITNESSED BY Justin Winkler

LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Christy Serrand

Production Secretary

1.0	TRUE VERT. DEPTH											
TOP	MEAS, DEPTH	1988'	3088	3323'	2550'	3660'	3730'					
	NAME	Nacimiento	Ojo Alamo	Kirtland	Fruitland	Pictured Cliffs	Lewis	-				
11 SCRIPTION, CONTENTS, ETC.												
HOT TOM						,	-					
101												
LORMATION									710	 		

Form	3160-4
(July	1992)

UNIT' STATES SUBMIT IN QUPLICATE DEPARTMENT AT THE INTERIOR IN See other instructions PLINEALL OF LAND MANAGEMENT

FORM APP	ROVED
OMB NO. 10	004-0137

	BUREAU OF	LAND MANAG	GEMEN		IUL	_ l lan	reverse sid					ruary 28, 1995
WELL COM	PLETION OR RI	COMPLETI	ON RE	PORT	AND	10	G *		5. LEASE		GNATION AND	SERIAL NO.
TYPE OF WELL	OIL	GAS	OIVICE		AIID	LU			6. IF IND	IAN, A	LLOTTEE OR T	RIBE NAME
	WELL	WEL X DR	Y 🗌	OTHER			1111	, , p;			Apache	
b. TYPE OF COMPLETION	RK DEEP-	PLUG	DIFF		,	98.	_الاال	1 / 1 /	7. UNIT		EMENT NAME	
NEW WOR		BACK	RESVR			: /	<u>al Bl</u>	<u>jau</u> ERi	8UEARM	OR LE	EASE NAME, W	ÆLL NO.
2. NAME OF OPERATOR					7				Jica	rilla	458-8 No.	10
	Mallon Oil Cor	mpany							9. APIW			4
3. ADDRESS AND TELEPHO	= -		NIN	220	(E0E)		- 450	^			25862	
A LOCATION OF MELL	P.O. Box 3256				(505)			0	i		POOL, OR WI	Ojo Alamo Ext
4. LOCATION OF WELL At surface 800 F3	Report location clea) SL, 1190 FEL (SE	•	nce with a	ny State n	equireme	enis)						K AND SURVEY
	, (,							OR AREA		,,	
At top prod. interval repo	ted below 800 FS	SL, 1190 FEI	_(SES	SE) Uni	t P					. т	2011 00214	
A			<u> </u>	DEDMIT	. NO		- 10011				30N-R03V	
At total depth			14	. PERMIT N/A	NO.		E ISSUE 1/A	Ξυ		Arrib	R PARISH O a	13. STATE NM
15. DATE SPUDDED	16. DATE TO R	EACHED 17. DA	TE COM	(Ready to	Prod.)	18. 1	ELEVA		RKB, RT,	GR, E	19. ELEV. CA	
5/26/98 20. TOTAL DEPTH, MD & TV		2/98 BACK TD, MD & T	07/1		E COM	2 12	3 INITE	7096'	· · · · · · · · · · · ·	POTA	70 RY TOOLS	097' CABLE TOOLS
				WOLTH L		., 2.		LLED BY	1	NO 17	alti ioolo	
3935'		3845'		2			-	<u>→</u>	<u></u>	Y	es	N/A
24. PRODUCING INTERVAL	(S), OF THIS COMPLET	ION - TOP, BOTTO	OM, NAME	(MD AND	TVD*)				25. WAS	DIRE	CTIONAL SUR	VEY MADE
	0' Cabresto Can	on, Ojo Alan	no Ext.						<u></u>		es	
26. TYPE ELECTRIC AND O GR-DIL-RSCT.	THER LOGS RUN SDL-DSN-RSCT	Г							27. V	VAS W	ELL CORED N/A	
28			IG REC	CORD	(Repo	ort a					,	
CASING SIZE/GRADI 8-5/8"	WEIGHT LB		ET (MD) 42		E SIZE -1/4"						RECORD	AMOUNT PULLED
0-3/0			44	12	- 1/4			surfac		Ь	CIIC 25	
5-1/2"	15.5	3:	916	7-7	7/8"			10 sxs		p of	cmt	
29.		l R RECORD	····	L		1		rom sui	tace		TURING DE	CORD
SIZE		OTTOM (MD)	SACKS	CEMENT *	SCRE	EEN (SIZE				PACKER SET (MC
N/A								1.9			3041'	3042'
31. PERFORATION RECOR) (Interval s	ize, and number)	<u> </u>		###		AC	ID SHO	T FRAC	TUR	E CEMENT	SQUEEZE, ETC.
	,	,		DEPTH II	NTERVA		D)			TOUN	AND KIND OF	MATERIAL USED
3099'-3150'	1 JSPF 204 I	Holes			3	099	-3150)'				als 7-1/2% HCL
										Frac	di 000,77	s 12/20 Sand
Cabresto Canyo	n, Ojo Alamo Ext											
33.*		PRODUC	TION		L							
DATE FIRST PRODUCTION	PF	RODUCTION METI		ing, gas lift	t, pumpin	ıg - si:	ze and l	type of pur	np) WELL	STA	(Producing or	Shut In)
7/12/98		Flowing								Ргос	ducing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N		OIL - BI	_	1	GAS - MCF	1	ATER -		GAS-OIL RATIO
6/16/98	24	3/8"	TEST PE	RIOD		0		2027		60	,	N/A
FLOW TBG PRESS	CASING PRESSURE	CALCULATED	OIL -	BBL	G/	AS - N		WATER		OIL G	RAVITY - API (CORR.)
630	0	24-HOUR RATE	0			202	27	60			N/A	
34. DISPOSITION OF GAS	(Sold, used for	fuel, vented, etc.)	L		- 001		L	TEST V	VITNESSE	D BY		
Sold		,,,	arnath	FOR R	ECOK	υ 			ymond			
35 LIST OF ATTACHMENTS	•	AC	CEPTED									
Jo. I hereby certify that the fo	regoing and attached info	rmation is complete	e and corr	ect as dete	ermined f	from a	il availa	ble records				
SIGNED ('WU	. ~ ``	ano		•						DA	TE <u>7/12/9</u>	8
	y Sernano		***		Prod	ucti	on Se	ecretary		-		

		:						FORMATION	drill-st dests, in
								101	OUS ZONES: (5
		11. (10.1)						not ton	how all important re derval tested, cush
								OF SCRIPTION, CONTENTS, ETC.	OF POROUS ZONES: (Show all important zones of porosity and contents through, cared intervals; and all ests, including depth interval tested, cushion used, time tool open, It and shut-in pressures, and
,	Lewis	Pictured Cliffs	Fruitland	Kirtland	Ojo Alamo	Nacimiento		N A A A	J8. GEO
	3730"	3660'	2550'	33231	3088	1988'	MEAS, DEPTH	-1	GEOLOGIC MARKER
*							VERT, DEPTH	TOP	

WELL NAME: JICARILLA 458-8 #10 FIELD: EAST BLANCO LEGAL: SEC 08 TN 30 RW 03 PRODUCING INTERVAL: 2741'-2960' 3099'-3150' 8 5/8" csg. 542' NOTES: Nacimiento 2741'-2960' Ojo Alamo 3099'-3150' 5.5" casing -1.9" IJ Tubing -2560' 1.9 tbg 2741' 2960' Pkr 3042' 3099'

3150'

Pbtd 3845'

(JUNE 1990)

DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

Commingling

prode	Bureau	No.	1004-0135	

5. Lease Designation and Serial	No.
JIC	

5. Lease Designation and Serial N	0
JIC	

SUNDRY NOTICES AND REPO	ORTS ON WELLS	JIC
Do not use this form for proposals to drill or to deeper		6. If Indian, Allotte or Tribe Name
Use "APPLICATION FOR PERMIT "	for such proposals.	Jicarilla Apache
SUBMIT IN TRIPLICATE		7. If Unit or CA, Agreement Designation
1. Type of Well Oil Well X Gas Well Other:		N/A
2. Name of Operator Mallon Oil Company		8. Well Name and No. Jicarilla 458-8 No. 10
3. Address and Telephone No. P.O. Box 3256, Carlsbad, NM 88220	(505) 885-4596	9. Well API No. 30-039-25862
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 800 FSL and 1190 FEL (SE SW) Unit P Sec. 8, T30N-R30W		10. Field and Pool, or Exploratory Area East Blanco, Pictured Cliffs 11. County or Parish, State Rio Arriba, New Mexico
12. CHECK APPROPRIATE BOX(S) TO IN	NDICATE NATURE OF NOTICE, REPO	<u> </u>
TYPE OF SUBMISSION	TYPE	OF ACTION
Notice of Intent	Abandonment Recompletion	Change of Plans New Construction
X Subsequent Report	Plugging Back Casing Repair	Non-Routine Fracturing Water Shut-Off
Final Abandonment Notice	Altering Casing X Other: Dual Completion	Conversion to Injection Dispose Water

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this zone.)*

Mallon Oil Company proposes to dual complete the above reference well in the Nacimiento and Ojo Alamo formations. Each formation will be produced via separate strings of 1.9" tbg. On the surface they will be metered seperately and the gas will go through separate seperators where the water will be metered for each zone. Gas will be commingled on the surface. Well bore diagram attached.

. I hereby certify that the foregoing is true and correct			
gned Chrusty Serrano Christy Serrano	Title	Production Secretary	Date 7/12.98
SPACE FOR FEDERAL OR STATE OFFICE USE)		Lands and Mineral Resc	ources
oproved By Patricia M Nach	Title		Date 9-19-9
onditions of approval, if any:			

(JUNE 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED

Expires March 31, 1993

SUNDRY NOTICES AND REPOR Do not use this form for proposals to drill or to deepen Use "APPLICATION FOR PERMIT RUST ALBUMANTERS	or reentry to a different reservoir. 6. If indian, Allotte or Tribe Name
SUBMIT IN TRIPLICATE	7. If Unit or CA, Agreement Designation
Oil Well X Gas Well Other.	N/A
2. Name of Operator Mallon Oil Company	8. Well Name and No. Jicarilla 458-8 No. 10
P.O. Box 3256, Carlsbad, NM 88220	9. Well API No. 30-039-25862 10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 800' FSL and 1190' FEL (SE SE) Unit P Sec. 8, T30N-R03W	East Blanco; Pictured Cliffs 11. County or Parish, State Rio Arriba, New Mexico
CHECK APPROPRIATE BOX(S) TO INC	ICATE NATURE OF NOTICE, REPORT, OR OTHER DATA
TYPE OF SUBMISSION .	TYPE OF ACTION
Notice of Intent	Abandonment Change of Plans Recompletion New Construction
X Subsequent Report	Plugging Back Non-Routine Fracturing Casing Repair Water Shut-Off
Final Abandonment Notice	Altering Casing Conversion to Injection X Other: Spud Dispose Water (Hole: Report results of multiple completion on Wet
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates	Completion or Recompletion Report and Log form) including estimated date of starting any proposed work. If well is directionally drilled, give

subsurface locations and measured and true vertical depths for all markers and zones pertinent to this zone.)*

Mallon Oil Company spud the above reference well on 5/26/98 at 2:45pm. Drilled 12-1/4" hole, 8-5/8" x 24 lb/ft surface csg was set at 542' and cemented with 300 sxs Class "B". Circulated 25sxs of cmt to surface.

			•					
14. I hereby co	ertify that the foregoing is true and correct		The state of the s					
Signed	Christy Servano	Title	Production Secretary	Date	6-1-98			
(THIS SPACE FOR	FEDERAL ORSTATE OFFICE USE)	Title	Lands and Mineral Resources	Date	JUN 1 1 1998			
Conditions of a	approval, if any:							

Form 3160-3				SUBMIT IN TRIPLICAT	E	FORM APPROVED				
(July 1992)	UNITE	D STATES		(Other instruction	s on;	OMB NO. 1004-0136				
··, ····,	DEPARTMENT		JOR	. ,	7 7	Expires February 28, 1995				
	BUREAU OF LAN	ND MANAGEMEN	Γ		-1.1	5. LEASE DESIGNATION AND SERIAL N	10.			
	APPLICATION FOR PER	RMIT TO DRILL	L OR DEEP	EN		JIG 458, -,				
1a. TYPE OF WORK	Drill X	Deepen	 1	98 APR 2	1 1	6. IFINDIAN, ALLOTTEE OR TRIBE NAM Jicarilla Apache	ΛE			
b. TYPE OF WELL	DIIII X	Беереп	J	OHO ALBIE	HES	AUNIT APREGMENT NAME	—			
Oil Well	Gas Well X Other		Single Zone	Multiple Zone		N/A				
2. NAME OF OPERA	tor Mallon Oil Company					8. FARM OR LEASE NAME, WELL NO. Jicarilla 458-8 No. 10				
3. ADDRESS AND TE						9. API WELL NO.	_			
	P.O. Box 3256									
	Carlsbad, NM 88220	<u>(505) 885-459</u>				10. FIELD AND POOL, OR WILDCAT				
	ELL (Report location clearly and in accord	lance with any State re	quirements.*)			E. Blanco, Pictured Cliffs	_			
At surface		1190' FEL (SE	•			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA				
At proposed prod. zon	e 800' FSL and	1190' FEL (SE	/SE) Unit P			Sec. 8, T30N-R03W				
14. DISTANCE IN MIL	ES AND DIRECTION FROM NEAREST	TOWN OR POST OF	FICE *			12. COUNTY OR PARISH 13. STATE	_			
	56 miles east of Bloomfield	d, New Mexico				Rio Arriba NM				
15. DISTANCE FROM	PROPOSED *		16. NO. OF AC	RES IN LEASE	17. N	O. OF ACRES ASSIGNED				
LOCATION TO NEAR	==:		2560	l	TO T	HIS WELL				
PROPERTY OR LEAS	SE LINE, FT.	•				160				
(Also to nearest drig. u					L		_			
	PROPOSED LOCATION*		19. PROPOSED	DEPTH	20. R	OTARY OR CABLE TOOLS				
•	DRILLING, COMPLETED,			4500!		Detom				
OR APPLIED FOR, O		70001.01		4500'	<u></u>	Rotary	_			
	OW WHETHER DF, RT, GR, Etc.)	7096' GL		WORK WILL START		May 20, 1998	_			
23.	PRO	POSED CASING A		ING PROGRAM			_			
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PE		SETTING DEPTI		QUANTITY OF CEMENT				
12-1/4"	8-5/8"	24		500'		Circ. to surface				
7-8/8"	5-1/2"	15.5	5 #	4500'		570 sks				
				1						
							_			
5-1/2" casing v	npany proposes to drill to a vill be cemented at TD. If a Federal regulations. Spec attachments:	non-productive	, the well wi	ill be plugged ar	nd al	pandoned in a manner				
Exhibit A: Loc Exhibit B: EX Exhibit C: On IN ABOVE SPACE DE	m ow Out Preventor Equipme cation and Elevation Plat isting Roads/Planned Acce e Mile Radius Map SCRIBE PROPOSED PROGRAM: If pro tionally, give pertinent data on subsurface	ess Roads oposal is to deepen, giv			cilitie ncy f Ass ropose	es Plan essment d new productive zone. If proposal is				
24.						F2	_			
SIGNED: 19	rry Lindeman	TITLE:	Operatio	ns Superintend	lent	DATE April 13, 199	<u>≥e</u>			
(This space for Federa	I or State office use)									
PERMIT NO.				APPROVAL DA	TE _		_			
	pes not warrant or certify that the applica	nt holds legal or equita	ble title to those ri	ghts in the subject lease	which	would entitle the applicant to conduct				
operations thereon.										
APPROVED BY	Port Cond Cart	TITLE			DAT	= 5/14/9t				
				······································	_,					

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes 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.

Jicarilla 458-8 SJ No. 7 NE/4 Section 8-30N-3W

DISTRICT I P.C. Box 1960, Hobbs, N.M. 88241-1980 State of New Mexico

7. Minerals & Natural Resources Department

Form C-102 Revised Febuary 21, 1994

Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II P.O. Drawer DD, Artesia, N.M. 88211-0719

lo Brazos Rd., Aztec, N.M. 87410

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, NM 87504-2088

AMENDED REPORT

Box 2088, San	ta Fe, NM	87504-2088		Sa	nta Fe, N	M 875	04-2	8803] AMEN	NDED REPOR
		γ	VELL L	OCATIO	N AND	ACR	EAC	GE DEDI	CATION F	TAL		
	Number	·····		Pool Code					Pool Na	me		
30-039-	26271	-00-00		97037				CABR	ISTO CANY	ON TER	RTIARY	
*Property C	ode		1		* Prop	perty Na	ıme				• 7	Weil Number
2459	1 F			JICA	RILLA 4	58-8	5	S.J.				7
OGRID No).	 			*Opei	rator Na	une					• Elevation
13925	5			١	MALLON	OIL (CO.					7120'
	L				10 Surfa	ace I	ocat	tion			L	
UL or lot no.	Section	Township	Range	Lot Idn	Feet from			/South line	Feet from the	East/We	st line	County
	8	30-N	3-W		2301	1	NO	ORTH	868	EA	ST	RIO ARRIBA
	L	l	11 Botte	om Hole	Locatio	on If	Diff	erent Fro	om Surface			
L or lot no.	Section	Township	Range	Lot Idn	Feet from			/South line	Feet from the	East/We	st line	County
	1											
Dedicated Acre	s ls Joint	or Infill 14 (l Con solida tio	n Code 100	rder No.			***************************************				
NO ALLOW	ABLE W								INTERESTS BY THE D		EEN C	ONSOLIDATE
C. 1917							2301'					contained herein is knowledge and bell
			. 2	O.				868'	Printed No.	DISTRICT		ER
,									I hereby certi	fy that the winner field note: supervision, a best of my best of m	eil iocation s of actual nd that th	TFICATION shown on this place surveyer made by some is true and
						-		FD. U.S.G.I		889	Sylonk!	

FD. U.S.G.L.O.

Cartificate Number

Form 3160-4 (July 1992)

' NITED STATES DEPAR'. .NT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

SUBMIT IN "LICATE"

FORM APPROVED Expires: February 28, 1995

OMB NO. 1004-0137

	WELL (COMPLETI	ON O	R RECOM	PLETI	ION R	EPOR	TANE	LOG	*		5. LEASE		on and c 458	SERIAL NO.
TYPE OF WELL	-		OIL	G/	\S	•						6. IF INDIA			RIBE NAME
b. TYPE OF COMPLE	ETION		METT [w	ELL X] DF	RY	OTHER				7 UNIT 4	Jicarilla GREEMENT		cne
NEW	WOF	RK .	DEEP) <u>.</u>	PLUG		DIFF					7. UNIT A	JINECIMEIA1	N/A	
WELL X	OVE	R	EN		BACK		RESVR					8. FARM (OR LEASE N	AME, W	ELL NO.
2. NAME OF OPERAT	OR								•			Jie	carilla 45	8-8 S	3J No. 7
		Ма	llon Oi	I Company	/							9. APIWE			
3. ADDRESS AND TEL	LEPHONE												30-03		
				2797 Dur						382-91	00 .		AND POOL.		
4. LOCATION OF WEL				on clearly and in			any State r	equirem	ents ")						San Jose
At surface	23011	-NL and 86	98. FFI	L (SE NE),	Unit F	1							T., R., M., OF	R BLOC	K AND SURVEY
At top prod, interval	l reported	below 230)1' FNI	L and 868'	FEL (SE NE	E), Unit	H _.				OR AREA	Sec. 8-T	30N-I	R03W
At total depth	2301' 8	FNL and 86	68' FEI	L (SE NE),	Unit F	4	14	. Permit I	,	Date Issue	i/A		TY OR PAR	ISH 1	3. STATE NM
15. DATE SPUDDED			16. DAT	E TO REACHED)	17. DA	TE COMP	(Ready	to Prod.)	18. ELEVA	TION (DF, R	KB, RT, GF	1, ET 19. E	LEV. CA	SINGHEAD .
12/12/99				2/16/99			01/02/	00			7120'	*		7121	•
20. TOTAL DEPTH, MI	O & TVD		21. P	LUGBACK TD.	MD & TV	0		MULTIF OW MAN		, 23. INT	ERVALS RILLED BY		OTARY TOC	JLS	CABLE TOOLS
2	2050'			199	92'				•				Yes		
24. PRODUCING INTE	RVAL (S)	OF THIS COM	PLETION	- TOP, BOTTO	M, NAME	(MO AN	(יסעד סו					25. WAS	DIRECTIONA	AL SUR	VEY MADE
1516'-1538',	1417'-	1425' Cabi	resta (Canyon Sa	an Jos	e							,	res	7
26. TYPE ELECTRIC A			0310	Janyon, Oc	000							27. W	S WELL CO		
SDĽ/DSN, D	IL											l		No	
										s set in				 -	
CASING S	5/8"	DE	WE	EIGHT LB/FT	- D	EPTH SE 208		I	LE SIZE 2-1/4"		OF CEMEN			<u> </u>	AMOUNT PULLED
	<i>3</i> , 0			2717	_	200	.52	 	2-1/4		86 sx to s				
4-1	172"			11.6#		203	37'	1	5-3/4"	cmt 3	325 sx cn	nt			
<u> </u>				···					······································	circ 1	6 sx to s			====	
29. SIZE		TOP (MD	<u>_</u>	INER RECO	OM (MD)		SACKS C	CHENT		TEN (140)	30 SIZE		UBING RE		PACKER SET(MD)
N.A.		TOP (MD		ВОТТ	JM (MD)		SACKSC	EMENT	SCRE	EN (MD)	2-3/8"		1426	10)	PACKER SET(MD)
							-					1			
31. PERFORATION RE	CORD		(Interv	val, size, and nu	mber)			*******	32	ACID, S	HOT, FRA				EEZE, ETC.
	15	4 <i>C</i> ! 4E20!	2 (00)	_1				DEPTH	INTERVAL					MATERIAL USED
*				PF (44 hole PF (8 holes						1417	'-1538'				·1/2% HCL acid w/70 quality foa
				, San Jose									,000# 12/2		
			·												250,000 SCF2
33.*				00	RODUC	TION	···		<u> </u>		· · ·	wit	h 198# X-	line flu	id :
DATE FIRST PRODUC	TION			PRODUCT			(Flowi	na. aas l	ift. pumpir	na - size and	type of pum	D) WELL	STAT (Proc	ducing c	or Shut In)
1/2:	2/00						Flow				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Р	roduc	ing
DATE OF TEST		HOURS TESTE	D	CH	OKE SIZ	<u>′</u> Ε	PROD'N		OIL - BB	L	GAS - MCF	WA	TER - BBL		GAS-OIL RATIO
1/6/00			24		3/8	;" 	TEST PE)	198		12		N/A
FLOW TBG PRESS 49		CASING PRES	SURE 0	I .	LCULAT		OIL - 6		•	198	WATER 12		OIL GRAVIT	y - api (N/A	(CORR.)
24. DISPOSITION OF	GAS		(Sold us	ed for fuel, vente	ed etc !		I	•••	J		TEST W	TINESSEC	BY		
	J 	Solo										Angel			
JS. LIST OF ATTACH	MENTS	······································													
20 15 20 10 10 10 10 10 10 10 10 10 10 10 10 10															
 I hereby certify that 	, a ·			•				om all av						- /-	/_
SIGNED O	renco	XaU W.	ω	Ukin	(Lir	nda W	/ilkins)		E	ngineeri	ing Techi	nician	DATE C	3/3	12000

T0P	TRUE EPTH VERT DEPTH	1458							
	MEAS. DEPTH	`			••				
NAME		L. San Jose							
Ö.		<u>:</u> نـ	-				 	·	
DESCRIPTION, CONTENTS, ETC.									
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TOP	; ;								
recoveries): FORMATION	ŧ					·	· .		

Signed

Approved B

Conditions of approval, if any

[THIS SPACE FOR FEDERAL OR STATE OFFICE USE)

UNITED STATES CONFIDENTIAL DEPARTMENT OF THE INTERIOR CONFIDENTIAL

BUREAU OF LAND MANAGEMENT

Disager C	- G G G G	140.	1004.0	

5. Lease Designation and Serial No.

	SUNDRY NOTICES AND	REPORTS ON V	VELLSOG DED 1 =	Jic 458						
Do not use t	Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.									
	HOU Lift O.									
			بأن وريان بريوو							
	SUBMIT IN TRIPLICAT	TE		7. If Unit or CA, Agreement	Designation					
1. Type of Well Oil Well X Gas Well	Other:	•		N/A						
2. Name of Operator Mallon Oil Co	ompany			8. Well Name and No. Jicarilla 458-8 No. 7	5,1					
Address and Telephone No.				9. Weil API No.						
P.O. Box 279	97 Durango, CO 81302		(970)382-9100	10. Field and Pool, or Explo	ratory Area					
4. Location of Well (Footage, Sec., T., R., M., or Surve	y Description)		······································	Cabresto Canyon; Sar						
2301 FNL and 868 FEL (SE NE) Ur	nit H			11. County or Parish, State						
Sec. 8, T30N-R03W			·	Rio Arriba, New Mexic	0					
12. CHEC	K APPROPRIATE BOX(S)	TO INDICATE N	ATURE OF NOTICE, F	REPORT, OR OTHER DATA						
TYPE OF SI	UBMISSION			TYPE OF ACTION						
Notice of I	ntent		Abandonment	Change of Plans						
•			Recompletion	New Construction						
X Subseque	nt Report		Plugging Back	Non-Routine Fracture	ng					
			Casing Repair	Water Shut-Off						
Final Abar	ndonment Notice	j	Altering Casing	Conversion to Injecti	oʻu					
_			X Other: Spud	Dispose Water						
				(Note: Report results of multiple completion of	Well					
	·			Completion or Recompletion Report and Log (orin)					
scribe Proposed or Completed Operations (Cler subsurface locations and measured an	arly state all pertinent details, and give per d true vertical depths for all markers and z			d work. If well is directionally drilled, give						
Mallon Oil Company	spud the above refere	enced well on	December 12, 1999	9 at 4:00 pm. Drilled 12-	1/4"					
, -	-		•	Type 3 cmt, circulated						
36 sxs to surface.	community of the contract of t			. , , , , , , , , , , , , , , , , , , ,						
oo axa to surface.		•								
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				•						

J. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as as to any matter within its jurisdiction.

Title

Production Clerk

CONFIDENTIAL

Furm 3160-5 (14.WE 1890)

UNITED STATES DEPARTMENT OF THE INTERIOR DUDEAU OF LAND MANAGEMENT

FORM APPR	OPVED		
Studget Stureau No	. 1004-0		

Budget	Bureau No.	1004-0135

Expires March 31, 1993	

BUREAU OF EARD MAIN	TOLMENT	Extras wards 11' 1992
		Lease Designation and Serial No.
SUNDRY NOTICES AND REPOR		Jic 458
Do not use this form for proposals to drill or to deepen	•	6. If Indian, Allotte or Tribe Name
Use "APPLICATION FOR PERMIT" I	for such proposals.	Jicarilla Apache Tribe
SUBMIT IN TRIPLICATE		7. If Unit or CA, Agreement Designation
1. Type of Well		N/A
Oil Well X Gas Well Other:		
2. Name of Operator Mallon Oil Company		8. Well Name and No. Jicarilla 458-8 No. 7
		9. Well API No.
3. Address and Telephone No. P.O. Box 2797 Durango, CO 81302	(970)382-9100	5. Wei API No.
1 . O. Box 27 or Burango, OO 01002	(370)332 3730	10. Field and Pool, or Exploratory Area
4. Lacation of Well (Footage, Sec., T., R., M., or Survey Description)		Cabresto Canyon; San Jose Ext.
2301 FNL and 868 FEL (SE NE) Unit H		11. County or Parish, State
Sec. 8, T30N-R03W		Rio Arriba, New Mexico
		The full ba, from more
12. CHECK APPROPRIATE BOX(S) TO INC	DICATE NATURE OF NOTICE REP	PORT OR OTHER DATA
TYPE OF SUBMISSION	IYH	E OF ACTION
X Notice of Intent	Abandonment	Change of Plans
TOUGH OF MACIN		
	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
<u> </u>	X Other: TD change	Dispose Water
	A Other. To change	Dispose Water
		(Note: Report results of multiple completion on Weil
asscribe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates	including estimated date of starting any processed wor	Completion or Recompletion Report and Log torm)
subsurface locations and measured and true vertical depths for all markers and zones pertin		n. II was to an outdinding armout, give
· ·	, ,	100
Mallon Oil Company would like to request an am	nendement to the APD for the	above referenced
well. Mallon Oil Company would like to change		above referenced
well mailon on company would like to change	the rotal Depth to 2100;	gg (P
		<u> </u>
		Supplement to the supplement of the supplement o
		175
		22 (9
14. Thereby certify that the foregoing is true and correct		
S. S. W. T. O.		101100
Signed Chrusty Sulumo	Title Production Clerk	Date 12-14-49
[THIS SPACE FOR FEDERAL OR STATE OFFICE USE]		
	· PS	- 1- 1-
Approved B	Title	Date 12/21/89
Conditions of approval, if any:	,	
		·
U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make any department	ent or agency of the United States any faise, fictitious or	r fraudulent statements or representations as
as to any matter within its jurisdiction.		•

*See Instruction on Reverse Side

FORM APPROVED

(Other instructions on

OMB NO. 1004-0136

ru	141 2100-
(Ju	ily 1992)

UNITED STATES DEPARTMENT OF THE INTERIOR

reverse side)

Expires February 28, 1995

		BUREAU OF	LAND	MANAGEN	MENT]:	5. LEASE I	DESIGNATION	AND SER	RIAL NO.
	APPLI	CATION FOR	PERM	AIT TO D	RILL	OR DEEP	EN	٠		JIC 458	į.		
1a. TYPE OF WORK											N. ALLOTTEE	OR TRIBE	NAME
•	Drill	X		Deepen		ا					Apache		
b. TYPE OF WELL		L		•		· .					REEMENT NA	ME	
Oil Well	Gas Well	X Other	-	•		Single Zone		Multiple Zone		N/A			245
2 11115 05 0050 176								- 03 GE 1-5					72.79
2. NAME OF OPERATO		Compony	0/	3925			(r)				OR LEASE NAM		
		Company	_0/-	<u> 100</u>		1221 125	11/1				458-8 SJ	NO. 1	
3. ADDRESS AND TEL		3707				التقادين أوالما		, 1 5 199	ا سا (i	9. API WE	LL NO.	. 2	1771
	P.O. Box 2					£37.4	DES	1 7 5 133	ا . ا		-039		
		CO 81302		70) 382-			ひとり				AND POOL, OF		
4. LOCATION OF WELL	L (Report location	on clearly and in acc	ordance w	ith any State	require	ments.")					Canyon, Sa		ext.
At surface	2301' FNL	and 868' FE	L (SE/1	VE) Unit	tΗ	~ ~	n (] <u>, [[[[</u> [0]5	الما ساريا	11. SEC.,	T., R., M., OR E	3LK.	
						(0))	ا طنا	STEE R	ſ	AND SUR	VEY OR AREA		
At proposed prod. zone	2301' FNL	. and 868' FE	L (SE/N	NE) Unit	t H	٠,	•	B other		H			
			•	•						Sec. 8.	, T30N-R0)3W	
14. DISTANCE IN MILE	S AND DIRECT	ION FROM NEARE	ST TOWN	OR POST C	OFFICE	•					TY OR PARISH		TATE
	51 miles e	ast of Bloom	field. N	lew Mexi	ico			أأن يتنا أن وينعو ومنو		Rio Arr			NM
15. DISTANCE FROM						16. NO. OF AC	RESIN	LEASE			SASSIGNED		
LOCATION TO NEARE									TO THIS				
PROPERTY OR LEASE			868'			2,56	n		"		.156	10	171
(Also to nearest drig, un			000			2,50	U		1		1100	(>)	1.31
18. DISTANCE FROM I		V A TION!				10 000000	0000		20. 20	TARY OR O	ABLE TOOLS		
				100'		19. PROPOSEI	210 211		ZU. KO	WKI OK C	ADEC TOULS		
TO NEAREST WELL, D		•		100			211	50			Dotani		
OR APPLIED FOR, ON			 <u>-</u> -	7406: 6=		ļ		 	<u> </u>	10	Rotary		
21. ELEVATIONS (SHO	W WHETHER	DF, RT, GR, Etc.)		7120' GF		22. APPROX.DAT				12/0	01/99		
23.	·		PROP	OSED CA	SING	AND CEMEN	TING	PROGRAM					
SIZE OF HOLE	GRADE	SIZE OF CASING	. 1	WEK	GHT PE	R FOOT	- 1	SETTING DEP	TH		QUANTITY OF	CEMENT	
12-1/4"		8-5/8"			2	4#		250'		Circula	te to surfa	ice	
6-3/4"	<u> </u>	4-1/2"			14	1.7#		2100			ks 50/50 P		dditive:
	 						<u> </u>					55%	
W	 									795	For 1.	35,	7/00
Mallan On On	L					713 - 10101		·		<u> </u>		<u></u>	
Mallon Oil Co.	proposes i	o ann mis we	ii io an	approxi	mate	10 01 2 100) in t	ne San Jos	e ioim	auon.	- O	:	77.7
well is placed o	n an existi	ng well pad.	Some	addition	ai pa	a extension	may	be required	ı. ine	Jicariii	a Oil	5	
and Gas Admin													
archaeology su													
well APD. If pro	oductive, 4	1-1/2" casing	will be	cemente	ed at	ID. If non-	-brod	uctive, the v	veil wi	i be plu	ggea	**	****
and abandoned							cific	programs as	s per o	n-shore	: Oil 💢		
and Gas Order	No. 1 are	outlined in th	e follov	ving atta	chme	ents:					i i	į .	
Drilling Progran	<u>n</u>												
Exhibit 1: Blo	ow Out Pre	ventor Equip	ment/P	lan		Exhibit D:		illing Site La					
	cation and	Elevation Pla	at			Exhibit E:	Pr	oduction Fa	cilities				
Exhibit B: Ro	ads and P	lpelines				Exhibit F:	H2	S Continge	ncy Pla	an			
Exhibit C: On	e Mile Rad	ius Map				Exhibit G:	Ar	chaeology F	Report				
IN ABOVE SPACE DES		•	f proposal	is to deepen	, give da	ata on present on	oductiv	zone and propos	ed new pe	oductive zo	one. if proposal	i is	
to drill or deepen directi 24.	rolleny, give per	unout Date on Subsu	HACE IOCAL	uons and me	abured i	and and Aptical (Japuis.	Cive biowort bue	ating hio	graiti, il Bill	14		
- "		100											
SIGNED	2.1	()			TITLE	Operation	e C	nerintenden			DATE	44	/01/99
SIGNED:	10/9 000			•	111LE	. Operation	5 SU	perintenden	<u> </u>	•	DATE_		101133
/ 18	rry Endem	all											
(This area : 4 5 4 1	· · · · · · · ·										-		
(This space for Federal	or State office	180)											
DOD! NT									0.75				
PERMIT NO.								_ APPROVAL	DATE				
										4144 - 47	и		
Application approval do	pes not warrant	or certify that the app	plicant hold	is legal or eq	quitable	title to those right	s in the	subject lease whi	ch would	entitie the a	pplicant to cond	luct	
operations thereon.			, 1	0									
CONDITIONS OF APP	ROVAL IF ANY	· At.	لتقلل	Į.		•							
SOMULTIONS OF APP.	/ / /	. 12116		1									
<	tTh an	Man.	1			ヤグラ	~	_		12	1,3199	j	
APPROVED BY	1/10/1/	W SUL		TITLE		71 40		DA	TE		1-1-	<u>/</u>	
/				****	·4u4*	ana 0= 5 ::		lata.					
				"See ins	uructi	ions On Reve	erse S	106					

Title 18 U.S.C. Section 1001, makes 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.

فالها المريسا

Jicarilla 458-8 No. 7 NE/4 Section 8-30N-3W

DISTRICT I P.O. Box 1980, Hobbs, N.M. 88241-1980

State of New Mexico Energy, Minerals & Natural Resources Department

4"

Form C-102 Revised Febuary 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II Parawer DD, Artesia, N.M. 88211-0719

DISTRICT III 1000 Rio Brazos Rd., Aztec, N.M. 87410

PO Box 2088, Santa Fe, NM 87604-2088

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, NM 87504-2088

MENDED REPORT

			WELL I	OCAT	ION AND	AC	CREAC	E DED	ICAT	ION PI	АТ			
¹ API Number										Pool Name				
		-00-c	00	<u> </u>							TO CANYON TERTIARY			
Property C	- 1				Property Name Well Numb									
1 0011	52				JICARILL								7	
OGRID N	1				_		Name						Elevation	
13925 MALLON OIL CO.													7121'	
UL or lot no.	Section	Township	.	Lot Ide	1		1	South line	I	from the	East/West		County	
Н	8	30-N	1 3-W		227	0	NO	DRTH		795	EAS	51	RIO ARRIBA	
			11 Bott	om Ho				erent Fro						
UL or lot no.	Section	Townshi	p Range	Lot Id	a Feet from	the	North	South line	Feet	from the	East/West	line	County	
Dedicated Acre	s loint	or infill	14 Consolidatio	n Code	18 Order No.									
160														
NO ALLOW	ABLE W											EN C	ONSOLIDATED	
		OR A	NON-STA	NDARI	UNIT HA	S B	EEN A	PPROVED	BY	THE DIV	ISION			
16	ļ			ſ	•				1				TIFICATION	
\				1				1					contained herein is knowledge and belief	
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				- 1					-	Title	101		1 .	
·				1			(795'	-	Date	12/0	5 W	101	
ļ			· · · · · · · · · · · · · · · · · · ·	8 -	ġ						18 SURVEYOR CERTIFICATION			
1				ł.	, I '						RVEYOR CERTIFICATION fy that the well location shown on this plat			
													. snown on this plat I surveys made by me	
									01	under my supersect to the be	pervision and	that the	earne is true and	
				1					1		N. R.O.	B1940	USA	
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Will Wellink

Form 3160-4 (July 1992)

CAPTED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions

FCRM APPROVED OMB NO. 1004-0137 Expires: February 28, 1995

\A/F1 CO	MOLET	TONIC	אם חביני	OMPLET	ION DE	DODI	. A NID	100		5. L		_	AND SERIAL NO.		
WELL COI		OIL C	GAS	JIVIP LE I	ION RE	FORI	ANU	LOG		6. 18	JIC 45		OR TRIBE NAME		
70 717 2 3 1122		VELL	☐ WELI	Z 0	RY 🗌	CTHER					JICARILLA APACHE				
B TYPE OF COMPLETION MEW WORK DEEP PLUG DIFF											7 UNIT AGREEMENT NAME N/A				
WELL X OVER EN BACK RESVR B FARM CR LEASE NAME, WELL NO												E, WELL NO			
2 NAME OF OPERATOR										JIC	ARILLA	458-8	NO. 7		
	Mal	lon Oil	l Compa	ny						9. A	PI WELL NO				
3. ADDRESS AND TELEPHO		_								<u></u>	30-039-2				
				risbad, N				885-4	596	⊣	FIELD AND F		RWILDCAT Ojo Alamo Ext.		
4 LOCATION OF WELL At surface			-	in accordan FEL, (S		-		(5' 7)		_			LOCK AND SURVEY		
At Janace	•		1112, 700		,	O 11111	•			1	AREA	M., O. C.	20017 7113 301172		
At top prod interval repo	rted pelow	227	70' FNL,	795 FEL	, (SE N	IE), UN	IT H				SEC. 8,	T30N-	R03W		
At total depth 2270'	FNL, 7	95 FE	L, (SE N	E), UNIT	H 14	PERMIT	LNC	DATE IS		12	COUNTY OR		3 STATE NM		
15. DATE SPUDDED	1	6. DATE	TD REACH	ED 17. DA		(Ready to	Prod.)	18. ELE	VATION (DF.	RKB.	RT, GR, ETC		V. CASINGHEAD		
1/28/1998 20. TOTAL DEPTH, MD & TV			7/98 POGRACK	TO, MD&TV	3/9/98 1 521 O		E COME		7121' GL		ROTARY	712	2' CABLE TOOLS		
	_					YMAN WC	·•		ORILLED BY				1		
3950' 24 PRODUCING INTERVAL	(0) 07 7	115 661	3899'		1 1 1 1 1 1 1	N/.				ا		ES	N/A		
•					M, NAME	עמא טוא;	100 ;			25			URVEY MADE		
3133 26 TYPE ELECTRIC AND O			5' - 3200'							<u> </u>	27 WAS W	YES	62		
SDL, DNS, G			D, GR, F	PERFS							11 VIAG 17	N/A			
28									ngs set ir						
CASING SIZE/GRAD:		WEIGI	HT LB/FT	DEPTH S	ET (MD)	12-1/4	E SIZE		T 345 SX		MENTING RE	CORD	AMOUNT PULLED		
0-0/0		<u></u>		302.01	· · · · · · · · · · · · · · · · · · ·	115 1/7				S TO SURFACE					
4-1/2"		11.6 L	В	3949'				Circ	Circ 100 xsx to surf						
29			LINER RE	CORD	120			30	TUBING RECORD						
	TOP (MD			OM (MD)	SACKS	CEMENT SCRE		EN (MD)			DEPTH SI		PACKER SET (MD		
	N/A			_					1.90		2991'		2992'		
31 PERFORATION RECORD	2	(Inte	rval, size. an	d number)	<u> </u>		32	AC	ID SHOT	FRA	CTURE C	FMENT	, SQUEEZE, ETC.		
	_	(· ·,	- 1,011.20.7		DEPTH I	<u> </u>					_	D OF MATERIAL USED		
200' 4 JSPF (248 HC	(LES							0.70							
							3133	-31/0'	, 3175' -3	200			/2 ACID 20 SAND		
											30,1101	.00 12.	20 0410		
		·· · · ·		000000	STICK		<u> </u>								
DATE FIRST PRODUCTION			PRODUC	PRODUC		ing cas lift	oumoin	r - size a	nd type of pu	m2)	WELL STAT	(Produci	ing or Shut In)		
3/9/1998			1		LOWIN		, , , , , , , , , , , , , , , , , , , ,	y - 5/10 G			PROD		-		
DATE OF TEST	HOURS 1	TESTED	CHO	E SIZE	PRODN	FOR	OIL - BE	SL ,	GAS - MC	= 1	WATER -	8BL	GAS-OIL RATIO		
2/23/1998						RICD	0		242	.	50		0		
FLOW TBG PRESS	CASING			ULATED	OIL -	BBL.		S - MCF	212 WATER				API (CORR.)		
660	U		24-1-0	OUR RATE	U		l	2121	50			υ	,		
34 DISPOSITION OF GAS SOLD	(-	Sold, use	d for fuel, ve	nted, etc.)		م بر <u>د</u>	~2O			VITNE ISO	SSED BY				
35 LIST OF ATTACHMENTS		ALZA.	$\overline{}$	is Edimpiete	ren fo	J. 162-									
36 I hereby certify the for		V/A	d information	is complete	and correc	t as deterr	nined from	n all avaii	able records						
SIGNED		1/	10,-	101		DUCT					5.1	_ 4	124/02		
JIGINED 3	If I	7			17100	10001	IOIV A	ITALI	<u> </u>		DA	<u></u>	11/10		

"(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. 1001, makes 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

1 4

11 GEOLOGIC MARKERS	d	TRUE VERT, DEPTH	
	TOP	MEAS, DEPTH	3120 3345 3548 3780
		XVR	Ojo Alamo Kirtland Fruitland PC Lewis
SUMMAN. OF POROUS ZONES: (Show all important zones of parosity and contents thereof; cared intervals; and all drill-atem, tests, including depth interval tested, cushion used, time tool open, flowing and shul-in pressures, and recoveries):	PRSCRIPTION, CONTENTS, ETC.		
ow all important zones of parosity and conter erval lested, cushion used, time tool open,	HOTTOM		
OUS ZONES: (Shove)	TOP		
37, SUMMANN OF POR drill-stem, tests, in recoveries):	FORMATION .		

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM	APPROVED

5. Lease Designation and Serial No.

Budget Bureau No	1004-0135

SUNDRY NOTICES AND REPORTS ON WELLS

	SUNDRY NOTICES AND REPORTS ON WELLS						
Do not use this form for proposals to drill or to deeper	i or reentry to a different reservoir.	6. If Indian, Allotte or Tribe Name					
Use "APPLICATION FOR PERMIT"	for such proposals.	M.M.					
	VI BUILDELLAGO	Jicarilla Apache					
SUBMIT IN TRIPLICATE		7. If Unit or CA, Agreement Designation					
1. Type of Well X Gas Well Other:		N/A					
2. Name of Operator Mallon Oil Company		8. Well Name and No. Jicarilla 458-8 NO, 7					
3. Address and Telephone No. P.O. Box 3256, Carlsbad, NM 88220	(505) 885-4596	9. Well API No. 30-039-25759					
		10. Field and Pool, or Exploratory Area					
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2270' FNL, 795 FEL(SE NE), Unit H Sec. 8 T30N-R03W		E. Blanco, Pictured Cliffs 11. County or Parish, State					
000. 0 10014-100VV		Rio Arriba County, New Mexico					
12. CHECK APPROPRIATE BOX(S) TO IND	CATE NATURE OF NOTICE, REPORT						
TYPE OF SUBMISSION		ACTION					
Notice of Intent	Abandonment	Change of Plans					
	Recompletion	New Construction					
X Subsequent Report	Plugging Back	Non-Routine Fracturing					
	Casing Repair	Water Shut-Off					
Final Abandonment Notice	Altering Casing	Conversion to Injection					
	X Other: Spud	Dispose Water					
		(Note: Report results of multiple completion on Well					
		Completion or Recompletion Report and Log form)					
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, in	cluding estimated date of starting any proposed work. If well	is directionally drilled, give					
subsurface locations and measured and true vertical depths for all markers and zones pertine	ent to this zone.)*						
Mallon Oil Company and the chave references	1	311- 3 40 4/40 b-1- 0 7/0"					

Mallon Oil Company spud the above referenced well on 1/28/98 at 4:00 pm. Drilled 12-1/4" hole, 8-5/8' x 25 lb/ft surface casing was set at 475' and cemented with 340 sxs Class "B" cement. Circulated 168 sxs of cement to surface.

14. Thereby certify that the foregoing is true and correct Signed Christy Serrand	Title	Production Secretary	Date 7-22-98
Approved By Conditions of approval, if any:	Title	Lands and Mineral Resources	7-29-98 Date
Title 18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make any depart as to any matter within its jurisdiction.	tment or agency of the	United States any false, fictitious or fraudulent statements or	representations

CONFINENTIAL

Form 3160-5

as to any matter within its jurisdiction

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

	5. Lease Designation and Senai
ND REPORTS ON WELLS	JIC 458

eon or Recompetion Seport and Log form)

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. 6. If Indian, Allotte or Tribe Name Use "APPLICATION FOR PERMIT -- " for such proposals. Jicarilla Apache 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE 1 Type of Well Oil Well X Gas Well N/A 8. Well Name and No. 2. Name of Operator Mallon Oil Company Jicarilla 458-8 No. 7 9. Well API No. 3. Address and Telephone No. P.O. Box 3256, Carlsbad, NM 88220 (505) 885-4596 10. Field and Pool, or Exploratory Area 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) East Blanco, Pictured Cliffs 2270' FNL, and 795' FEL (SE NE) Unit H 11. County or Pansh, State Sec. 8, T30N-R03W Rio Arriba County, New Mexico CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION . Notice of Intent Change of Plans Abandonment New Construction Recompletion Subsequent Report Plugging Back Non-Routine Fracturing Casing Repair Water Shut-Off Final Abandonment Notice Altering Casing Conversion to Injection Other: Spud Dispose Water

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally diffied, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this zone.)*

Malon Oil Company proposes to run 4-12" x 11.6 lbs csg to TD and cmt 200' in surface csg.

3/5 /	148			
14. I hereby o	certify that the foregoing is true and correct			
Signed	Christy Suryano Christy Serraho	Title	Secretary	Date 2/6/98
Approved	Preticia Willeta	Title	Lands and Mine	ral Resources 3/5/48
Conditions of	appabrel, it any: Circulate Cenent	t to	surace -	

*See Instruction on Reverse Side

Title 18 U. S. C. Section 1001, makes it a crime for any person knowingly and wiffully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations

Form 3180-5 (JUNE 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135

	Experies M	-	31,	1993	
Lease	Designation	and	Se	rsal	No

	SUNDRY NOTICES AND REPORTS ON WELLS									
	Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT —" for such proposals.									
	Use "APPLICATION FOR PERMIT	for such proposals.	Jicarilla Apache							
	SUBMIT IN TRIPLICATE		7, If Unit or CA, Agreement Designation							
Type of Well Oil We	d X Gas Wel Other:		N/A							
2. Name of Operator	Mallon Oil Company		8. Well Name and No. Jicarilla 458-8 No. 7							
3. Address and Telephone No	P.O. Box 3256, Carlsbad, NM 88220	(505) 885-4596	9. Well &PI No							
4. Location of Well (Footage.	Sec., T., R., M., or Survey Description)		10. Field and Pool, or Exploratory Area East Blanco, Pictured Cliffs							
	2270' FNL, and 795' FEL (SE NE) Unit I Sec. 8, T30N-R03W	1	11. County or Parish, State Rio Arriba County, New Mexico							
12.	CHECK APPROPRIATE BOX(S) TO INC	CATE NATURE OF NOTICE, REPOR	····							
	TYPE OF SUBMISSION	TYPE OF	ACTION							
	Notice of Intent	Abandonment Recompletion	Change of Plans New Construction							
	X Subsequent Report	Plugging Back Casing Repair	Non-Routine Fracturing Water Shut-Off							
	Final Abandonment Notice	Altering Casing X Other: Spud	Conversion to Injection Dispose Water							
			(Note: Report results of multiple completion on Wild Completion of Recompetion Report and Log form ;							

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this zone.)*

Mallon Oil Company spud the above referenced well on 1-28-98.

14. I hereby certify that	t the foregoing is true and correct			
Signed	1 - RT	 Title	Exploration/Production Superintendent	Date 02/04/9
	Terry Lindeman	*11.02		
(THIS SPACE FOR FEDERAL	ON STATE OFFICE USE)		Lands and Mineral Resources	
Approved By	Sal Title	 litle .	Edition and the second	Date
Conditions of approval,	, if any:			



Form 3160-3					SUBMIT IN TRIPLICAT	·	FORM APPROV	/EÐ	
(July 1992)	4		ED STATES	מחום	(Other instruction reverse side)		OMB NO 1004-0		
			T OF THE INTE AND MANAGEME		Lehetza 2ide)		5 LEASE DESIGNATION A		
	APPLIC	ATION FOR PE			EN-ST ALBUM	11:5:	: :JIC458.		
1a TYPE OF WORK	Drill	X.	Deepen				6. IF INDIAN, ALLOTTEE C Jicarilla Apache	R TRIBE NAME	
b TYPE OF WELL	J				_		7 UNIT AGREEMENT NAM	ΛE	
Oil Well	Gas Weil	Other		Single Zone	Multiple Zone		N/A		
2. NAME OF OPERAT		l Company					8. FARM OR LEASE NAME Jicarilla 458-8 No.		
3 ADDRESS AND TE	LEPHONE NO	D.					9. API WELL NO.		
		NM 88220	(505) 885-45				10. FIELD AND POOL, OR		
	LL (Report loc	ation clearly and in acco			i		E. Blanco, Picture		
At surface		2270 FINE al	nd 795' FEL (S	ENE) UNICE	1		11. SEC., T., R., M., OR BL AND SURVEY OR AREA	К.	
At proposed prod. zone	•	2270' FNL a	nd 795' FEL (S	SE NE) Unit H	ł		Sec. 8. T30N-R03	w	
		CTION FROM NEARE			 :		12. COUNTY OR PARISH	13. STATE	
		east of Bloomfie	eld, New Mexic		<u> </u>		Rio Arriba	NM	
15. DISTANCE FROM LOCATION TO NEARS		•		16. NO. OF ACR	ES IN LEASE	1	IO. OF ACRES ASSIGNED HIS WELL		
PROPERTY OR LEAS			795'	22	49.19'		160		
(Also to nearest drig, u	nit line, if any)					<u> </u>			
18. DISTANCE FROM			2550'	19. PROPOSED	DEPTH	20. R	OTARY OR CABLE TOOLS		
TO NEAREST WELL, I OR APPLIED FOR, ON			2550	4	500'		Rotary		
21. ELEVATIONS (SHO			7121'		WORK WILL START	1 (October 20, 1997		
23.			OPOSED CASING	AND CEMENT	NG PROGRAM				
SIZE OF HOLE	GRADE	, SIZE OF CASING		PER FOOT	SETTING DEPT	н	QUANTITY OF CE	MENT	
12-1/4"		8-5/8"		4#	500'		Circ. to surface		
7-8/8"		5-1/2"	15	.5#	4500'		570 sks		
i							<u> </u>		
5-1/2" casing w	ill be cen Federal i	nented at TD. I regulations. Sp	f non-productiv	e, the well wi	ll be plugged a	nd a	mation. If producti bandoned in a mar der No. 1 are outli	nner	
Exhibit 1: Blo Exhibit A: Loc Exhibit B: Ro Exhibit C: On IN ABOVE SPACE DE to drill or deepen direct	Exhibit A: Location and Elevation Plat Exhibit E: Production Facilities Exhibit B: Roads and Pipelines Exhibit F: H2S Contingency Plan								
24.	v	1					•		
SIGNED: Te	rry Linder	nan	TITLE	: Producti	on Superintend	dent	DATE	10/15/97	
(This space for Federa	or State office	e use)	· ·						
PERMIT NO.					APPROVAL D	ATÉ			
Application approval de	oes not warran	it or certify that the appl	icant holds legal or equ	itable title to those n	ahts in the subject leas	e whic	h would entitle the applicant	to conduct	
operations thereon.		1			a sanlaat 1000		onaco uro approdut	_ ,	
CONOLLONS OF 150	BOWN := 1	<i>3.</i> / ^	\wedge				,		

Title 18 U.S.C. Section 1001, makes 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.

*See Instructions On Reverse Side

12 1/4" Hole.

j457-9 #2 loc.xls

ED w/ 3,500 gals 7 1/2% HCl acid.
Taca w 83,000 lbs 1,2120 sd. 1,4 ppg, 790 mscł N2(75% Q), avg @ 25 bpm @ 3,300 psig dn 2 7/8′ tbg. ISIP @ 2,300 psig.
Flow Test on 3/8″ choke, FTP @ 60 psig. 172 mcfd, 1 bwph.

Ojo Alamo: 3,205' - 3,282'

Jicarilla 457-9 SJ No. 2 NW/4 Section 9-30N-3W

DISTRICT I P.O. Box 1980, Hobbs, N.M. 88241-1980 State of New Mexico

Form C-102 Revised Febuary 21, 1994 Instructions on back

State Lease - 4 Copies Fee Lease - 3 Copies

Submit to Appropriate District Office

1000 Rio Brazos Rd., Axtec, N.M. 87410

DISTRICT II P.O. Drawer DD, Artesia, N.M. 88211-0719

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, NM 87504-2088

ETRICT IV O Box 2088, San	ata Pe, NM	87604-2088		Sa	nta Fe, N	IM B	7504-2088			M AMEI	NDED REPORT	
		W	ELL L	OCATIO	N AND	AC	REAGE DEDI	CATION	PLAT			
1	Number			Pool Code		Name						
30-039-		-00-00		9/03/	97037 CABRISTO CAN					,.		
¹Property C	Code				⁶ Proj	perty	Name .		• Well Number			
1355	5				JICARILLA 457-9 SJ					2		
OGRID N					*Ope	rator	Name	*****	* Elevation			
1392	5						OIL CO.				7216'	
					10 Surfa	ace	Location					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from		North/South line	Feet from	he East/	West line	County	
D	9	30-N	3-W		719		NORTH	802'	w	EST	RIO ARRIBA	
			11 Botte	om Hole	Location	on I	f Different Fro	om Surfa	ce			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from	the	North/South line	Feet from	the Bast/	West line	County	
Dedicated Acre	es la Joint	or Infill 14 C	Consolidatio	n Code 1 0	rder No.		1		<u> </u>			
160												
NO ALLOW	ABLE W						ON UNTIL ALL				ONSOLIDATED	
.		OR A N	ON-STA				EEN APPROVED	BY THE	DIVISION	Ī		
	N 89-52-	-31 E 2885'		s/-	CORNER SI	EC. 4						
U.S.G.L.O. PRASS CAP 917	1			U.S. BRA	G.L.O. SS CAP 7			17	OPERA	TOR CE	RTIFICATION	
7 21	ļ			191	,						m contained herein is ny knowledge and belief	
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······································				9	· · · · · · · · · · · · · · · · · · ·			Date		1010		
	}			1				18	SURVEY	OR CEF	RTIFICATION	
	ł							/ hereby	certify that t	he well locati	ion shown on this plat	
	1									ork and that	ual surveys made by m Ups same is true and	
									to the best of	Contact R	US	
									5-/1 9/	+理 形式	72/	
							1	Date	of Street		5/2/	
								Stene	اشتا	-{ 8894 }	bi Surveyor	
	Ì							₩.	Signal S	\leftarrow	1 5 T T T T T T T T T T T T T T T T T T	
	ļ								May 2	X	100	
7	ļ								7 44 /	CATHOMER)		
1150.0	j								V 8	894		
U.S.G.L.O. BRASS CAP 1917								Certif	Icate Number			
	1			ı		1	1	11				

Fo.iii 3160-4 (July 1992)

UNIT D STATES DEPARTMENT F THE INTERNO Section in BUREAU OF LAND MANAGEMENT on reverse side)

/	FORM APPROVED
	OMB NO. 1004-013
	C_{1}

WELL	. COMPLETIC	N OR RECC	MPLETI	ON REPO	ORT ANI) I OG	*		SE DES	Jic 45	O SERVAL NO.
a. TYPE OF WELL	C	IL (GAS				<u></u>		F INDIAN	LESEE OF	= :: <i>L</i> "7
TYPE OF COMPLETIO		/ELL \	WELL X	DRY	OTHER_				JUCARI 7. UNIT AGRE	IZ ADOD	
	ORK	DEEP-	PLUG _	DIFF				l		AHA	Va
METT X 0	VER	EN _	BACK	RESV	R				8. FARM OR L		
. NAME OF OPERATOR	h 4 11	011.0						}		a 457-9 S	SJ No. 2
. ADDRESS AND TELEPH		on Oil Comp	any	· · · · · · · · · · · · · · · · · · ·	 				9. API WELL N 3.	10. 0-039-259	905
. ADDRESS AND TELEPH). Box 2797 [Durango.	CO 8130)2	(970)	382-910	00	10. FIELD AND		
LOCATION OF WELL	····	rt location clearly a				· · · ·					San Jose Ext.
At surface 719'	FNL, 802' FW	L (D) Sec 9-	T30N-R0	WE,					11. SEC., T., F	R., M., OR BLO	OCK AND SURVEY
At top prod, interval rep	orted below								OR AREA Sec	9-T30N-	R03W
At total depth 719'	FNL, 802' FW	L (D) Sec 9-	T30N-R0	WE(14. PERMI		DATE ISSU		12. COUNTY Rio Arri		13. STATE NM
15. DATE SPUDDED		6. DATE TO REA	CHED 1	7. DATE CO	MP (Ready)	to Prod.)	18. ELEVA	TION (DF, R	KB, RT, GR, E	ľ	
8/16/98 20. TOTAL DEPTH, MD & 1	Vn	8/21/9	-		01/98	LE COM		7216'	ROTA	RY TOOLS	217'
;	V O	21, 120000			HOW MAN		· 1	RILLED BY			1
1800'			1800'			·		 >		Yes	N/A
24. PRODUCING INTERVA 1030'-1050', 1 1599'-1605', 16	20'-1130', 118	37'-1207', 12		•	•	33'-149	93'		25. WAS DIRI	Yes	IRVEY MADE
26. TYPE ELECTRIC AND NO	OTHER LOGS RUN							· · · · · · · · · · · · · · · · · · ·	27. WAS \	VELL CORED	
28.	10	C	ASING F	RECORD	(Report	all str	ings set	in well)		110	
CASING SIZE/	1	WEIGHT LB/F	T DE	PTH SET (ME	<u> </u>	LE SIZE			IT, CEMENTIN		AMOUNT PULLED
13-3/8" H-4	10	48 lb		726'	1	7-1/4"	sxs to surfac		s H cmt, circ 200		
8-5/8" K-5	5	24 lb		1800′	1	2-14"	No cr	mt		-	
		LINER R	ECORD					30	TIII	BING REC	DRD
SIZE	TOP (MD		BOTTOM (MD) SAC	S CEMENT	SCR	EEN (MD)	SIZE		TH SET (MD)	PACKER SET (ME
N/A						-		2-3/8		1371'	N/A
31. PERFORATION RECO	RD	(Interval, size	, and number	, ;		32	ACID, S	HOT, FR	ACTURE, C	EMENT, S	QUEEZE, ETC.
						DEPTH	INTERVAL	(MD)	AMOU	NT AND KIND	OF MATERIAL USED
	1030'-1703'	4 ISDE 440 I	holes								
	1000 1100	7 001 1 440 1	110100								
33.*	, , , , , , , , , , , , , , , , , , , 		PRODU	CTION		<u> </u>					
DATE FIRST PRODUCTIO	٧	PF	RODUCTION		lowing, gas	lift, pump	ing - size and	d type of pun	''	AT (Producir	ng or Shut In)
10/20/98 DATE OF TEST	HOURS TESTER		Flowing CHOKE SIZ		O'N FOR	OIL - BI		GAS - MCF		lucing R - BBL	GAS-OIL RATIO
10/1/98	nouna regres	24	3/		T PERIOD	1	0	248		0	N/A
FLOW TBG PRESS	CASING PRESS	URE	CALCULAT	ED C	IL - BBL	G	AS - MCF	WATER	R-BBL OIL	. GRAVITY - A	PI (CORR.)
65		0	24-HOUR R	ATE	0		248		0	N/A	
34. DISPOSITION OF GAS		(Sold, used for fuel	i, vented, etc.)				TEST	witnessed B		
Sold 15. LIST OF ATTACHMEN					·		-		Nonaid	Turig	
36. I hereby certify that the	foregoing and attache	ed information is co	mplete and c	orrect as deter	mined from a	all availat	ele records				· · · · · · · · · · · · · · · · · · ·
\bigcirc	Jusino			nristy Sen				on Secre	tary	DATE	1/13/99
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Furm 3160-5

RECEIVEL

UNITED STATES DEPARTMENT OF THE INTERIOR ON FIDENTIAL BUREAU OF LAND MANAGEMENT

FORM	APPR(VEC

Jic 457

Budget	Bur way No	1004-013

_	_	

99 FEB 19 A SUNDRY NOTICES AND REPORTS ON WELLS

19 On the second of the

99 FEBo not use this form for progosals to drill or to deepen	or reentry to a different reservoir. 5. If Indian, Alotte or Tribe Name Discarilla Apache Tribe 3. If Indian, Alotte or Tribe
SUBMIT IN TRIPLICATE	7. If Unit or CA, Agreement Designation
Type of Weil Oil Weil X Gas Well Other:	N/A
Name of Operator Mallon Oil Company	8, Well Name and No. Jicarilla 457-9 SJ No. 2
. Address and Telephone No. P.O. Box 2797 Durango, CO 81302	9. Well API No. (970)382-9100 30-039-25905
Location of Well (Footage, Sec., T., R., M., or Survey Description) 719' FNL and 802' FWL (NW NW) Unit D Sec. 9, T30N-R03W	10. Field and Pool, or Exploratory Area Cabresto Canyon; San Jose Ext. 11. County or Parish, State Rio Arriba County, New Mexico
2. CHECK APPROPRIATE BOX(S) TO IND	ICATE NATURE OF NOTICE, REPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION
Notice of Intent	Abandonment Change of Plans Recompletion New Construction
X Subsequent Report	Plugging Back Non-Routine Fracturing Casing Repair Water Shut-Off
Final Abandonment Notice	Altering Casing Conversion to Injection X Other: Spud Notice Dispose Water
	(Note: Report results of multiple completion on West Completion of Recompletion Report and Lagitorin (

escribe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this zone.)*

Mallon Oil Company spud the above referenced well on 8/16/98 at 2:15 pm. Drilled a 17-1/4" hole, 13-3/8" x 48 lb/ft surface casing was set at 726'. Cement with 845 sxs, circ 200 sxs to pit.

14. I hereby certify that the foregoing is true and correct			
signed Chrusty Senans	Title	Production Secretary Date	2.18.95
Approved B Conditions of approval, if any:	Title	Lands and Mineral Resources	APR 14

Form 3160-3							- SUBMIT IN TRIPLICAT	E	FORM APPRO	VED
(July 1992)			UNITE	D STATES	,		(Other instruction		OMB NO. 1004-	0136
•		DEPA	RTMENT	OF THE I	NERI	OR	reverse side)		Expires February 2	
		BUR	EAU OF LA	ND MANAGI	MENT				5. LEASE DESIGNATION	AND SERIAL NO
	APPLIC	ATION	FOR PE	RMIT TO I	ORILL	OR DEEP	EN!	1:	JIC 457	
1a. TYPE OF WORK	Drill	X		Deepen			AL REQUERO	UF.	6 IF INDIAN ALLOTTEE C Nicarilla Apache	OR TRIBE NAME
b. TYPE OF WELL	-					V 111	ALBOUGHT.		7. UNIT AGREEMENT NA	ME
Oil Well	Gas Well	X	Other			Single Zone	Multiple Zone		N/A	
2. NAME OF OPERA									8. FARM OR LEASE NAM	
2 4000500 410 5	Mallon Oil		pany						Jicarilla 457-9 No	. 2
3. ADDRESS AND T	P.O. Box								9. API WELL NO.	
	Carlsbad,		8220	(505) 88	5-4596	3			10. FIELD AND POOL, OR	WILDCAT
4. LOCATION OF W									E. Blanco, Picture	
At surface						NW) Unit [)		11. SEC., T., R., M., OR BI	
		·					•		AND SURVEY OR AREA	
At proposed prod. zo	ne	719	FNL and	802' FWL	(NW/	NW) Unit C)		C 0 T20N D02	N A /
14. DISTANCE IN MI	150 440 005	271011 55	ON NEADER	T 7014/1 00 0		105.	· · · · · · · · · · · · · · · · · · ·		Sec. 9, T30N-R03	
14. DISTANCE IN MI				ield, New					Rio Arriba	NM
15. DISTANCE FROM					1	16. NO. OF ACE	RES IN LEASE	17. 1	NO. OF ACRES ASSIGNED	1
LOCATION TO NEAR	REST							тот	HIS WELL	
PROPERTY OR LEA				802'		2560	•		160	
(Also to nearest drig.								<u> </u>		
18. DISTANCE FROM						19. PROPOSED	DEPTH	20. F	ROTARY OR CABLE TOOLS	5
OR APPLIED FOR, C).			4	4500'		Rotary	
21. ELEVATIONS (SH			GR Etc.)	7216' G	1		WORK WILL START		July 4, 1998	
23.	OVE VILLETTICE	<u> </u>					ING PROGRAM		041) 1, 1000	
SIZE OF HOLE	GRADE.	SIZE OF			GHT PE		SETTING DEPT	Ή	QUANTITY OF C	EMENT
12-1/4"		8-5/8"		·	24#		500'		Circ. to surface	
7-7/8"		5-1/2"			15.5	#	4500'		570 sks	
							-			
	· · · · · · · · · · · · · · · · · · ·					·- -	. 	_		
									•	_
Mallon Oil Coi	mpany pro	poses	to drill to	a depth s	ufficie	nt to test th	e Pictured Cliff	s for	mation. If product	ive,
5-1/2 casing	wiii be cen	iented	at ID. If	non-produ	ictive,	tne well w	III be plugged a	nd a	ibandoned in a ma rder No. 1 are outli	nner
in the following	n attachme	eguiai: ents:	ions. Spe	scine progi	aiiis a	is per on-s	nore Oil and Ga	4S U	ruer No. 1 are outil	neu
	9 4114011111	,, ILO.								
Drilling Progra	ım									
Exhibit 1: BI	ow Out Pre			ent/Plan		Exhibit D:	Drilling Site L			
	cation and			5 .		Exhibit E:	Production Fa			
	kisting Roa			ess Roads	5	Exhibit F:	H2S Continge	ency	Plan	

Drilling Pro	aram				
Exhibit 1:	Blow Out Preventor Equipment/Plan	Exhibit D:	Drilling Site Lay	out	
Exhibit A:	Location and Elevation Plat	Exhibit E:	Production Fac		•
Exhibit B:	Existing Roads/Planned Access Roads	Exhibit F:	H2S Contingen		
Exhibit C:	One Mile Radius Map	Exhibit G:	Environmental .	Assessment	
IN ABOVE SPAC	E DESCRIBE PROPOSED PROGRAM: If proposal is to deeper	n, give data on presen	t productive zone and pro	posed new productive zone.	If proposal is
	directionally, give pertinent data on subsurface locations and me	asured and true verti	cal depths. Give blowout	preventer program, if any.	
24.	~				
SIGNED:	Terry Lindeman	E: Operation	ns Superintende	ent DATE	May 29, 199
	TOILY CINCAGNIAN				
(This space for F	ederal or State office use)				
PERMIT NO.			APPROVAL DAT	E	
Application appro	oval does not warrant or certify that the applicant holds legal or e	quitable title to those r	ights in the subject lease	which would entitle the appli	cant to conduct
operations thereo	on.				
CONDITIONS OF	FAPPROVAL, IF ANY:	H= 12	~ 000	- / / /	: 14
APPROVED BY	MULLIN VUIDAN TITLE	1/1020	reconstruction	DATE ///	<u>'U</u>
	*See Instruc	tions On Revers	e Side		
	See mand	MOND ON MEVELS	JC 9106	1 4.	

Title 18 U.S.C. Section 1001, makes 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.

Jicarilla 457-9 No. 2 NW/4 Section 9-30N-3W

DISTRICT I P.O. Box 1980, Hobbs, N.M. 88241-1980

DISTRICT II P.O. Drawer DD, Artesia, N.M. 88211-0719

RICT III
Rio Brazos Rd., Aztec, N.M. 87410

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

Revised Febuary 21, 1994 Instructions on back Submit to Appropriate District Office

Submit to Appropriate District Office State Lease — 4 Copies Fee Lease — 3 Copies

MENDED REPORT

Form C-102

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, NM 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

		· · · · · · · · · · · · · · · · · · ·	MRTF F	OCATIO	N AND A	AC.	REAGE DED	ICATION PI	_AT		
i	Number		Pool Nam	e							
30-039-	30-039-26064-00-00 97037 CABRISTO CANYON TERTIARY									}	
⁴ Property C	ode		*****	Name			4 We	ell Number			
23335 JICARILLA 457-9 2								2			
OGRID N	OGRID No. Operator Name Elevation								Elevation		
1392	5				MALLON	0	IL CO.	,		7	216'
	¹⁰ Surface Location										
UL or lot no.	Section	Township	Range	Lot Idn	Feet from th	8	North/South line	Feet from the	Bast/West	line	County
D	9	30-N	3-W		695	NORTH 731 WES				•	RIO ARRIBA
	11 Bottom Hole Location If Different From Surface										
UL or lot no.	Section	Township	Range	Lot Idn	Feet from th	e	North/South line	Feet from the	East/West	line	County
Dedicated Acre	s ¹⁸ Joint	or Infill 14	Consolidation	Code 16 O	rder No.						
160								·			
NO ALLOW	ABLE W		SSIGNED					INTERESTS I		EN CO	NSOLIDATED
8							EN APPROVED	BY THE DIV	IDION		
for the second	N 89-52-	-31 E 2884	.76′	\$/4	CORNER SEC.	. 4		· · · · · · · · · · · · · · · · · · ·			
G.L.O.	İ			U.S.C	G.L.O.	1		17 0	PERATOR	R CER	RTIFICATION
1917				1917	SS CAP 7	1					contained heroin is
ő	1							true and com	pieta to the be	est of my	knowledge and belief

N 89-52-31 E 2894.76'

S/4 CORNER SEC. 4

U.S.G.L.O.
BRASS CAP
1917

Signature
RESERT BLAYLOCK
Printed Name
DISTRICT MANAGER
Title
Date

18 SURVEYOR CERTIFICATION
18 SURVEYOR CERTIFICATION
19 Warning or the printed survey made by me
or under my nappelled sight light for count of the plat
over under my nappelled sight light for count of the plat
over to the plat light light light for count of the plat
Date of brass

U.S.G.L.O.
BROSS CAP

Certificate Number

UNITED STATES Form 3160-4 SUBMIT IN DUPLIC FORM APPROVED (July 1982) DEPARTMENT F THE INTERIO OMB NO. 1004-0137 BUREAU OF LAND MANAGEMENT Expires: February 28, 1995 5. LEASE DESIGNATION AND SERIAL NO. WELL COMPLETION OR RECOMPLETION REPORT AND LOG * Jic 457 TYPE OF WELL OIL GAS 6. IF INDIAN, ALLOTTEE OR TRIBE NAME WELL X WELL Jicarilla Apache Tribe OTHER TYPE OF COMPLETION 7. UNIT AGREEMENT NAME NEW WORK DEEP-PLUG DIFF N/A RESVR-WELL **OVER** ΕN BACK 8. FARM OR LEASE NAME, WELL NO. X 2 NAME OF OPERATOR Jicarilla 457-9 No. 2 Mallon Oil Company 9 APIWELL NO 3. ADDRESS AND TELEPHONE NO. P. O. Box 2797 Durango, CO 81302 (970) 382-9100 10. FIELD AND POOL, OR WILDCAT 4. LOCATION OF WELL Cabresto Canyon; Ojo Alamo Ext '(Report location clearly and in accordance with any State requirements *) 695' FNL and 731' FWL (NW NW) Unit D At surface 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 695' FNL and 731' FWL (NW NW) Unit D Sec 9, T30N-R03W At top prod. interval reported below 14. PERMIT NO. 12. COUNTY OR PARISH 13. STATE At total depth DATE ISSUED N/A N/A Rio Arriba NM 18. ELEVATION (DF, RKB, RT, GR, ET 19. ELEV. CASINGHEAD 15. DATE SPUDDED 16. DATE TO REACHED 17. DATE COMP (Ready to Prod.) 9/12/98 9/21/98 09/29/98 7216' 20. TOTAL DEPTH, MD & TVD ROTARY TOOLS 21. PLUGBACK TD, MD & TVD 22. IF MULTIPLE COMP., INTERVALS CABLE TOOLS HOW MANY* DRILLED BY 4060' Yes No 24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD*) 25. WAS DIRECTIONAL SURVEY MADE 3205'-3245', 3272'-3282' Cabresto Canyon; Ojo Alamo Ext Yes 26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED SDL-DSN, BCS, DIL-SGRD BSC, SDL-DSN, DILT-SGRD CASING RECORD (Report all strings set in well) CASING SIZE/GRADE WEIGHT LB/FT DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLED 8-5/8" K-55 12-1/4" 24 lb 553 cmt 300 sxs Class H cmt, circ 50 sxs cmt to surface 5-1/2" K-55 4047 15.5 lb 7-7/8" cmt 760 sxs, circ 105 sxs to surface LINER RECORD TUBING RECORD 29. 30 SIZE TOP (MD BOTTOM (MD) SACKS CEMENT SCREEN (MD) DEPTH SET (MD) PACKER SET (MD) SIZE 1.9" N/A 3090' 3089 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. 31. PERFORATION RECORD (Interval, size, and number) DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED ACCEPTED FOR RECORD 3205'-3282' 4 JSPF (200 Holes) 3205'-3282' Acidize 3500 gals 7-1/2 Frac 83,000 lbs 12/20 Sand PRODUCTION DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) WELL STAT (Producing or Shut In) Flowing 10/20/98 Producina WATER - BBL GAS-OIL RATIO CHOKE SIZE PROD'N FOR OIL - BBL GAS - MCF DATE OF TEST HOURS TESTED

10/9/98 3/8" 0 230 12 N/A 24 TEST PERIOD FLOW TBG PRESS CASING PRESSURE CALCULATED OIL - BBL GAS - MCF WATER - BBL OIL GRAVITY - API (CORR.) 24-HOUR RATE 0 72 230 12 N/A 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY Sold John Angel ST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Christy Serrano) Production Secretary DATE 1/13/99

Form 3160-5 (JUNE 1990)

as to any matter within its jurisdiction.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SENTENE	FORM APPROVED
<u> </u>	Budget Bureau No. 1004-0135
ВЦМ	Expires March 31, 1993
F	

	BUNEAU OF LAND MA	NAGENIEN.	· ·	Expries March 31, 1993
	CUMPRY NOTICES AND DED	ODTE ON H	JELL C	5. Lease Designation and Serial No.
	SUNDRY NOTICES AND REP	OKIS ON V	VELLS OO MAR 1	7 Adjc 457 5 7
Do no	ot use this form for proposals to drill or to deep	oen or reentry t	o a different reservation	6. If Indian, Allotte or Tribe Name
	Use "APPLICATION FOR PERMIT -	" for such pro	posals.	NERUUE. Apache Tribe
				IO LINGUE: III
	SUBMIT IN TRIPLICATE			7. If Unit or CA, Agreement Designation
1. Type of Well				N/A
Oil Well X Gas We	M Other:			
2. Name of Operator	Oil Company			8. Well Name and No.
	Oil Company		· · · · · · · · · · · · · · · · · · ·	Jicarilla 457-9 No. 2
Address and Telephone No.	2050 O-4-1-4 NM 00000		(EOE) 00E 4E0C	9. Well API No.
P.O. 80	x 3256, Carlsbad, NM 88220		(505) 885-4596	30-039-26064
				10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M.,	or Survey Description)			E. Blanco Pictured Cliffs
695' FNL and 731' FWL (NW N	W) Unit D			11. County or Parish, State Cong o
Sec. 9, T30N-R03W				Rio Arriba County, New Mexico
12.	HECK APPROPRIATE BOX(S) TO I	NDICATE N	ATURE OF NOTICE REPO	PT OR OTHER DATA
		I		
TYPE	OF SUBMISSION		TYPE	OF ACTION
 1				
L Not	ce of Intent		Abandonment	Change of Plans
			Recompletion	New Construction
[V] 0.4				
[A] Sub	sequent Report		Plugging Back	Non-Routine Fracturing
			Casing Repair	Water Shut-Off
Fina	al Abandonment Notice		Altering Casing	Conversion to Injection
			=	
			X Other: Ammendment	Dispose Water
			•	(Note: Report results of multiple completion on Welf
				Completion or Recompletion Report and Log form.)
13. Describe Proposed or Completed Operation	ns (Clearly state all pertinent details, and give pertinent da	tes, including estin	nated date of starting any proposed work. I	f well is directionally drilled, give
subsurface locations and meas	sured and true vertical depths for all markers and zones pe	rtinent to this zone)°	
The spud sundr	pany proposes an ammendmer y dated 1/13/99, and approved 2 th for the 8-5/8" casing is 553'.		· · · · · · · · · · · · · · · · · · ·	
				,
	•			
	,			
•				
 I hereby certify that the foregoing is true and 	i correct			
∆ la "a. l				0 12 00
Signed COUCLES	Somanio	Title	Production Secretary	Date 3-13-99
	· -			
THIS SPACE FOR FEDERAL OR STATE OFFICE USE)				
	10 1/ 1/		formula and \$ 85	nord Decourage
1-alruces	-M/Keda	****	Lanos and Mil	neral Resources Date 3-17-19
Approved B		Title		Date 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Conditions of approval, if any.				
/				
L				

U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as

Form 3160-5

(JUNE 1990)

UNITED STATCONFIDENTIAL

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM AFFROYED	

RINGSH	DOL#50 U/O	1004-0135

Expres	March 31.	1993

		_		_
Lease	Designation	and	Serial	No

SUNDRY NOTICES AND REPO	PTS ON WELLS	Lease Designation and Serial No. Jic 457
Do not use this form for proposals to drill or to deeper Use "APPLICATION FOR PERMIT"	n or reentry to a different reservoir.	6. If Indian, Allotte or Tribe Name Jicarilla Apache Tribe
SUBMIT IN TRIPLICATE	THE RESIDUENCE OF THE	7. If Unit or CA, Agreement Designation
1. Type of Well X Gas Well Other:		N/A
2. Name of Operator Mallon Oil Company		8. Well Name and No. Jicarilla 457-9 No. 2
3. Address and Telephone No. P.O. Box 3256, Carlsbad, NM 88220	(505) 885-4596	9. Well API No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		10. Field and Pool, or Exploratory Area E. Blanco Pictured Cliffs
695' FNL and 731' FWL (NW NW) Unit D Sec. 9, T30N-R03W		11. County or Parish, State Rio Arriba County, New Mexico
12 CHECK APPROPRIATE BOX(S) TO IND	DICATE NATURE OF NOTICE, REPOR	T, OR OTHER DATA
TYPE OF SUBMISSION	TYPE O	FACTION
Notice of Intent	Abandonment Recompletion	Change of Plans New Construction
X Subsequent Report	Plugging Back Casing Repair	Non-Routine Fracturing Water Shut-Off
Final Abandonment Notice	Altering Casing X Other: Spud Notification	Conversion to Injection Dispose Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
Mallon Oil Company spud the above referenced surface casing was set at 537.21 and cemented	ment to this zone.)* well on 9/12/98 at 1:30pm. Drille	ed 12-1/4 hole, 8-5/8" x 24 lb/ft
to surface.		
14. I hereby certify that the foregoing is true and correct		
Signed Christy Sinono	Title Production Secretary	Date <u>1-13-99</u>
(THIS SPACE FOR FEDERAL OR STATE OFFICE USE) Approved B Putricia M (Les Constant)	Lands and Mine	rai Resources Date 2-10-99
Conditions of approval, if any:		

Form 3160-3				3,	î'	SUBJECT IN TRIPLICATI	E.	FORM APPROVED
(July 1992)				STATES `	*\$	(Other instruction	s on ·	OMB NO. 1004-0136
						Expires February 28, 1995		
		BURI	EAU OF LAN	D MANAGEMEN	Γ	-N 98 JUN 1	<u></u>	5: LEASE DESIGNATION AND SERIAL NO.
	APPLIC	ATION	FOR PER	MIT TO DRIL	L OR DEEPE	EN_ 30 301. 1		JIC 457
1a. TYPE OF WORK			-		-	CI' ALBU	(1)=	6 HI INDIAN ALLOTTEE OR TRIBE NAME
	Drill	[X]		Deepen	J	() 4500		Jicanlla Apache
b. TYPE OF WELL	_	רככו			1	r=-1	_	7. UNIT AGREEMENT NAME
Oil Well	Gas Well	[X]	Other		Single Zone	Multiple Zone		N/A 2333
2. NAME OF OPERAT	OR							8. FARM OR LEASE NAME, WELL NO.
	Mallon Oi	I Comp	any				n 19 1	Jicarilla 457-9 No. 2
3. ADDRESS AND TE						- 一个国	,	9. API WELL NO.
	P.O. Box	3256			Ţ,			30-037-25
•	Carlsbad,	NM 8	8220	(505) 885-459)6			10. FIFI D AND POOL, OR WILDCAT
4. LOCATION OF WE	LL (Report loca					1 F18 1	7	CABASSTO CANYON, OF
At surface				8 02'- FWL (NW	//NW) Unit D.	in the	-	11. SEC., T., R., M., OR BLK.
		769	577NG -	731 FWL			F-, 6%	AND SURVEY OR AREA
At proposed prod. zone	•	719	FNL and	802' FWL (NW	(/NW) Unit D		Ω	D TOOM DOOM
						the state of	12	Sec. 9, T30N-R03W
14. DISTANCE IN MIL						1,1	٠ ا	12 COUNTY OR PARISH 13. STATE
			or Ricourie	eld, New Mexic				Rio Arriba NM
15. DISTANCE FROM		•			16. NO. OF ACRE	ES IN LEASE		O OF ACRES ASSIGNED HIS WELL 160 27
LOCATION TO NEAR				802'	2560		110 11	160 , (?)
PROPERTY OR LEAS				802	2500		1	15
(Also to nearest drig. u 18. DISTANCE FROM		CATION			19. PROPOSED	NEOTH	20 5	ROTARY OR CABLE TOOLS
TO NEAREST WELL,					III. FROFOSED	DEFIN	20. "	TOTALL ON CABLE 100EB
OR APPLIED FOR, ON			•		4	500'		Rotary
21. ELEVATIONS (SH			GP Etc.)	7216' GL	·	WORK WILL START	٠	July 4, 1998
23.	DAA AALIELIJE	K Dr. KI,	PROI	POSED CASING				0di) 4, 1000
SIZE OF HOLE	CDADE	- DIZE OF		WEIGHT P		SETTING DEPT		QUANTITY OF CEMENT
12-1/4"	GRADE	8-5/8"		24		500'	-/-	
							/_	Circ. to surface
7-7/8"		5-1/2"		15.	5#	4500'		570 sks
			<u> </u>	· · · · · · · · · · · · · · · · · · ·				
				<u> </u>		<u></u>		<u> </u>
5-1/2" casing v consistent with in the following Drilling Program Exhibit 1: Blo Exhibit A: Lo Exhibit B: Ex Exhibit C: On IN ABOVE SPACE DE to drill or deepen direct 24.	vill be cen Federal II I attachmon M Ow Out Pr cation and isting Roa ist Mile Ra SCRIBE PROF tionally, give p	nented regulativents: reventor de Eleva ads/Pla addius M POSED PR ortinent da man	at TD. If I ions. Spenions. Spenions Flat inned Accellap	non-productive cific programs int/Plan ess Roads	e, the well will as per on-sh Exhibit D: Exhibit E: Exhibit F: Exhibit G: ive data on present ured and true vertice	Il be plugged a nore Oil and Ga Drilling Site L Production Fa H2S Continge Environmenta productive zone and	ayou aciliti ency Il Ass propose	Plan Sessment Appv Appv The proposal is renter program, if any
(This space for Federa	l or State office	a use)						,
PERMIT NO.						APPROVAL D	ATE	
Application approval doperations thereon. CONDITIONS OF APP	PROVAL F AN	it or certify	that the applica	nt holds legal or equit	able title to those rig	ghts in the subject lea		TE
				*See Instruction	ons On Revers	e Side		(^L

Title 18 U.S.C. Section 1001, makes 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.

HOIDAN DOWN 156 @

Location more for avoid large Conderon -

Jicarilla 457 SJ No. 1 SW/4 Section 9-30N-3W

DISTRICT ! P.O. Box 1980, Hobbs, N.M. 88241-1980

P.O. Drawer DD, Artesia, N.M. 88211-0719

DISTRICT III O Rio Brazos Rd., Aztec, N.M. 87410

STRICT IV PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico Energy, Minerals & Natural Resources Department

Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, NM 87504-2088

☐ AMENDED REPORT

Revised Febuary 21, 1994

Form C-102

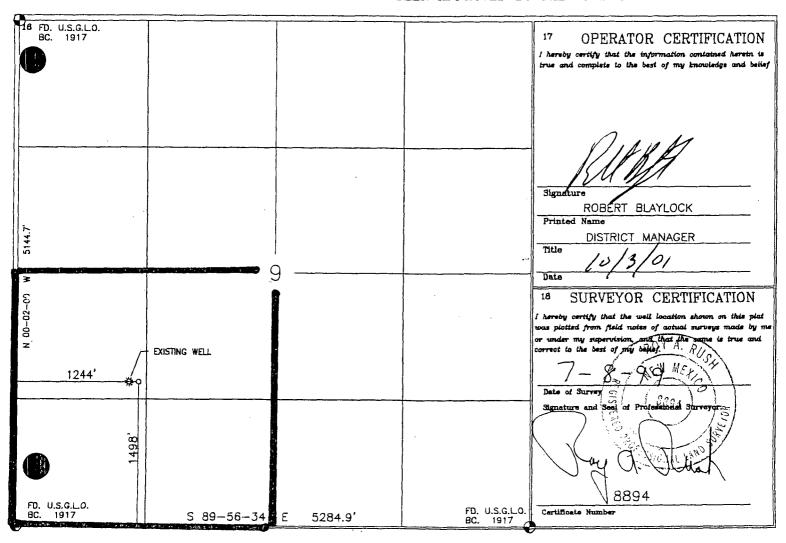
WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-26245-00-	-00 Pool Code 97037	Pool Name CABRISTO CANYON	TERTIARY
Property Code	5	Property Name	Well Number
25132	JICA	ARILLA 457	1SJ
OGRID No.	3	Operator Name	^a Elevation
13925	MALL	ON OIL CO.	7158'
	10 G	r 1.	

Surface Location UL or lot no. Section Township Range North/South line East/West line Lot Idn Feet from the Feet from the County 9 30-N 3-W RIO ARRIBA 1498 SOUTH 1244 WEST ¹¹ Bottom Hole Location If Different From Surface

UL or lot no. Lot Idn Section Township Feet from the North/South line Feet from the Range East/West line County 18 Dedicated Acres 18 Joint or Infill 14 Consolidation Code 16 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



"VITED STATES Form 3160-4 SUBMIT IF "LICATE" FORM APPROVED .NT OF THE INTERIOR DEPART OMB NO. 1004-0137 (July 1992) **BUREAU OF LAND MANAGEMENT** Expires: February 28, 1995 on reverse side) 5. LEASE DESIGNATION AND SERIAL NO. WELL COMPLETION OR RECOMPLETION REPORT AND LOG' Jic 457 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 1a. TYPE OF WELL OIL GAS Jicarilla Apache WELL X WELL TYPE OF COMPLETION 7. UNIT AGREEMENT NAME N/A NEW WORK DEEP-PLUG DIFF 8. FARM OR LEASE NAME, WELL NO. WELL OVER EN BACK RESVR Jicarilla 457 SJ No. 1 2. NAME OF OPERATOR Mallon Oil Company 9. API WELL NO. 30-039-26245 3. ADDRESS AND TELEPHONE NO P. O. Box 2797 Durango, CO 81302 (970) 382-9100 10. FIELD AND POOL, OR WILDCAT 4. LOCATION OF WELL "(Report location clearly and in accordance with any State requirements.") Cabresto Canyon, San Jose 11. SEC., T., R., M., OR BLOCK AND SURVEY 1498' FSL and 1244' FWL (NW SW), Unit L At surface OR AREA 1498' FSL and 1244' FWL (NW SW), Unit L Sec. 9-T30N-R03W At top prod. interval reported below 1498' FSL and 1244' FWL (NW SW), Unit L 12. COUNTY OR PARISH At total deoth 14. Permit No. Date Issued 13. STATE N/A Rio Arriba 18. ELEVATION (DF, RKB, RT, GR, ET 19. ELEV. CASINGHEAD 15. DATE SPUDDED 18. DATE TO REACHED 17. DATE COMP (Ready to Prod.) 12/22/99 12/30/99 01/12/00 7158 7159 20. TOTAL DEPTH, MO & TVD 21. PLUGBACK TO, MD & TVD 22. IF MULTIPLE COMP INTERVALS CABLE TOOLS HOW MANY DRILLED BY 2010 1942 Yes 24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD-) 25. WAS DIRECTIONAL SURVEY MADE 1451'-1457', 1498'-1506', 1550'-1560', 1569'-1576', 1612'-1622' Yes 26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED SDL/DSN, DINO-SGRD No CASING RECORD (Report all strings set in well) CASING SIZE/GRADE TOP OF CEMENT, CEMENTING RECORD WEIGHT LB/FT DEPTH SET (MD) HOLE SIZE AMOUNT PULLED 8-5/8 211 12-1/4" 24# cmt 130 sx Type 3 cmt circ 3 bbls to surface 4-1/2" 11.6# 2003 6-3/4 cmt 325 sx 50:50 poz circ 36 sx to surface LINER RECORD **TUBING RECORD** SIZE TOP (MD BOTTOM (MD) SACKS CEMENT SCREEN (MD) DEPTH SET (MD) PACKER SET(MD) SIZE N.A. 2-3/8" <u> 1453'</u> 31. PERFORATION RECORD ACID; SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. (Interval, size, and number) AMOUNT AND KIND OF MATERIAL USED DEPTH INTERVAL (MD) 1451'-1457', 1498'-1506', 1550'-1560', 1569'-1576', 1612'-1622' acidize 800 gal 7-1/2% HCL acid 1612'-1622' 2 JSPF (82 holes) 1550'-1560', 1569'-1576 acidize 1200 gal 7-1/2% HCL acid Cabresto Canyon, San Jose 1451'-1457', 1498'-1506 acidize 500 gal 7-1/2% HCL acid frac 59,200# 12/20 Brady sand 5,790 8/14 flex sand, 248,000 SCF N2 33.* PRODUCTION DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) WELL STAT (Producing or Shut In) 1/21/00 Producing Flowing

SIGNED Signed a) D. Wilking (Linda Wilkins) Engir

(Sold, used for fuel, vented, etc.)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

HOURS TESTED

CASING PRESSURE

Sold

24 '

DATE OF TEST

FLOW TBG PRESS

1/13/00

135

ST OF ATTACHMENTS

34. DISPOSITION OF GAS

Engineering Technician

GAS - MCF

470

WATER - BBL

2

TEST WITNESSED BY

M. Davis

WATER - BBL

OIL GRAVITY - API (CORR.)

N/A

ATE 3/3/2000

GAS-OIL RATIO

N/A

PROD'N FOR

TEST PERIOD

OIL - BBL

0

OIL - BBL

GAS - MCF

470

CHOKE SIZE

CALCULATED

24-HOUR RATE

3/8"

FORMATION TOP BOTTOM DESCRIPTION CONTENTS, ETC. MAR. MEAS, DEPTH WARTERPH	drill-stem tests, including de recoveries):	epth interval teste	ed, cushion used, time	drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):	GEOLOG	GEOLOGIC MARKERS	
MEAS. DEPTH L. San Jose 1496	FORMATION	TOP	ВОТТОМ	DESCRIPTION, CONTENTS, ETC.	NAME		
L. San Jose						MEAS. DEPTH	VERT DEPT
						1496	
					· ·		
	·		,				
			,				
							

Form 3160-5

14. I hereby certify that the foregoing is true and correct

(IHIS SPACE FOR FEDERAL OR STATE OFFICE USE)

matter within its jurisdiction.

Signed

Approved B

Conditions of approval, if any:

UNITED STATES

UNITED STATES

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM	APPROVED
------	----------

....

Expires March 31, 1993

Date

 $\mathbb{Z}_2^{(3)}.$

	SUNDRY NOTICES AND REPO	PTS ON WELLS	Lease Designation and Serial No.
	Do not use this form for proposals to drill or to deeper Use "APPLICATION FOR PERMIT"	n or reentry to a different reservoir.	6. If Indian, Allotte or Tribe Name Jicarilla Apache Tribe
	SUBMIT IN TRIPLICATE		7. If Unit or CA, Agreement Designation
ype of Well Oil Well X	Gas Well Other:		N/A
ame of Operator Ma	allon Oil Company		8. Well Name and No. Jicarilla 457 SJ No. 1
ddress and Telephone No. P_{\cdot}	O. Box 2797 Durango, CO 81302	(970)382-9100	9. Well API No. 30-039-26245
ocation of Well (Footage, Sec., T 98' FSL and 1244' FW c. 9, T30N-R03W	• • •		10. Field and Pool, or Exploratory Area Cabresto Canyon; San Jose Ext. 11. County or Parish, State Rio Arriba County, New Mexico
	CHECK APPROPRIATE BOX(S) TO IND	DICATE NATURE OF NOTICE, REF	ORT, OR OTHER DATA
	TYPE OF SUBMISSION	TYP	E OF ACTION
	Notice of Intent	Abandonment Recompletion	Change of Plans New Construction
X	Subsequent Report	Plugging Back Casing Repair	Non-Routine Fracturing Water Shut-Off
	Final Abandonment Notice	Altering Casing X Other: Spud	Conversion to Injection Dispose Water
		_	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
	d Operations (Clearly state all pertinent details, and give pertinent dates and measured and true vertical depths for all markers and zones pertin	= ::::	k. If well is directionally drilled, give
Mallon Oil	Company spud the above referenced	•	d 130 sxs Type 3 cmt

*See Instruction on Reverse Side

U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as

Title

Title

Production Clerk



Form 3160-3 (July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR

SUBMIT IN TRIPLICATE

FORM APPROVED

(Other instructions on reverse side) OMB NO. 1004-0136 Expires February 28, 1995

BUREAU OF LAND MANAGEMENT 5. LEASE DESIGNATION AND SERIAL NO. APPLICATION FOR PERMIT TO DRILL OR DEEPEN JIC 457 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 1a. TYPE OF WORK Jicarilla Apache Drill X Deepen TYPE OF WELL . UNIT AGREEMENT NAME N/A X Oil Well Gas Well Other Single Zone Multiple Zone 2. NAME OF OPERATOR 8. FARM OR LEASE NAME, WELL NO Mallon Oil Company Jicarilla 457SJ No. 1 3. ADDRESS AND TELEPHONE NO 9. API WELL NO. P.O. Box 2797 (970) 382-9100 Durango, CO 81302 10. FIELD AND POOL, OR WILDCAT 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) Cabresto Canyon, San Jose ext. 1498' FSL and 1244' FWL (NW/Sw) Unit L 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA At proposed prod. zone 1498' FSL and 1244' FWL (NW/SW) Unit L Sec. 9, T30N-R03W 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 13 STATE 12 COLINTY OR PARISH 51 miles east of Bloomfield, New Mexico Rio Arriba 15. DISTANCE FROM PROPOSED * 16. NO. OF ACRES IN LEASE 17. NO. OF ACRES ASSIGNED 1244' LOCATION TO NEAREST TO THIS WELL PROPERTY OR LEASE LINE, FT. 2,560 156 (Also to nearest drig, unit line, if any) 18. DISTANCE FROM PROPOSED LOCATION* 19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS 100 1800' TO NEAREST WELL, DRILLING, COMPLETED, Rotary OR APPLIED FOR, ON THIS LEASE, FT 7158' GR 21. ELEVATIONS (SHOW WHETHER DF, RT, GR, Etc.) 08/15/99 22. APPROX.DATE WORK WILL START PROPOSED CASING AND CEMENTING PROGRAM 23. SIZE OF HOLE GRADE, SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT 12-1/4" 8-5/8" 24# 500 Circulate to surface 7-7/8" 4-1/2' 14.7# 1800 300 sks 50/50 Poz_w/additive: Mallon Oil Co. proposes to drill this well to an approximate TD of 1800' in the San jose formation. This well is placed on an existing well pad. Some additional pad extension may be required. The Jicarilla oil and Gas Administration has waived any necessity of re-onsiting the well pad as long as any required archaeology survey is submitted. Environmental assessment was previously submitted under the initial well APD. If productive, 4-1/2" casing will be cemented at TD. If non-productive, the well will be plugged and abandoned in a manner consistent with Federal regulations. Specific programs as per on-shore Oil and Gas Order No. 1 are outlined in the following attachments: and Gas Order No. 1 are outlined in the following attachments: Drilling Program Blow Out Preventor Equipment/Plan Exhibit 1: Exhibit D: Drilling Site Layout Exhibit E: Exhibit A: Location and Elevation Plat Production Facilities Exhibit B: Roads and Pipelines Exhibit F: H2S Contingency Plan Exhibit C: One Mile Radius Map Exhibit G: Archaeology Report IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. 24 TITLE: Operations Superintendent 07/16/99 SIGNED: DATE Terry Lindeman (This space for Federal or State office use) PERMIT NO APPROVAL DATE Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. CONDITIONS OF APPROVAL, IF ANY: APPROVED BY *See Instructions On Reverse Side

See manuchons on Reverse side

e 18 U.S.C. Section 1001, makes 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.

Jicarilla 457 No. 1 SW/4 Section 9-30N-3W

La. NM 88210

4 Rd., Axior, NM 87410

de Pachero, Ranta Fe, NM 87505

State of New Mexico Zeergy, Minerals & Natural Resources Department

Form C-102 Revised October 18, 1994

Fee Lease - 3 Copies

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

■ AMENDED REPORT

	M Numb	iT .		Pool Code				? Pool No	late	
30-03	7-241	106	9	4534	בה	WI	LOCAT 30A	1344410	O ACARIO	(G)
⁴ Property	Code				Pr	operty		· · · · · · · · · · · · · · · · · · ·		Well Number
			JIC	ARZ	CLA		457			1
OGRID	No.				' O _F	crator	Name			' Elevation
	.]	. ,	KOBO	アナ	1. 2	34	YCESS		7	154
	^			, 1 - 1	10 Sur	face	Location			
UL or lot no.	Section	Township	Range	Lot Ids	Feet from	the	North/South line	East/West line	County	
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		^ -	11 Bott	om Hol	e Locati	on I	f Different Fro	m Surface	*	
UL or lot so.	Section	Township	Range	Los Ida	Feet from	the	North/South line	Fort from the	East/West line	County
12 Dedicated Acr	ts 13 Joint	ot leum . C	onsolidation	Code " C	rder No.					
160										
NO ALLOY	VABLE '						ON UNTIL ALL			NSOLIDATED
	· 	OR A	NON-STA	NDARD	UNIT HA	AS BE	EEN APPROVED	BY THE DIV	NOIZ	
16								17 OPE	RATOR CER	TIFICATION
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The state of the s				1				18SURV	EYOR CER	TIFICATION
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CONSERVATION DIVISION

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

P. O. HOX 2088 SANTA FE, NEW MEXICO 87501

Form C-102 Revised 10-1-79

8894

All distances must be from the outer boundaries of the Section Well Ho. Leone BERT L. BAYLESS JICARILLA 457 1 County Juli Letter Section Township 30 North 3 West Rio Arriba ictual Passage Location of Well: (cardinal) 1190 1450 South West feet from the line and feet from the hound Level Clev. Producing Permutton Destanted Acteage: 7154 Pictured Cliffs East Blanco Pictured Cliffs 160 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? If answer is "yes," type of consolidation. If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division. Record GLO plat 1922 CERTIFICATION I hereby certify that the information contained herein is true and complete to the Kevin H. McCord Position 77.95 Petroleum Engineer Robert L. Bayless, Producer August 29, 1990 Sec. 30.0 I hereby certify that the well location shown on this plat was platted 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 JipariNa knowledge and L ROY A. RUSH <u>Sept</u> Centificate No.

35 B. 1

Form 3160-4 (July 1992)

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPLICATE

FORM APPROVED OMB NO. 1004-0137

(, ,		_	BUREAU OF LAND MANAGEMENT on reverse side)							Expires: February 28, 1995			
		20115	ETION	AMENDE		ION DEE	007	- 4115	1001	5.	5. LEASE DESIGNATION AND SERIAL NO		
·				OR RECO	MPLEI	ION REF	ORI	AND	LOG *	!		arilla Contrac	<u> </u>
1a. TYPE OF V	MELL		VELL	WELL X	DRY	ОТН	ER			0.		arilla Apache	
b TYPE OF C		TION		لسبيا	DIF					7.		AGREEMENT NAM	
METT	. ove	R X	DEEP-	PLUG BACK	 -	SVR	ОТ	HER .		8.	FAR	M OR LEASE NAME	E, WELL NO
2 NAME OF C	OPERATO	OR .		, <u></u>						!	Jic	arilla 457 No.	1
		Mal	Ion Oil C	ompany						9.	API V	WELL NO.	
3. ADDRESS	AND TEL											-039-24305	
				6, Carlsba					885-45	10		LD AND POOL, OR	
			ort location c S and 119	learly and in acc	cordance v	with any State	e requi	rements '	י	_		Blanco, Ojo A	
At surface	14	30 FL	S and Th	O FVVL							I. SEC R ARE		LOCK AND SURVEY
At top prod	I. interval	reported t	pelow 1	450' FLS a	nd 119	0' FWL							214/
At total day	us 1 <i>1</i>	בחי בו י	S and 11	מי באו		14. PEF	TAUT NO		DATE ISSI	UED 40		c. 9, T30N-R3 JNTY OR PARISH	
		1									Ric	Arriba	New Mexico
15. DATE SPU		1	6. DATE TD 12/2	1/86	7. DATE	COMP (Rea 6/10/8	-	Prod.)		ation (df, rk 154' GL, 7 1		GR, ETC*) 19. EL	EV. CASINGHEAD
20. TOTAL DE		A TVD		BACK TD, MD	& TVD	22. IF MUL		COMP.,		TERVALS	07	ROTARY TOOLS	CABLE TOOLS
40.45	.,			00701		HOW M	ANY*		DF	RILLED BY			
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26. TYPE ELE	CTRIC A	ND OTHE	R LOGS RU	N							27.	WAS WELL CORE	D
28.	Log			CA	SING	RECORE) (R	enort a	all string	s set in we	1117	No	
CASING S	IZE/GRA	OE	WEIGHT		PTH SET			SIZE				NTING RECORD	AMOUNT PULLED
	·5/8"		26.4	#	138'		9-	7/8"		3 sxs Class			
4-	1/2"		11.6	#	4038	·	6-	3/4"	' 200 sxs 50)Z	
								····					
29.			······································	LINER REC	ORD					30.		TUBING RE	CORD
SIZE	Т	OP (MD	1	BOTTOM (MD)		ACKS CEME	NT •	SCRE	EN (MD)	SIZE	\top	DEPTH SET (MD)	PACKER SET (M
										2-3/8"		3005'	3005'
	<u> </u>												
31 PERFORA	ATION RE	CORD	(Interval, s	ize, and numbe	d			32.					SQUEEZE, ETC.
3146'-3	156'		3216'-3	220'				<u></u>	EPIHINI	ERVAL (MU)		AMOUNT AND KINE	O OF MATERIAL USED
3164'-3			3223'-3					314	46'-324	7'		59,000 gals 75	% N2 Foam
3196'-3			3238'-3									76,000 lbs 12/2	20 Sand
3210'-3	214'		1 JSPF	.34" dia									
33.*					RODUC	TION		ļ					
DATE FIRST P	RODUCT	TON	Pf	RODUCTION ME	• • • • • •		s lift, pu	umping - :	size and ty	pe of pump)	WEL	L STATUS (Produ	icing or Shut In)
9/	7/97		ŀ	Flov	ving						İ	Producing	
DATE OF TES	T	HOURS	TESTED	CHOKE SIZE		OD'N FOR ST PERIOD	ı	OIL - BE	BL j	GAS - MCF	1	WATER - BBL	GAS-OIL RATIO
9/7/9	7		24	1/2"	i i			0		1319		12	
FLOW TBG PF	RESS	CASING	PRESSURE	CALCULATED	<u> </u>	OIL - BBL	_		- MCF	WATER -	BBL	OIL GRAVITY -	API (CORR.)
200		(1	24-HOUR RAT	TE			O					
34. DISPOSIT	TON OF C			fuel, vented, e	tc)	ED FOR R	EGO,	· · · · · · · · · · · · · · · · · · ·		TEST WIT	NESS	ED BY	
Sold		(1		.20, 10/100, 8	.u.y _**	to tok.				1631 4411		f Davis	
35. LIST OF A		EPAPA		·	VCCEBY	<u> </u>				1	'		
 -	_/_/	(/)											
36. hereby ce	erfly that	the tartego	ing and attac	hed information	is complet	te and correct	t as de	termined	from all ava	ailable records			
SIGNED	<u>- X</u>	TOL	11		TS.		TIT	ue F	roducti	on Analyst		DATE	12/12/97

(See Instructions and Spaces for Additional Data on Reverse Side) Title 18 U.S.C. 1001, makes 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

Form approved. Budget Bureau No. 1004-0135 STATES SUBMIT IN TRIPLICATES
THE INTERIOR (Other Instructions on re 4150-5 UNITE" STATES Expires August 31, 1985. mber 1983) DEPARTMENT LEASE DESIGNATION AND SERIAL NO. terty 9-331; BUREAU OF LAND MANAGEMENT Jicarilla Contract 457 6. IF INDIAN, ALLOTTEE OR TRIBE VAME SUNDRY NOTICES AND REPORTS ON WELLS Use "APPLICATION FOR PERMIT" for such perposals.) Jicarilla Apache Tribe UNIT AGREEMENT NAME writ _ well 8. FARM OR LEASE NAME NAME OF OPERATOR Robert L. Bayless <u>Jicarilla 457</u> ADDRESS OF OPERATUR 9. WELL BO. P.O. Box 168, Farmington, NM 87499 LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below)

At surface

1450 | FCI | C | 1100 | FUI 10. FIELD AND POOL, OR WILDCAT Undes. Ojo Alamo 1450' FSL & 1190' FWL 11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA Section 9, T30N, R3W 14 PERMIT NO. 15 ELEVATIONS (Show whether DF, RT, GR, etc.) 7154' GL 7167' RKB 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: SUBSEQUENT EMPORT OF: PULL OR ALTER CASING REPAIRING WELL. TEST WATER SHOT-OFF WATER SHUT-OFF PRINT' RE THEAT MULTIPLE COMPLETE FRACTURE TREATMENT ALTERING CABING SHOOT OR ACIDIZE ABANDON* SHOUTING OR ACIDIZING ABANDON MENTS :_X_: Note: Report results of multiple completion on Well "" Remedial plan response Completion or Recompletion Report and Log form.) 17. DESCRIBE PROPOSED OF COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent is used work. In response to your letter of September 12, 1989, concerning protection of fresh water in the San Jose Formation in this well, please be advised that we propose to cement this formation by pumping 375 sacks (773 ft) of Class B cement with 2% econofill down the surface casing - production casing annulus. This volume of cement represents 100% excess and will fill the 6 3/4" hole - production casing annulus with cement to surface and, therefore, cover the San Jose Formation from 245 to 585 feet with cement. We will run a temperature survey after this job to verify that the San Jose Formation is covered with cement. Notify Mark Kelly or Henry Howell 24 hours in advance Work is to be completed within and days CONFIDENTIAL 18. I hereby certify 9/27/89 SIGNED DATE Robert L. Bayles space for Federal or State office use) PROVED BY _ CONDITIONS OF APPROVAL, IF ANT: MMOCO *See Instructions on Reverse Side

7 =	UNIT STATES MENT OF THE INTER		5. LEASE DESIGNATION Jic. Contract	31, 1985 AND SERIAL NO. : 457
(Do not use this form for propo	ICES AND REPORTS (sais to drill or to deepen or plug leation FOR PERMIT—" for such p	back to a different reservoir.	6. IF INDIAN, ALLOTTEE Jicarilla Apa	che Tribe
OIL GAS XX OTHER			7. UNIT AGREEMENT NA	
2. NAME OF OPERATOR Robert L. Bayless			8. FARM OR LEASE NAM Jicarilla 457	
3. ADDRESS OF OPERATOR P.O. Box 168, Farmingt	on, NM 87499	RECEIVED	9. WELL NO. #1	
 LOCATION OF WELL (Report location of See also space 17 below.) At surface 	learly and in accordance with any	DEC 17 1986	10. FIELD AND POOL, OF Wildcat	
1450' FSL & 1190' FWL		REAU OF LAND MANAGEMENT ARMINGTON RESOURCE AREA	Sec. 9, T30N,	
14. PERMIT NO.	15. ELEVATIONS (Show whether DE 7167 RKB	r, RT. GR. etc.)	12. COUNTY OR PARISH Rio Arriba	13. STATE NM
16. Check A		Nature of Notice, Report, or C	Other Data	
FRACTURE TREAT SHOOT OR ACIDIZE	PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON* CHANGE PLANS		ALTERING CA ABANDONMEN CSG. of multiple completion cetion Report and Log for	ASING X

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Spud well at 10:00 p.m. 12/15/86. Drilled 140 ft. of 9-7/8" hole. Ran 3 jts. of 7-5/8" 26.4#/ft. S95 used casing (126.00 ft.). Set at 138 ft. RKB. Rigged up Dowell. Cemented surface with 60 sacks of Class B cement with 3% CaCl (71 ft.3); good circulation throughout job. Circulated cement to surface. Plug down at 2:15 a.m. 12/16/85. WOC. Nipple up BOP.

18. I hereby certify that the foregoing is true and correct SIGNED MILL TO THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF T	TITLE _	Petroleum Engineer	DATE 12/17/86
(This space for Federal or State office use)	TITLE		ACCEPTED FOR RECORD
CONDITIONS OF APPROVAL, IF ANY:			DEC 18 1996

*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA

Form 3160-3 (November 1983)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY :

SUBMIT IN 1 ICATE. (Other instructions on

Form approved. Budget Bureau No. 1004-0136

(formerly 9-331C)		ITED STATE			reverse si	de)	Expires August	31, 1985		
	DEPARTMEN	NT OF THE	INTER	RIOR			5. LEASE DESIGNATION	AND BERIAL NO.		
	BUREAU O	F LAND MANA	GEMEN	T			Jicarilla Con	ntract 457		
APPLICATION	Y FOR PERMIT	TO DRILL.	DEEPE	N. OR I	PLUG B	ACK	6. IF INDIAN, ALLOTTEE	OR TRIBE NAME		
la. TYPE OF WORK							Jicarilla Ap			
DRI	LL 🛛	DEEPEN		PL	UG BAC	K \square	7. UNIT AGREEMENT NA	ME		
b. TYPE OF WELL	A8 (T)		នារ	NGLE [MULTIPI	.B. (27)				
WELL W	ELL OTHER		žo		ZONE	X	8. FARM OR LEASE NAM	_		
2. NAME OF OPERATOR							Jicarilla 45	/		
Robert L. B	ayıess						#1			
-	8, Farmington,	NM 87499		F	-10 15-	•	10. FIELD AND POOL, OR	WILDCAT		
4. LOCATION OF WELL (R	eport location clearly a	nd in accordance wi	th any S	tate requirem	ents.)	Wildcat			
THE PROPERTY.	0' FSL & 1190'						11. SEC., T., B., M., OR B	CK.		
At proposed prod. zon		LMT		OCT (1 1986		AND SURVEY OR ARE	i A		
At proposed prod. 200	same						Sec. 9, T30N	, R3W		
14. DISTANCE IN MILES		EAREST TOWN OR POS	T OFFER	REAU OF LA	ND MANAG	EMENT	12. COUNTY OR PARISH	13. STATE		
			F	RMINGTON	RESOURCE	AREA	Rio Arriba	NM		
15. DISTANCE FROM PROPO LOCATION TO NEAREST			16. NO	OF ACRES II	LEASE		F ACRES ASSIGNED HIS WELL			
PROPERTY OR LEASE L (Also to nearest dr);	INE, FT.		1 2	2533			160			
18. DISTANCE FROM PROP TO NEAREST WELL, D	OSED LOCATION*		19. PR	POSED DEPTH		20. ROTA	RY OR CABLE TOOLS			
OR APPLIED FOR, ON TH		DRILLING O	PERATIO	170'			O - T.D. 22. APPROX. DATE WOR			
21. ELEVATIONS (Show who		DRILLING O SUBJECT TO RKB" GENERAL	COMPL	NS AUTHOR	ZED ARE					
7154'	7167'	RKB" GENERAL	SEUIIBE	MENTO WITH	ATTACHED	This ac	cton is subpesAPo tectoral review pursuant	hnical and		
23.		PROPOSED CASI	NG AND	CEMENTIN	G PROGRA	Mand ap	tion is sub ASA.P o teci ural review pursuant peal pursuant to 43 C	CO 43 OFH 3165. OFR 3165 4		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER F		SETTING			QUANTITY OF CEMENT			
9"	7"	23#/:	ft	12:	5	30 ft	t³ Class B			
61/4"	4½"	11.6				206 ft	206 ft ³ Class B w/2% econofil			
	,		l			89 ft ³	³ 50-50 pozmix			
		l	J		ı					
will drill 9" h	ole to 125' ar	nd set 125' :	23#/ft	: J-55 ca	asing c	ementir	ng with 30 ft ³ (Class B		
Cement, circula	ted to surface	e. Will dri	11_64'	' hole to	4150'	and ru	ın 4150' of 4½"	11.63/ft		
J-55 casing and										
with 2% gel and	10% salt. Ci	irculating m	edium	will be	clear v	water,	natural mud and	d water		
loss control ad										
Induction and D				schema	ic is a	attache	ed. The gas in	om this		
formation is no	t dedicated to	a gas conc.	tact.							
ESTIMATED TOPS:	Ojo Alamo	3252'								
LOTHALLD TOPS:	Kirtland	3492 '								
	Fruitland	3737 '								
•	Pictured Cli									
	T.D.	4170'								
· ` ` ` ` `			1	i ,	i 1	i	•	i v		
Run temper	reture sur	red 4 loc	100 i	id fool	اے دا	elen	nune come	nt top.		
in above space describe zone. If proposal is to	PROPOSED PROGRAM : If	f proposal is to deep nally, give pertinen	pen or pl t data or	ug back, gire i subsurface l	data on pre ocations and	esent produ i measured	ictive sone and proposed land true vertical depths.	Give blowout		
preventer program, if any										
24.	1211	71								
A10 1/20	11/1/1	1/ -	rı F	Opera	ator		9/30	/86		
81GNED	///	7					- "APPR	OVED		
(This space for Feder	ral or State office use)						AS AM	ENDED		
PERMIT NO.				. DDD0.01.1. D. 60						
				APPROVAL DATI	·					

OPERATOR
*See Instructions On Reverse Side

TITLE ___

Jicarilla 460-16 SJ No. 1 NW/4 Section 16-30N-3W

DISTRICT I P.O. Box 1980, Hobbs, N.M. 88241-1980 State of New Mexico Energy, Minerals & Natural Resources Department Form C-102 Revised Febuary 21, 1994 Instructions on back

AMENDED REPORT

Instructions on back Submit to Appropriate District Office

bmit to Appropriate District Office State Lease — 4 Copies Fee Lease — 3 Copies

DISTRICT II P.O. Drawer DD, Artesia, N.M. 88211-0719

000 Rio Brazos Rd., Aztec, N.M. 67410 STRICT IV PO Box 2088, Santa Pe, NM 87504-2088

DISTRICT III

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

	***	and noomings may	HOUGHOU DEDICATION I MIL	
¹ API Number		² Pool Code	Pool Name	
30-039-25942	-00-00	97037	CABRISTO CANYON TER	TIARY
⁴ Property Code		*Pro	perty Name	• Well Number
23626		JICAR	ILLA 460-16 SJ	1
OGRID No.		* Ope	rator Name	• Elevation
13925		MALL	ON OIL CO.	7167'

¹⁰ Surface Location UL or lot no. Feet from the North/South line Section Township Range Lot Idn Feet from the East/West line County Ε 16 3-W RIO ARRIBA 30-N 1940 NORTH 734 WEST 11 Bottom Hole Location If Different From Surface Lot Idn UL or lot po. Section Township Range Feet from the North/South line Feet from the East/West line County Dedicated Acres 18 Joint or Infill 14 Consolidation Code 18 Order No. 60

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

a	16				
	U.S.G.L.O. BRASS CAP 917	S 00-03-26 E	5284.9	U.S.G.L.O. BRASS CAP 1917	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and bettef
	00-02-16 W 26				WILBM
	734'				Signature ROBERT BLAYLOCK Printed Name
	U.S.G.L.O. BRASS CAP	1	6		DISTRICT MANAGER Title 12/6/0/ Date 18 SURVEYOR CERTIFICATION
	1917	. `			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 fund that the same is true and correct to the best his my light.
					Bignature Trust See of Professional Surveior:
					8894 Certificata Number

Form 3160-4 (July 1992)	BUI	ARTME REAU OF L	AND MAI	E INTE NAGEME	ENT	UL	;	(See other on reverse	r inst	5. LEASE	FORM APPROOMB NO. 100- Expires: February EDESIGNATION A	4-0137 y 28, 1995
	COMPLETIQI			ETION I	REPOF	AN TS	ID LOG	*			Jic 460	
1a. TYPE OF WELL	O! W	ELL	GAS WEL D		RY 🗍	OTHER				6. IF IŅD	IAN, ALLOTTEE O Jicarilla Apa	
TYPE OF COMPLETION		· · · · · · · · · · · · · · · · · · ·			Ш	O THEIR		-		7. UNIT A	AGREEMENT NAM	
NEW WO	ORK 59.075	DEEP-		. —	DIFF	r1				9 EADM	N/A OR LEASE NAME	WELLNO
	ER	ostaural	HACK	<u>}:</u> [RESVR	Ш.						
2. NAME OF OPERATOR	Malla	on Oil Con	nany				:			9. API W	arilla 460-16 I	<u>40. 1 53</u>
3. ADDRESS AND TELEPH		JII OII COII	ibaily				<u></u>	·		9. API VV	ELL INO.	
. Appreciation the second		. Box 279	7 Duran	go, CO	81302		(970) 3	82-91	00	10. FIEL	D AND POOL, OR	WILDCAT
4. LOCATION OF WELL		t location clea				State req	uirements *))		Cabr	estò Canyon	San Jose Ext
At surface 1940'	FNL, 734' F\	NL (SW 1	IW) Sec	c. 16, T3	30N-R0	3W, l	Jņit E			11. SEC.	, T., R., M., OR BI	OCK AND SURVEY
At top prod. interval rep	orted below 1940) FNL, 73	4' FWL	(SW N	W) Sec	. 16,	T30N-R(03W,	Unit E	OR AREA	v ec 16, T30N-	R03W
At total depth					14.	PERM	IT NO. DA	ATE ISS N/A	SUED		NTY OR PARISH Arriba	13. STATE NM
15. DATE SPUDDED	16	6. DATE TO F		17. DA	TE COM	(Ready	to Prod. 18			RKB, RT,	GR, E 19. ELEV.	
9/4/98 20. TOTAL DEPTH, MD & T	<u>vn</u>	9/11 [21. PLUG		MD 8 TVD	10/02/		PLE COMP.		167' GR		70 ROTARY TOOLS	618'
		1, , , , ,				NAM WC			RILLED BY	1		
2050'			1920		l						Yes	No No
24. PRODUCING INTERVA						-	16041			25. WAS	DIRECTIONAL SI	JRVEY MADE
	1546', 1558'-1 4', 1738'-174							xt .			Yes	
26. TYPE ELECTRIC AND						.,				27. W	AS WELL CORE)
			CACINIC	2 DECC)DD /F		C = 11 = A -? -		A ! IIV	l	No	
28. CASING SIZE/G	RADE	WEIGHT L	CASING	DEPTH SE			t all string			T CEMEN	TING RECORD	AMOUNT PULLED
8-5/8" K-55		24		118			2-1/4"				0 sxs to pit	AMOUNT OLLED
4-1/2" J-55		10.6		202)51		7 7/011	200	ove EO/E) Da-		
4-1/2 J-35		10.5	-	202	20		7-7/8"		sxs 50/50 to pit	Poz, e	circ trace	
29.		LINER	RECORE)		!			30		TUBING RECO	RD
SIZE	TOP (MD		воттом	(MD)	SACKS C	EMENT	SCREE	N (MD)	1.9"		DEPTH SET (MD)	PACKER SET (MD)
					 				1.9		1684'	None
31. PERFORATION RECO	RD	(Interval, s	ize, and nui	mber)	1		32 A	ACID,	SHOT, FRA	ACTURE	, CEMENT, SC	UEEZE, ETC.
	5001 47701 0	70.1.1					DEPTH IN					OF MATERIAL USED
1	520'-1778', 3	76 noies,	4 1256				15	20'-1	118.		idize 5964 gals ith 30% Meol	
C	abresto Cany	on, San J	ose Ext.								ac 13,902 gals :	
										12	2/20 Sand	
33.*			PROF	DUCTION	<u> </u>		ļ			l		
DATE FIRST PRODUCTION		1				ing, gas	lift, pumping	g - size .	and type of p	um WELL	STAT (Producing	g or Shut In)
10/10/98	· · · · · · · · · · · · · · · · · · ·		Flov	wing	,						roducing	
DATE OF TEST	HOURS TESTED		CHOKE		PROD'N		OIL - BBL	1	GAS - MCF	: 'W/	ATER - BBL	GAS-OIL RATIO
9/30/98	4	24		3/8"	TEST PE	RIOD	0		485		48	N/A
FLOW TBG PRESS	CASING PRESSU	JRE	CALCUL	ATED	OIL -	BBL	GAS -	MCF	WATER	- BBL	OIL GRAVITY - AI	LPI (CORR.)
			24-HOU	RRATE	.		l		1			
140		0						35		18	N/A	
34. DISPOSITION OF GAS Sold	(S	Sold, used for	fuel, vented	i, etc.)			-ÖŘĎ		TEST W	VITNESSE	D BY	
35. LIST OF ATTACHMENT	S		.,	ACCEP	TED FC	SK KE		+		·.	·	·
36. I hereby certify that the	foregoing and attach	ned Information	is complet	le and corre	ect as dete	ermined	from all avai	lable re	cords			
SIGNED Chru	The go	HHOU							on Secret		DATE 12/8	
Title 18 U.S.C. 1001 makes	it a crime for any or	-							verse Side Inited States	•	fictitious or fraudul	ent statements

Form 3160-4

or representations as to any matter within its jurisdiction

CONFIDENTIAL

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								FORMATION	coveri
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	•							DESCRIPTION, CONTENTS, ETC.	recoveries):
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		•						ETC.	
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						•	1518'TD	MEAS, DEPTH	
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								P TRUE VERT. DEPTH	
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Form 3160-5

UNITED STATES

F	ORM	ΑP	PRO	VED

Budgut Bareau No	1004-013

JANE 1990)	DEPARTMENT OF THE INT	Budget Berese No. 1004-0135					
	BUREAU OF LAND MANAG	EMENT	Expires March 31, 1993				
	SUNDRY NOTICES AND REPORT	 Lease Designation and Serial No. Jic 460 					
	Do not use this form for proposals to drill or to deepen or	6. If Indian, Allotte or Tribe Name					
	Use "APPLICATION FOR PERMIT" for	Jicarilla Apache Tribe					
	SUBMIT IN TRIPLICATE		7. If Unit or CA, Agreement Designation				
. Type of Well	, ,,,,,	*	N/A				
	Oil Well X Gas Well Other:	· · · · · · · · · · · · · · · · · · ·					
. Name of Operator	Mallon Oil Company		8. Well Name, and No. Jicarilla 460-16 No. 1 SJ				
. Address and Telej			9. Well API No.				
·	P.O. Box 3256, Carlsbad, NM 88220	(505) 885-4596	10. Field and Pool, or Exploratory Area				
Location of Mall (Footage, Sec., T., R., M., or Survey Description)	· · · · · · · · · · · · · · · · · · ·	Cabresto Canyon; San Jose Ext.				
	734' FWL (SW NW) Unit E		11. County or Parish, State				
Sec. 16, T30N	· · ·	•	Rio Arriba County, New Mexico				
JCC. 10, 1301	-10011		The range county, New Mexico				
2.	CHECK APPROPRIATE BOX(S) TO INDIC	CATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA				
	TYPE OF SUBMISSION	TYPE	OF ACTION				
	Notice of Intent	Abandonment	Change of Plans				
		=					
		Recompletion	New Construction				
	X Subsequent Report	Plugging Back	Non-Routine Fracturing				
		Casing Repair	Water Shut-Off				
	Final Abandonment Notice	Altering Casing	Conversion to Injection				
		X Other: Spud Notice	Dispose Water				
		•	(Note: Report results of multiple completion on Wolf				
			Completion or Recompletion Report and Log form (
subs	sed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, ind surface locations and measured and true vertical depths for all markers and zones pertinent allon Oil company spud the above referenced we	to this zone.)*	led 12-1/4" hole, → ເອ				
8-	5/8" x 24 lb/ft csg was set at 1182' and cemented	I with 800 sxs Class "H" cmt.	. Circulated $\stackrel{ ext{ iny }}{=}$				
14	0 sxs to surface.						
			in the second second second second second second second second second second second second second second second				
			en en en en en en en en en en en en en e				
			2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2				
			(។ ឃុ				
			FF2 (755)				
			<u>.</u>				
	nat the foregoing is true and correct	•					
Signed U	luotu Serrano	Title Production Secretary	Date 11-9-98				
agaicu 💙	- CUVA - A-CAZ A CULA - CO	inie i joudolion accielaiv	Date 11-3-30				

14. I hereby certify that the foregoing is true and correct				
Signed Crusty Serrans	Title	Production Secretary	Date	11-9-98
Approved B	Title	Livers and Mineral Resources	Date	12 - 1-98
Conditions of approval, if any:				

Form 3160-3 (July 1992)

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN TRIPLICATE

(Other instructions on

FORM APPROVED

OMB NO. 1004-0136

Expires Formary 28, 199

				ID MANAGE		OK	leverse side) i	1144	5. LEASE DESIGNATION AND SERIAL NO	<u></u>
	A DDI					OR DEEPE	M		Jic460	_
1a TYPE OF WORK	ALL	CATIO	TONIL	KWIII TO L		ON BEEL E	301/	<u> </u>	6. IF INDIAN, ALLOTTEE OR TRIBE NAME	<u></u>
1a TYPE OF WORK	Drill	X		Deepen		1			Jicarilla Apache	E
b TYPE OF WELL	DIIII			Всерен			14 JUNE	ur in	7: UNIT AGREEMENT NAME	_
Oil Well	Gas Well	X	Other			Single Zone	Multiple Zone		N/A	
2 NAME OF OPERATO	OR								8. FARM OR LEASE NAME, WELL NO	
	Mallon Oi	l Compa	ınv						Jicarilla 460-16 No. 1A	
3 ADDRESS AND TEL		<u>-</u> -							9. API WELL NO.	_
	P.O. Box									
	Carlsbad,	NM 88	220	(505)885-	-4596	,			10. FIELD AND POOL, OR WILDCAT	
4. LOCATION OF WEL	.l. (Report locati	on clearly a	nd in accordance	e with any State	require	ments.*)			Cabresto Canyon; San Jose	: E
At surface		1940'	FNL, 734	'FWL'(SW	/ NW)) Unit E			11. SEC., T., R., M., OR BLK.	_
				. =					AND SURVEY OR AREA	
At proposed prod. zone		1940'	FNL, 734	'FWL (SW	/ NW)) Unit E			Sec. 16, T30N-R03W	
14 DISTANCE IN MILE				WN OR POST (OFFICE	•			12. COUNTY OR PARISH 13. STATE	_
50 miles east of	f Bloomfié	ld, New	Mexico						Rio Arriba NM	
15 DISTANCE FROM	PROPOSED*					16. NO, OF ACRE		17. NO	OF ACRES ASSIGNED	_
LOCATION TO NEARE	ST	690'					1999.99	TO THI	S WELL	
PROPERTY OR LEASE	ELINE, FT.								160	
(Also to nearest drig, un						,				
18. DISTANCE FROM				05501		19. PROPOSED E		20. RO	TARY OR CABLE TOOLS	
TO NEAREST WELL, D				3550'			4500'	1	Rotary	
OR APPLIED FOR, ON										
21, ELEVATIONS (SHC	W WHETHER	DF, RT, GR		7168		22. APPROX.DATE			08/10/98	
23.				· · · · · · · · · · · · · · · · · · ·			NG PROGRAM			
SIZE OF HOLE	GRADE	, SIZE OF C	ASING	WEIG		R FOOT	SETTING DE		QUANTITY OF CEMENT	
11"		8-5/8"			24	#	118	0,	cir to surface	
7-7/8"										
										_
A .					,					_
Mallon Oil Com it will be open h consistent with	iole compl Federal re	eted. If gulation	non-produs. Specif	uctive, the ic program	well v s as p	vill be plugge oer on-shore	ed and abande Oil and Gas (oned in Order N	a manner o. 1 are outlined	
in the following	attachmei	nts: This	s bore hol	e is on an o	existir	ng pad. The	surface use p	lan is a	lready in place.	
Drilling Progran										
	w Out Pre			/Plan			Drilling Site L			
	cation and		on Plat				Production Fa			
	ads and P		_				H2S Continge			
	e Mila Rac						Environmenta			
IN ABOVE SPACE DES	CRIDE PROPO	SED PROG	RAM: If propo	sal is to deepen,	give da	ta on present produ	ctive zone and propo	osed new p	roductive zone. If proposal is	
to dill or deepen directi	onally, give peri	inent data o	n subs av ace lo	cations and mea	sured a	nd true vertical dep	ths. Give blowout pr	eventer pro	gram, if any.	1_
24	1/ <i>X</i> .	,	/)	_	1				alpl) ~\d
SIGNED: M.	Yay Davis	SA	al	500	TTLE:	Production /	Analyst		DATE 8/3/	12
(This space for Federal								· · · · · · · · · · · · · · · · · · ·		_
PERMIT NO.							APPROVAI	L DATE		
Application approval do	es not warrant o	or certify that	the applicant h	iolds legal or equ	.iitable ti	tle to those rights in	the subject lease wh	nich would e	entitle the applicant to conduct	
operations thereon.	,-			- ,	6					
CONDITIONS OF APPE	ROVAL, IF ANY		Fine, at	l oper	His	us to the	existing	well	PaO:	
APPROVED BY	Woll	.Vil	la lo (10	6 TITLE	135	titield	Mg/2. 0	ATES/	13/98	

itle 18 U.S.C. Section 1001, makes 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.

*See Instructions On Reverse Side

Jicarilla 460-16 No. 1 NW/4 Section 16-30N-3W

DISTRICT I P.O. Box 1980, Hobbs, N.M. 88241-1980

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised Febuary 21, 1994 Instructions on back

Submit to Appropriate District Office

8894

Certificate Number

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT II P.O. Drawer DD, Artesia, N.M. 88211-0719

DISTRICT III 1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV PO Box 2088, Santa Fe, NM 87504-2088 OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87504-2088

TAMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT API Number Pool Code Pool Name 30-039-25760-00-00 97037 CABRISTO CANYON TERTIARY Well Number ⁴Property Code Property Name JICARILLA 460-16 OGRID No. *Operator Name Blevation 13925 MALLON OIL CO. 7168' ¹⁰ Surface Location UL or lot no. Section Feet from the North/South line Township Range Lot Idn Feet from the East/West line County Ε 16 30 - N3-W 1850 **NORTH** 690 WEST RIO ARRIBA 11 Bottom Hole Location If Different From Surface UL or lot no. Section Township Lot Idn Feet from the North/South line Range Feet from the East/West line County 18 Dedicated Acres 18 Joint or Infill 14 Consolidation Code "Order No. 160 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 17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief #OBERT BLAYLOCK 690 Printed Name DISTRICT MANAGER 18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by m Date of St

Form 3160-4 (July 1992)		Ur" PARTN UREAU Gr		HE INTER	ÇQN	FIC	EM.	MTA DI)r		FORM APPR OMB NO. 100 Expires Februar) 4- 0137	
	OMPLETIC					1	0.100	08 (EV9134			E DESIGNATION A		
TYPE OF WELL		OIL	GAS	LETION	KEPUF	KI AN	וט בטנ		6		DIAN, ALLOTTEE C	OR TRIBE NAME	
	,	MBT [] wern[X OR	IY 🔲	OTHER					carilla Apach		
b TYPE OF COMPLETION NEW WOR	ov.	DEEP.	PLU	ıc	7		AGREEMENT NAN	AE					
NEW WOR		DEEP. PLUG DIFF EN BACK RESVR									8 FARM OR LEASE NAME, WELL NO		
2 NAME OF OPERATOR	· · · · · · · · · · · · · · · · · · ·									Ji	icarilla 460-16	i No. 1	
	Mai	lon Oil Co	mpany						9		VELL NO		
3. ADDRESS AND TELEPHO					00000		(505)	205 45			0-039-25760		
4 LOCATION OF WELL). Box 325		,				885-45		10. FIELD AND POOL OR WILDCAT Cabresto Canyon; Ojo Alamo Ext.			
At surface	(n ep	ort location cle	sany and in	accordance	win any 5	iate redi	uiremenis	,				LOCK AND SURVEY	
,,, 	185	0' FNL, 6	90. EMI	. (SW NV	V), Unit	ŧΕ				RARE		COOK AND SCREET	
At top prod, interval repor		מי באון כ	00' EM	(CIA/ NI)	A/\ 11	. –				S	ec 16, T30N,	R03W	
At total depth 185	185 69 FNL, 69	60' FNL, 6 0' FWL (S		•	· ·	PERM	CHAT.	DATE ISSU	ien i	2 COI	JNTY OR PARISH	13 STATE	
At total depth 199				, 5			/A	N/A	,		lio Arriba	NM	
15 DATE SPUDDED		16. DATE TO		17. DA			to Prod		•	KB. RT.	GR, E 19. ELEV		
2/22/98 20 TOTAL DEPTH, MD & TVI	l	2/28/9 121 PLU		MORTOD	6/15/9:		PLE COM	ין ואר נגן ק	168' GL		7169'	CABLE TOOLS	
2070			20021		но	W MAN	iY*	OF	RILLED BY		VEO	1	
3970'	(S) OF THIS CO	DARK STICK	3903'	FOM NAME	(40 440	N/A				<u> </u>	YES S DIRECTIONAL SI	N/A	
				OW, NAME	(MU A110	, ,				J. VVA		OKAEL WADE	
3164' - 320 26 TYPE ELECTRIC AND OT		Ojo Al	iamo							27 V	YES VAS WELL CORE		
GR, GDL, DS											N/A		
28 CASING SIZE/GRA	105	WEIGHT		OEPTH SE					in well)	CELLE	VIII. 250000	L	
8-5/8"	10E	24		537.2			LE SIZE 2-1/4"		30 sxs Cla		NTING RECORD 3" Circ	AMOUNT PULLED	
5 4/0"		401011		3050			7/01		s to surfa				
5-1/8"		15/5 l	D	3958		 '	-7/8"	to su	580 sxs ci	rc 5/	SXS	 	
29		LINE	R RECOP	RD		ـــــــــــــــــــــــــــــــــــــ		1,72,73	30		TUBING RECORD		
SIZE N/A	TOP (MD		BOTTO	M (MD)	SACKS C	EMENT	SCRE	EN (MD)	SIZE 1.9		DEPTH SET (MD) 2997'	PACKER SET (MD	
INA			·						1.3	+	2331	2990	
31 PERFORATION RECORD)	(Interval,	size, and r	number)			32	ACID, S	HOT, FRA	CTUR	E, CEMENT, SC	QUEEZE, ETC.	
3164' - 3175'	4 JSPF	44 ho	nlac		C	DEPTH II	NTERVAL	. (MD)		Al	MOUNT AND KIND	OF MATERIAL USED	
3104 - 3170	7 301 1	7 7 7 1 1	Jies				31	64' - 32	208'		2500 gals 7-	·1/2 acid	
3183' - 3208'	4 JSPF	100 H	noles				ļ				Frac 36,000	lbs sand	
Ojo Alamo													
33 ·				ODUCTION									
DATE FIRST PRODUCTION			PRODUC	TION METH	OD (Flow	ng, gas	lift, pumpi	ing - size a	ind type of pur	n/WEL	LSTAT <i>(Producin</i> i SI	g or Shut In)	
DATE OF TEST	HOURS TESTE	D D	СНОК	E SIZE	PRODN	FOR	OIL - BB	L .	GAS - MCF		ATER - BBL	GAS-OIL RATIO	
	l				TEST PE	RICO							
3/7/98 FLOW TBG PRESS	24 CASING PRES	SURF		ULATED	OIL -		O GA	S - MCF	673 WATER	. BBI	110 OIL GRAVITY - A	N/A	
		JUNE	t t	OUR RATE	1				1	000	1	, ((() () () () ()	
200	0			<u> </u>	0			673	110		N/A	,	
34. DISPOSITION OF GAS Sold		(Sold, used fo					nan.		TEST WI		F7 81	:	
35. LIST OF ATTACHMENTS					_ = =	OR RE	COAN						
Sold 35. LIST OF ATTACHMENTS 36. I hereby certify that the fo	recoing and attr	ched informat	ion is comp	lete and	CTED T	ermined	from all as	railable rec	cords				
GNED Chru		HHAL		M					n Secreta	irv	DATE 4/2	22104	
Januar Carrow		لتعدن								.,	- ~	40170	

								-
Chrublin Siever	DAYU.		 			djo		FORMATHIM!
								101
								10111111
								or a menon, contents, FIC.
		•	Lewis	Pictured Cliffs	Kirtland Fruitland	Ojo Alamo	200	
			3795'	3732'	3398' · · 3614'	3154'	MEAS, DEPTH	
					•		VERT. DEPTH	TOP

Form 1150.5 JJE 1901

Christy Serrano

(THIS SPACE FOR FEDERAL OR STATE OFFICE USE)

Approved By __/

Conditions of approval, if any:

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIGHWARE BOVES

es March 31 1763

KEAU OF EARLY MAINAGEMENT	Echan.
	
	5. Lease Designation

SUNDRY NOTICES AND REPORT	Lease Designation and Senal No. JIC 460										
Do not use this form for proposals to dnll or to deeper	Do not use this form for proposals to dnll or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT —" for such proposals.										
	Jicarilla Apache										
SUBMIT IN TRIPLICATE	7. If Unit or CA, Agreement Designation										
1 Type of Well X Gas Well Other:	1 Type of Well X Gas Well Other:										
2 Name of Operator Mallon Oil Company	8. Well Name and No. Jicarilla 460-16 No. 1										
3. Address and Telephone No. P.O. Box 3256, Carlsbad, NM 88220	(505) 885-4596	9. Wel API No 30-039-25760									
		10. Field and Pool, or Exploratory Area									
4 Location of Well (Footage, Sec., T., R., M., or Survey Description) 1850' FNL and 690' FWL (SW NW) Unit E Sec. 16, T30N-R03W	Ē	E. Blanco, Pictured Cliffs 11. County or Parish, State									
		Rio Arriba County, New Mexico									
12. CHECK APPROPRIATE BOX(S) TO INDI											
TYPE OF SUBMISSION	TYPE C	DF ACTION									
Notice of Intent	Abandonment	Change of Plans									
	Recompletion	New Construction									
X Subsequent Report	Plugging Back	Non-Routine Fracturing									
Final Abandonment Notice	Casing Repair Altering Casing	Water Shut-Off Conversion to Injection									
	X Other: Spud	Dispose Water									
		(Note: Peport results of multiple completion on West									
		Completion or Recompletion Report and Log form (
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, inc subsurface locations and measured and true vertical depths for all markers and zones pertined. Mallon Oil Company spud the above referenced x 24 lb/ft surface casing was set at 537.21 and company systems.	nt to this zone.)* I well on 2/22/98 at 2:30 pm. D	rilled 12-1/4" hole, 8-5/8"									
14. I hereby certify that the foregoing is true and correct Signed Chrusty Surrano	Title Production Secretar	yDate									

Title 18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, flictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Title

Lands and Mineral Resources

MAY

Date

7 1998

Form 3160-3

(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR

SUBMIT IN TRIPLICATE

(Other instructions on

FORM APPROVED

Other instruction

OMB NO. 1004-0136

		DEPA	RTMENT	OF THE IN	TERIOR		reverse side)		Expires February 28, 1995		
		BURI	EAU OF LAI	ND MANAGE	MENT			- 00	5. LEASE DESIGNATION AND SERIAL		
	APPLIC	ATION	FOR PE	RMIT TO DE	RILL OR D	EEPE	N SILUI	ú. Ú	JIC460		
1a. TYPE OF WORK	Drill	X		Deepen			HER ALI	 }U(!	6. IF INDIAN, ALLOTTEE OR TRIBE NA		
b. TYPE OF WELL Oil Well	Gas Well	X	Other	Doopon	Single	7 000 [Multiple Zone		7. UNIT AGREEMENT NAME N/A		
Oli Well	Gas Well		Outer		Siligle	ZONE [Muluple Zone	<u>Ш</u>			
2. NAME OF OPERAT	ток Mallon Oi	l Comr	oanv						8. FARM OR LEASE NAME, WELL NO Jicarilla 460-16 No. 1		
3. ADDRESS AND TE									9. API WELL NO.		
	P.O. Box	3256									
	Carlsbad,	NM 8	8220	(505) 885-	4596				10. FIELD AND POOL, OR WILDCAT		
4. LOCATION OF WE	LL (Report loc								E. Blanco, Pictured Cliffs		
At surface		185	0' FNL and	d 690' FWL	(SW NW)	Unit	E		11. SEC., T., R., M., OR BLK.		
		405	a. =		(0) 4 () 9 4 ()		_		AND SURVEY OR AREA		
At proposed prod. zone	е	185	0' FNL and	d 690' FWL	(SW NW)	Unit	E				
									Sec. 16, T30N-R03W		
14. DISTANCE IN MIL									12. COUNTY OR PARISH 13. STATE		
			Bloomfiel	d, New Mex				,	Rio Arriba NM		
15. DISTANCE FROM		•			16, NO. 0	OF ACRE	S IN LEASE	1	NO. OF ACRES ASSIGNED		
LOCATION TO NEAR				690'		100	9.99	101	HIS WELL 160		
PROPERTY OR LEAS				090		198	9.99		100		
(Also to nearest drlg. u 18. DISTANCE FROM		OCATIO	NI*		19. PROI	OSED C	COTU	20 5	ROTARY OR CABLE TOOLS		
TO NEAREST WELL,				3550'	13. FRO	OGLUL	CE III	20. 1	COTART OR CABLE TOOLS		
OR APPLIED FOR, ON			٥,	0000	1	45	500'		Rotary		
			CD Chr.)	7168'				Щ,	October 20, 1997		
21. ELEVATIONS (SHO 23.	OW WHETHE	K DF, R1,					ORK WILL START		October 20, 1997		
	00405	075.05				/IEIVIII					
SIZE OF HOLE 8-3/4"	GRADE,	SIZE OF	CASING	WEIGH	IT PER FOOT		SETTING DEPT	н	QUANTITY OF CEMENT		
				ļ	17# * 70		500'		Circ. to surface		
6-1/4"		4-1/2"		ļ- 	11.6#		4500'		365 sks		
					··						
Mallon Oil Company proposes to drill to a depth sufficient to test the Pictured Cliffs formation. If productive, 5-1/2" casing will be cemented at TD. If non-productive, the well will be plugged and abandoned in a manner consistent with Federal regulations. Specific programs as per on-shore Oil and Gas Order No. 1 are outlined in the following attachments: Drilling Program Exhibit 1: Blow Out Preventor Equipment/Plan Exhibit D: Drilling Site Layout											
	cation and				Exhibit		Production Fa				
	ads and F				Exhibit		H2S Continge				
	e Mile Ra				Exhibit		Environmenta				
									ed new productive zone. If proposal is		
to drill or deepen direct	tionally, give pe	rtinent da	ta on subsurfac	e locations and m	easured and tru	e vertical	depths. Give blowo	ut prev	enter program, if any.		
24.	J-1	\bigcirc	•			J 4! -	. 0				
SIGNED:	rry Linden	120			LE: Pro	auctio	n Superintend	ent	DATE10/16/9		
(This space for Federal											
PERMIT NO.							APPROVAL DA	ATE			
Application approval do	oes not warrant	or certify	that the applica	ant holds legal or s	equitable title to	hose rich	_		h would entitle the applicant to conduct		
enerations theree-	Hulldill	. or oarmy	a.a. a.c applice	noido legal of t	- Manazoro nuo (O	ooc rigi	io in the adoject leas	~ WITE	in modia ended the applicant to conduct		

Title 18 U.S.C. Section 1001, makes 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.

*See Instructions On Reverse Side

Jicarilla 460-16 SJ No. 4 SW/4 Section 16-30N-3W DISTRICT I P.O. Box 1980, Hobbs, N.M. 88241-1980

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised Febuary 21, 1994 Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT II P.O. Drawer DD, Artesia, N.M. 88211-0719

1000 Rio Brazos Rd., Aztec, N.M. 87410

API Number

DISTRICT IV PO Box 2088, Santa Fe, NM 87504-2088 OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, NM 87504-2088

MAMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT Pool Code Pool Name

97037 30-039-26238-00-00 CABRISTO CANYON TERTIARY ⁴Property Code Well Number Property Name COCRED No. 4. JICARILLA 460-16 SJ ⁸Operator Name ⁸ Elevation 7251' MALLON OIL CO. 13925

¹⁰ 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	16	30-N	3-W		771	SOUTH	1198	WEST	RIO ARRIBA	
¹¹ 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	
		i				!	0			
Dedicated Acre	s 18 Joint	or Infill 14	Consolidatio	n Code 150	rder No.			<u> </u>		
110										

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD LINIT HAS REEN APPROVED BY THE DIVISION

	ON A NON BIAN	DAIL LIND CHILL LIND	EEN ALLICOTED L	OF THE DIVIDION
				17 OPERATOR CERTIFICATION
				I hereby certify that the information contained herein is true and camplete to the best of my knowledge and bettef
	•			
			<u> </u>	VIII
				RAY
				Signature ROBERT BLAYLOCK
				Printed Name
				DISTRICT MANAGER
U.S.G.L.O. B.C.				Title 12/10/01
1917	1	6		Date
)		18 SURVEYOR CERTIFICATION
		·		I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me
2640.3'		•		or under my supervision, and that the stone is true and correct to the best of my super. A. RUS
26				Date of Survey 20
47° E				Date of Survey 20
				Date of Survey Signature and Soft o Proposition 48 in veyor
.90 .00				
1198'	EXISTING WELL			of Farisional arm
				J J STONAL TI
13				8894
FD. U.S.G.L.O. BC. 1917	S 89° 57′ 00″ E	5304.3'	FD. U.S.G.L.O. BC. 1917	Certificate Number

						٠								
For. 3160-4 *(July 1992)		DEP	ÜN PARTME	D ST	ATICO THE CHO	MEH	DEN	ITIAL	IIT IN DI	JPL E*		ORM APPR MB NO. 100		
		ы	JREAU O		1ANAGEM				on reverse			s: Februar		
10.	(FLL 004	ADL ETIC	NI OD I	COOM	N ETION	DEDO	7T AA	10.1.00	* 0 -		LEASE DESIG		IND SERIÁL NO.	
1a. TYPE OF WELL	ELL COM		OIL	GAS	LETION	REPU	KI AN	ID LUG	<u> 1503</u>	7777 6	IF INDIAN AL	Jic 460	R TRIBE NAME	
Ta. TIPE OF WELL	-		WELL [WEL	X D	RY 🗍	OTHER			15/15			he Tribe	
TYPE OF COMP	PLETION	•	-		LI	l	,		97.	$\frac{f_{1}}{f_{2}}$	ÚNÍT AGREE			
NEW	WORK		DEEP-	PL	.UG	DIFF				1000 C	<u> </u>	N/A		
METT X	OVER	<u> </u>	EN	L BA	ACK	RESVR	<u> </u>			8	FARM OR LE	ASE NAME	i, Well No.	
2. NAME OF OPERA	TOR										Jićarilla	a 460-16	6 SJ No. 4	
		Mal	lon Oil C	ompany	•					9	API WELL NO) .		
3. ADDRESS AND T	ELEPHONE N													
		P. 0	D. Box 2	797 Dur	ango, CC	81302		(970) 3	<u>82-91</u>		D. FIELD AND	,		
4. LOCATION OF W				•	n accordance	with any S	State req	uirements *,)	-			San Jose Ext	
At surface	771' FSL	and 119	8' FWL (sw sw) Unit M							, M., OR BL	OCK AND SURVE	Y
At top prod. inter		771	'ESL or	A 1108'	EMI (SM	V 6/VV I	Init M			C	R AREA	16 T30'	N-R03W	
At top prod. Intel	гуат геропест	below 111	rol ai	IU 1190	LAAF (OA	v Svv) c	JIHL IVI				Sec.	10, 130		
At total depth	771' FSL	and 119	8' FWL (sw sw) Unit M	14.	Permit	No. Da	ate Issue	ed 1	2. COUNTY OF	R PARISH	13. STATE	
							N/A	- :	V	I/A	Rio Arr	iba	NM	
15. DATE SPUDDED)		16. DATE 1	D REACHE	D 17. DA	ATE COM	(Ready	to Prod. 18	. ELEV	ATION (DF, RI	(B, RT, GR, E	19. ELEV. (CASINGHEAD	
10/20/99			10/2			11/9				7251'		725		
20. TOTAL DEPTH, I	MD & TVD		21. PL	UGBACK TE	D, MD & TVD		WULTIF	PLE COMP.		TERVALS RILLED BY	ROTAR)	TOOLS	CABLE TOOL	S
	2100			184	6'		N.A		_	 ▶	Y	es	N.A.	
24. PRODUCING INT	TERVAL (S),	OF THIS CO	MPLETION	- TOP, BOT	TOM, NAME	(MD AND	TVD*)			2:	5. WAS DIREC	TIONAL SI	JRVEY MADE	
1682-1682,	1656 16	62 1619	1644 C	abrosto	Canyon	San loc	o Evt					Yes		
26. TYPE ELECTRIC				abiesto	Carryon,	Sall Jus	C LX			i_	27. WAS WE)	
Exitsting (Ji												N.A.		
28.				CASI	NG RECO	ORD (R	Report	all string	gs set	in well)				
	SIZE/GRADE			T LB/FT	DEPTH S			E SIZE			CEMENTING R	ECORD	AMOUNT PULLE	D
8-	5/8"		•	24	2.	33	12	2-1/4"		20 sxs Cl				_
4-	1/2"		1	0.5	20	74	. 6	i-3/4"		sxs to sul				_
			<u>-</u>	-	·		<u> </u>			4 sxs to s				
29.			LIN	ER RECO	RD			1 1		30		IG RECO	RD	_
SIZE	T	OP (MD		BOTTO	M (MD)	SACKS CE	EMENT	SCREEN	(MD)	SIZE		SET (MD)	PACKER SET (ИC
N.A.						 				1.9	160	<u>4'</u>	N.A.	
31. PERFORATION I	RECORD		(Intens	al, size, and	numberl	J		32 A	CID S	HOT FRAC	TURE CEM	ENT SO	l UEEZE, ETC.	_
	32'-1692',	1656'-16						DEPTH IN					OF MATERIAL US	
100				(52 hole						'-1644'			gal 7-1/2% HCL	
				Jose Ex						-1692')		00 lbs 12/	•	
									ï					
33.*				PRO	ODUCTION	J		L						•••
DATE FIRST PRODU	CTION						ng, gas l	ift, pumping	- size a	nd type of pum	WELL STAT	(Producing	or Shut In)	
	9/99					Flowi			-	• • • • • • • • • • • • • • • • • • • •		Produ		
DATE OF TEST		IRS TESTE	5	CHOK	(E SIZE	PROD'N F	<u> </u>	OIL - BBL		GAS - MCF	WATER - 8		GAS-OIL RATIO	5
11/3/99	- 1	;	24		3/8"	TEST PER	RIOD	0	1	512	0	İ	N.A.	
						<u> </u>					<u></u>			
FLOW TBG PRESS	ICAS	ING PRESS	UKE	CALC	ULATED	OIL - B	3BL	GAS -	MCF :	WATER -	BBL IOILGR	AVITY - AP	LICORR.)	

150 0 0 512 0 N.A. 24-HOUR RATE (Sold, used for fuel, vented, etc.) 34. DISPOSITION OF GAS TEST WITNESSED BY Sold Mike Davis

35. LIST OF ATTACHMENTS

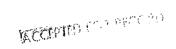
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

*(See Instructions and Spaces for Additional Data on Reverse Side)

the United States any false, fictitious or fraudulent statements

Production Secretary

(Christy Serrano)



			,	A SA	
	37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored-intervals, and all	rill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and		DESCRIPTION, CONTENTS, ETC.	
	nportant zones of	cushion used, tin		BOTTOM	
	IES: (Show all in	n interval tested,		TOP	
47 6.4	SUMMARY OF POROUS ZON	drill-stem tests, including depti	recovenes):	FORMATION	
	37.		Ş		

		ı			. %			**		٠									
		TRUE VERT DEPTH	. :			: .			·.	j.		, , , , , , , , , , , , , , , , , , ,	Î						
	40L	MEAS DEPTH	i co	1605	 :				,		;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;								
	NAME		-	San Jose					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1										
	DESCRIPTION, CONTENTS, ETC.							u* i				i .							
	воттом								· .		· · · · · · · · · · · · · · · · · · ·								
	TOP				 		-											•	
recovenes):	FORMATION								CC	ME	IDE	VIII	AL			. (l	, t.	i ·

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

C	 ab 31 1	002

SUNDRY NOTICES AND REPORT Do not use this form for proposals to drill or to deepen Use "APPLICATION FOR PERMIT" for	or reentry to a different reservoir.	5. Lease Designation and Serial No. Jic 460 6. If Indian, Allotte or Tribe Name Jicarilla Apache Tribe			
SUBMIT IN TRIPLICATE		7. If Unit or CA, Agreement Designation			
Type of Well Oil Well X Gas Well Other:		N/Å			
2. Name of Operator Mallon Oil Company		8. Well Name and No. Jicarilla 460-16 SJ No. 4			
3. Address and Telephone No. P.O. Box 2797 Durango, CO 81302	(970)382-9100	9. Well API No.			
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 771' FSL 1198 FWL (SW SW) Unit M Sec. 16, T30N-R03W		10. Field and Pool, or Exploratory Area Cabresto Canyon; San Jose Ext. 11. County or Parish, State Rio Arriba, New Mexico			
12 CHECK APPROPRIATE BOX(S) TO INC	DICATE NATURE OF NOTICE, REPOR	T, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OI	ACTION			
X Notice of Intent	Abandonment Recompletion	Change of Plans New Construction			
Subsequent Report	Plugging Back	Non-Routine Fracturing			
Final Abandonment Notice	Casing Repair Altering Casing X Other: Spud Sundry	Water Shut-Off Conversion to Injection Dispose Water			

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this zone.)*

Mallon Oil Company spud the above referenced well on 10-20-99. Drilled 12-1/4" hole, 8-5/8"x24 lb/ft surface casing was set at 233'. Cement with 120 sxs Class 3 cmt, 2% CaCl2, 1/4 lb sxs celloflake. Circ 12 sxs to pit.

14. I hereby certify that the foregoing is true and correct Signed Signe	,	Title	Production Clerk	Date 10 -6	27-99				
(INS SPACE FUR FEDERAL OR STATE OFFICE USE)									
Approved BConditions of approval, if any:		Title		<u> Date</u>					
· ·									
	···								
itle 18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictilitious or fraudulent statements or representations as									
iny matter within its jurisdiction.			·						

*See Instruction on Reverse Side

Form 3160 5 (nest 3th/n.)

UNITED STATES DEPARTMENT OF THE INTERIOR

Budget Bureau No.	1004	0135	

Budgel B	lweeu No.	1004	013

BUKEAU OF LAND MAI	NAGEMENT	Explos March 31, 1993
CUMPRY NOTICES AND DER	ODTO ON MELLO	5. Lease Designation and Serial No.
SUNDRY NOTICES AND REP	•	
Do not use this form for proposals to drill or to deep	•	6. If Indian, Allotte or Tribe Name
Use "APPLICATION FOR PERMIT -	-" for such proposals.	Jicarilla Apache Tribe
SUBMIT IN TRIPLICATE		7. If Unit or CA, Agreement Designation
1. Type of Well		N/A
Oil Well X Gas Well Other:		
2. Name of Operator		8. Well Name and No.
Mallon Oil Company		Jicarilla 460-16 SJ No. 4
3. Address and Telephone No.	·	9. Well API No.
P.O. Box 2797 Durango, CO 81302	(970)382-9100	·
		10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		Cabresto Canyon; San Jose Ext.
771' FSL 1198 FWL		11. County or Parish, State
Sec., 16-30N-R03W, Unit M		Rio Arriba, New Mexico
12. CHECK APPROPRIATE BOX(S) TO II	NDICATE NATURE OF NOTICE, REF	ORT, OR OTHER DATA
TYPE OF SUBMISSION	TYF	PE OF ACTION
(V)		
Notice of Intent	Abandonment	Change of Plans
	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
t	Casing Repair	Water Shut-Off
Final Abandanment Nation		
Final Abandonment Notice	Altering Casing	Conversion to Injection
	X Other: TD change	Dispose Water
		(Note: Report results of multiple completion on Well
	1	Completion or Recompletion Report and Log form)
Mallon Oil Company would like to request an a well. Mallon Oil Company would like to chang		above referenced
	•	
•		
14. I hereby certify that the foregoing is true and correct		
Signed Christus Issano	Title Production Clerk	Date 10-27-99
DIS SPACE FOR FEDERAL OR STATE OFFICE USE)		
,		
Approved B	Title	Date
Conditions of approval, if any:		
Time 18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make any departr	ment or agency of the United States any false, fictitious or	fraudulent statements or representations as
by matter within its jurisdiction.	ment of agency of the orned States any faise, ricitious of	Transduction statements or representations as

*See Instruction on Reverse Side

Form 3160-3							SUBMIT IN TRIPL	ICATE	FORM APPRI	OVED
(July 1992)		1 1		UNITE	D STATES		(Other instruction	ns on	OMB NO. 100-	1-0136
		·'', . 1 ·	DEPA		OF THE INTERI	OR	reverse side)		Expires February	28, 1995
			⊖.BUŔF	EAU OF LAN	D MANAGEMENT	•		į	5. LEASE DESIGNATION	AND SERIAL NO.
		APPI I			RMIT TO DRILL		N		JIC 460	
1a. TYPE OF WE	ORK			<u>स्र.</u>		· · · - · · · · · · · · · · · · · ·			6. IF INDIAN, ALLOTTEE Jicarilla Apache	OR TRIBE NAME
. 7/05 05 45	N. E	ΩCiAñii.cα	4 <u>-x</u>]		Deepen	J			7. UNIT AGREEMENT NA	NE
b. TYPE OF WE		0114		Other		Single Zone	Multiple Zone	<u> </u>	N/A	236
Oil Well		Gas Well	<u> </u>	Other		Single Zone	Mulupie Zorie	<u> </u>		4000
2. NAME OF OP		lallon Oil	Compa	any	13925	7.3			8. FARM OR LEASE NAM Jicarilla 460-16S	
3. ADDRESS AN				······································		1977		E 1	Q. API WELL'NO.	
		O. Box 2 urango,		302	(970) 382-9100		SEIN		30-03	9-262
4 LOCATION O					e with any State require		OCT 2 0 100	- H	Cabresto Canyon, Sa	
At surface					W/SW) Unit M		2 0 199	y	11. SEC., T., R., M., OR B	
	•				,		(7) (5) mm		AND SURVEY OR AREA	
At proposed prod	d. zone 7	71' FSL a	and 119	8' FWL (S	W/SW) Unit M	011	(9(6))(1)	TATA!		
					,		ENTERIOR ID	ZKIO	Sec. 16, T30N-R0)3W
14. DISTANCE I	N MILES	AND DIRECT	ION FROM	NEAREST TO	WN OR POST OFFICE	•	White B	/ * \=	12. COUNTY OR PARISH	
					New Mexico		•		Rio Arriba	NM
15. DISTANCE F						16. NO. OF ACRI	ES IN LEASE	17. NO.	OF ACRES ASSIGNED	
LOCATION TO N	NEAREST		11	198'		1		TO THIS	SWELL	110
PROPERTY OR	LEASE LI	NE, FT.				1,920		l	161 /	160
(Also to nearest of	drig, unit l	ine, if any)						l		
18. DISTANCE F	FROM PR	OPOSED LO	CATION*			19. PROPOSED	DEPTH	20. RO	TARY OR CABLE TOOLS	
TO NEAREST W	ÆLL, DRI	LLING, COMP	PLETED,		100']	1800'	1		
OR APPLIED FO	OR, ON TH	IIS LEASE, F	T.			l		l	Rotary	
21. ELEVATIONS	s (SHOW	WHETHER D	OF, RT, GR	Etc.)	7251' GR	22. APPROX.DATE	WORK WILL START		09/01/99	
23.					POSED CASING				·	
SIZE OF HOLE		GRADE	SIZE OF C		WEIGHT PE		SETTING DEPT	н	QUANTITY OF (CEMENT
12-1/4"		OTOADL	8-5/8"	3701110		4#	250 500		Circulate to surfa	
7-7/8"			4-1/2"				1800'			
7-110			4-1/2		14	.7#	1000		300 sks 50/50 Pc	JZ Wauuilive:
									ļ	
							<u> </u>			
Mallon Oil	Co. pr	oposes to	o drill th	is well to a	an approximate	TD of 1800'	in the San jose	forma	ation. This	
well is plac	ed on	an existii	ng well	pad. Som	e additional pa	d extension r	nay be required	l. The	Jicarilla oil	
and Gas A	dminis	tration ha	as waiv	ed any ne	cessity of re-ons	siting the wel	I pad as long as	any r	equired	
							iously submitted			
well APD.	if proc	luctive. 4	-1/2" ca	asina will b	e cemented at	TD. If non-p	roductive, the w	ell wi	ll be plugged	
and aband	oned i	n a manr	ner cons	sistent with	r Federal regula	ations. Spec	ific programs as	per o	n-shore Öil	
and Gas O	rder N	o. 1 are d	outlined	in the foli	owing attachme	ents:	, ,	•		
Drilling Pro	gram				•					
Exhibit 1:	Blow	Out Prev	ventor f	Equipment	/Plan	Exhibit D:	Drilling Site La	yout		
Exhibit A:	Loca	tion and	Elevation	on Plat		Exhibit E:	Production Fac	ilities		
Exhibit B:		is and Pi				Exhibit F:	H2S Continger	icy Pla	an	•
Exhibit C:		Mile Rad					Archaeology R		•	
IN ABOVE SPAC	CE DESCR	RIBE PROPO	SED PROC	GRAM: If propo	sal is to deepen, give da			-	roductive zone. If proposal i	s
· ·							oths. Give blowout prev			
24.	un ecuon	ally, give peru	None data o	in subsuitace io	Cadons and measured a	ilia di de Verdicar de	ouis. Give blowout prev	enter pro	grant, it any.	
	- ,		7()							
SIGNED:	T).				TITLE:	Operations	Superintendent		DATE	07/26/99
31314ED:	Lern	Lindem	an			Operations	<u>ouperintendent</u>			0172000
										
(This space for F	ederal or	State office us	se)							
(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		0.000	,							1.
PERMIT NO.							APPROVAL [DATE	10/19	<u> </u>
Application serve	oval does	not warrant o	r cartify the	the englished t	olds legal or equitable t	itle to those ciable i	n the subject leace which	h would s	entitle the applicant to condu	et • •
		Hujjajii U	. Jointy mai	, and applicable t	organoficial admirable (to allose rights i	2.3 040,001 10000 11110		are approxim to condu	· / /
operations there					1_4					//
CONDITIONS OF	F APPRO	VAL, IF ANY:	^	4 -	HOW	nc			,	//
			/)	Dear	12 A	DE 2	1 00		1	//
APPROVED BY	(1	au	<u>~,</u>	leru	K TITLE CKX	WILLO	DAT DAT	re		
	77				()		()			
_	1/				*See Instruction	nns On Revers	e Side			

itle 18 U.S.C. Section 1001, makes 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.

CONFIDENTIAL

NSL-4355(8

Jicarilla 460-16 No. 4 SW/4 Section 16-30N-3W

DISTRICT I P.O. Box 1980, Hobbs, N.M. 88241-1980

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised Febuary 21, 1994 Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT II Drawer DD, Artesia, N.M. 88211-0719

1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV PO Box 2088, Santa Fe, NM 87504-2088 OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe. NM 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT Pool Code 1 API Number 30-039-25785-00-00 97037 CABRISTO CANYON TERTIARY Property Code Well Number ⁶Property Name JICARILLA 460-16 4 OGRID No Operator Name • Elevation 13925 7251' MALLON OIL CO. ¹⁰ Surface Location UL or lot no. Section Township Lot Idn Feet from the North/South line East/West line Range Feet from the County 16 840 30-N 3-W SOUTH WEST RIO ARRIBA 1180 11 Bottom Hole Location If Different From Surface UL or lot no. Section Lot Idn North/South line Township Range Feet from the Feet from the East/West line County Dedicated Acres 13 Joint or Infill " Consolidation Code | 18 Order No. 60 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 18 U.S.G.L.O. B.C. 17 OPERATOR CERTIFICATION 1917 I hereby certify that the information contained herein is MEASURED true and complete to the best of my knowledge and bettef 2639.50 02'016" Signature ROBERT BLAYLOCK Printed Name g DISTRICT MANAGER Title Date U.S.G.L.O. B.C. 18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field noise of actual surveys made by m or under my supervision, and that the same is true and Date of Suryey 1180 POFESSIONAL Cartificate Number N 89° 58' 00" E (RECORD)

Form 3160-4 (July 1992)

FORM APPROVED

OMB NO. 1004-0137

	BUREAU C	F LAND MANA	GEMEN	T.		on reverse	side)			bruary 28, 1995
WELL COL	MPLETION OR I	DECOMPLET	TION D	EDOD	TAND	10G *			E DESIGNATION AND C460	SERIAL NO.
a. TYPE OF WELL	OIL	GAS	IONI	EFUR	IAND	200		6. IF IND	IAN, ALLOTTEE OR 1	
7	WELL	WEL 🛛 🖸	RY 🗌	OTHER				JI	CARILLA APA	CHE
b. TYPE OF COMPLETION								7. UNIT <i>I</i> N .	AGREEMENT NAME	
· ·	DRK DEEP- TER EN [PLUG BACK[DIFF RESVR	\Box					OR LEASE NAME, W	VELL NO.
2. NAME OF OPERATOR	<u> </u>							JI	CARILLA 460-	-16 NO. 4
	Mallon Oil C	ompany						9. API W		
3. ADDRESS AND TELEPHO					- "			30	0-039-25785	
	P.O. Box 32	66, Carlsbad,	NM 8	8220	(505)	<u>885-45</u>			O AND POOL, OR WI	
4. LOCATION OF WELL	'(Report location cle	•		-	-	-				, OJO ALAMO EXT
At surface	840' F	SL AND 118	O. PAAL	. (577	SW) U	NII M		11. SEC. OR AREA	, T., R., M., OR BLOC	CK AND SURVEY
At top prod, interval repo	orted below 840' F	SL AND 118	0' FWL	. (SW	SW) U	INIT M			EC. 16, T30N-	R03W
At total depth 840' FS	SL AND 1180° FWL	(SW SW) UNIT	M 14	, PERMIT		DATE ISSU N	JED /A		NTY OR PARISH O ARRIBA	13. STATE NM
15. DATE SPUDDED		REACHED 17. DA			Prod.) 1	8. ELEVA			GR, ET 19. ELEV. CAS	SINGHEAD
3/23/98 20. TOTAL DEPTH, MD & TV	3/31/9 O J21. PLUG	BACK TD, MD & T		2/98 FMULTIPL	E COMP.,	23. INT	7251' G ERVALS	<u> </u>	7252'	CABLE TOOLS
4070		4000	Н	YAAM WC	• `	DR	RILLED BY		VEC	
4070' 24. PRODUCING INTERVAL	(S) OF THIS COMPLET	4006'	A NAME (N/A	\/D*\			75 WAS	YES DIRECTIONAL SURV	N/A
	• • •	·	•	IND AND I	v O)					ET MADE
3247' - 3291' 26. TYPE ELECTRIC AND O	Cabresto Canyo	n, Ojo Alamo	EXI.		-				YES AS WELL CORED	
SDL/DSN, D									N/A	
046 140 0175/0546	- 1						rings set			I
CASING SIZE/GRADI	E WEIGHT L		SET (MD)		E SIZE -1/4"				NTING RECORD "B" CEMENT	AMOUNT PULLED
						CIRC	84 SXS	TO S	URFACE	
4-1/2"		B* 4049) '	7-7	7/8"		ACE	r, ciro	C 10 SXS TO	
29.	LIN	ER RECORD		L			30		TUBING RE	CORD
SIZE	TOP (MD	BOTTOM (MD)	SACKS	CEMENT •	SCREE	N (MD)	SIZE		DEPTH SET (MD)	PACKER SET (MD)
N/A			<u> </u>				2-3/8"		3121'	3122'
31, PERFORATION RECORD) (Interval,	size, and number)			32	A	CID, SHOT	, FRAC	TURE, CEMENT,	, SQUEEZE, ETC.
(w)	1005 470 1101				DEPTH IN	ITERVAL (MD)	АМ	OUNT AND KIND OF	MATERIAL USED
and -	JSPF, 176 HOL				324	47' - 32	91'		300 GALS 7-1. FRAC 45,000	/2% ACID LBS OF SAND
CABRESTO CA	NYON, CJO AL	AMO EXT.								
33.*		PRODUC			J					
DATE FIRST PRODUCTION	P	RODUCTION METH		ng, gas lift,	, pumping -	size and t	ype of pump)	WELL	STAT (Producing or SI	Shut In)
DATE OF TEST	HOURS TESTED	CHOKE SIZE	WING PROD'N I	FOR	OIL - BBL		GAS - MCF	WA	TER - BBL	GAS-OIL RATIO
4/10/98	24 HRS	3/8"	TEST PE		0	1	1618		53	N/A
	<u> </u>		>							
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - I	BBL	GAS I	- MCF	WATER	BBL	OIL GRAVITY - API (C	CORR.)
500	0	24-HOUR RATE	0		1	618	53		N/A	
34. DISPOSITION OF GAS SOLD	(Sold, used for	fuel, vented, etc.)			OR REC	ORD		TNESSEC	ANGEL	
ELIST OF ATTACHMENTS	··· -		KCC	EPTED T						
36. I hereby certify that the for	egoing and attached info	mation is complete	and correc	t as determ	nined from a	all available	e records			
SIGNED Chu	sty Serr	ano		Title:	Produc	tion Se	ecretary		DATE	4/30/98
	1	See Instruction	s and S	paces fo	r Additio	onal Dat	a on Reve	rse Sid	e)	

UNE 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Bureautio 1004-0135

Expires	Merch	31	1393	

5 Lease Designation and Serial No.

SUNDRY NOTICES AND REPORT	JIC460			
Do not use this form for proposals to drill or to deepen o	5 of Ingian, Allotte or Tripe hame			
Use "APPLICATION FOR PERMIT -" for	r such proposals.			
		Jicarilla Apache		
SUBMIT IN TRIPLICATE	7 if Unit or CA, Agreement Designation			
Type of Well Ou Well X Gas Well Other		N/A		
Name of Operator Mallon Oil Company		e Well Name and No Jicarilla 460-16 No. 4		
Andress and Teleconome No P.O. Box 3256, Carlsbad, NM 88220	(505) 885-4596	3 Weit API No 30-039-25785		
Locabon of Well (Footage, Sec., T. P., M., or Survey Description)		10 Field and Pool, or Exploratory Area E. Blanco, Pictured Cliffs		
840' FSL and 1180' FWL (SW SW) Unit M Sec. 16, T30N-R03W		11 County or Pansh, State		
		Rio Arriba County, New Mexico		
CHECK APPROPRIATE BOX(S) TO INDICA	ATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE	OF ACTION		
Notice of Intent	Abandonment	Change of Plans		
	Recompletion	New Construction		
X Subsequent Report	Plugging Back	Non-Routine Fracturing		
	Casing Repair	Water Shut-Off		
Final Abandonment Notice	Altering Casing	Conversion to Injection		
	X Other: Spud	Dispose Water		
		(Note: Report results of multiple completion on Well		
		Campletion or Recompletion Report and Log form)		
Mallon Oil Company spud the above referenced we x 25 lb/ft surface casing was set at 544' and cement sxs of cement to pit.	ell on 2/23/98 at 8:30 pm. Dr			
I hereby certify that the foregoing is true and correct.				

Title 18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, flottious or fraudulent statements or representations

as to any matter within its jurisdiction

THIS SPACE FOR FEDERAL

Approved By

Conditions of approval, if any.

Title

Lands and Mineral Resources

MAY

Date ___

7 1998



Form 3160-3								SUBACIT IN TRUPLICAT	Έ	FORM APPROVED
(July 1992)		D		ED STATES		von.		(Other instruction	s on	OM8 NO. 1004-0136
				OF THE IN				reverse side)		Expires February 28, 1995
	A DDL 10						EN			5. LEASE DESIGNATION AND SERIAL NO
	APPLIC	ATION	FOR PE	RMIT TO D	KILI	OR DEEP	EN			Jicarilla 460
ta. TYPE OF WORK b. TYPE OF WELL	Orill	\boxtimes		Deepen]				6. IF INDIAN, ALLOTTEE OR TRIBE NAME JICARIIIA APACHE 7. UNIT AGREEMENT NAME
Oil Well	Gas Well	X	Other			Single Zone		Multiple Zone		N/A
2 NAME OF OPERATO	or Mallon Oi	l Comp	any /_	3925						8. FARM OR LEASE NAME, WELL NO Jicarilla 460-16 No. 4 22/8
3. ADDRESS AND TEL										9. API WELL NO.
	O Box					_				30-039-25785
	arlsbad,			(505) 885						10. FIELD AND POOL, OR WILDCAT
4. LOCATION OF WEL	L (Report loc									E. Blanco, Pictured Cliffs 72
At surface		040	roc and	1 1180' FWL	- (3)	vv 3vv) Oni	(IVI			11 SEC., T., R., M., OR BLK. AND SURVEY OR AREA
At proposed prod. zone		840	FSL and	1180' FWL	. (SI	W SW) Uni	t M			AND SURVET UK AKEA
A proposed proc. Zune		• • •			- (-	,	•	/	V	Sec. 16, T30N-R3W
14. DISTANCE IN MILE 5				or rown or poeld, New Me					тр	12 COUNTY OR PARISH 13. STATE RIO Arriba NM
15. DISTANCE FROM		•				16. NO. OF ACI	RES IN	N LEASE	1	NO. OF ACRES ASSIGNED
LOCATION TO NEARE	-			1180'		}	40	00 001	TOT	THIS WELL
PROPERTY OR LEASE				1180		1	19	99.99'	İ	160
(Also to nearest drig. un 18. DISTANCE FROM I		OCATION	J•			19. PROPOSED	DEP	TH	20 5	ROTARY OR CABLE TOOLS
TO NEAREST WELL D				2400'		IS. FROF			20. 7	NOTANT OR CABLE TOOLS
OR APPLIED FOR, ON					_	,	4500	סי	1	Rotary
21. ELEVATIONS (SHO	W WHETHE	R DF, RT.	GR. Etc.)	2517724		22. APPROX DATI	E WOR	K WILL START	F	February 28, 1998
23			PR	OPOSED CAS	ING /	AND CEMENT	ING	PROGRAM		
SIZE OF HOLE	GRADE	SIZE OF	CASING	WEIG		R FOOT		SETTING DEPT	Н	QUANTITY OF CEMENT
12-1/4"		8-5/8"			24			500'		Circ. to surface
7-8/8"		5-1/2"			15.5	5#		4500'		570 sts Serrices
				<u></u>						
5-1/2" casing wi	II be cen Federal i	nented egulati	at TD. It	f non-produ	ctive	the well w	ill be	e plugged a	nd a	rmation: If productive,———— abandoned in a manner rder No. 1 are outlined
Drilling Program	1		- Eaulom	ient/Plan		Exhibit D:	Dri	illing Site La	avou	, deceiv
	ation and					Exhibit E:		oduction Fa		
	ids and f				•	Exhibit F:	H2	S Continge	ncy	Plan UN FEB 2 3 19
Exhibit C: One	e Mile Ra	idius M	ар			Exhibit G:		vironmenta		sessment
						Exhibit H:		chaeologica		
										of new production and the second was be-
to drill or deepen directi	onally, give p	ertinent dat	a on subsurf	ace locations and	measu	red and true verti	cal de	oths. Give blowo	ut prev	venter program, if any.
SIGNED: J	}	1		T	ITLE:	Product	tion	Superintend	dent	
	V Linder	nan						Caperintelit	- CIII	DATE 01/12/98
(This space for Federal	or State office	use)								
OFFICE TAKE		•								

*See Instructions On Reverse Side

Burne Lands and Mineral ResourcessATE

FEB 1 8 1998

Title 18 U.S.C. Section 1001, makes 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.

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct



operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

Joe Incardine

Jicarilla 459 SJ No. 8 NW/4 Section 17-30N-3W

DISTRICT I P.O. Box 1980, Hobbs, N.M. 88241-1980

Drawer DD, Artesia, N.M. 88211-0719

DISTRICT II

ст пі

12 Dedicated Acres

160

18 Joint or Infill

14 Consolidation Code

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised Febuary 21, 1994 Instructions on back

Submit to Appropriate District Office

OIL CONSERVATION DIVISION P.O. Box 2088

State Lease - 4 Copies Fee Lease - 3 Copies

Santa Fe, NM 87504-2088

16 Order No.

MENDED REPORT

DISTRICT IV PO Box 2088, Santa Fe, NM 87504-2088

1000 Rio Brazos Rd., Aztec, N.M. 87410

		W	ELL L	OCATIO	N AND .	ACREAGE DED	ICATION PI	LAT		
30-039-	-00-00	Pool Code Pool Name CABRISTO CANYON TERTIARY								
Property Code Property Name JICARILLA 459 SJ								• We	ell Number 8	
OGRID No	э.	Operator Name Elevation								
1392	5				MALLON (OIL CO.				7077'
					10 Surfa	ce Location				·
UL or lot no.	Section	Township	Range	Lot Idn	Feet from U	he North/South line	Feet from the	East/West	ine	County
D	17	30-N	3-W		286	NORTH	1173	WEST		RIO ARRIBA
			11 Bott	om Hole	Location	n If Different Fr	om Surface			
III. or lot no	Section	Township	Pance	Lot Ida	Fact from t	he North /South line	Fast from the	Fact /West	line	Country

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

U.S.G.L.O. 1917	S 89-58-39	E 5278.1*	FD. U.S.G.L.O. BC. 1917	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and beltef
				Uth/
5281.7'				Signature ROBERT BLAYLOCK Printed Name DISTRICT MANAGER Title
00-05-08 ₩	1	7		Date 18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plate to a shown for the plate to a shown on the plate to a shown and the plate to a shown and the major that the well location shown on this plate to a shown and the major that the plate to a shown and the major that the plate to a shown and the plate to a shown and the plate to a shown and the plate to a shown a sho
Z				or under my supervision that that the same is true and correct to the best of my Boiler. A. R. C. Date of Survey Signature and Sail of Professional Surveyor
				Rosessional views
FD. U.S.G.L.O. BC. 1917				Cartificate Number

Form	3160-4
(July	1992)

DEPARTME... OF THE INTE BUREAU OF LAND MANAGEMENT

41	N DUPL	E*	
(Sec	N DUPL.	-	

FORM APPROVED OMB NO. 1004-0137

	Expires:	February	28,	1995	
LEASE	DESIGN.	ATION AN	D S	SERIAL	N

WELL	COMPLETI	ON OR REC	COMPLET	ION R	EPORT A	AND LO	G *		D. LEAS	Jic 45	
TYPE OF WELL		OIL WELL	GAS WEL X	DRY		****			6. IF IN	DIAN, ALLOTTEE C Jicarilla Apac	
b. TYPE OF COMPLETI	ON VORK	DEEP-	PLUG		IFF				7. UNIT	AGREEMENT NAM	IE
MELL X	OVER	EN [BACK [R	ESVR				8. FARM	OR LEASE NAME	, WELL NO.
2. NAME OF OPERATOR										Jicarilla 459	SJ No. 8
	Ma	llon Oil Com	npany						9. API V	VELL NO.	
3. ADDRESS AND TELEP	PHONE NO.									30-039-2	6230
	P	O. Box 2797	7 Durango	, CO 8	1302	(970)	382-9	100	10. FIEL	D AND POOL, OR	WILDCAT
4. LOCATION OF WELL		oort location clear			th any State i	requirement	's *)		Cabr	esto Canyon;	San Jose Ext.
At surface 286'	FNL and 117	'3' FWL (NV	V NW) Uni	it D					11. SEC	C., T., R., M., OR BL	OCK AND SURVEY
At top prod. interval re	eported below 286	6' FNL and 1	1173' FWL	(NW I	NW) Unit	D			OR ARE	sec. 17, T30	N-R03W
At total depth 286'	FNL and 117	'3' FWL (NV	V NW) Uni	it D	14. Pern	nit No. V/A	Date Issu	ued N/A	:	INTY OR PARISH	.13. STATE . NM
15. DATE SPUDDED		16. DATE TO R	1			dy to Prod.	18. ELE		RKB, RT,	GR, E 19. ELEV.	
12/2/99 20. TOTAL DEPTH, MD &	7775	12/6/99			2/23/99	TIDLE AAI	UD 122 "	7077		707	
40. TOTAL DEPTH, MU &		Z1, PLUGE	BACK TO, MD 8	a IVU	22. IF MUL HOW M			ORILLED BY	1	ROTARY TOOLS	CABLE TOOLS
180	0'		1740'							Yes	N.A.
24. PRODUCING INTERV	AL (S), OF THIS C	OMPLETION - TO	DP, BOTTOM, N	NAME (M	D AND TVD*)			25. WA	S DIRECTIONAL SU	JRVEY MADE
1473'-1492', 15	500'-1516', 15	78'-1591'. 1	606'-1622	' Cabre	esto Can	von: Sar	Jose	Ext.		Yes	
26. TYPE ELECTRIC AND	OTHER LOGS RU	JN							27. V	VAS WELL COREC)
Tripple Litho-De	ensity Compe									No	
28.	+ j* ₃₋₁	*************************************	CASING R								· .
CASING SIZE/6		WEIGHT LE	B/FT DEF	225.5		12-1/4"		P OF CEMEN		NTING RECORD	AMOUNT PULLED
8-5/8				220.0	'	12-1/4		5 sxs to s			
4-1/2	· · · · · · · · · · · · · · · · · · ·	11.6		1790)	6-3/4"	cmt	275 sxs 5	:0:50 р	0Z	
		<u> </u>	.			· · · · · · · · · · · · · · · · · · ·	circ	50 sxs to	surfac		
29. . SIZE	TOD (MD		RECORD		CKC CEME	IT CODE	======================================	30	_η	TUBING RECO	
N.A.	TOP (MD		BOTTOM (MD)) SA	CKS CEME	VI SCRI	EEN (MD)	SIZE		DEPTH SET (MD)	PACKER SET (M
											
31. PERFORATION RECO	ORD	(Interval, si	ize, and number	r)		32	ACID,	SHOT, FRA	ACTUR	E, CEMENT, SQ	UEEZE, ETC.
1473'-149	92', 1500'-151			-1622'		DEPTH	INTERVA				OF MATERIAL USE
	2 JSPF	(128 holes)					8'-1622'		cidize 1800 gal 7	
(Cabresto Car	won: San Jo	se Evt				147	3'-1516'		cidize 2200 gal 7 ac 206 bbls gel; :	
	oublesto ou	iyon, oan oo	JOG LAL.							5,000 lbs 12/20 s	
										4,000 lbs 12/20 E	
33.*			PRODUC							· · · · · · · · · · · · · · · · · · ·	
DATE FIRST PRODUCTIO		۲	PRODUCTION	METHOD		as lift, pum _l	oing - size	and type of p	um WEL	STAT (Producing	
12/23/9 DATE OF TEST	HOURS TESTE	-D	CHOKE SIZE	= pi	Flowing ROD'N FOR	OIL - BI	BI	GAS - MCF	= \	ATER - BBL	GAS-OIL RATIC
			EST PERIOD	1	0	323	"	12	N.A.		
FLOW TBG PRESS	CASING PRES	SURE	CALCULATE	D .	OIL - BBL		AS - MCF	WATER		OIL GRAVITY - AF	
90		0	24-HOUR RA	→ ,	0	· <u> </u> :	323	1:	2	N.A.	
34. DISPOSITION OF GA	s Solo	(Sold, used for fo	uel, vented, etc	;) · ·					VITNESSI Angel	ED BY	
35. LIST OF ATTACHMEN	NTS										
											بينتني وتشني

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

Title 18 U.S.C. 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or representations as to any matter within its jurisdiction

Production Secretary

(Christy Serrano)

VERT DEPTH TRUE TOP 1455' MEAS. DEPTH GEOLOGIC MARKERS NAME San Jose 37. SUMMARY OF POROUS ZONES. (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 DESCRIPTION, CONTENTS, ETC. BOTTOM TOP FORMATION recoveries):

Form 3160-5 (JUNE 1990)

as to any matter within its jurisdiction

UNITED STATES CONFIDENTIAL DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Budget Bureau No	. 1004-013

5.	Lease Designation and Serial No.

DONE OF BE	ND SERORTO ON W	T1.0	5. Lease Designation and Serial No.
SUNDRY NOTICES A Do not use this form for proposals to drill Use "APPLICATION FOR		a different reservoir.	6. If Indian, Allotte or, Tribe Name Jicarilla Apache Tribe
SUBMIT IN TRIPL	ICATE		7. If Unit or CA, Agreement Designation
t. Type of Well Oil Well X Gas Well Other:		:	N/A
2. Name of Operator Mallon Oil Company			8. Well Name and No. Jicarilla 459-SJ No. 8
P.O. Box 2797 Durango, CO 813	302 .	(970)382-9100	9. Well API No. 30-039-26230
L. Location of Well (Footage, Sec., T., R., M., or Survey Description) 286 FNŁ 1173 FWL (NW NW) Unit D Sec. 17, T30N-R03W			10. Field and Pool, or Exploratory Area Cabresto Canyon; San Jose Ext. 11. County or Parish, State Rio Arriba, New Mexico
	((a) To (NIDIOATE NA	TURE OF NOTICE BE	DOOT OF STUFF DATA
2 CHECK APPROPRIATE BOX	(S) TO INDICATE NA		
TYPE OF SUBMISSION Notice of Intent		Abandonment Recompletion	PE OF ACTION Change of Plans New Construction
X Subsequent Report		Plugging Back Casing Repair	Non-Routine Fracturing Water Shut-Off
Final Abandonment Notice		X Other:Spud	Conversion to Injection Dispose Water [Note: Report results of multiple completion on Well
3. Ascribe Proposed or Completed Operations (Clearly state all pertinent details, and give subsurface locations and measured and true vertical depths for all markers.	and zones pertinent to this zone.	•	
Mallon Oil Company spud the above re Drilled 12-1/4" hole, 8-5/8" x 24 lb/ft sur cmt, circulated 5 sxs to surface.			- · · · · · · · · · · · · · · · · · · ·
	:		
		: :	
14. I hereby certify that the foregoing is true and correct			
Signed Chrusty Serrano	Title	Production Clerk	Date 13-16-90
(THIS SPACE FOR FEDERAL OR STATE OFFICE USE)			
Approved BConditions of approval, if any:	Title	16-10.5-	Date Date
•		•	

*See Instruction on Reverse Side

U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as

Form 3160-3					SUBMIT IN TRU	LICATE	FORM APPROVE	D
(July 1992)		UNITE	D STATES		(Other instruct		OMB NO. 1004-01	36
, , , , ,	DE		OF THE INTERI	OR	reverse side)		Expires February 28,	1995
•			D MANAGEMENT		,		5. LEASE DESIGNATION AND	
41.11			RMIT TO DRILL	OR DEEPE	N		JIC 459	
1a. TYPE OF WORK		k.1					6. IF INDIAN, ALLOTTEE OR	TRIBE NAME
	TA FUDING UNITEDIONE	,f 14	Deepen				Jicarilla Apache	
ь. TYPE OF WELL)Uuvu —		,				7. UNIT AGREEMENT NAME	<u> </u>
Oil Well	Gas Weil X	Other		Single Zone	Multiple Zone		N/A	2494
2. NAME OF OPERAT	00		-				8. FARM OR LEASE NAME, V	7 7 7
2. NAME OF OPERAT	Mallon Oil Com	nany	13925				Jicarilla 459SJ No.	
3. ADDRESS AND TE		parry	1010.0				9. APLWELL NO.	• / -
	P.O. Box 2797			اسط ک <i>س</i> را			30-039-	262
	D	1302	(970) 382-9100	n =	(C1511W	5 6	10. FIELD AND POOL, OR WI	
4. LOCATION OF WEI	L (Report location clearl	y and in accordan	e with any State requirer	nents.	The family to	enout	Cabresto Canyon, San J	ose ext.
At surface	286' FNL and 1	173' FWL (i	(970) 382-9100 se with any State requirer NW/NW) Unit D	- HH	70T :		11. SEC., T., R., M., OR BLK.	
				,	OCT - 1 199	19	AND SURVEY OR AREA	
At proposed prod. zone	286' FNL and 1	173' FWL (1	NW/NW) Unit D			7		
				007	(1000 D	لبطيت	Sec. 17, T30N-R03\	
4. DISTANCE IN MILI			OWN OR POST OFFICE	. WIL	CONO L	VU Wo		3. STATE
E DIGTALIGE FOR	51 miles east o	Rioomileld	, New Mexico		DIVER S	1.=	Rio Arriba	NM
5. DISTANCE FROM		286'		16. NO. OF ACRE	SHIN LEASE C	1	OF ACRES ASSIGNED	
OCATION TO NEARE PROPERTY OR LEASI		200		2,267		TO THIS	S WELL 160	
Also to nearest drig, u	•			2,207		1	100	
	PROPOSED LOCATION	j#		19. PROPOSED I)EDTU	30 PO	TARY OR CABLE TOOLS	
	DRILLING, COMPLETED		100'	is. PROPOSED I	1800'	20. KO	IANT ON CABLL TOOLS	
OR APPLIED FOR, ON		,	100			1	Rotary	
	OW WHETHER DF, RT,	GR Etc.)	7077' GR	22 APPROX DATE	WORK WILL START		09/01/99	
23.	STA MILETIER DI , ICI,		POSED CASING				00/01/00	
SIZE OF HOLE	GRADE, SIZE C		WEIGHT PE		SETTING DEF	PTH	QUANTITY OF CEM	IENT
12-1/4"	8-5/8		· · · · · · · · · · · · · · · · · · ·	4#	1/01/ 500		Circulate to surface	
7-7/8"	4-1/2			.7 #	1800		300 sks 50/50 Poz	w/additive
1-110	7-1/2	·	17	./#	1000	·	300 3K3 30/30 T 02	w/additive.
and Gas Admirarchaeology standarchaeology nistration has wa urvey is submitte oductive, 4-1/2" d in a manner co No. 1 are outlin m ow Out Prevento cation and Eleva oads and Pipelina he Mile Radius N scribe Proposed Pr	nived any ned. Environroasing will onsistent wited in the folder Equipmentation Plates lap	osal is to deepen, give da ocations and measured a	siting the well ent was prevented. If non-pations. Specents: Exhibit D: Exhibit E: Exhibit F: Exhibit G: ata on present production of the vertical department.	I pad as long a jously submitted roductive, the iffic programs and Drilling Site L. Production Fall H2S Continged Archaeology I suctive zone and propositis. Give blowout preserved in the proposition of t	as any red underwell will as per of ayout acilities ency Place Report sed new preventer pro	required er the initial II be plugged on-shore Oil an		
(This space for Federa	Try Lindeman	0	IIILE.	Operations	Superintender		DATE	07/26/99
PERMIT NO.					. APPROVAL	DATE		
Application approval doperations thereon. CONDITIONS OF APP	_	that the applicant	holds legal or equitable t	itle to those rights i	n the subject lease wh	ich would d	entitle the applicant to conduct	-
. //			*See Instruction					

Title 18 U.S.C. Section 1001, makes 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.

NSL-4355 @

CONFIDENTIAL

Jicarilla 459 No. 8 NW/4 Section 17-30N-3W

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 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

' A	Pl Numbe	r	1	¹ Pool Cod	c		¹ Pool N	ame .		·- ·
30-039	9-2430	5		96537			Ojo A	lamo		
⁴ Property C	ode				¹ Property	Name				Wail Number
20465		*:			Jicari	11a 459				8
OGRID N	io.				¹ Operator	Name				'Elevation
013925	5				Mallon	Oil Company	<i>'</i>		70)74' GL
			•		10 Surface	Location				
UL or lot no.	Section	Townshi	p Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West	line	County
С	17	300	03W	,	287	North	1072	West	5	Rio Arriba
			11 Bot	tom Hol	e Location I	f Different Fro	om Surface			-
UL or lot no.	Section	Townshi	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West	line	County
" Dedicated Acre	a '' Joint	or lafill	¹⁴ Consolidatio	a Code 14 (Order No.					
160	N	1	N/A		N/A					
NO ALLOW	ABLE \			-		ON UNTIL ALL EEN APPROVED			N CO	NSOLIDATED

1072' 1072'	17 OPERATOR CERTIFICATION I hereby cerafy that the information contained herein is true and complete to the best of my knowledge and belief
	Signature Theresa A. McAndrews Printed Name Office Manager Title 08/27/97
	18 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 of Survey Signature and Scal of Professional Surveyer:
	Certificate Number

SIGNER

09/24/97

DATE

Form 3160-4			$NIII_{\downarrow}$. $\supset IA$			SUBM	ALT IN DU	PLICATE		ORM APP	
(July 1992)	I		ENT OF TH				(See other	r instructions		MB NO. 10	
		BUREAU	OF LAND MA		Γ		on revers	· · · · · · · · · · · · · · · · · · ·		~	ary 28, 1995
\\/\=1	LCOMP	LETIONIC	AMENDEI OR RECOM		DEDOD	TAND	106 *		LEASE DESIGN	ia noita _i	ND SERIAL NO.
TYPE OF WELL		OIL	GAS	IFLETION	KLFOR	I AND	LOG		IF INDIAN, ALLO	OTTEE OF	R TRIBE NAME
TIPE OF WELL		WELL	WELL X	DRY	OTHER				Jicarilla A		THE NAME
b TYPE OF COM		2552	50.110	2155				7.	UNIT AGREEME N/A	ENT NAME	E
	WORK OVER X	DEEP- EN	PLUG BACK	DIFF RESVR	По	THER		8	FARM OR LEAS	SE NAME.	WELL NO.
									Jicarilla 45		
2. NAME OF OPER		ıllon Oil Co	omnany						API WELL NO.	19 140.	<u> </u>
3. ADDRESS AND			unipany						30-039-24	305	
3. ADDRESS AND			56, Carlsba	d. NM 882	20	(505) 8	385-45	96	D. FIELD AND PO		WILDCAT
4. LOCATION OF \									E. Blanco,		
			2' FWL (NE		-	·		1.			OCK AND SURVEY
			, N i						R AREA		
At top prod, inte	erval reported	below 28	37' FNL and	1072' FW	L (HE N	IW) Un	$\mathcal{Q}\mathscr{D}$ ti		0 47 7		.0144
	2071	4071	O! =\A#						Sec. 17, T		
At total depth		Land 1072 /) Unit C	ZTVVL	14.	PERMIT N	10. D	ATE ISSI N/A	JED 1:	2. COUNTY OR I Rio Arriba		13. STATE New Mexico
15 DATE SPUDDE	ED	16. DATE TO	REACHED 17.	DATE COMP	(Ready to	Prod.) 1	8. ELEV	ATION (DF, RK	B, RT, GR, ETC*)	19. ELE	V. CASINGHEAD
10/22/8		10/2			3/19/97			074' GL			7075'
20. TOTAL DEPTH	I, MD & TVD	21. PLUGI	BACK TD, MD &		MULTIPLE DW MANY*	COMP.,	1	TERVALS RILLED BY	ROTARY	TOOLS	CABLE TOOL
4075'			3300'		N/A			 ▶	Yes		No
24. PRODUCING I	NTERVAL (S), OF THIS CO	MPLETION - TO	P, BOTTOM, NA	AME (MD AI	ND TVD*)		2	5. WAS DIRECT	ONAL SU	JRVEY MADE
3124'-3	136' 313	Q'_3146' 3	3164'-3168'	3188'-320	M' 3211	'-322 C	Din Ala	ımo	No		
26. TYPE ELECTR				, 3100-320	74, 3211	-522	مرد مرد	1110	27. WAS WEL	L COREL	<u> </u>
		CR, CLL	•							No	
28.			CAS	SING RECO	ORD (R	eport a	ll string	gs set in w	ell)		
CASING SIZE		WEIGHT L	B/FT DEF	TH SET (MD)		E SIZE			CEMENTING RE	CORD	AMOUNT PULLE
8-5/8 4-1/2		24# 10.5		132' 4048' KB		2-1/4" -7/8"		50 sks Cla 00 sks Cla			N/A N/A
4-1/2		10.5	#	4040 ND	1:	-110	31	JU SKS CIA	55 D		IN/A
					 						
29.			LINER RECO	ORD				30.	TUBI	NG REC	ORD
SIZE	TOP (MD) E	BOTTOM (MD)		CEMENT *		N (MD)	SIZE	DEPTH SI		PACKER SET (
N/A	N/A		N/A	N/	/A	1	N/A	2-3/8"	3103	j'	3103'
24 DEDECRATION	N DECODE		·			ļ	ACID	CHOT ED	CTUBE CEN	AENIT C	OUEEZE ETO
31. PERFORATION	NRECORD	(Interval, si	ize, and number))		32.		ERVAL (MD)			QUEEZE, ETC.
3124'-3136	6'	12'	12 hole	s		<u> </u>	EF IT IN	ERVAL (WD)	AMOUNT	IND KIND	OF MATERIAL USE
3139'-3146		7'	7 holes			312	4'-322	2'	Frac 13,9) 900 lbs s	sand
3164'-3168		4'	4 holes			ļ					
3188'-3204		16'	16 hole			ļ					
3211'-3222	<u>2' </u>	11'	11 hole			<u> </u>		, a			
33.*			PF	RODUCTION							······································
DATE FIRST PROD 08/19		PR	RODUCTION ME Flow		ng, gas lift, p	numping - si	ize and ty	pe of pump)	i	S (Produc lucing	cing or Shut In)
DATE OF TEST	HOURS	TESTED	CHOKE SIZE	PROD'N FO	OR	OIL - BBL	_	GAS - MCF	WATER - E		GAS-OIL RATIO
				TEST PER	IOD						
08/16/9	·	24	3/4		—	0		900	0		N/A
FLOW TBG PRESS	CASING	PRESSURE	CALCULATED	OIL - 8	BBL I	GAS	- MCF	WATER -	BBL OIL GF	RAVITY - A	API (CORR.)
60		0	24-HOUR RAT	E 0		_ ₁ _0?9	00)	N/A	
34. DISPOSITION	OF GAS	(Sold, used for	fuel, vented, etc	 ;.)	ر <u>ن</u> ،	7.		TEST WI	TNESSED BY		
Sold				-6	<u> </u>				T. Lindem	an	
35. LIST OF ATTAC	CHMENTS			*CC							
N/A	\rightarrow		-								
36. I hereby certify	that the foreg	joing and attach	ned/information is	s complete and	correct as de	etermined fr	rom all av	allable records			

UNITED STATES

SUBMIT IN DUPLICATE.

(See other instructions on reverse side)

Form approved.	
Budget Bureau No.	1004-013
Expires August 31,	1985

(11010111111111111111111111111111111111	
(formerly	9-

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.

							O T COL T	Tra-	Contract 459
WELL COM	MPLETION	OR RECON	APLETION I	REPORT	AND LO	G *			THE OR TRIBE NAME
. TYPE OF WELL	L: 011. W.E.I.	L WELL D	DRY 🗆	Other			Jicari	11a A	Apache Tribe
. TYPE OF COMP		L C WEEL CO	2 PR4 C	Vicner		· 			•
NEW X	WORK DEE	r D Rick E	DIFF.	Other			S. PARM OR	LEASE N	AMB
NAME OF OPERATO								11a /	150
Robert	L. Bayles	ss					9. WELL NO.	.t + <u>.Q</u>	
ADDRESS OF UPER								8	
P.O. F	Box 168, Fa	rmington,	NM 87499				10. FIELD AN	D POOL,	OR WILDCAT
LOCATION OF WEL. At surface	•	n cicarly and in a & 1072' FW	ccordance with an	y State requi	rementa) *				Pictured Cl
At top prod. Inte	erval reported bel	ow same							
At total depth		same					Sectio	n 17,	, T30N, R3W
			14. PERMIT NO.	•	DATE ISSUED		12. COUNTY O	o n	13. STATE
							Rio Ar	riba	NM
DATE SPUDDED	16. DATE T.D. RI	EACHED 17. PATI	COMPL. (Ready t	o prod.) 18	. ELEVATIONS (DF, RKB,	RT, GR, ETC.)*	19. £1	LEV. CASINGHEAD
10/22/88	10/27/88	3	1/20/89	1 7	7074' GL	7086	6' RKB		
TOTAL DEPTH, MD 4	TVD 21. PLUC	, BACK T.D., MD 4	TVD 22. IF MUI	TIPLE COMPL.		ERVALS LLED BY	ROTARY TOO	LS	CABLE TOOLS
4075'		3949'	""" "			-> 1	0 - T	$_{\rm D}$	
PRODUCING INTER	VAL(S), OF THIS	COMPLETION - TOP	BOTTOM, NAME (MD AND TVD)				25.	WAS DIRECTIONAL SURVEY MADE
			·		,				
Pictured	Cliffs 36		•						No
	ND OTHER LOGS R						1	27. WA	S WELL CORED
IEL - CNL	- FDC - G	R - CLL							No
		CASI	NG RECORD (Res	ort all string					
CABING SIZE	WEIGHT, LB./	TT. DEPTH SE	r (MD) Ho	I.E SIZE	CE	MENTING	RECORD	I_	AMOUNT PULLED
8 5/8"	24.0#/f	t 132	' KB 12	2 1/4"	150 sx	(177	ft ³) Clas	s B v	1/3% CaCl ₂
4 1/2"	10.5#/f	t 4048	' KB	7 7/8"	300 sx	(618 :	ft ³) Clas	<u>s B</u>	1/2% Econoli
					1/4# f1	ocele	/sx; 175	<u>sx (2</u>	221 ft ³) 50/
	1		<u> </u>		pozmix t				& 1/4# floc
		LINER RECORD			30.		TUBING RECO		
		DINER RECORD				1	DEPTH SET (M	- \ I	
SIZE	TOP (MD)	воттом (мр)	SACES CEMENT	SCREEN (M				D) -	PACKER BET (MD)
SIZE			SACRS CEMENT*	SCREEN (M	1 1		3700		none
	TOP (MD)	воттом (мд)	SACKS CEMENT*		1 1	/2"	3700'		none
PERFORATION REC	TOP (MD) ORD (Interval, Ais w 3-1/8	BOTTOM (MD) re and number) gun - 2 JS		32.	ACID. SHOT	/2" -	3700 '	r sque	none
PERFORATION REC ic. Cliffs 3670-3682	ORD (Interval Airs W 3-1/8 2 - 25 hole	e and number) gun - 2 JS		32.	ACID. SHOT	/2" -	3700 TURE, CEMENT	r sque	none Eze, etc.
PERFORATION REC ic. Cliffs 3670-3682 3684-3690 3692-3700	ord (Interval, Air 3 - 1/8 2 - 25 hole 0 - 13 hole 0 - 17 hole	ee and number) gun - 2 JS	PF	32.	ACID. SHOT	72" - A3 500	3700 ' TURE, CEMENT HOUNT AND KIN gal. 75%	r sque	none EZE, ETC. ATERIAL USED HCL acid w/l
PERFORATION RECI ic. Cliffs 3670-3682 3684-3690 3692-3700 3702-3704	ORD (Interval, Air 3 W 3-1/8 2 - 25 hole 0 - 13 hole 0 - 17 hole 4 - 5 hole	e and number) gun - 2 JS es es es es es es es es es es es es es		32.	ACID. SHOT	72" - AN 500 1.1	3700 ' TURE, CEMEN' TOURT AND KIN gal. 7½% s.g. RCN	r sque	none EZE, ETC. ATERIAL USED HCL acid w/l l sealers;
PERFORATION REC ic. Cliffs 3670-3682 3684-3690 3692-3700 3702-3704 3707-3709	ORD (Interval, 1/1/2) S W 3-1/8 2 - 25 hole 0 - 13 hole 1 - 5 hole 0 - 5 hole	e and number) gun - 2 JS es es es es (.34" d	PF	32.	ACID. SHOT	72"	3700 TURE, CEMENT AND KIN gal. 7½% s.g. RCN 000 gal.	DI h	none EZE, ETC. ATERIAL USED HCL acid w/l l sealers; lality foam
PERFORATION REC ic. Cliffs 3670-3682 3684-3690 3692-3700 3702-3704 3707-3709 3718-3729	ORD (Interval, Air 3 W 3-1/8 2 - 25 hole 0 - 13 hole 0 - 17 hole 4 - 5 hole	e and number) gun - 2 JS es es es es (.34" d	PF iameter)	32. DEPTH IN:	ACID. SHOT	72" - 500 1.1 75,0 w/10	3700 ' TURE, CEMEN' 10UNT AND KIN gal. 7½% s.g. RCN 000 gal. 00,000# 2	DI I bal:	none EZE, ETC. ATERIAL USED HCL acid w/l L sealers; Lality foam sand
PERFORATION REC ic. Cliffs 3670-3682 3684-3690 3692-3700 3702-3704 3707-3709 3718-3729	TOP (MD) ORD (Interval, Ais 1/8	ec and number) gun - 2 JS es es es (.34" des	PF iameter)	32. DEPTH IN: 3670-	ACID, SHOTTERVAL (MD)	72" - AN 500 1.1 75,0 W/10 973	3700 ' FURE, CEMEN' 10UNT AND KIN gal. 7½% s.g. RCN 000 gal. 00,000# 2 ,400 SCF	DI h bal. 70 qu 0-40 nitro	none EZE, ETC. ATERIAL USED HCL acid w/l L sealers; Lality foam sand
PERFORATION RECIPION OF THE PROPERTY OF THE PR	TOP (MD) ORD (Interval, Ais 1/8	BOTTOM (MD) re and number) gun - 2 JS es es es es es es ction method (F	PF iameter)	32. DEPTH IN: 3670-	ACID, SHOTTERVAL (MD)	72" - AN 500 1.1 75,0 W/10 973	3700 ' FURE, CEMEN' 10UNT AND KIN gal. 7½% s.g. RCN 000 gal. 00,000# 2 ,400 SCF	DI h bal. 70 qu 0-40 nitro	none ATERIAL USED ACL acid w/l l sealers; lality foam sand ogen (Producing or
PERFORATION RECIC. Cliffs 3670-3682 3684-3690 3702-3704 3707-3709 3718-3729	TOP (MD) ORD (Interval, Ais 1/8	ec and number) gun - 2 JS es es es (.34" des	PF iameter)	32. DEPTH IN: 3670-	ACID, SHOTTERVAL (MD)	7. FRACT 500 1.1 75,0 W/10 973	3700 ' FURE, CEMEN' 10UNT AND KIN gal. 7½% s.g. RCN 000 gal. 00,000# 2 ,400 SCF	DI H bal. 70 qu 0-40 nitrostrin)	none EZE ETC. ATERIAL USED HCL acid w/l L sealers; Lality foam sand ogen
PERFORATION RECIPIES 3670-3682 3684-3690 3702-3704 3707-3709 3718-3729	ORD (Interval, Air 3 - 1/8 2 - 25 hole 0 - 13 hole 0 - 17 hole 0 - 5 hole 0 - 5 hole 0 - 23 hole 0 - 23 hole 0 - 23 hole	BOTTOM (MD) re and number) gun - 2 JS es es es (.34" des es ction method (F flowing choke size	PF iameter) PRO Towing, gas lift, p	32. DEPTH IN: 3670- DI'CTION umping—size	ACID. SHOTTERVAL (MD) -3729 and type of pu	72" - AN 500 1.1 75,0 W/10 973 mp)	3700 TURE, CEMENT 10UNT AND KIN gal. 7½% s.g. RCN 000 gal. 00,000# 2,400 SCF	DI H bal. 70 qu 0-40 nitrostrin)	none ATERIAL USED ACL acid w/l l sealers; lality foam sand ogen (Producing or
PERFORATION RECIPION (C) 11 fts 3670-3682 3684-3690 3702-3700 3702-3709 3718-3729 E FIRST PRODUCTION (C) 1/27/89 E OF TEST 1/27/89	ORD (Interval, Ais 3 w 3-1/8 c - 25 hole c - 17 hole c - 5 hole c - 5 hole c - 23 hole c - 23 hole c - 23 hole	ec and number) gun - 2 JS es es es (.34" d es es ction method (F flowing choke size 3/4" e CALCULATED	PF iameter) PRO lowing, gas lift, p PROD'N. FOR TEST PERIOD OILBBL.	32. DEPTH IN: 3670- DU'CTION umping—size	ACID. SHOTTERVAL (MD) -3729 and type of pu	72" - AN 500 1.1 75,0 W/10 973 mp)	3700 TURE, CEMENT 10UNT AND KIN gal. 7½% s.g. RCN 000 gal. 00,000# 2,400 SCF	DI I bal. 70 qu 0-40 nitro	none ATERIAL USED ACL acid w/l l sealers; lality foam sand ogen (Producing or
PERFORATION RECIPION CONTROL OF THE PRODUCTION O	ORD (Interval, Ais S W 3-1/8 2 - 25 hole 0 - 13 hole 0 - 17 hole 4 - 5 hole 0 - 5 hole 0 - 23 hole ON PRODU	BOTTOM (MD) re and number) gun - 2 JS es es (.34" des es crion method (F flowing choke size 3/4"	PF iameter) PRO lowing, gas lift, p PROD'N. FOR TEST PERIOD CHBBL.	3670- DUCTION umping—eize OIL—BBL. -0- GAS—	ACID. SHOTTERVAL (MD) -3729 and type of pu GAR-M 196	72"	3700 TURE, CEMENT 10UNT AND KIN gal. 7½% s.g. RCN 2000 gal. 00,000 # 2,400 SCF WELL WATER-BBL -0-	DI I bal. 70 qu 0-40 nitro	none EZE, ETC. ATERIAL USED HCL acid w/l L sealers; Lality foam sand ogen (Producing or LICING LASTOLL BATIO N/A AVITT-API (CORE.)
PERFORATION NECCIC. Cliffs 3670-3682 3684-3690 3692-3700 3702-3704 3707-3709 3718-3729 E FIRST PRODUCTION 1/27/89 E OF IRST 1/27/89 FOR TREST 1/27/89 FOR TREST 1/27/89	TOP (MD) ORD (Interval, Ais 3 W 3-1/8 2 - 25 hole 0 - 13 hole 1 - 5 hole 2 - 5 hole 0 - 23 hole ON PRODU	ec and number) gun - 2 JS es es es (.34" d es es ction method (F flowing choke size 3/4" e CALCULATED	PF iameter) PRO lowing, gas lift, p PROD'N. FOR TEST PERIOD OILBBL.	3670- DUCTION umping—eize OIL—BBL. -0- GAS—	ACID. SHOTTERVAL (MD) -3729 and type of pu	72"	3700 TURE, CEMENT 10UNT AND KIN gal. 7½% s.g. RCN 000 gal. 00,000# 2,400 SCF	P SQUE D OF M DI H bal 70 qu 0-40 nitre STATUS f-in) produ	none ATERIAL USED ACL acid w/l l sealers; lality foam sand ogen (Producing or licing ASS-OIL RATIO
PERFORATION RECO PIC. Cliffs 3670-3682 3684-3690 3692-3700 3702-3704 3707-3709 3718-3729 E FIRST PRODUCTO 1/27/89 E OF TEST 1/27/89 W. TUBING PRESS. 90 DISPOSITION OF GA	TOP (MD) ORD (Interval, Ais 3 W 3-1/8 2 - 25 hole 0 - 13 hole 1 - 5 hole 2 - 5 hole 0 - 23 hole ON PRODU	BOTTOM (MD) re and number) gun - 2 JS es es (.34" des es ction method (F flowing choke size 3/4" E CALCULATED 24-HOUR RATH	PF iameter) PRO lowing, gas lift, p PROD'N. FOR TEST PERIOD CHBBL.	3670- DUCTION umping—eize OIL—BBL. -0- GAS—	ACID. SHOTTERVAL (MD) -3729 and type of pu GAR-M 196	72"	3700 ' FURE, CEMEN' 10UNT AND KIN gal. 7½% s.g. RCN 000 gal. 00,000# 2 ,400 SCF WELL ### WATER—BBL -0-	DI H bal 70 qu 0-40 nitro	none EZE, ETC. ATERIAL USED HCL acid w/l l sealers; lality foam sand ogen (Producing or licing HAS-OIL HATIO N/A AVITT-API (CORE.)
PERFORATION RECEIC. Cliffs 3670-3682 3684-3690 3692-3700 3702-3704 3707-3709 3718-3729 E FIRST PRODUCTION 1/27/89 E OF IRST 1/27/89 W. TUBING PRESS.	ORD (Interval, Ais 3 - 1/8 2 - 25 hole 2 - 17 hole 3 - 5 hole 3 - 5 hole 4 - 5 hole 5 - 5 hole 5 - 23 hole 6 - 23 hole 6 - 23 hole 6 - 23 hole 6 - 23 hole 6 - 23 hole 6 - 23 hole 6 - 23 hole 7 hours Tested 7 hours Te	BOTTOM (MD) re and number) gun - 2 JS es es (.34" des es ction method (F flowing choke size 3/4" E CALCULATED 24-HOUR RATH	PF iameter) PRO lowing, gas lift, p PROD'N. FOR TEST PERIOD CHBBL.	3670- DUCTION umping—eize OIL—BBL. -0- GAS—	ACID. SHOTTERVAL (MD) -3729 and type of pu GAR-M 196	72"	3700 ' FURE, CEMEN' 10UNT AND KIN gal. 7½% s.g. RCN 000 gal. 00,000# 2 ,400 SCF WELL ### WATER—BBL -0-	P SQUE D OF M DI H bal 70 qu 0-40 nitre STATUS f-in) produ	none EZE, ETC. ATERIAL USED HCL acid w/l l sealers; lality foam sand ogen (Producing or licing HAS-OIL HATIO N/A AVITT-API (CORE.)

Kevin H. McCord

131.7 3343 water 3343 342 water 3402 water 3663 water, natural gas natural gas 1663 4075 natural gas 1663 4075 natural gas 1663 1663 4075 natural gas 1663 1663 1663 1663 1663 1663 1663 166							
3117 3343 water 3343 water 362 3663 water, natural gas 3663 4075 natural gas	FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		T	TOP
3343 3622 water 3623 3663 water, natural gas 3663 4075 natural gas	Ojo Alamo	3117	3343	water	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
3663 water, natural gas 3663 latural gas natural gas	Kirtland	3343	3622	water	Ojo Alamo	3117	same
3663 4075 natural gas	Fruitland Coal	3622	3663	natural	Kirtland	3343	same
	Pictured Cliffs	3663	4075		Fruitland Coal	3622	same
					Pictured Cliffs	3663	same
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Jicarilla 459 SJ No. 1 SE/4 Section 18-30N-3W

DISTRICT [P.O. Box 1980, Hobbs, N.M. 88241-1980

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised Febuary 21, 1994 Instructions on back

Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

P.O. Drawer DD, Artesia, N.M. 88211-0719 Rio Brazos Rd., Aztec, N.M. 87410

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, NM 87504-2088

1 AMENDED REPORT

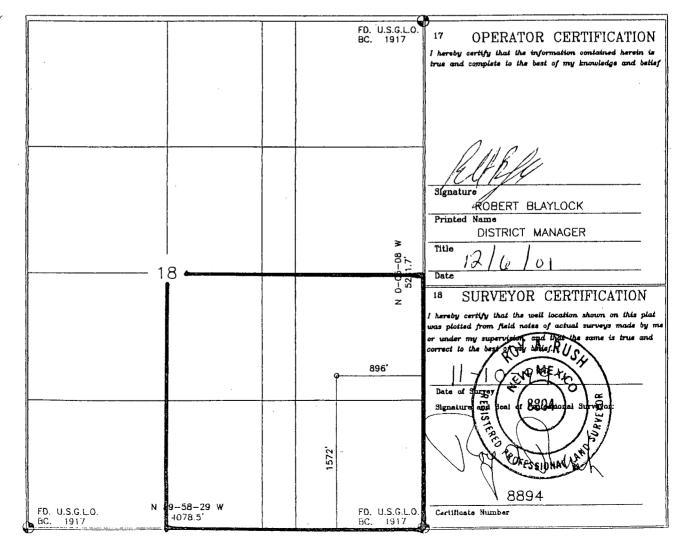
DISTRICT IV PO Box 2088, Santa Fe. NM 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	•	1	*Pool Code		•	*Pool Nam	6	
30-039-2624	1-00-00		97037		CABR	RISTO CANYO	N TERTIARY	
Property Code				Property	Name			Weil Number
24940				JICAF	RILLA 459 SJ			1
OGRID No.				*Operator	r Name			⁹ Elevation
13925				MALLON (OIL COMPANY			7085'
	· · · · · · · · · · · · · · · · · · ·			10 Surface	Location			
UL or lot no. Section	n Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
į.				1			,	1

RIO ARRIBA 18 30-N SOUTH **EAST** 3-W 896 1572 ¹¹ Bottom Hole Location If Different From Surface UL or lot no. Feet from the East/West line Lot Idu Feet from the North/South line Section Township Range County 13 Dedicated Acres 13 Joint or Infill 14 Consolidation Code 15 Order No. 160

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



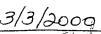
UNITED STATES Form 3160-4 FORM APPROVED SUBMIT IN DUPLICATE: **NT OF THE INTERIOR** DEPART OMB NO. 1004-0137 (July 1992) BUREAU OF LAND MANAGEMENT Expires: February 28, 1995 5. LEASE DESIGNATION AND SERIAL NO. WELL COMPLETION OR RECOMPLETION REPORT AND LOG Jic 459 6. IF INDIAN, ALLOTTEE OR TRIBE NAME TYPE OF WELL GAS WELL X Jicarilla Apache WELL DRY OTHER 7. UNIT AGREEMENT NAME TYPE OF COMPLETION NEW WORK PLUG DIFF DEEP-8. FARM OR LEASE NAME, WELL NO. **OVER** BACK RESVR Jicarilla 459 SJ No. 1 2. NAME OF OPERATOR Mallon Oil Company 9. API WELL NO. 30-039-26241 3. ADDRESS AND TELEPHONE NO. P. O. Box 2797 Durango, CO 81302 (970) 382-9100 10. FIELD AND POOL, OR WILDCAT Cabresto Canyon, San Jose 4. LOCATION OF WELL '(Report location clearly and in accordance with any State requirements *) 1572' FSL and 896' FEL (NE/SE), Unit I 11. SEC., T., R., M., OR BLOCK AND SURVEY At surface OR AREA 1572' FSL and 896' FEL (NE/SE), Unit I Sec. 18-T30N-R03W At top prod. interval reported below 1572' FSL and 896' FEL (NE/SE), Unit I 12. COUNTY OR PARISH 14. Permit No. 13. STATE At total depth Date Issued N/A N/A Rio Arriba NM 15. DATE SPUDDED 16. DATE TO REACHED 17. DATE COMP (Ready to Prod.) 18. ELEVATION (DF, RKB, RT, GR, ET 19. ELEV. CASINGHEAD 11/21/99 12/22/99 11/25/99 7082' 7083 TOTAL DEPTH, MD & TVD 21. PLUGBACK TO, MD & TVD 22. IF MULTIPLE COMP., 23. INTERVALS CABLE TOOLS HOW MANY DRILLED BY 1800' 1760' Yes 24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD*) 25. WAS DIRECTIONAL SURVEY MADE 1502'-1509', 1542'-1548', 1688'-1694', 1715'-1722' Cabresto Canyon, San Jose Yes 26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED DSN-SDL, DILT-SGRD No CASING RECORD (Report all strings set in well) TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLED CASING SIZE/GRADE WEIGHT LB/FT DEPTH SET (MD) HOLE SIZE 8-5/8 24# 237 12-1/4 cmt 120 sx Type 3 cmt circ 20 sxs to surface 4-1/2 cmt 300 sx Type 3 cmt 1776 6-3/4" 10-1/2# circ 45 sx to surface LINER RECORD TUBING RECORD 29. 30 PACKER SET(MD) SIZE BOTTOM (MD) SACKS CEMENT SCREEN (MD) SIZE DEPTH SET (MD) TOP (MD N.A 1.9 1517' 31. PERFORATION RECORD ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. (Interval, size, and number) DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 1502'-1509', 1542'-1548', 1688'-1694', 1715'-1722' 1502'-1722' 2000 gals 7-1/2" HCL 2 JSPF (52 holes) frac 231,000 SCF N2 Cabresto Canyon, San Jose 36,000# 12/20 Brady sand PRODUCTION 33 * DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) | WELL STAT (Producing or Shut In)

Flowing Producing 1/22/00 DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N FOR GAS - MCF WATER - BBL GAS-OIL RATIO OIL - BBL 30 12/30/99 24 3/8" TEST PERIOD 0 250 N/A FLOW TBG PRESS CASING PRESSURE CALCULATED OIL - BBL GAS - MCF WATER - BBL OIL GRAVITY - API (CORR.) 65 250 30 N/A 24-HOUR RATE 34. DISPOSITION OF GAS TEST WITNESSED BY (Sold, used for fuel, vented, etc.) M. Davis Sold

IST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

Wilkins) **Engineering Technician** SIGNED



FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	۵
					MEAS, DEPTH	TRUE VERT DEPTH
				L. San Jose	1491	
					-	
				. •		
. 1	:					
			•			

as to any matter within its jurisdiction.

UNITED STATES CONFIDENTIAL DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

BUREAU OF LAND MANAGEMENT

5. Lease Designation and Serial No.

Budgek Bureau No. 1004-0135

Expires March 31, 1993

ALMONY MOTIOTO AND DEDODTE ON WELL C

SUNDRY NOTICES AND REPORT	K 12 ON MELL2	1
Do not use this form for proposals to drill or to deeper Use "APPLICATION FOR PERMIT"	n or reentry to a different reservoir.	6. If Indian, Allotte or Tribe Name Jicarilla Apache Tribe
Type of Weil X Gas Weil Other:		7. If Unit or CA, Agreement Designation N/A
Oil Weil X Gas Weil Other: Name of Operator Mallon Oil Company		8. Well Name and No. Jicarilla 459 SJ No. 1
Address and Telephone No. P.O. Box 2797 Durango, CO 81302	(970)382-9100	9. Well API No. 30-039-26241
Location of Well (Footage, Sac., T., R., M., or Survey Description) 572' FSL and 896' FEL (NE SE) Unit I ec. 18, T30N-R03W		10. Field and Pool, or Exploratory Area Cabresto Canyon; San Jose Ext. 11. County or Parish, State Rio Arriba County, New Mexico
CHECK APPROPRIATE BOX(S) TO INC		
TYPE OF SUBMISSION	TYP	E OF ACTION
Notice of Intent X Subsequent Report	Abandonment Recompletion Plugging Back	Change of Plans New Construction Non-Routine Fracturing
Final Abandonment Notice	Casing Repair Altering Casing X Other: Spud Sundry	Water Shut-Off Conversion to Injection Dispose Water
	i coman opas caman,	(Note: Report results of multiple completion on West
Mallon Oil Company spud the above referenced Drilled 12-1/4" hole, 8-5/8" x 24 lb/ft surface casi Type 3 cmt, circulated 20 sxs to surface.		
		99 DEC -2 TOTA
. I hereby certify that the foregoing is true and correct		
gned Christy Serrans	Title <u>Production Clerk</u>	Date 12-1-99
pproved B	Title Petro E-	Date 10/02/09

*See Instruction on Reverse Side

U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as

FORM APPROVED UNITED STATES OMB NO. 1004-0136 (Other Instructions on DEPARTMENT OF THE INTERIOR Expires February 28, 1995 reverse side) BUREAU OF LAND MANAGEMENT 5. LEASE DESIGNATION AND SERIAL NO. APPLICATION FOR PERMIT TO DRILL OR DEEPEN TYPE OF WORK QUE 6. IF INDIAN, ALLOTTEE OR TRIBE NAME Drift Jicarilla Apache X Deepen . UNIT AGREEMENT NAME N/A Oil Well Single Zone Multiple Zone Gas Well 2. NAME OF OPERATOR 8. FARM OR LEASE NAME, WELL NO. Mallon Oil Company Jicarilla 459SJ No. 1 9. API WELL NO. 3. ADDRESS AND TELEPHONE NO. 30-039-2624 P.O. Box 2797 Durango, CO 81302 (970) 382-9100 10. FIELD AND POOL, OR WILDCAT 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) Cabresto Canyon, San Jose ext. 1748 FSL and 992 FEL (NE/SE) Unit I 11. SEC., T., R., M., OR BLK. At surface 1572 890 AND SURVEY OR AREA At proposed prod. zone 1748' FSL and 992' FEL (NE/SE) Unit I Sec. 18, T30N-R03W 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 12. COUNTY OR PARISH 13. STATE 50 miles east of Bloomfield, New Mexico Rio Arriba NM 15. DISTANCE FROM PROPOSED * 17. NO. OF ACRES ASSIGNED 16. NO. OF ACRES IN LEASE 3086' LOCATION TO NEAREST TO THIS WELL PROPERTY OR LEASE LINE FT. 2,267 165 (Also to nearest drlg. unit line, if any) 18. DISTANCE FROM PROPOSED LOCATIONS 19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS 100' 1800' TO NEAREST WELL, DRILLING, COMPLETED. OR APPLIED FOR, ON THIS LEASE, FT. Rolary 7082' GR 09/01/99 21. ELEVATIONS (SHOW WHETHER DF, RT, GR, Etc.) 22. APPROX.DATE WORK WILL START PROPOSED CASING AND CEMENTING PROGRAM 23 SIZE OF HOLE WEIGHT PER FOOT SETTING DEPTH GRADE, SIZE OF CASING QUANTITY OF CEMENT 12-1/4" 8-5/8" 24# 500' Circulate to surface 7-7/8" 4-1/2" 14.7# 300 sks 50/50 Poz w/additive: 1800' ion Oil Co. proposes to drill this well to an approximate TD of 1800' in the San lose formation. This well is placed on an existing well pad. Some additional pad extension may be required. The Jicarilla oil and Gas Administration has waived any necessity of re-onsiting the well pad as long as any required archaeology survey is submitted. Environmental assessment was previously submitted under the initial well APD. If productive, 4-1/2" casing will be cemented at TD. If non-productive, the well will be plugged and abandoned in a manner consistent with Federal regulations. Specific programs as per on-shore Oil and Gas Order No. 1 are outlined in the following attachments: Drilling Program Exhibit 1: Blow Out Preventor Equipment/Plan Exhibit D: **Drilling Site Layout** Exhibit A: Location and Elevation Plat Exhibit E: **Production Facilities** Exhibit B: Roads and Pipelines Exhibit F: **H2S Contingency Plan** One Mile Radius Map Exhibit C: Exhibit G: Archaeology Report IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any TITLE: Operations Superintendent 07/26/99 DATE Terry Lindeman (This space for Federal or State office use)

*See Instructions On Reverse Side

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct

PERMIT NO

CONDITIONS OF APPROVAL IF ANY:

8 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictillous or fraudulent statements or representations as to any matter within its jurisdiction.

APPROVAL DATE

Jicarilla 459 No. 1 SE/4 Section 18-30N-3W

DISTRICT I P.O. Box 1980, Hobbs, N.M. 88241-1980

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised Febuary 21, 1994

AMENDED REPORT

Instructions on back

Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

P.O. Drawer DD, Artesia, N.M. 88211-0719

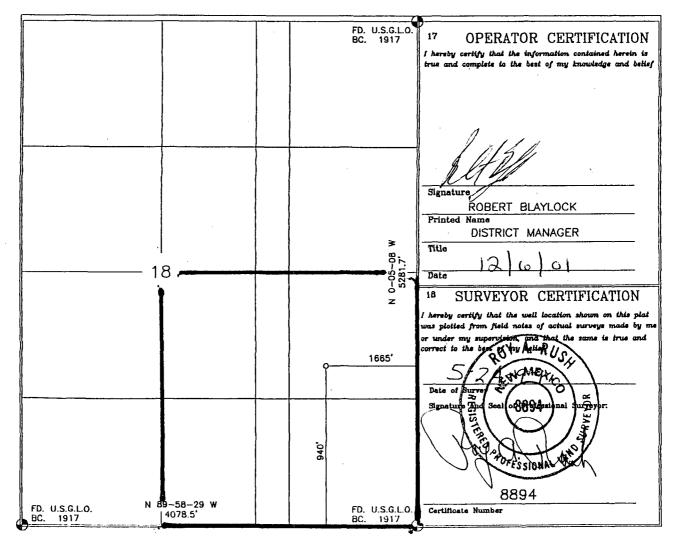
Rio Brazos Rd., Aztec, N.M. 87410 PO Box 2088, Santa Pe, NM 87504-2088 OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, NM 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code	Pool Name		
30-039-24087	0-039-24087-00-00 97037		CABRISTO CANYON TER	RTIARY	
Property Code			⁵ Property Name	Well Number	
20465			JICARILLA 459	1	
OGRID No.		Operator Name Elevation			
13925		M	ALLON OIL COMPANY	7085'	

Surface Location UL or lot no. Section Township Feet from the North/South line Range Lot Idn Feet from the East/West line County 18 30-N 1665 SOUTH 940 **EAST** RIO ARRIBA 11 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 18 Dedicated Acres 19 Joint or Infill ¹⁴ Consolidation Code 15 Order No. 160

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



CONFIDENTIAL

Form 3160-4 (July 1992)

UN. O STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

(See other instructions

FORM APPROVED OMB NO. 1004-0137 Expires: February 28, 1995

Linear Again Nobel 1889 1

										:5	5. LEA	SE DES	SIGNATIO	NA NC	D SERIAL NO)
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b TYPE OF COM	MPLETION		_		<u></u>						' UNI	T AGRE	EMENT	NAME	-	
NEW	WORK	DEEP-	PLUG		IFF						N/	· ·				
WELL	OVER X	EN	BACK	R	ESVR	0	THER			8	B. FAR	M OR L	EASE N	AME, V	WELL NO	
2 NAME OF OPE					*****						Jio	carilla	459 N	lo. 1		
3. ADDRESS ANI		allon Oil Co	mpany			· · · · · · · · · · · · · · · · · · ·						WELL !	NO. -24087	7		
J. ADDRESS AN		D. Box 325	6 Carls	had NN	A 8822	20	(505)	885	-4596	,			D POOL,		U DCAT	
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At surface		SL and 940				,		,		-					CK AND SUR	VEY
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At top prod. in	terval reported	t below								-	_					
	10051 5				_								, T30N			
At total depth	1665 F3 (NE/SE)	SL and 940 Unit I	. rer		14.	PERMIT N/A	NO.		ISSUE!			o Arri		SH 13	New Me	xico
15. DATE SPUDE	DED	16. DATE TO F		17. DATE		-	Prod.)	18. El	LEVATI		KB, RT	GR, E	TC*) 19.	ELEV	. CASINGHE	4D
N/A	H MD & TVD	N/		MO & TVO		I/21/97	COMP	123	. INTE	N/A		ROTA	RY TOOI	S	N/A CABLE	TOOLS
	, a 1 V U	21. 7.000				WOLTIFEE		23		ED BY	ļ					
N/A			3590'				1/A					N.	<u>/A</u>			N/A
24. PRODUCING	DUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD*)				-	25. W	AS DIRE	ECTIONA	L SUR	EVEY MADE						
313	6'-3194' (Ojo Alamo								İ		N.	/A			
26. TYPE ELECT			1					-			27.		WELL CO	DRED		
N/A		······································										N.	<u>/A</u>			
28.				CASING										;		
CASING SIZE	GRADE	WEIGHT LI	3VFT	DEPTH SE	: I (MD)	HOI	LE SIZE	\dashv	10001	CEMENT	CEM	NIING	RECOR	D	AMOUNT P	ULLED
Existing					 	 		\dashv								
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29.			LINER R		0.401/0./	051451F.	600	EEN (M	10)				JBING I			
N/A	TOP (MI	J	BOTTOM (MD) SACKS CEMENT* S		JORG	N/A	(D) SIZE 2-3/8"		-		32'	10)	PACKER 30	34'		
			1 1// (-	"	<u> </u>
31. PERFORATION	ON RECORD	(Interval, si	ze, and nu	mber)			32.	AC	CID, S	HOT, FR	ACT	JRE, C	EMEN	T, SQ	UEEZE, E	ΓC.
								DEPTH	1 INTER	RVAL (MD)		AMOU	NT AND	KIND	OF MATERIAL	USED
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33.* DATE FIRST PRO	DUCTON	loc loc	ODLICTIO	PRODU N METHOD	UCTION		oumning.	ci70 21	nd type	of auran	10//	ELL ST	THE (F	and of	ng or Shut In)	
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DATE OF TEST		S TESTED	CHOKE S		PROD'N F	OR	OIL - B	BL	G	AS - MCF	1_		R - BBL		GAS-OIL R	ATIO
				ļτ	TEST PER	doll										
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FLOW TBG PRES	SS CASIN	G PRESSURE	CALCUL	1	OIL - E	38L !	GA	S - MC	F I	WATER	- B8L	01	L GRAVI	TY - AI	PI (CORR.)	
400		0	24-HOUF	RAIE	0			1300	0		112		0			
34. DISPOSITIO	N OF GAS	(Sold, used for	fuel, vente	ed, etc.)			7005			TEST W	ITNES		′			
Sold		\bigcirc				D 10P J					Johr	iny Ar	ngel			
35. LIST OF ATT	ACHMENTS	X	_	_ &	CCEPTE	יי ע										
36. I hereby certif	y that the total	gaing and attack	hed informa	ation is com	plete and	correct as	determined	from a	all availa	bie records	 i		· · · · · · · · · · · · · · · · · · ·			
SIGNED .	()	De L	1//	اسر را	11	_				Analyst			DATE	1	2-15-97	
SIGNED 7	X15	per f	YIS										DATE		2-13-9/	
	/	1/ 3	TSee Inc	tructions	and Sn	aces for	Addition	nal D	ata or	Revers	e Sid	e١				

Title 18 U.S.C. 1001, makes 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

CONFIDENTIAI

UUNI IULIVIIAL

Form 3190-5

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM AF
Bustyar Bur was

	OVED
Busines Bureau Fan	1004-013

		Expres Nevan 31 (99)
4 SUNDRY NOTICES AND REPO	ORTS ON WELLS	5. Lease Designation and Senal No JIC459
Do not use this form for proposals to drill or to deepe		6, If Indian, Allotte or Tribe Name
Use "APPLICATION FOR PERMIT"	for such proposals.	Jicarilla Apache
SUBMIT IN TRIPLICATE		7. If Unit or CA. Agreement Designation
Type of Well		
Oil Well X Gas Well Other:		N/A
Name of Operator		8. Well Name and No.
Mallon Oil Company Address and Telephone No.		Jicarilla 459 No. 1
P.O. Box 3256, Carlsbad, NM 88220	(505) 885-4596	30-039-24087
		10. Field and Pool, or Exploratory Area
. Location of Wet (Footage, Sec., T., R., M., or Survey Description) 1665' FSL and 940' FEL (NE SE) Unit I		E. Blanco, Ojo Alamo 11. County or Pensh, State
Sec. 18, T30N-R3W		11. Goday or Parial, State
·		Rio Arriba County, New Mexico
2. CHECK APPROPRIATE BOX(S) TO IND	ICATE NATURE OF NOTICE, REP	ORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE	OF ACTION
Notice of Intent	Abandonment	Change of Plans
	X Recompletion	New Construction
X Subsequent Report	Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	Other:	Dispose Water
	_	(Note: Report results of multiple completion on VVet
	· · · · · · · · · · · · · · · · · · ·	Completion or Recompletion Report and Log form (
 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates. 	including estimated data of starting any proposed work.	If well is directionally drilled, give
subsurface locations and measured and true vertical depths for all markers and zones per		,
November 6, 1997, set CIBP at 3590' isolating Cliff perfs 3680'-3733'.	inert to this zone.)*	
November 6, 1997, set CIBP at 3590' isolating Cliff perfs 3680'-3733'. Perforate Ojo Alamo 3136'-3194' 4 JSPF, stim 1000 gls acid, Frac 52,800 lbs. sand, run 2-3/8 pkr, set pkr at 3034'. Initiate production throu	Pictured ulate " tbg and	
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November 6, 1997, set CIBP at 3590' isolating Cliff perfs 3680'-3733'. Perforate Ojo Alamo 3136'-3194' 4 JSPF, stim 1000 gls acid, Frac 52,800 lbs. sand, run 2-3/8 pkr, set pkr at 3034'. Initiate production throu tbg. A Indictor certify that thy forest logical and correct signed M. Say Davis Approved By Approved By	Pictured ulate " tbg and gh 2-3/8" TitleProduction A	Analyst Date <u>12-15-97</u>
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"See instruction on Reverse Side

Form 3160-4 (November 1983) (formerly 9-330)

UNI D STATES

SUBMIT IN DUPLICA.

(Secother Instructions on reverse side) 5. LEASE DESIGNATION AND SERIAL NO.

Form approved.	
Budget Bureau No.	1004-013
Expires August 31,	1985

DEPARTMENT	OF	THE	INTERIO	R
DUDEAU OF I	4 10	HANIAC	CMENT	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG* 1. TYPE OF WELL: OIL ORY OTHER 2. TYPE OF COMPLETION: OVER OVER OVER OVER OVER OVER OVER OVER	Jic. Apac	OTTHE OR TRIBE NAME	
WELL WELL DRY Other D. TYPE OF COMPLETION: NEW WORK DEEP DIFF. WELL X OVER EN DIFF. NAME OF OPERATOR Robert L. Bayless	Jic. Apac 7. UNIT AGREEME		
NEW WOLL WOLK DEEP BYCK BYCK DIFF. Other		NT NAME	
WELL X OVER SEN BACK RESVEL Other			
Robert L. Bayless	S. FARM OR LEASI	E NAME	
ADDRESS OF OPERATOR RECEIVED	459 9. WELL NO.		
· · · · · · · · · · · · · · · · · · ·	#1 10. FIELD AND PO	OL, OR WILDCAT	
LOCATION OF WELL (Report location clearly and in accordance with any State requirements).	Wildcat		
At surface 1665' FSL & 940' FEL	11. SEC., T., R., M., OR AREA	OR BLOCK AND SURVEY	
At top prod. Interval reported below BUREAU OF LAND MANAGEMENT	Sec. 18,	730N, R3W	
At total depth Same FARMINGTON RESOURCE AREA			
14. PERMIT NO. DATE ISSUED	12. COUNTY OR	13. STATE	
same	PARISH Rio Arriba	a NM	
DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF. RKB. R		ELEV. CASINGHEAD	
11/10/86 11/18/86 12/06/86 7098' RKB 7085' TOTAL DEPTH, MD & TVD 21, PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., 23. INTERVALS	GL ROTARY TOOLS	CABLE TOOLS	
HOW MANY DRILLED BY		10005	
PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD).	0 - TD	25. WAS DIRECTIONAL SURVEY MADE	
		SURVEI MADE	
PC: 3680 - 3733		No	
TYPE ELECTRIC AND OTHER LOGS RUN	27.	WAS WELL CORED	
IEL - GR - CDL - CNL CASING RECORD (Report all strings set in well)	1	No	
CASING SIZE WEIGHT, LB./FT. DEPTH SET (MD) HOLE SIZE CEMENTING	RECORD	AMOUNT PULLED	
7 5/8" 26.4# 140' RKB 9 7/8" 50sx(59ft ³)C1	ass"B" w/3%	CaCl ₂	
4 1/2" 11.6# 4049' RKB 6 3/4" 180sx(227ft ³)5		-	
LINER RECORD 30. T	UBING RECORD	<u> </u>	
	DEPTH SET (MD)	PACKER SET (MD)	
1 1/2"	3704' RKB	None	
		\ \ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	
PERFORATION RECORD (Interval, size and number) 32. ACID. SHOT. FRACT	· 		
Total 69 holes	OUNT AND KIND OF		
3704 - 3706 2 JSPF		HCL weighted a alers; 80,000	
• 34" , [uality foam w/90,000#		
3722 - 3733 20/4	0 sand.		
PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	Writ gran	US (Producing or	
	shut-in) SI	, o (1 , o a a o , o	
	WATER-BBL.	GAS-OIL BATIO	
ting on hookup flowing FOR TEST HOURS TESTED CHOKE SIZE PROD'N. FOR OIL—BBL. GAS—MCF.			
ting on hookup flowing	-0-	GRAVITY-API (CORR.)	
ting on hookup flowing FOR TEST HOURS TESTED CHOKE SIZE PROD'N. FOR OIL—BBL. GAS—MCF. 01/03/87 3 3/4 — O- 310 W. TUBING PRESS. CASING PRESSURE CALCULATED OIL—BBL. GAS—MCF. WATER—	HBL. 1 OIL		
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FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		Ĭ.	TOP
010		C L		NAME	MEAS, DEPTH	TRUE VERT, DEPTH
UJU ALAMU KIRTLAND FRUITLAND P.C.	3126 3353 3474 3677	3353 3474 3677 4060	water water water and natural gas natural gas	OJO ALAMO KIRTLAND FRUITLAND P.C.	3126 3353 3474 3677	
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				- + * * *		
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Jicarilla 459 SJ No. 2 NW/4 Section 20-30N-3W

DISTRICT | P.O. Box 1980, Nobbs, N.M. 88241-1980

State of New Mexico

Form C-102
Revised Febuary 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

Cerlificate Humber

DISTRICT II P.O. Drawer DD, Artesia, H.M. 88211-0719

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fa, NM 87504-2088

C AMENDED PRECET

DISTRICT III
1000 Rio Brozos Rd., Azieo, N.M. 87410

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1 API	Humber			Paul Cade			Pool Ham	d		
30-039-2	26232			96822	C	abresto Car	yon; San	Jose e	xt.	
Property Co	oda	· .			Property	Name			Well	Humber
24940					JICARILI	LA 459SJ			2	
TOCRID No.		41			Operator	Homo		· ·	Èle	vallon
013925			4		MALLON OIL	COMPANY			716	2'
					¹⁰ Surface	Location				í
IL or lot no.	Section	Township	Range	lol Idn	Peet from the	North/South line	Feel from the	East/West !	ine C	ounty
E	20	30-N	'3-W-		1648	NORTH	700	WEST	F	RIÓ ARŘIBA
			11 Boll	om Hole	Location	f Different Fro	om Surface	1		, ,
UL or lot no.	Section	Township	Rongo	Lot Idn	Feet from the	North/South line	Feet from the	East/West 1	ine C	ounty
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	}	,	·	FD. 1	NOUND OF STONES		17 C	PERATOR	CERT	IFICATIO
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	EXISTIN	IG WELL					Terry PHhied h Opera	Lindem		intend
700'		IG MEFF.					Terry Phhlad N Opera Tilla	Lindem tions S	uper	intend
		IG MEFF		20-			Terry PHhted h Opera Tile July Date	Lindem tions S	uper 19	· ·
700'		IG MEFF.		20 -			Terry PHhted h Opera Tile July Date	Lindem tions S	uper 19	· ·
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Form 3160-4 (July 1992)

DEPARTML OF THE I

FORM APPROVED OMB NO: 1004-0137

DATE 12-21-99

BUREAU OF LAND MANAGEMENT Expires: February 28, 1995 5. LEASE DESIGNATION AND SERIAL NO. WELL COMPLETION OR RECOMPLETION REPORT AND LOG * Jic 459 TYPE OF WELL 6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache Tribe WEL X WELL OTHER : UNIT AGREEMENT NAME TYPE OF COMPLETION WORK DIFF N/A NEW PLUG DEEP-8. FARM OR LEASE NAME, WELL NO RESVR WELL OVER ΕN BACK | X 2. NAME OF OPERATOR Jicarilla 459 SJ No. 2 Mallon Oil Company 9. API WELL NO. 3. ADDRESS AND TELEPHONE NO 30-039-26232 P. O. Box 2797 Durango, CO 81302 (970) 382-9100 10. FIELD AND POOL, OR WILDCAT 4. LOCATION OF WELL Cabresto Canyon; San Jose Ext. "(Report location clearly and in accordance with any State requirements *) 1648' FNL and 700' FWL (SW NW) Unit E 11. SEC., T., R., M., OR BLOCK AND SURVEY At surface OR AREA At top prod. interval reported below 1648' FNL and 700' FWL (SW NW) Unit E Sec. 20, T30N-R03W At total depth 1648' FNL and 700' FWL (SW NW) Unit E 14. Permit No. 12. COUNTY OR PARISH 13. STATE Date Issued Rio Arriba N/A NM: N/A 18. ELEVATION (DF, RKB, RT, GR, E 19. ELEV. CASINGHEAD 15. DATE SPUDDED 16. DATE TO REACHED 17. DATE COM (Ready to Prod. 11/13/99 11/17/1999 7163 12/14/99 7162 TOTAL DEPTH, MD & TVD 21. PLUGBACK TD, MD & TVD CABLE TOOLS 22. IF MULTIPLE COMP INTERVALS HOW MANY* DRILLED BY 2100' 2018 Yes N/A 24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD*) 25. WAS DIRECTIONAL SURVEY MADE 1549'-1565', 1581'-1592' Cabresto Canyon; San Jose Ext. Yes 26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED DIL, SDL/DSN N/A CASING RECORD (Report all strings set in well) 28. CASING SIZE/GRADE TOP OF CEMENT, CEMENTING RECORD WEIGHT LB/FT DEPTH SET (MD) HOLE SIZE AMOUNT PULLED 239 8-5/8" 24 12-1/4 cmt 120 sxs Type 3 cmt circ 32 sxs to surface 4-1/2' 11.6 2091 6-3/4" cmt 286 sxs Type 3 50:50 poz LINER RECORD TUBING RECORD SIZE TOP (MD BOTTOM (MD) SACKS CEMENT SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 1.9 1552.44 N.A. 31. PERFORATION RECORD ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC (Interval, size, and number) 1549'-1565', 1581'-1592' AMOUNT AND KIND OF MATERIAL USED DEPTH INTERVAL (MD) 2 JSPF (54 holes) 1549'-1565 acidize 2000 gal 7-1/2% acid frac 32,000 gals 75% N2 17,000 lbs 12/20 Brady Sand 25,000 lbs 12/20 Sand PRODUCTION DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pum WELL STAT (Producing or Shut In) Flowing 12/15/99 Producing DATE OF TEST HOURS TESTED CHOKE SIZE GAS-OIL RATIO PROD'N FOR GAS - MCF WATER - BBI OIL - BBL 12/9/99 24 3/8" TEST PERIOD 480 6 N.A. FLOW TBG PRESS CASING PRESSURE CALCULATED OIL - BBL GAS CMCF WATER - BBL OIL GRAVITY - API (CORR.) 480 140 0 0 N.A 24-HOUR RATE 34. DISPOSITION OF GAS TEST WITNESSED BY (Sold, used for fuel, vented, etc.) Sold J. Angel 35. LIST OF ATTACHMENTS hereby certify that the foregoing and attached information is complete and correct as determined from all available records

 $\bigwedge() \bigwedge \bigwedge ($ (Christy Serrano)

*(See Instructions and Spaces for Additional Data on Reverse Side)

Production Secretary

CONFIDENTIAL

drill-stem rests, including depth interval tested, cushion used, time tool open, flowing and shut-in) interval tested,	cusilion used, inn	e too open, nowing and studying a socies, and	()	
FORMATION	TOP	воттом	DESCRIPTION, CONTENTS, ETC.	NAME	TOP
					MEAS DEPTH VERT DEPTH
				San Jose	1535'
,				Nacimiento	
				Ojo Alamo	
				Kirtland	
	•			Pictured Cliffs	
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CONFIDE! "TAL

Furm 3160-5 (JUNE 1990) UNITED STATES
DEPARTMENT OF THE INTERIOR
RURFALLOF LAND MANAGEMENT

FORM	APPROVED

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ludget	Sureau	No.	1004-0	135

BUREAU OF LAND MANAGEMENT 5. Lease Designation and Serial No. SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. 6. If Indian, Allotte or Tribe Name Use "APPLICATION FOR PERMIT -- " for such proposals. Jicarilla Apache Tribe SUBMIT IN TRIPLICATE 7 If Unit or CA. Agreement Designation 1 Type of Well Oil Well X Gas Well 2. Name of Operator 8 Well Name and No. Mallon Oil Company Jicarilla 459 SJ No. 2 3. Address and Telephone No. 9 Well API No P.O. Box 2797 Durango, CO 81302 (970)382-9100 30-039-26232 10 Field and Pool or Exploratory Area 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Cabresto Canyon; San Jose Ext. 1648' FNL and 700' FWL (SW NW) Unit E 11. County or Parish, State Sec. 20, T30N-R03W Rio Arriba, New Mexico CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Change of Plans Abandonment Recompletion New Construction Non-Routine Fracturing Subsequent Report Plugging Back Casing Repair Water Shut-Off Final Abandonment Notice Altering Casing Conversion to Injection Other: Spud Sundry Dispose Water ribe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this zone.)* Mallon Oil Company spud the above referenced well on 11-13-99 at 4:00 pm. Drilled 12-1/4" hole, 8-5/8" x 24 lb/ft surface casing was set at 239'. Cemented 120 sxs Type 3 cmt, circulated 32 sxs to surface. 14. I hereby certify that the foregoing is true and correct Date 11-19-99 Signed Title Production Clerk THIS SPACE FOR FEDERAL OR STATE OFFICE USE Lands and Mineral Recources FEB 1 0 2000 Approved B Title Conditions of approval, if any

i U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as

CÓNFIDENTIAL

Form 3160-3	· .			SUBMIT IN TRIPLE	CATE	FORM APPROVE)
(July 1992)	UNITE	D STATES		(Other instruction	ns on	OMB NO. 1004-013	6
7my 1372)		OF THE INTERI	OR	reverse side)		Expires February 28,	1995
		ID MANAGEMENT				5. LEASE DESIGNATION AND	SERIAL NO.
00 117 27 1	· · · · · · · · · · · · · · · · · · ·		OR DEEPE	N		JIC 459	
						6. IF INDIAN, ALLOTTEE OR T	RIBE NAME
- 00115	CUBrill N. M. X	Deepen	1			Jicarilla Apache	
b. TYPE OF WELL	,					7. UNIT AGREEMENT NAME	- (0
Oil Well	Gas Well X Other		Single Zone	Multiple Zone		N/A	2499
2. NAME OF OPERATOR		13925		A E INA	1 5	8. FARM OR LEASE NAME, W	
	Mallon Oil Company	19100	1		10)	Jicarilla 459SJ No. 2	
3. ADDRESS AND TELE			iii —	m. 19 (1		9. API WELL NO. 30-039-0	1/22
	P.O. Box 2797	(070) 202 0400	. 44 - 00	T - 1 1000	101	30-037-0	7000
	Ourango, CO 81302	(970) 382-9100		.l - 1 1999	<u></u>	10. FIELD AND POOL, OR WIL Cabresto Canyon, San Jo	
4. LOCATION OF WELL	(Report location clearly and in accordance 648' FNL and 700' FWL (S	ce with any State required	O 21 -			11. SEC., T., R., M., OR BLK.	se ext.
At surface 1	040 FINE and 700 FVVE (S	DAALIANA) OBILE		COM PORT	7/7	AND SURVEY OR AREA	
At arounded aged 2242 1	648' FNL and 700' FWL (\$	SIAMANA Linit E		EOM. DI	₩o_	AND SURVET OR AREA	
At proposed prod. zone 1	040 FINE AND TOU FVVE (SAAVIAAA) OIIICE	Ĺ	DIGIL 3	<i>f</i> -	Sec. 20, T30N-R03V	v.
14 DISTANCE IN ARES	AND DIRECTION FROM NEAREST TO	MAN OF POST OFFICE			<u> </u>	12. COUNTY OR PARISH 1:	
	io miles east of Bloomfield					Rio Arriba	NM .
15. DISTANCE FROM PR		, ITOT WICKIGO	16. NO. OF ACRE	EQ IN LEASE	17 NO	OF ACRES ASSIGNED	
LOCATION TO NEAREST			10. 140. OF ACK	ES IM LEASE	TO THIS	*	
PROPERTY OR LEASE L			2,267			189/6	0
(Also to nearest drig, unit			2,207		1	160 16	
18. DISTANCE FROM PE			19. PROPOSED	DEDTU	20 80	TARY OR CABLE TOOLS	
TO NEAREST WELL, DR		100'	is. PROPOSED	1800'	20. 10	TAKT ON GADLE TOOLS	
OR APPLIED FOR, ON T	· ·	100		1000	Į.	Rotary	
		7162' GR	2 100004 0175		L	09/01/99	
23.	WHETHER OF, RT, GR, Etc.)	OPOSED CASING		WORK WILL START		03/01/33	
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PE		SETTING DEPT	Н	QUANTITY OF CEM	ENI
12-1/4"	8-5/8"		4#	160 500		Circulate to surface	
7-7/8"	4-1/2"	14	.7#	1800		300 sks 50/50 Poz v	w/additive:
Mallon Oil Co. pr	oposes to drill this well to	an approximate	TIT OF TROOP	in the San lose	form	ation This	
well is placed on	an existing well pad. Son	an approximate	1 D UI 10UU	m the San juse	The	dionilla oil	
	stration has waived any ne						
archaeology sun	vey is submitted. Environn	nental assessme	ent was nrevi	iously submitted	Lunde	r the initial	
well APD If prod	ductive, 4-1/2" casing will l	he cemented at	TD. If non-n	roductive the w	ell wi	ll be plugged	
and abandoned	in a manner consistent wit	h Federal regula	tions Spec	ific programs as	pero	n-shore Oil	
	lo. 1 are outlined in the fol			p. og. a.m. a.	, р		
Drilling Program		g					
	v Out Preventor Equipmen	t/Plan	Exhibit D:	Drilling Site La	vout		
	ation and Elevation Plat		Exhibit E:	Production Fac			
Exhibit B: Road	ds and Pipelines		Exhibit F:	H2S Continger	cv Pla	an	
	Mile Radius Map			Archaeology R			
	RIBE PROPOSED PROGRAM: If propo	nsal is to deenen inive de			•	roductive zone. If proposal is	
	• •			• •			
24.	nally, give pertinent data on subsurface k	cauons and measured a	ing sue verucal de	puls. Give blowout prev	enter pro	grant, it any.	
x							
SIGNED:		TITLE:	Operations	Superintendent		DATE	07/26/99
	y Lindeman		Operations	oupenmendent			01120133
	7 Ellidefilati	· · · · · · · · · · · · · · · · · · ·					
This space for Federal or	State office use)						
	Sales 511,55 4357						
PERMIT NO.				APPROVAL (DATE		
Annication approval door	not unconst as and if that the analysis	halde lagel or equitable t	itto to those rights i	a the cublest lease which	h would a	potitle the applicant to conduct	
replication approval does	s not warrant or certify that the applicant	• •	-	· ·			
CONDITIONS OF APPRO	WALLEANN: (-0	4 62 11	1 ^	- \ -	1	al to	
MULTIONS OF APPRO	YAL, IF ANT:		5 e	ر زر د	\ - \	1 A 1909	siff.
APPROVED BY	loan K. Kesnick	TITLE USS	t Fuld	Mar. DA	re	SEP 2 4 1909	
		*See Instruction					
,		ace manacin	OUT OU LIEVELS				

Title 18 U.S.C. Section 1001, makes 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.

NSL-4355 Q

CONFIDENTIAL

Jicarilla 459 No. 2 NW/4 Section 20-30N-3W

DISTRICT I P.O. Box 1980, Hobbs, N.M. 88241-1980

DISTRICT II P.O. Drawer DD, Artesia, N.M. 88211-0719

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised Febuary 21, 1994 Instructions on back

Cartificate Number

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, NM 87504-2088

AMENDED REPORT

1000 Rio Brazos Rd., Aztec, N.M. 87410 DISTRICT IV PO Box 2088, Santa Fe, NM 87504-2088

			WELL I		N AND A	CREAGE DED	ICATION PI	LAT		
	Number	00 00		Pool Code		,	*Pool Nam			
30-039-		-00-00)	97037			RISTO CANYO	N TEF		
Property C	ode ا				*Propert				. #	ell Number
OGRID No					JICARILLA				ļ	2
13925					*Operato					Elevation
13920					MALLON					7164'
UL or lot no.	Section	Township.	T 8	1 7 - 1 7 2 -	Duriace	Location North/South line	P. 1 4 1	East/We	-A 14	1
	20	Township	Range	Lot Idn	Feet from the	NORTH	Feet from the	WE:		County
E	20	30-N	3-W	ama IIala	l		l	WE	اد 	RIO ARRIBA
UL or lot no.	Section	Township	Range	om Hole	LOCATION Feet from the	If Different From North/South line	Feet from the	East/We	st line	County
		1				,		,		
18 Dedicated Acre	s ¹³ Joint	or Infill 14	Consolidatio	n Code 150	rder No.		<u> </u>	<u> </u>		1
160										
NO ALLOW	ABLE W					TON UNTIL ALL			EEN C	ONSOLIDATED
6		OR A N	NON-STA	ANDARD (UNIT HAS I	BEEN APPROVED	BY THE DIV	VISION		
				0						
U.S.G.L.O. BRASS CAP 1917	N 89-57-	-17 E 262	.8.7°	FD. MOUN w/ B.T.	IDS OF STONES		17 0	PERAT	OR CE	RTIFICATION
1917	1									contained herein is knowledge and belief
	1							•		,
.4'										
164		•								
26							,	1.	4	
	İ									N.
м 800,	Ì						1	1/1		·
	İ			1			Signature	OBERT	BLAYLOC	:K
N.00-05-21				1			Printed No	ame		
00	ł		•				Title	DISTRICT	MANAG	ER
2				1				12/6	101	
U.S.G.L.O.				20			Date	- 		
BRASS CAP 1917	1						18 SU	RVEYO	R CER	TIFICATION
								-		n shown on this plat il surveys made by m
•							or under my correct to the		44 . 23 . 4 . 4	he same is true and
	}			*		İ	9		0	521
]						8	714	MEK	
·· ·							Date of Sur Signature		Professional	O \ \
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	1									
U.S.G.L.O.								\ <u>88</u>	94	

FORM APPROVED ATES SUBMIT IN DUPLICATE* UNITEL OMB NO. 1004-0137 DEPARTMENT OF THE INTERIOR (See other instruction February 28, 1995 BUREAU OF LAND MANAGEMENT on reverse side) LL COMPLETION OR RECOMPLETION REPORT AND LOG * WELL WEL X WELL DRY TYPE OF COMPLETION N/A PLUG DIFF NEW WORK DEEP FARM OR LEASE BACK RESVR OTHER Recompletion WELL OVER EΝ Jicarilla 459 No. NAME OF OPERATOR Mallon Oil Company API WELL NO. 30-039-24157 ADDRESS AND TELEPHONE NO (505) 885-4596 10. FIELD AND POOL, OR WILDCAT P.O. Box 3256, Carlsbad, NM 88220 Cabresto Canyon, Ojo Alamo Ext. 4. LOCATION OF WELL '(Report location clearly and in accordance with any State requirements *) 1648' FWL and 800' FWL, (SW NW) Unit E 11. SEC., T., R., M., OR BLOCK AND SURVEY At surface Sec. 20, T30N-R03W 1648' FWL and 800' FWL, (SW NW) Unit E At too prod. interval reported below 14. PERMIT NO. DATE ISSUED 12. COUNTY OR PARISH 13. STATE At total depth NM N/A Rio Arriba N/A 18. ELEVATION (DF, RKB, RT, GR, ET 19. ELEV. CASINGHEAD 16. DATE TO REACHED 17. DATE COMP (Ready to Prod.) 15. DATE SPUDDED 7163' 1/28/98 47162' GL 11/3/87 11/10/87 ROTARY TOOLS TOTAL DEPTH, MD & TVD 21. PLUGBACK TD. MD & TVD |22. IF MULTIPLE COMP INTERVALS CABLE TOOLS HOW MANY* DRILLED BY 4150' 3650 N/A Yes 25. WAS DIRECTIONAL SURVEY MADE 24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD*) 3228'-3252' Cabresto Canyon, Ojo Alamo Ext. Nο 27. WAS WELL CORED TYPE ELECTRIC AND OTHER LOGS RUN No CASING RECORD (Report all strings set in well) 28 CASING SIZE/GRADE TOP OF CEMENT, CEMENTING RECORD WEIGHT LB/FT DEPTH SET (MD) HOLE SIZE AMOUNT PULLED sting LINER RECORD TUBING RECORD 30 BOTTOM (MD) SIZE TOP (MD SACKS CEMENT 1 SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 1.9 N/A 3095' 3096' 31. PERFORATION RECORD ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC (Interval, size, and number) 3228' - 3252' DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 3228'-3252' 1500 gal. 7-1/2 acid frac 31, 400 lbs. Sand CIBP 3085' Cabresto Canyon, Ojo Alamo Ext. 33.* PRODUCTION DATE FIRST PRODUCTION PRODUCTION METHO (Flowing, gas lift, pumping - size and type of pump) WELL STAT (Producing or Shut In) 01/27/98 Flowing producing DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N FOR OIL - BBI GAS - MCF WATER - BBL GAS-OIL RATIO 1/25/98 24 3/8" 1319 20 TEST PERIOD N/A FLOW TBG PRESS CASING PRESSURE CALCULATED OIL - BBL GAS - MCF WATER - BBL OIL GRAVITY - API (CORR.) 405 0 24-HOUR RATE 1319 20 NΑ 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY Sold Kisor 35. LIST OF ATTACHMENTS I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED **Production Secretary** DATE 6/22/99 Christy Serrano

UNITED STATES

Rio Arriba County, New Mexico

(JUNE 1990)	DEPARTMENT OF THE INTI	ERIOR	Budget Bureau No 1004-0135
	BUREAU OF LAND MANAGE	EMENT	Expires Merch 31, 1993
	SUNDRY NOTICES AND REPORTS	S ON WELLS	 Lease Designation and Senal No. JIC459
	Do not use this form for proposals to drill or to deepen or r Use "APPLICATION FOR PERMIT" for s	· · · · · · · · · · · · · · · · · · ·	6. If Indian, Allotte or Tribe Name
			Jicarilla Apache
	SUBMIT IN TRIPLICATE		7. If Unit or CA, Agreement Designation
1. Type of Well	DI Well X Gas Well Other:		N/A
2. Name of Operator	Mallon Oil Company		8. Well Name and No. Jicarilla 459 No. 2
3. Address and Telephor	ъ No. P.O. Box 3256, Carlsbad, NM 88220	(505) 885-4596	9. Well API No. 30-039-24157
4. Location of Well (Foo	tage, Sec., T., R., M., or Survey Description)		10. Field and Pool, or Exploratory Area E. Blanco, Pictured Cliffs
	1650' FNL and 790' FWL (SW NW) Unit E Sec. 20, T30N-R3W		11. County or Pansh, State

12.	CHECK APPROPRIATE BOX(S) TO INI	DICATE NATURE OF NOTICE, REPORT, OR OTHER DATA
	TYPE OF SUBMISSION	TYPE OF ACTION
	X Notice of Intent	Abandonment Change of Plans
		X Recompletion New Construction
	Subsequent Report	Plugging Back Non-Routine Fracturing
		Casing Repair Water Shut-Off
	Final Abandonment Notice	Altering Casing Conversion to Injection
		Other Dispose Water
		(Note: Report results of multiple completion on Well

Mallon Oil Company proposes to recomplete the above referenced well by setting a cast iron bridge pug above the Pictired Cliffs and perforating the Ojo Alamo formation. Exact perforation to be submitted on completion report.

14. Thereby certify that the foregoing is true and correct Signed Terry Lindeman	Title	Exploration/Production Superintendent	Date 02/04/98	_
(THIS SPACE FOR FEDERAL OR STATE OFFICE USE) Approved By Approved By	Title	Lands and Mineral Resources	FEB 2 3 1	 998
Conditions of approval, it any. CIBP MUST be placed between 36	43 to	3693 fa.f.		_
Title 18 U. S. C. Section 1001, makes it a crime for any person knowingly and withlifty to make any department			resentations	

RECEIVED MAR 2 0 179 Form 3160-4 Form approved. Budget Bureau No. 1004-0137 (November 1983) SUBMIT IN DUPLICAT UNI1_U STATES Expires August 31, 1985 (formerly 9-330) (Secother in-DEPARTMENT OF THE INTERIOR LEASK DESIGNATION AND SERIAL NO. BUREAU OF LAND MANAGEMENT Jicarilla Cont. #459 6. IF INDIAN, ALLOTTER OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORTHAND LOG * Jicarilla Apache Tribe In TYPE OF WELL: 7.77 10: WKLL WELL X PARMINGTON RESOURCE ARE FARMINGTON, NEW MEXICO T. UNIT AUREEMENT HAMB L TYPE OF COMPLETION: NEW WELL WORK BYCK [] SMAK SKASS BU MBA'S OVER 2. NAME OF OFERATOR Jicarilla 159 9 WELL NO. Robert L. Bayless 3. ADDRESS OF OPERATOR #2 10. FIELD AND POOL, OR WILDCAT P.O. Box 168, Farmington, NM 87499
4. LOCATION OF WELL IReport location clearly and in accordance with any State requirements)* Wildcat 11. M.C., T., R., M., OR BLOCK AND BURNEY OR AREA At surface 1650' FNL & 790' FWL At top prod. interval reported below same Sec. 20, T30N, R3W At total depth same 14. PERMIT NO. DATE ISSUED 12. COUNTY OR 13. STATE PARISH Rio Arriba New Mexico 16. DATE T.D. REACHED | 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF. RKB, RT. GR. ETC.) 19. ELEV. CASINGHEAD 15. DATE SPUDDED 7162' GL; 7174' KB 11/3/87 11/10/87 11/30/87 20. TOTAL DEPTH, MD A TVD 23. INTERVALS 21. PLUG. BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., ROTARY TOOLS CABLE TOOLS DRILLED BY 4098' KB 0 - TD24. PRODUCING INTERVAL(S). OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD) 25. WAS DIRECTIONAL SURVEY MADE No Pictured Cliffs 3743' - 3796' 26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED Induction, Density, Neutron, GR-CLL CASING RECORD (Report all strings set in well) CARING SIZE WRIGHT, LB./FT. DEPTH SET (MD) HOLE SIZE CEMENTING RECORD AMOUNT PULLED 7-5/8" 9-7/8" 60 sx, 71 ft. 3 Class B w/3% CaCl₂ 26.4#/ft. 145' KB 300 sx, 618 ft. 3 Class B 4-1/2" 4144' 11.6#/ft KB 6-3/4" w/2% D-79, 1/4# celoflake/sx: 150 sx 50/50 pozmix w/2%. gel, 10% salt, 1/4# flocele/sx 29 LINER RECORD 30. TUBING RECORD SIZE TOP (MD) BOTTOM (MD) SACKS CEMENTS SCREEN (MD) SIZE DEPTH SET (MD) PACKER BET (MD) 1-1/2' 3767' KB None 31. PERFORATION RECORD (Interval, size and number) ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Pic. Cliffs w/3-1/8" gun - 2 JSPF: DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL TRED 3743-3748 - 11 holes 3743-3796 750 gal. 7}% weighted HCL acid 3750-3754 - 9 holes (.34" diameter) w/111 1.1 s.g. RCN ball sealers; 3764-3772 - 17 holes 62,500 gal. 70 quality foam 3778-3796 - 37 holes w/85.000# 20-40 mesh sand; 33 • PRODUCTION 783,100 SCF nitrogen DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) WELL STATUS (Producing or shut-in)
Shut-in None Shut-in DATE OF THET HOURS TESTED CHOKE SIZE PROD'N. FOR OIL-BBL. GAS-MCV. WATER-BBL. GAB-OIL BATIO TEST PERIOD 3/4" 12/4/87 438 3 O FLOW, TUBING PRESS. CABING PRESSURE CALCULATED GAS-MCF. WATER--HBL OIL GRAVITY-API (CORR.) 24-HOUR BATE 588 3505 0 0 N/A 34. DIBPOSITION OF GAS (Sold, weed for fuel, vented, etc.) David Ball

DARY 12/9/87 TITLE Petroleum Engineer

oftached information is complete and correct as determined from all available recommington RESOURCE AREA

DEC 1 0 1987

Vented LIST OF ATTACHMENTS

SIGNED

36. I hereby certify that the

i 1	ı	1	i		:							
		TRUE VERT. DEPTH	3204	3432	í			•				
GEOLOGIC MARKERS	TOP	MEAS, DEPTH	3204	3432 3742					 ,			
38. GEOLC		NAKE	Ojo Alamo	Fruitland Pictured Cliffs							- 4	
	DESCRIPTION, CONTENTS, ETC.		water	natural gas								
ow all important rerval tested, cus	BOTTOM	3430	3742	4150								
OUS ZONES: (Sh cluding depth int	TOP	3204	3432	3742								
SUMMARY OF POROUS ZONES: (Show all important zones of porosity drill-stem, tests, including depth interval tested, cushion used, time recoverles):	FORMATION	Omela of O	Fruitland	Pictured Cliffs								

Jicarilla 459-20 SJ No. 12 SE/4 Section 20-30N-3W

DISTRICT I P.O. Box 1980, Hobbs, N.M. 88241-1980

DISTRICT II P.O. Drawer DD, Artesia, N.M. 88211-0719

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised Febuary 21, 1994 Instructions on back

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, NM 87504-2088

Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

Cartificate Number

MENDED REPORT

TRICT III 1000 Rio Brazos Rd., Aztec, N.M. 87410 DISTRICT IV PO Box 2088, Santa Fe, NM 87504-2088

,		M	VELL L	OCATIO	N AND AC	CREAGE DED	ICAT	'ION PI	ΔT		
1	Number			*Pool Code				Pool Nam	e		
30-039-		-00-00		97037		CABF	RISTO	CANYC	N TER		
Property 0					⁶ Property	Name				e A	ell Number
2286	, ,				JICARILLA	459-20 SJ					12A
OGRID N	`				Operator 5	Name		,		•	Elevation
1392	5				MALLON						7250'
	-				10 Surface	Location					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet	from the	East/Wes	it line	County
0	20	30-N	3-W		849	SOUTH		1888	EAS	T	RIO ARRIBA
			11 Botto	om Hole	Location	If Different Fr	om S	Surface		4	
UL or let no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet	from the	East/Wes	t line	County
				<u></u>	: 		<u> </u>				
* Dedicated Acre	s Joint	or infill 14 C	Consolidatio	n Code 150	rder No.						
160											
NO ALLOW	ABLE W					ON UNTIL ALL				EEN CO	ONSOLIDATEI
		OR A N	ON-STA	INDARD (JNIT HAS B	EEN APPROVED	BY _,	THE DIV	ISION		
						USCIA)			
,						U.S.G.L.0 BRASS (1917	CAP	17 0]	PERATO	R CEI	RTIFICATION
						,517					contained herein is knowledge and beli
									,		
								if	JAL	11.	
,								81			
								Signature			
								Ŕ	OBERT E	BLAYLOC	CK
								Printed Na	me DISTRICT	MANAGE	FD
	1						9.5	Title	13 IKICI	MANAGE	
				00			5279.		2/6	101	
				20-			> .	Date			
					•			18 SU	RVEYOR	CER'	TIFICATION
	E.						00-00-36				n shown on this pla il surveys made by
							9	or under my :	nya mananana	and Britis	te same is true and
							z	correct to they	best of my	MEL	4
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								Date of Sur		194	1 5
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				į	`.			\mathcal{L}	JAY.		
					. 649	U.S.G	.LO.		V		
		c	U.S.G.L.O. BRASS CAP		å	BRASS	CAP 1917	Cartificate	√ 889	14	

N 89-57-00 E 2634.5'

Form 3 v30-4 (July 1992)

UNIT VD STATES DEPARTMENT OF THE INTERIO BUREAU OF LAND MANAGEMENT

BMIT IN DL	ATE*	FORM APPROVED
(See other into	4P941	MBW4. 1004-0137
on reverse side	J/11 16	FORM APPROVED ONB NO. 1004-0137 Expres: Pebruary 28, 1995

<u>.</u>	/EL 001/101 EE		01.101.1				5.1.66		5.	LEASE D	ESIGNATION A	
· V	ELL COMPLETION	OIL OR REC	GAS	= HON R	EPORT	ANI) LOG	i *		IE INDIAN	Jic 459	
· ·		WELL	WELL)	ORY		THER			0.		arilla Apach	
b. TYPE OF COMP		لــــا		_	اسا		1111	···	7.		REEMENT NAM	
NEW	WORK	DEEP-	PLUG		DIFF -						N/A	
WELL X	OVER	EN	BACH	·	RESVR	ر و دلنج	442° 14		8.	FARM O	R LEASE NAME,	WELL NO.
2. NAME OF OPERAT				•	% ~-		· ·			Jicari	lla 459-20 S	SJ No. 12
	Ma	Ion Oil Com	pany					•	9.	API WEL	L NO.	
3. ADDRESS AND TE			_	00.0	1000		(0.70)	000 044	<u>.</u>			
		D. Box 2797						382-910			AND POOL, OR V	
4. LOCATION OF WE	ц <i>'(Rep</i> 349' FSL and 188	ort location clearly			any State r	equirer	ments *)					San Jose Ext
At surface &	149 FOL AND 100	O FEL (SVV	3L) 01	שווו						r area	., K., M., OR BLC	OCK AND SURVEY
At top prod. inten	ral reported below 849)' FSL and 18	888" FI	EL (SW S	SE) Unit	D					c 20, T30N	-R03W
At total depth					14. F	PERMIT		DATE ISSU		2. COUNT	Y OR PARISH	13. STATE
						N/A		N/		Rio A		NM
15. DATE SPUDDED	_	16. DATE TO REA		1			o Prod.)			3, RT, GR,	ET 19. ELEV.	
8/29/9 20. TOTAL DEPTH, N		9/4/9 121. PLUGBA			10/03/98		LE COMP	., [23. INT	7250'	RC	TARY TOOLS	251' CABLE TOOLS
•		2.1. 2002.	-			MANY			RILLED BY			
1950			186	D'						<u> </u>	Yes	"No
	ERVAL (S), OF THIS COM		•						25	5. WAS D	IRECTIONAL SU	RVEY MADE
	', 1076'-1090', 12 ', 1682'-1705', 17			68', 1637 esto Cany		n Jos	se Ext.				No	•
26. TYPE ELECTRIC	AND OTHER LOGS RUN			·	, , ,					27. WAS	S WELL CORED	
DIGL, SDL	-DOM		ASINO	RECOR	RD (Re	port	all stri	nas set	in well)	J	110	
CASING	SIZE/GRADE	WEIGHT LB/		DEPTH SET			E SIZE		OF CEMENT,	CEMENTI	ING RECORD	AMOUNT PULLED
8-5	/8"	24 lb		551	1'	12	2-1/4"		300 sxs, c	irc 93 s	exs to	
	/OII	76 6 TO		404			7/00	surfa		: 00 -	12	
5-1.	2"	15.5 lk	-	1944	+		′-7/8"	surfa	360 sxs, c	alc 93 s	ixs to	
29.		LINER F	RECORI)				Journa	30	T	UBING RECO	DRD :
SIZE	TOP (MD		воттом	(MD) S	ACKS CEN	MENT	SCRE	EN (MD)	SIZE	DE	PTH SET (MD)	PACKER SET (MI
. N/A	· · · · · · · · · · · · · · · · · · ·								2-3/8"	ļ	1111'	None
31. PERFORATION F	PECOPO	(Interval, size	and num	pher)			32	ACID S	HOT FRAC	TURE	CEMENT SO	! QUEEZE, ETC.
31. FERFORATION	RECORD	(IIII ei Vai, 312t	, and nun	iber/				NTERVAL				OF MATERIAL USED
	1059'-1790' 4	JSPF (380) Holes)		·		059'-17				s 7-1/2% HCL
										Frac	c 70,000 lbs 1	12-20 sand
	Cabresto Car	yon; San Jo	se ⊨xt.									
33.*			PRO	DUCTION								
DATE FIRST PRODU		P		ON METHOD	(Flowing	ı, gas li	ft, pumpin	ıg - size and	d type of pump)		TAT (Producing	g or Shut In)
DATE OF TEST			CHOKE	wing	PROD'N FO	\D	OIL - BBI		GAS - MCF		oducing ER - BBL	GAS-OIL RATIO
10/8/98	HOURS TESTE	24	CHOKE	0/0"	TEST PERI			1	595		10	N/A
10/0/30		24		-		OD		<u> </u>				1 4/7 (
FLOW TBG PRESS	CASING PRES	SURE	CALCU		OIL - BB	IL	GA.	S - MCF	WATER -	ввь С	OIL GRAVITY - AF	PI (CORR.)
175		0	24-HOU	R RATE	0			595	10		N/A	
34. DISPOSITION OF		(Sold, used for fue	l, vented,	ACCEPTS		ాజర్(OŚĎ		I	NESSED	вү end Key	
LIST OF ATTACH	Sold IMENTS			-046	:010?	18 man				(ayııı)	na ney	
<i>y</i> . ,				"YCCEL!								
36. I hereby certify the	at the foregoing and attach	ed information is co	mplete ar	d correct as o	determined	from al	l available	records				
SIGNED Ch	ristysono	mo	006	Ghristy S	Serrano)	۵L.	Pr	oductio	n Secreta	ry	DATE	1/13/99
					f	ر (الند	<u> </u>	IL AI	H/(I			

FORMATION .	1.01.	поттом	DESCRIPTION, CONTENTS, ETC.	Z	TOP	
				3	MEAS, DEPTH	VERT, DEPTH
				San Jose	1633 TD	
	,					
, 						
	•					
					,	
	-					
						•
				,		
		,				

CONFIDENT

Form 3150-6

Conditions of approval, if any:

as to any matter within its jurisdiction.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Bureau No. 1004-0135

'n	 	• •	

SUNDRY NOTICES AND REPORT	TS ON WELLS	5. Lease Designation and Serial No. JIC
Do not use this form for proposals to drill or to deepen o Use "APPLICATION FOR PERMIT" for	No. April 1	6. if Indian, Allotte or Tribe Name Jicarilla Apache Tribe
SUBMIT IN TRIPLICATE		7. If Unit or CA, Agreement Designation
Type of Well X Gas Well Other:		N/A
Name of Operator Mallon Oil Company		8. Well Name and No. Jicarilla 459-20 SJ No. 12
Address and Telephone No. P.O. Box 2797, Durango, CO 81302	(970) 382-9100	9. Well API No.
Location of Well (Footage, Sec., T., R., M., or Survey Description) 849' FSL and 1888' FEL (SW SE) Unit D Sec 20, T30N-R03W		10. Field and Pool, or Exploratory Area Cabresto Canyon, San Jose Ext. 11. County or Parish, State Rio Arriba County, New Mexico
CHECK APPROPRIATE BOX(S) TO INDI	CATE NATURE OF NOTICE, REPOR	T, OR OTHER DATA
TYPE OF SUBMISSION	TYPE O	FACTION
Notice of Intent Subsequent Report Final Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing X Other: Spud Notice	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
Mallon Oil Company spud the above referenced Drilled 12-1/4" hole, 8-5/8" x 24 lb/ft surface cas Cmt with 300 sxs, circ 93 sxs to pit.	d well on 8/29/98 at 2:30pm.	
I hereby certify that the foregoing is true and correct		·
igned Christy Serrano Christy Serrano J	Title Production Secretary	Date1/13/99
THIS SPACE FOR FEDERAL OR STATE OFFICE USE)	Lands and Mine	eral Resources

Title 18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, flictitious or fraudulent statements or representations as

Form 3160-3 (July 1992)

UNITED STATES DEPARTMENT OF THE INTERIOR SUBMIT IN TRIPLICATE

FORM APPROVED

(Other instructions on

OMB NO. 1004-0136 Expires February 28, 1995

				OF THE IN				everse side)		5. LEASE DESIGNATION A		
	A DDL (ND MANAGE		OR DEEP	ENI	00 7110	_'.	Jic 459	IND SERIAL NO	
TYPE OF WORK	APPLI	CATIO	TORFE	KWIII TO L	JUILL	ON DEEP	LIV			6. IF INDIAN, ALLOTTEE C	DR TRIBE NAME	
TIPE OF WORK	Drill			Deepen]		1 1 1 C	constant.	Jicarilla Apache	A TAIDE IVANIE	
TYPE OF WELL	_,				L	ı		1	المسافة بالمالي	7. UNIT AGREEMENT NAM	лE	
Oil Well	Gas Well	\square	Other			Single Zone		Multiple Zone		N/A		
NAME OF OPERATO	R					•	·			8. FARM OR LEASE NAME	WELL NO	
	Mallon Oil	Compa	iny							Jicarilla 459-20 No		
ADDRESS AND TELE	PHONE NO.									9. API WELL NO.		
	2.O. Box (.505) 005								
	Carlsbad,			(505) 885						10. FIELD AND POOL, OR		
OCATION OF WELL	. (Report locati			ce with any State 3 FEL (SW						Cabresto Canyon;		
unace		043 1	OL, 1000	31 LL (000	OL)	Orin O				AND SURVEY OR AREA	.r.	
proposed prod. zone		849' 1	FSL, 1888	BFEL (SW	SE)	Unit O				, , , , , , , , , , , , , , , , , , , ,		
			,	,	,					Sec. 20, T30N-R0	3W	
DISTANCE IN MILES						•				12. COUNTY OR PARISH		
		east of E	Bloomfield	l, New Mex	ico					Rio Arriba	NM	
DISTANCE FROM P						16. NO. OF AC				OF ACRES ASSIGNED		
CATION TO NEARES						1	226	57.0'	10 THE	s well 160'		
OPERTY OR LEASE so to nearest drlg, unit)				100		
DISTANCE FROM P		CATION*				19. PROPOSEI	DEPT		20, RO	TARY OR CABLE TOOLS		
NEAREST WELL, DE										Rotary		
APPLIED FOR, ON							1850)		·		
ELEVATIONS (SHO	W WHETHER	DF, RT, GR				22. APPROX.DATE WORK WILL START						
						AND CEMENTING PROGRAM						
ZE OF HOLE	GRADE	SIZE OF		WEI		R FOOT	SETTING DEPTH			QUANTITY OF CEMENT		
17-1/2"		13-3/	8'' J-55	ļ	48	#		550'		circ to surface		
440				<u> </u>								
11"				<u> </u>								
				1								
rilling Program xhibit 1: Blov xhibit A: Loc xhibit B: Roa xhibit C: One	ole complement of the compleme	eted. If egulation ints: This eventor Elevation ipelines dius Mai osed proof tinent data of the control of the	non-prodons. Speci s borehol Equipmen on Plat o GRAM: If prop	luctive, the fic program e is on an e	well vans as existing as a sured a	will be plugger on-shoring pad and Exhibit D: Exhibit E: Exhibit F: Exhibit G: ata on present pro	ged a e Oil the so Dril Pro H20 Env eductive	nd abando and Gas C urface use ling Site La duction Fa S Continge vironmenta zone and propos Give blowout pre	ned in order N plan is ayout cilities ncy Pla I Assessed new p	a manner io. 1 are outlined already implemen an ssment roductive zone. If proposal is		
his space for Federal c	or State office (use)						APPROVAL	DATE			
oplication approval documentations thereon. ONDITIONS OF APPROVED BY		0.~	t the applicant	holds legal or ec	quitable I	title to those rights	s in the s	subject lease where e_{xist}	ich would	entitle the applicant to conduct with Form.	ct	

Itle 18 U.S.C. Section 1001, makes 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.

*See Instructions On Reverse Side

Jicarilla 459-20 No. 12 SE/4 Section 20-30N-3W

DISTRICT I P.O. Box 1980, Hobbs, N.M. 88241-1980 State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102 Revised Febuary 21, 1994 Instructions on back

Submit to Appropriate District Office
State Leage - 4 Copies

State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

DISTRICT II P.O. Drawer DD, Artesia, N.M. 88211-0719 TRICT III 00 Rto Brazos Rd., Aztec, N.M. 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87504-2088

DISTRICT IV PO Box 2088, Santa Fe, NM 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		*Pool Code	*Pool N	³ Pool Name			
30-039-25855-	-00-00	97037	CABRISTO CAN	NYON TERTIARY			
⁴ Property Code		⁵ Property	• Well Number				
22862		JICARILLA	459-20	12			
OGRID No.		Operator •	r Name	* Elevation			
13925		MALLON	7252'				

¹⁰ Surface Location Feet from the UL or lot no. North/South line Section Range Lot Idn East/West line Township Feet from the County 0 20 790 RIO ARRIBA SOUTH **EAST** 30-N 3-W 1845 11 Bottom Hole Location If Different From Surface UL or lot no. Lot Idn Section Township Feet from the North/South line Feet from the East/West line Range County Dedicated Acres 13 Joint or Infill 14 Consolidation Code 160

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

· · · · · · · · · · · · · · · · · · ·				
			U.S.G.L.O. BRASS CAP 1917	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief
	,			lel bla
				Signature ROBERT BLAYLOCK Printed Name DISTRICT MANAGER
	2	<u>G</u>	6 W 5279.5'	Title 12/6 0 Date 18 SURVEYOR CERTIFICATION
			N 00-36	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 traditional three same is true and correct to the best of try being.
			(Date of Surright State of Professional Surveyor.
,	U.S.G.L.O.	790,	1845°	Ru Tordeston Lucillo 8894
 	U.S.G.L.O. BRASS CAP 1917	1	BRASS CAP -00 E 2634.5' 1917	Certificate Number

DISTRICT I P.O. Box 1980, Hobbs, N.M. 88241-1980

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised Febuary 21, 1994

Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

P.O. Drawer DD, Artesia, N.M. 88211-0719

Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV PO Box 2088, Santa Pe, NM 87504-2088

CONTIDENTIAL

OIL CONSERVATION DIVISION

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT API Number Pool Code 30-039-25855 Cabresto Canyon; Pictured Cliff Ext. Wall Number Property Code Property Name JICARILLA 459-20 12 OGRID No. Operator Name Lovation 013925 7252 MALLON OIL CO. ¹⁰ Surface Location UL or lot no. Feet from the North/South line Feet from the East/West line Range Section Township Lot Idn County 3-W790 **EAST** RIO ARRIBA 0 20 30 - NSOUTH 1845 11 Bottom Hole Location If Different From Surface UL or lot no. Lot Idn Feet from the North/South line Feet from the East/West line Section Township County Dedicated Acres 13 Joint or Infill " Consolidation Code MOrder No. 160 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 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and bett Terry Lindeman ... Printed Name Operations Superintend Title 3/24/98 Date SURVEYOR CERTIFICATION Date of 8

1845

8894

Certificate Number

Form 3160-4 (July 1992)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMINITED EN MAL

FORM APPROVED OMB NO. 1004-0137

Expires: February 28, 1995 5. LEASE DESIGNATION AND SERIAL NO. WELL COMPLETION OR RECOMPLETION REPORT AND LOG * Jic 459 6. IF INDIAN, ALLOTTEE OR TRIBE NAME GAS WELLX Jicarilla Apache WELL DRY OTHER TYPE OF COMPLETION 7. UNIT AGREEMENT NAME NEW WORK DEEP-PLUG DIFF N/A 8. FARM OR LEASE NAME, WELL NO. WELL OVER EN BACK RESVR 2. NAME OF OPERATOR Jicarilla 459-20 N. 12 Mallon Oil Company 9. API WELL NO. 30-039-25855 ADDRESS AND TELEPHONE NO. P.O. Box 3256, Carlsbad, NM 88220 (505) 885-4596 10. FIELD AND POOL, OR WILDCAT Cabresto Canyon, Pictured Cliffs Ext. 4. LOCATION OF WELL '(Report location clearly and in accordance with any State requirements *) 790 FSL and 1845 FEL (SW SE) Unit O At surface 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA At top prod, interval reported below 790 FSL and 1845 FEL (SW SE) Unit O Sec. 20, T30N-R03W 14. PERMIT NO. DATE ISSUED 12. COUNTY OR PARISH At total depth 13. STATE Rio Arriba N/A N/A New Mexico 15. DATE SPUDDED 18. ELEVATION (DF, RKB, RT, GR, ET 19. ELEV. CASINGHEAD 16. DATE TD REACHED 17. DATE COMP (Ready to Prod.) 5/26/98 5/19/98 6/30/98 7252 7253' TOTAL DEPTH, MD & TVD 1. PLUGBACK TD, MD & TVD 122. IF MULTIPLE COMP., INTERVALS ROTARY TOOLS CABLE TOOLS HOW MANY* DRILLED BY 4090' 4035 Yes N/A 25. WAS DIRECTIONAL SURVEY MADE 24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD*) 3778'-3787', 3790'-3792', 3796'-3802', 3805'-3811', 3839'-3848' Cabresto Canyon, Pictured Cliffs Ext. Yes TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED DICT, GR-DSN-SDL N/A CASING RECORD (Report all strings set in well) CASING SIZE/GRADE WEIGHT LB/FT DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLED 12-1/4" cmt 300 sxs class "B" cmt, circ 116 8-5/8" 24 lbs 543 sxs to surface 5-1/2" 15.5 lbs 4077 7-7/8" cmt 780 sxs cmt, circ 94 sxs to surface LINER RECORD **TUBING RECORD** TOP (MD BOTTOM (MD) SACKS CEMENT * SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) SIZE N/A 1.9 3661 3662 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. 31. PERFORATION RECORD (Interval, size, and number) 3778'-3787', 3790'-3792', 3796'-3802', 3805'-3811', 3839'-3848' DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 3778'-3848' acidize with 2500 gal 7-1/2% HCL 4 JSPF 128 holes frac 66,420 lbs 20/40 sand Cabresto Canyon; Pictured Cliffs Ext. PRODUCTION 33.* WELL STATI (Producing or Shut In) DATE FIRST PRODUCTION PRODUCTION METHOC (Flowing, gas lift, pumping - size and type of pump) 7/2/98 Producing Flowing OIL - BBI GAS - MCF GAS-OIL RATIO DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N FOR WATER - BBL 6/4/98 3/8" 20 N/A 24 TEST PERIOD 0 837 FLOW TBG PRESS GAS - MCF OIL GRAVITY - API (CORR.) CASING PRESSURE CALCULATED OIL - BBL WATER - BBL 837 N/A 252 Ω 24-HOUR RATE 0 20 DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY J. Angel LIST OF ATTACHMENTS 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records OH KA MU 7/6/98 Production Secretary SIGNED

					*****	***************************************	***************************************
	3244' 3482' 3665' 3780'	Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis,					
TRUE	MEAS, DEPTH	NAME	DESCRIPTION, CONTENTS, ETC.	MO110H	101	FORMATION .	70
	GEOLOGIC MARKE	J8. GEOL	ervals; and all pressures, and	all important zones of it tested, cushion use	ZOHES: (Showing depth interv		J37. SUNMA drill-st

Form 3160-4 (July 1992) UNIT STATES CONFIDENTIAL DEPARTMENT OF THE INTERIOR (See other instructions

FORM APPROVED OMB NO. 1004-0137

,,	BUREA	U OF LAN	O MANAG	GEMENT	•		on feverse :	side)			uary 28, 1995
111111			MOL PT	<u> </u>	DODT.	4 N I D 1	00 *		5. LEASE	DESIGNATION AND	SERIAL NO.
WELL CO	MPLETION C	R RECO	MPLETI	ON RE	PORT			·	6 IE IND	JIC 459 IAN, ALLOTTEE OR TE	RIRE NAME
TYPE OF WELL	OIL WELL	☐ WELL	XI DR	Υ	OTHER		BLM		" "	Jicarilla Apach	
b. TYPE OF COMPLETION				L_1	ūΩ	11.11 _	9 PH	2.11	7. UNIT A	AGREEMENT NAME	
NEW W	ORK DEE			DIFF		JUL -	D [1]	Z. 44		N/A	
WELL X 0/	ER EN	BA	CK[]	RESVR	ب ،النبا	AL RHA	HEDAL	!= +!	8. FARM	OR LEASE NAME, WI	ELL NO.
2. NAME OF OPERATOR								/ =		Jicarilla 459-20	N. 12
	Mallon Oi	Compan	у						9. API W	ELL NO.	
3. ADDRESS AND TELEPH	ONE NO.								}	30-039-25855	
	P.O. Box	3256, Cai	Isbad, N	IM 882	220	(505)	885-45	96	10. FIEL	D AND POOL, OR WIL	DCAT
4. LOCATION OF WELL	'(Report location	on clearly and	in accordanc	e with any	y State req	uirements	*)		Cabre	sto Canyon, Ojo	Alamo Ext.
At surface 790 F	SL and 1845	FEL (SW	/ SE) Un	nit O					11. SEC.	, T., R., M., OR BLOCK	(AND SURVEY
									OR AREA		
At top prod. interval rep	orted below 79	0 FSL and	d 1845 F	EL(S	W SE)	Unit O					
						· · · - ·		·····	1	0, T30N-R03W	
At total depth				14.	. PERMIT N/A	NO.	DATE ISSU N/A	JED	Rio Ar	NTY OR PARISH	13. STATE New Mexico
45 DATE COURDED	IAC DATE	E TD REACHE	D 47 DA	TE 60MB	(Ready to	Orad \		TION /DE	'	GR, ET 19. ELEV. CAS	
15. DATE SPUDDED 5/19/98		26/98		30/98	(Ready 10	Piou.)		252'	KNB, K1, C	7253'	IINGHEAD
20. TOTAL DEPTH, MD & T		PLUGBACK 1			MULTIPL	E COMP.		ERVALS		ROTARY TOOLS	CABLE TOOLS
	ł			HC	YNAM WC		DF	RILLED BY	ł		
4090'		4035'			2				, 	Yes	N/A
24. PRODUCING INTERVAL	(S), OF THIS COM	PLETION - TO	P, BOTTOM	, NAME (N	'T DNA DN	VD*)			25. WAS	DIRECTIONAL SURV	EY MADE
3276'-3312' Cabresto	Canyon; Ojo Alan	no Ext.			_					Yes	
26. TYPE ELECTRIC AND O									27. V	VAS WELL CORED	
GR-DILT, GR-DSN	-SDL									N/A	
28.								rings se			
CASING SIZE/GRAI 8-5/8"	24	SHT LB/FT bs	DEPTH S 543	EI (MD)	12	E SIZE -1/4"				ENTING RECORD 3" cmt, circ 116	AMOUNT PULLED
					 			xs to sur		3 31114, 311 3 1 1 2	
5-1/2"	15	.5 lbs	4077		7-7	7/8"	cmt 7	780 sxs c	mt, circ	94 sxs to surfac	e
					<u> </u>						
29. SIZE	TOP (MD	LINER RE		I SACKS	CEMENT *	30. TUBING RECORD					
N/A	TOP (MD	BOTTO	M (MD)	SACKS	CEMENT	SCRE	EIA (IAID)	1.9		3218'	PACKER SET (MD
				 		···		1			
31. PERFORATION RECO	RD (Inte	erval, size, and	d number)	.1		32	A	CID, SHO	T, FRAC	CTURE, CEMENT,	SQUEEZE, ETC.
3276'-3312'						DEPT	H INTERVA	AL (MD)	AI	MOUNT AND KIND OF	MATERIAL USED
4 1000 4441						2270	0040				
4 JSPF 144 holes						32/6	'-3312'			cidize 2000 gal 7-1. ac 64,620 lbs 12/20	
Cabresto Canyon; C	io Alamo Ext.								["	ac 04,020 lbs 12/20	o Sanu
33.*			PRODUC								
DATE FIRST PRODUCTION	l	1	CTION METH	HOE (Flow	ing, gas lif.	t, pumping	g - size and	type of pur		STATI (Producing or	Shut In)
7/3/98 DATE OF TEST	HOURS TESTED		wing KE SIZE	PROD'N		011 - 05	N	CAC NC		roducing	CAO OII DATIO
6/9/98	24	CHO	3/8"	1		OIL - BE	3L	GAS - MC 831	,r vv	ATER - BBL 40	GAS-OIL RATIO
0/3/30	24	1	3/0	TEST PE	ERIOD	1 0		031		40	N/A
FLOW TBG PRESS	CASING PRESSI	JRE CALC	CULATED	OIL -	BBL	.LGA	S - MCF	WATE	R - BBL	OIL GRAVITY - API (CORRI
250	0	I	OUR RATE	0			831	40		N/A	501111.)
				<u>i</u>		<u> </u>		<u> </u>			
34. DISPOSITION OF GAS	(Sold, us	sed for fuel, ve	nted, etc.)		OR REC	ORD	_	TEST	WITNESS		
Sold					OR REC	, -				J. Wink	ler
35. LIST OF ATTACHMEN	ıs		_ *	OTED F	.						
36. I hereby certify that the	foregoing and attach	ed information	is comblete	and corre	ct as deter	mined from	m all availa	ble records			
Ο.		uam							aratas:		7/6/09
SIGNED	myan	مس/بر	<u> </u>				rivauc	ction Se	степагу	DATE	7/6/98
	()										

DISTRICT P.O.Box 1980, Hobbs, N. **DISTRICT II** pesia, NM 88211-0719 P.O. Drawer DD, A 1000 Rio Brazos Rd, Azzec, NM 87410

State of INCM MEXICO F grgy, Minerals and Natural Resources Depart

OIL CONSERVATION DIVISION

2040 Pacheco St. Santa Fe, MM 87505 Form C-107 Revised 4-1-91

Filing Instructions Bouom of Page

APPLICATION FOR MULTIPLE COMPLETION

Operator	Addres	S				
/ Mallon Oil Compan	<u>,*</u>	Carlsbad, New Mexico				
Lease	Well No. Unit Li	tr Sec - Twp - Rge	County			
Jicarilla 459-20	No. 12 0-2	20-T30N-R03W	Rio Arriba County			
All applicants for multiple comple	etion must complete Items 1 and 2	2 below.				
The following facts are submitted:	U pper Zone	Intermediate Zone	Lower Zone BLANCO			
a. Name of Pool and Formation	Cabresto Canyon; Ojo Alamo Ext.	And the state of t	Cabresto Canyon; Pictured Cliffs Ext.			
b. Top and Bottom of Pay Section (Perforations)	3276'-3312'	DEGEIVED	3778'-3848'			
c. Type of production (Oil or Gas)	Gas		Gas			
d. Method of Production (Flowing or Artificial Lift)	Flowing	णाहि विभाव	Flowing			
e. Daily Production Actual Estimated Oil Bbls. Gas MCF Water Bbls.	BO 0 MCF 831 BW 40		BO 0 MCF 252 BW 20			
and location thereof, quanti of packers and side door of b. Plat showing the location of offsetting applicant's lease. c. Electrical log of the well on	e Multiple Completion, showing all casi ities used and top of cement, perforated nokes, and such other information as ma of all wells on applicant's lease, all offse	et wells on offset leases, and the names toms of producing zones and intervals o	eters and setting depth, location and type and addresses of operators of all leases			
OPERATOR: I hereby certify above information is true and c		OIL CONSERVATION DIVISION DRIGINAL SIGNED BY ERNIE BUSCA				
Signature Chrusty Sor		Approved by: DEPUTY OIL & GAS INS	SPECTOR DIST. AS			
Printed Name & Title Christy S	errano, Production Secretary	Title:				
Date 7-21-98	Telephone 505-885-4596	Date: AUG 4 19	398			
			:			

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

NG INSTRUCTIONS:

District Approval -- See rule 112-A-B -- Submit 4 copies of Form C-107 with attachments to appropriate district office. i)

Division Director Administrative Approval -- See Rule 112-C -- Submit 2 copies of Form C-107 with attachments to Division office in Santa Fe and 2 copies of Form 2) C-107 with attachments to appropriate district office.

Multiple completions not qualifying for District or Division Director approval may be set for hearing as outlined in Rule 112-A-E.

Form 3160 5 (JUNE 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Ξ

uuget	Rm ean No	1004-0135	

5. Lease Designation and Serial No.

SUNDRY NOTICES AND REPORT	TS ON WE	ELLS			JIC 457 L	159		
A MAN / S I I T			erent reservoir.		6. If Indian, Allo	tte or Tribe N	ame	_
الله الله form for proposals to drill or to deepen of the hold of the second of the s	or such propo	osals.			Jicarilla Ap	ache		
SUBMIT IN TRIPLICATE					7. If Unit or CA		Designation	
1. Type of Well								
Oil Well X Gas Well Other:					N/A	,		
2. Name of Operator Mallon Oil Company					8. Well Name a Jicarilla 45		12	
3. Address and Telephone No. P.O. Box 3256, Carlsbad, NM 88220		<i>(</i> E0)E) 99E 4E06		9. Well API No			
F.O. Box 3230, Calisbad, NW 60220		(50	05) 885-4596		30-039-25		atory Area	—
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)					East Bland			
790' FSL and 1845' FEL (SW SE) Unit O					11. County or F	Parish, State		
Sec. 20, T30N-R03W					Pio Arriba	County N	New Mexico	
12. CHECK APPROPRIATE BOX(S) TO INDIC	ATF NATI	URF	OF NOTICE REP	ORT OF			NEW MEXICO	_
TYPE OF SUBMISSION	, AIL NAIC	OIL		E OF ACT		<u> </u>		_
THE OF SOCIAL COLOR			111	E OF ACT	1014			_
Notice of Intent			Abandonment		Change of	Plans		
			Recompletion		New Const	ruction		
X Subsequent Report			Plugging Back		Non-Routir	e Fracturir	ng	
			Casing Repair		Water Shu	t-Off		
Final Abandonment Notice			Altering Casing		Conversion	to Injection	n	
		X	Other: Spud		Dispose W	ater		
				(Note	Report results of multip	e completion on V	/eli	
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, included the completed of the completed Operations (Clearly state all pertinent details, and give pertinent dates, included the completed operations of the completed operations (Clearly state all pertinent details, and give pertinent dates, included the completed operations (Clearly state all pertinent details, and give pertinent dates).					letion or Recompletion		m)	
Mallon Oil Company spud the above referenced was set at 543' and cemente of cement to pit.								
14. I hereby certify that the foregoing is true and correct Signed Chrucku Savyamo		_				K. 1	1-98	
Signed Christy Serran	Title	Proc	duction Secretary		Date	3.4	1 70	-
Approved By Conditions of approval, if any:	Title		Lands and Mi	neral R	esource:	S M Date	IAY 291	<u>9</u> 9:
Title 18 U. ও. C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or as	gency of the Unit	ited Ste	stes any false, fictitious or fr	audulent stater	ments or represe	ntations	S	_
as to any metter within its jurisdiction.								

Form 3160-3								SUBMIT IN TRIPLICA	ATZ.	FC	ORM APP	ROVED	
(July 1992)			UNITE	D STATES				(Other instruction		OM	18 NO. 10	04-0136	
(/my 1992)		DEPA		OF THE IN	TERI	OR		reverse side)		Expires February 28, 1995			
		BURE	AU OF LA	ND MANAGE:	MENT					5. LEASE DES	SIGNATIO	ONA NO	SERIAL NO
	APPLIC/	NOITA	FOR PE	RMIT TO D	RILL	OR DEEP	PEN			JIC459			
1a. TYPE OF WORK	Drill	X		Deepen				-		6. IF INDIAN, A			RIBE NAME
b. TYPE OF WELL	Utili			Deepen						7. UNIT AGRE			
Oil Well	Gas Well	X	Other			Single Zone		Multiple Zone		N/A			
2. NAME OF OPERATO	nR Mallon Oil	Comp	anv							8. FARM OR L Jicarilla 4			
3. ADDRESS AND TEL	EPHONE NO.	Comp	u.i.y							9. API WELL			
	.O. Box 3	3256											
	arisbad,			(505) 885				·····		10. FIELD AN			
4. LOCATION OF WELL	(Report local									E. Blanco			litts
At surface		790	rst and	1845' FEL	(500	SE) Unit ()			11. SEC., T., F AND SURVEY			
At proposed prod, zone		790'	FSL and	1845' FEL	(SW	SE) Unit ()			Sec. 20, 1	ГЗОN-F	R3W	
14. DISTANCE IN MILE	S AND DIREC	TION FRO	OM NEARES	TOWN OR PO	ST OFFI	CE.				12 COUNTY			STATE
5	0 miles e	ast of I	Bloomfie	ld, New Me	xico					Rio Arriba			NM
15. DISTANCE FROM F					1	16. NO. OF AC	RES II	LEASE	1	O. OF ACRES	ASSIGNE	ΕD	
LOCATION TO NEARES						,	2267	0	тот	HIS WELL	160		
PROPERTY OR LEASE	-					4	2201	.0			160		
(Also to nearest drig. uni 18. DISTANCE FROM F		OCATION	•			9. PROPOSE	OFP	TH	20 F	OTARY OR CA	BLE TO	DISCO	
TO NEAREST WELL, DI						3. 1 NO1 OOL	ا ما ما	***	20. 1	OTART OR CA	DEL LOC	8	
OR APPLIED FOR, ON	•					4500'				R	otafy	I	
21. ELEVATIONS (SHOW	W WHETHER	DF, RT, C	GR, Etc.)	7264.5'GI	_ 2	2. APPROX.DAT	E WOR	K WILL START	-	April 10,	1998	2 2	
23.			PRC	POSED CAS	NG A	ND CEMENT	ring	PROGRAM				2	(1)
SIZE OF HOLE	GRADE,	SIZE OF C	CASING	WEIG	HT PER	FOOT	!	SETTING DEP	TH	QUAN	VTI TOF	CEMEN	ரதுத
12-1/4"	{	8-5/8"	······································	Ī	24#			500'		Circ. to su	ırface	0	
7-8/8''		5-1/2"		1	15.5#	<i>‡</i>		4500'		570 sks	2	1	577
				İ							لين		
											z		
											3		
											•		
Mallon Oil Comp	pany prop	oses t	o drill to	a depth suf	ficier	it to test th	ie Pi	ctured Cliff	ts tor	mation. If	produ	ctive,	_
5-1/2" casing will consistent with F	i be cemi	ented a	aliu. II ne Spe	non-produc	ilive,	une wen w	hore	Plugged a	anora ae Or	dar No. 1	man	tlined	I
in the following	attachme	nts:	nis. Spe	cinc progra	iiiis a	s bei 011-s	11016	On and G	as Oi	dei 140. T	are ou	unica	
in the following t	attaornic	iii.											
Drilling Program													
Exhibit 1: Blov	v Out Pre			ent/Plan	E	Exhibit D:		lling Site L					
Exhibit A: Loca	ation_and	Elevat	ion Plat			Exhibit E.	Pro	oduction Fa	acilitie	es			
				ess Roads		Exhibit F:		S Continge					
	Mile Rac		•			Exhibit G:		vironmenta					
IN ABOVE SPACE DESC												If propos	al is
to drill or deepen direction 24.	nally, give per	tinent data	on subsurfac	ce locations and r	neasure	d and true vert	cal de	oths. Give blowd	out prev	enter program, i	f any.		
		\mathcal{O}	•					•					
SIGNED:		\mathcal{L}_{-}		TI	TLE:	Operation	ons	Superinten	dent	D	ATE	03	/23/98
	y Lindem	an											
(This space for Federal of	r State office	rea\					-						
		,											
PERMIT NO.								APPROVAL D	ATE .	-		 	
Application approval doe	s not warrant o	or certify t	nat the applica	ant holds legal or	equitabl	e title to those	rights i	n the subject leas	se which	would entitle th	ne applica	ant to con	duct
operations thereon.		1											
CONDITIONS OF APPR	OVAL IF ANY	$1 \wedge$	$\cap \wedge \cap$		\		Λ	.1		1)		
APPROVED BY	MI	HIL	whola	m	چھا ع	of Fro		Wan.	DAT	_ 5/5	199	<u> </u>	

Title 18 U.S.C. Section 1001, makes 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.

*See Instructions On Reverse Side

Jicarilla 460 SJ No. 2 SW/4 Section 21-30N-3W

DISTRICT | P.O. Hox 1980, Hobbs, N.M. 68241-1980

State of New Mexico

Form C-102
Revised Febuary 21, 1994
Instructions on back

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
DISTRICT III
DISTRICT III
1000 Rio Brakos Rd., Asten, N.M. 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe. NM 87504-2088

MENDED REPORT

DESTRICT IV PO Box 2088, Santa Fe, NW 87504-2088 WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number 30-039-26229-00-00		*Pool Code		Pool Name CABRISTO CANYON TERTIARY		
		97037				
Property Code	Property Name				Well Number	
		ال	CARILLA 480 SJ		2	
OGRED No.		* Elevation				
13925	MALLON OIL COMPANY 7187'					

10 Surface Location Last/West Hne UL or lot no. Section Feet from the North/South line Feet from the County Township Lot !dn Ranga WEST RIO ARRIBA 30-N 787 SOUTH 987 21 11 Bottom Hole Location If Different From Surface North/South line UL or lot no. Lot Ida Feet from the Bast/West line Township Fest from the County Section Range 18 Dedicated Agree 19 Joint or Infill 14 Consolidation Code 12 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

16 FD. U.S.G.L.G. ec. 1917				17 OPERATOR CERTIFICATION I hereby certify that the trajermetton contained herein to true and complete to the best of my knowledge and teller
				Signature ROBERT BLAYLOCK
96 W 5551.3'	2	21		Printed Name DISTRICT MANAGER Title 12 /3 / 0 / Date 18 SURVEYOR CERTIFICATION
N 0-69-36				I hereby cardify that the small location shown on this plat uses platted from field notes of active surveys made by me or under my supervision, and that he have in true and correct to the best of th
987'				Signature and See of Constitution Surveys See of Surveys See of Surveys Survey
BC. 1917 FD. U.S.G.L.O.	N 89-34-54 E	5495.7*	FD. U.S.G.L.O. BC. 1917	Gertificate Murabor

Form 3160-4 (July 1992)

IITED STATES DEPAR'L .ENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT! 'LICATE" FORM APPROVED

OMB NO. 1004-0137 Expires: February 28, 1995

	WELL	COMPLET	ION OR	RECOMP	LETION	REPOR	TAN	D LOG	•		3.	CEASE DESI	Jic 4		RIAL NO.
TYPE OF WELL			OIL	GAS	·						6.	IF INDIAN, A			
b. TYPE OF COMP	ETION		WELL	_] WEI	τX	DRY	OTHE	R			7	JI UNIT AGREE	carilla A	· <u>·</u>	<u>e. </u>
NEW	WO	RK · ·	DEEP-	F	PLUG	DIFF	:				ľ.	OITH AGREE	· N		
WELL X	OVE	R	EN		BACK	RESVR					8.	FARM OR LE	ASE NAM	E. WELL	NO.
2. NAME OF OPERA	TOR										L	Jica	illa 460	SJN	o. 2
		Mallon Oil	Compa	ny						-	9.	API WELL N		070	
3. ADDRESS AND T	ELEPHON							000.0			30-039-262 29				
		999 - 18th							93-23	33	10. FIELD AND POOL, OR WILDCAT Cabresto Canyon, San Jose				
4. LOCATION OF WE At surface		ואס SL and 987	-	clearly and in a		TIN ANY STATE	requiren	nents ")			11				ND SURVEY
Acsurace		or and so	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	o (O1111C 141						1	AREA	, m., O(\ b)	.OCK AII	ID SORVET IN
At top prod. Interv	ral reported	below 787	" FSL a	nd 987' FV	VL (SW	SW), Uni	it M					Sec	21-T30)N-R0	3W
At total depth	787' F	SL and 987	r' FWL (SW SW).	Unit M	14	i. Permit	No.	Date Issu	ed .	12	COUNTY C	R PARISH	13. S	TATE
				- · · · · · · · · · · · · · · · · · · ·				/A		N/A		Rio Ai			1M
15. DATE SPUDDED							, RT, GR, ET	1		GHEAD					
11/29/99 20. TOTAL DEPTH. A	מעד גימג			2/99 IGBACK TD, M	0 & 1 VO			PLE COM	P 173 IA	7187'		ROTAL	71	188'	ABLE TOOLS
							OW MAI		1	DRILLED BY				-	
·	1800'			1748	·							L	res	Ĺ_	
24. PRODUCING INT	ERVAL (S), OF, THIS COM	PLETION -	тор, воттом,	, NAME (MD	AND TVD*)	•				25.	WAS DIRE	CTIONAL S	URVEY	MADE
1577'-1582'			9'-1640'	, 1702'-17	06', 1718	3'-1726' <u>,</u>	Cabre	esto Ca	nyon		L,		Yes		· · · · · · · ·
26. TYPE ELECTRIC SDL-DSN,		ER LOGS RUN					-					27. WAS WI	ELL CORE N		
				CASIN	G RECC	RD (Re	port a	all string	js set i	n well)					7
	SIZE/GRA	DE		SHT LB/FT		I SET (MD)		OLE SIZE		P OF CEMEN			RECORD	AMO	OUNT PULLED
8-	·5/8 "			24#	1# 238'		-	12-1/4" cmt 120 sx T			pe 3 cmt				
4-	1/2"			1.6#	1 1	800'	1	6-3/4"		275 sx 50				- -	
					1				circ 30 sx to surface						
SIZE	Ι	TOP (MD	LIN	NER RECOF		SACKS (EMENT	SCBE	EN (MD)	30 SIZE			NG REC		CKER SET(MD
N.A.		- CIVI) 101		501101	()	T CACKE C		3011		1.9	_		72'	- ^	SICK SETTING
31. PERFORATION R	RECORD		(Interval.	. size, and numb	ber)					SHOT, FRA	CT		-		
DEPTH INTERVAL (MD) 1577'-1582', 1592'-1602', 1629'-1640', 1702'-1706', 1718'-1726' 1577'-1726						_ , _ ,			3000 ga		ERIAL USED				
		2 JSPI	F (76 ha	les)	•							4	,400# 12		
	(Cabresto C	anyon, S	San Jose				-				235,00	O SCF N	2, 3000	# Flex sand
33.*					DUCTION										
DATE FIRST PRODUC				PRODUCTIO	N METHOD			iift, pumpir	ng - size a	nd type of pum	(Q	WELL STAT	•	-	
DATE OF TEST	16/00	HOURS TESTE	D	Існо	KE SIZE	Flow		OIL - BB	<u></u>	GAS - MCF		WATER -		ducing GA	S-OIL RATIO
12/27/99)		24		3/8"	TEST PE		1	. 1	360	١	1	2	1	N/A
							-					.3	5		1
FLOW TBG PRESS	-	CASING PRES	SURE 0		CULATED OUR RATE	OIL -	88L)		s - MCF 360	WATER		· 👝 📗 .	BAVITY - /		(R.)
. 100			U	24-11		4		1	- 25		_	[B]	≫	n Dani	
34. DISPOSITION OF	GAS	Solo	•	for fuel, vented,	, etc.)			, 60° E	SUD-	TEST W		ESSED BY			
LIST OF ATTACH	MENTS					KC.		3 405 6		1 141.	٥٠	100 M		<u> </u>	
36. I hereby certify that	t the forego	oing and attached	d information	n is complete an	nd correct as							9:			
SIGNED (11	da D								ring Tech	nic	an ⊸o	ATE 3	17/0	50
	<u> </u>	<u> </u>	·· <u> </u>		,					٠, ١, ١, ١, ١, ١					

	L. San Jose	меаs. Dертн 1552'	TRUE VERT DEPTH
	L. San Jose	1552'	
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-	. stoří		
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	₩ 12 0 .		. •

UNITED STATES Form 3160-5 DEPARTMENT OF THE INTERIOR (JUNE 1990) BUREAU OF LAND MANAGEMENT SUNDRY NOTICES AND REPORTS ON WELLS Jic 460 Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. 6 If Indian, Allotte or Tribe Name Jicarilla Apache Tribe Use "APPLICATION FOR PERMIT --" for such proposals. 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE Type of Well N/A Oil Well X Gas Well 2. Name of Operator 8. Well Name and No. Mallon Oil Company Jicarilla 460 SJ No. 2 3. Address and Telephone No 9. Well API No. P.O. Box 2797 Durango, CO 81302 (970)382-9100 30-039-26299 10. Field and Pool, or Exploratory Area Cabresto Canyon; San Jose Ext. 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 787' FSL and 987' FWL (SW SW) Unit M 11. County or Parish, State Sec. 21, T30N-R03W Rio Arriba County, New Mexico CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Change of Plans Notice of Intent Abandonment Recompletion **New Construction** Subsequent Report Plugging Back Non-Routine Fracturing Casing Repair Water Shut-Off Final Abandonment Notice Altering Casing Conversion to Injection Other: Change Surface Dispose Water Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this zone.)* Mallon Oil company spud the above referenced well on November 29, 1999 at 1:45 pm. Drilled 12-1/4" hole, 8-5/8" x 24 lb/ft surface casing was set at 238'. Cemented 120 sxs Type 3 cmt, circulated 16 sxs to surface. Christy Surano Production Clerk Lands and Mineral Resolution

S. C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as matter within its jurisdiction.

Approved B

FORM APPROVED STRATT IN TRIPLICATE Form 3160-3 UNITED STATES OMB NO 1004-0136 (Other instructions on (July 1992) DEPARTMENT OF THE INTERIOR Expires February 28, 1995 reverse side) 5. LEASE DESIGNATION AND SERIAL NO. BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR DEEPEN JIC 460 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 1a. TYPE OF WORK Jicarilla Apache Drill X Deepen 7. UNIT AGREEMENT NAME TYPE OF WELL Gas Well X Single Zone Multiple Zone Oil Well 8. FARM OR LEASE NAME, WELL NO 2. NAME OF OPERATOR Jicarilla 460 SJ No.2 Mallon Oil Company 9 APIWELL NO 3. ADDRESS AND TELEPHONE NO. P.O. Box 2797 30-0 Durango, CO 81302 (970) 382-9100 FIELD AND POOL, OR WILDCAT 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements,*) Cabresto Canyon, San Jose ext At surface 787' FSL and 987' FWL (SW/SW) Unit M 11 SEC., T., R., M., OR BLK. AND SURVEY OR AREA Al proposed prod. zone 787' FSL and 987' FWL (SW/SW) Unit M Sec. 21, T30N-R03W 12. COUNTY OR PARISH 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE. 13 STATE Nio Rio Arriba 53 miles east of Bloomfield, New Mexico NM 15 DISTANCE FROM PROPOSED 16. NO. OF ACRES IN LEASE (10 2) 17 NO OF ACRES ASSIGNED 787 TO THIS WELL LOCATION TO NEAREST 175, 86 1,920 PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 18. DISTANCE FROM PROPOSED LOCATION* 19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS 100 1800' TO NEAREST WELL, DRILLING, COMPLETED, Rotary OR APPLIED FOR, ON THIS LEASE, FT. 08/01/99 7187' GR 21. ELEVATIONS (SHOW WHETHER DF, RT, GR, Etc.) 22. APPROX.DATE WORK WILL START PROPOSED CASING AND CEMENTING PROGRAM SIZE OF HOLE GRADE, SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT 24# 12-1/4" Circulate to surface 8-5/8" 500' 7-7/8" 14.7# 300 sks 50/50 Poz w/additives 4-1/2" 1800 Mallon Oil Co. proposes to drill this well to an approximate TD of 1800 in the San Jose formation. This well is placed on an existing well pad. Some additional pad extension may be required. The Jicarilla Oil and Gas Administration has waived any necessity of re-onsiting the well pad as long as any required archaeology survey is submitted. Environmental assessment was previously submitted under the initial well APD. If productive, 4-1/2" casing will be cemented at TD. If non-productive, the well will be plugged and abandoned in a manner consistent with Federal regulations. Specific programs as per on-shore Oil and Gas Order No. 1 are outlined in the following attachments: Drilling Program Exhibit 1: Blow Out Preventor Equipment/Plan Exhibit D: **Drilling Site Layout** Exhibit A: Location and Elevation Plat Exhibit E: **Production Facilities** Exhibit B: Roads and Pipelines Exhibit F: H2S Contingency Plan Exhibit C: One Mile Radius Map Exhibit G: Archaeology Report IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any TITLE: Operations Superintendent DATE £07/05/99 SIGNED reny Lindeman (This space for Federal or State office use) PERMIT NO APPROVAL DATE Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon CONDITIONS OF APPROVAL, IF ANY APPROVED BY *See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes 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.

NSL-4355 @

CONFIDENTIAL

Jicarilla 460 No. 2 SW/4 Section 21-30N-3W DISTRICT 1 P.O. Box 1980, Hobbs, N.M. 88241-1980 State of New Mexico

DISTRICT II P.O. Drawer DD, Artesia, N.M. 88211-0719

PRICT III D Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV PO Box 2088, Santa Fe, NM 87504-2088

1 API Number

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87504-2088

Pool Code

Form C-102
Revised Febuary 21, 1994
Instructions on back

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

Pool Name

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

30-039-	-24112	-00-00)	97037		CABF	RISTO CANYO	ON TER	FIARY	
Property C	ode				*Property	Name			4 We	ll Number
2041	ا ما	JICARILLA 460 2								2
OGRID No).				*Operator	Name			• 1	Elevation
1392	5	MALLON OIL COMPANY							719	93'
	¹⁰ Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West	line	County
М	21	30-N	3-W		790	SOUTH	890	WE	ST	RIO ARRIBA

11 Bottom Hole Location If Different From Surface Lot Idn Feet from the North/South line UL or lot no. Section Feet from the Township East/West line County " Dedicated Acres 18 Joint or Infill 14 Consolidation Code 15 Order No. 60

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

	· · · · · · · · · · · · · · · · · · ·			
18 FD. U.S.G.L.O. BC. 1917				17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief
				0.100-
		· ·		Signature ROBERT BLAYLOCK
5551.3	2	1		Printed Name DISTRICT MANAGER Title 12/06/01
0-00-36 W				18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me
0 Z				or under my supervision and that the same is true and correct to the best of my plices A. RUC
.08 .08				Blgmature and San of From State Surveyor
FD. U.S.G.L.O. BC. 1917 FD. U.S.G.L.O. BC. 1917	N 8934-54 E	5495.7'	FD. U.S.G.L.O. BC. 1917	Certificate Number

Form 3160-4 (July 1992)

1a. TYPE OF WELL

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

SUBMIT IN DUPLICATE.

FORM APPROVED OMB NO. 1004-0137

5 LEASE DESIGNATION AND SERIAL NO

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jic 460

Expires: February 28, 1995

ENT OF THE INTERCOR	(264 DOM: IM
OF LAND MANAGEMENT	on reverse sid
AMENDED	

WELL X Jicarilla Apache WELL . DRY OTHER UNIT AGREEMENT NAME b TYPE OF COMPLETION DIFF MEW WORK DEEP-PLUG 8. FARM OR LEASE NAME, WELL NO RESVR OTHER WELL OVER . X ΕN BACK Jicarilla 460 No. 2 2. NAME OF OPERATOR Mallon Oil Company 9. API WELL NO. 30-039-24112 3. ADDRESS AND TELEPHONE NO P.O. Box 3256, Carlsbad, NM 88220 (505) 885-4596 10. FIELD AND POOL, OR WILDCAT E. Blanco, Ojo Alamo 4 LOCATION OF WELL "(Report location clearly and in accordance with any State requirements") 790 Fsl, 890 FWL (SWSW) Unit M 11. SEC., T., R., M., OR BLOCK AND SURVEY At surface OR AREA At top prod, interval reported below Sec. 21, T30N-R3W At total depth 790 FsI, 890 FWL (SWSW) Unit M 14. PERMIT NO. DATÉ ISSUED 12. COUNTY OR PARISH 13. STATE N/A N/A Rio Arriba New Mexico 18. ELEVATION (DF, RKB, RT, GR, ETC*) 19. ELEV. CASINGHEAD 15 DATE SPUDDED 16. DATE TO REACHED 17. DATE COMP. (Ready to Prod.) N/A 11/14/97 N/A N/A 20. TOTAL DEPTH, MD & TVD 22. IF MULTIPLE COMP.. 23. INTERVALS ROTARY TOOLS CABLE TOOLS 21. PLUGBACK TD, MD & TVD HOW MANY* DRILLED BY 3550' N/A N/A 24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD*) 25. WAS DIRECTIONAL SURVEY MADE 3224'-3234', 3237'-3243', 3246'-3248', 3272'-3278', 3284'-3206' Ojo Alamo N/A 26 TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED N/A CASING RECORD (Report all strings set in well) TOP OF CEMENT, CEMENTING RECORD CASING SIZE/GRADE WEIGHT LB/FT DEPTH SET (MD) HOLE SIZE AMOUNT PULLED Existing LINER RECORD **TUBING RECORD** 30 BOTTOM (MD) SACKS CEMENT * SCREEN (MD) DEPTH SET (MD) PACKER SET (M SIZE TOP (MD SIZE 2-3/8" 3086' 3089 N/A ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. 31. PERFORATION RECORD (Interval, size, and number) AMOUNT AND KIND OF MATERIAL USED DEPTH INTERVAL (MD) 3224'-3234' 3237'-3243' 3224'-3234' Acidize 2000 gls 3246'-3248' Ojo Alamo Frac 61,000 lbs sand 3272'-3278' 3284'-3286' 33.* **PRODUCTION** DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) WELL STATUS (Producing or Shut In) Producing 11/14/97 Flowing PROD'N FOR WATER - BBL GAS-OIL RATIO DATE OF TEST HOURS TESTED CHOKE SIZE OIL - BBL GAS - MCF TEST PERIOD 10/28/97 24 3/8" 1303 n OIL GRAVITY - API (CORR.) FLOW TBG PRESS CASING PRESSURE CALCULATED GAS - MCF WATER - BBL OIL - BBL 24-HOUR RATE 1303 0 400 150 ACCESTED FOR RECORD TEST WITNESSED BY 34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold Angel 35. LIST OF ATTACHMEN 36. U hereby cert ing and attached info mation is complete and correct as determined from all available records TITLE Production Analyst SIGNED DATE 12/12/97 *(See instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. 1001, makes 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

'orm 3160-4 November 1983) (formerly 9-330)

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UNITED STATES

SUBMIT IN DUPLICATE

Form approved. Budget Bureau No. 1004-0137 Expires August 31, 1985 5. CEASE DESIGNATION AND SERIAL NO.

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DEPARTMENT	OF	THE	INTERIOR
BUREAU OF I	AND	MANAG	EMENT

(Secother Instructions on reverse side)

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ME S WILDCAT LOCK AND SURVEY R3W 13. STATE
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3734
NM
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CABLE TOOLS
AS DIRECTIONAL IRVET MADE
lo
WELL CORED
lo
MOUNT PULLED
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30.000# 20,
roducing or
OIL BATIO
TY-API (CORR.)
TY-API (CORE.)
TT-API (CORR.)
TY-API (CORR.)
TT-API (CORR.)
TY-API (CORR.)

37. SUMMARY OF POF drill-stem, tests, ir recoveries):	ROUS ZONES: (S ncluding depth in	SUMMARY OF POROUS ZONES: (Show all important zones of porosity drill-stem, tests, including depth interval tested, cushion used, time recoveries):	nnes of porosity and contents thereof; cored intervals; and all ion used, time tool open, flowing and shut-in pressures, and	38. GEOL	GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		TOP	Ъ
				NAME	MEAS, DEPTH	TRUE VERT. DEPTH
OJO ALAMO KIRTLAND FRUITLAND P.C.	3177 3427 3556 3687	3427 3556 3687 4115	water water water and natural gas natural gas	OJO ALAMO KIRTLAND FRUITLAND P.C.	3177 3427 3556 3687	
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		1				
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6.						

Form 3160-5 (November 1983) (Formerly 9-331)	UNITED STATES DEPARTMENT OF THE INT	SUBMIT IN TRIPLICATE (Other Instructions on re	Budget Bureau No. 1004-013 Expires August 31, 1985 5, LEASE DESIGNATION AND SERIAL NO.
	BUREAU OF LAND MANAGEM		Jicarilla Contract 460
CLINIZ			6. IF INDIAN, ALLOTTER OR TRIBE NAME
Do not use this f	DRY NOTICES AND REPORT form for proposals to drill for to deeped or publication for Permit — for m	out of the proposals.)	Jicarilla Apache Tribe
OST GAS F	Z OTREE		7. UNIT AGREEMENT NAME
NAME OF OPERATOR	J 01766		S. PARM OR LEASE NAME
Robert L. Bay	yless		Jicarilla 460
ADDRESS OF OPERATOR			9. WELL NO.
P.O. Box 168	, Farmington, NM 87499		2
LOCATION OF WELL (Re See also space 17 below At surface	port location clearly and in accordance with	any State requirements.*	Wildcat
790' FSL & 89	90' FWL		11. SEC., T., B., M., OR BLE. AND SURVEY OR AREA
	. • • • • • • • • • • • • • • • • • • •		Sec. 21, T30N, R3W
. PERMIT NO.	15. ELEVATIONS (Show whether	er OF, RT. UR. etc.)	12. COUNTY OF PARISH 13. STATE
	7191 GL	7203 RKB	Rio Arriba NM
	Check Appropriate Box To Indicat	e Nature of Notice, Report, or (Other Data
No	TICE OF INTENTION TO:	SUBARO	CENT REPORT OF:
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHCT-OFF	BEPAIRING WELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONMENT*
REPAIR WELL	CHANGE PLANS	(Other) Spud; set	surface csq. X
(128.69 ft. and cemente Good circul	t 7:15 a.m. 12/29/86. Dri) of 7-5/8" 26.4#/ft. casi d surface with 60 sacks Cl ation throughout job. Cir 2/30/86. WOC.	ing and set at 141' RKB Lass B cement containin	. Rigged up Dowell g 3% CaCl ₂ (71 ft. ³).
	.,,		,
	, and the second second		
	•		
	,		
	TYLL		
hereby certify that the	torgening to true and correct	/	12/21/06
HIGNED	TITLE_	Operator	
spage for Federal	or State office use)		
APPROVED BY CONDITIONS OF APPRO	OVAL, LF ANY:		DATE

CONDITIONS OF APPROVAL, IF ANY :

SUBMIT IN TRIP TE°

Form approved.

(November 1983) (Iformerly 9-331C) UNITED STATES (Other Instructions on reverse side) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT (Other Instructions on reverse side) Expires August 31, 1985 5. Lease Designation and Edital No. Contract 460								
					····			
APPLICATION	N FOR PERMIT	TO DRILL,	DEEP	EN, OR PLUG	BACK	6. IF INDIAN, ALLOTTED Jicarilla Apa		
1s. TYPE OF WORK		חברחביו		PLUG BA	CV \square	7. UNIT AGREEMENT NO		
b. TYPE OF WELL	ILL 🖸	DEEPEN		PLUG BA				
OIL OAS X SINGLE MULTIPLE X S. PARM OR LEASE NAME ZONE ZONE								
2. NAME OF OPERATOR Jicarilla 460								
Robert L. Bayless 9. WELL NO.								
3. ADDRESS OF OPERATOR 2								
P.O. Box 168, Farmington, NM 87499 RECEIVED 10. PIELD AND POOL OR WILDCAT Wildcat								
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface Wildcat								
At surface 11. SSC, T. R., M., OR SLE.								
790' FSL & 890' FWL DE UU 1300 AND SURVEY OR AREA At proposed prod. zone								
same BUREAL OF LAND MANAGEMENT Sec. 21, T30N, R3W								
14. DISTANCE IN MILES A	AND DIRECTION FROM NEAD	BEST TOWN OR POS	T OFFIC	ĀRMINGTON RESOURC	E AREA	12. COUNTY OR PARISH		
							NM	
15. DISTANCE FROM PROPO LOCATION TO NEAREST	•		16. N	O. OF ACRES IN LEASE		OF ACRES ASSIGNED HIS WELL		
PROPERTY OR LEASE LINE, FT. (Also to nearest drig, unit line, if any)				1920'		160	- 	
19. DISTANCE FROM PROFOSED LOCATION* 19. PROPOSED DEPTH TO NEAREST WELL, DRILLING, COMPLETED,						RY OR CABLE TOOLS		
OR APPLIED FOR, ON THIS LEASE, FT. 4115' U-TD								
21. ELEVATIONS (Show whether DF, RT, GR. etc.) DRILLING OPERATIONS AUTHORIZED ARE 7191' GL 7203' RKBSUBJECT TO COMPLIANCE WITH ATTACHED This action is subject to incomplian and								
7191' GL	-						- 13 053 0105	
<i>5</i> 3.	P	ROPOSED CASK	AÇ,, ZINI	CEMENTING PROGR	AMand app	eal-pursuant to 43 C	FR 313 5.4.	
								
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FO	TOC	BETTING DEPTH		QUANTITY OF CEMENT	!	
9"	7"	23#/ft.		125 ft.	30 ft	QUANTITY OF CEMENT		
						Class B		
9"	7"	23#/ft.		125 ft.	206 ft			
9"	7" 4-1/2" ole to 125' and circulated to #/ft. J-55 casi D pozmix with 2 water loss contill run Induction	23#/ft. 11.6#/ft. set 125 ' surface. W ng and ceme % gel and l trol addition and Dens	of 2 Will with with 0% sity	125 ft. 4115 ft. 3#/ft. J-55 cas drill 6-1/4" ho ith 206 ft. ³ Cl alt. Circulati No abnormal p	206 ft 89 ft sing cen ble to 4 ass B w ng medi ressure prevent	Class B Class B w/2% Class B w/2% Class B w/2% Class B w/2% Class B w/2% Class B w/2% Class B w/2% Class B Class C Cl	econofil ft ³ ll5' l tailed ar water, res are	
9" 6-1/4" Will drill 9" ho Class B cement, of 4-1/2", 11.6† by 89 ft. 3 50-50 natural mud and anticipated. Wi The gas from thi ESTIMATED TOPS:	7" 4-1/2" ole to 125' and circulated to #/ft. J-55 casis pozmix with 2 water loss consill run Inductions formation is Ojo Alamo Kirtland Fruitland Pictured Cliff T.D.	23#/ft. 11.6#/ft. set 125 'surface. We may and ceme and let the set of the	of 2 Will ent w .0% s .ves. .ity	125 ft. 4115 ft. 3#/ft. J-55 cas drill 6-1/4" ho ith 206 ft. ³ Cl alt. Circulati No abnormal p Logs. Blowout to a gas contra	206 ft 89 ft sing cen le to 4 ass B w ng medi pressure prevent	Class B 3 Class B w/2% 3 50-50 pozmix menting with 30 4115' and run 41 with 2% econofil cum will be clea es or temperatur eer schematic is	econofil ft ³ ll5' l tailed ar water, es are	
9" 6-1/4" Will drill 9" ho Class B cement, of 4-1/2", 11.6† by 89 ft. 3 50-50 natural mud and anticipated. Wi The gas from thi ESTIMATED TOPS:	7" 4-1/2" ole to 125' and circulated to #/ft. J-55 casis pozmix with 2 water loss consill run Inductions formation is Ojo Alamo Kirtland Fruitland Pictured Cliff T.D.	23#/ft. 11.6#/ft. set 125 'surface. We may and ceme to addition and Dens not deducated and the second and the	of 2 Will with with the control of t	125 ft. 4115 ft. 3#/ft. J-55 cas drill 6-1/4" ho ith 206 ft. 3 Cl alt. Circulati No abnormal p Logs. Blowout to a gas contra	206 ft 89 ft sing cer le to 4 ass B w ng medi ressure prevent	Class B 3 Class B w/2% 3 50-50 pozmix menting with 30 4115' and run 41 vith 2% econofil um will be clea es or temperatur eer schematic is	econofil ft3 L15' L tailed ar water, es are s attached.	
9" 6-1/4" Will drill 9" ho Class B cement, of 4-1/2", 11.6; by 89 ft. 3 50-50 natural mud and anticipated. Wi The gas from thi ESTIMATED TOPS: IN ABOVE SPACE DESCRIBE F EXORE. If proposal is to dr preventer program. If any.	7" 4-1/2" ole to 125' and circulated to #/ft. J-55 casis pozmix with 2 water loss consill run Inductions formation is Ojo Alamo Kirtland Fruitland Pictured Cliff T.D.	23#/ft. 11.6#/ft. set 125 'surface. We may and ceme to addition and Dens not deducated and the second and the	of 2 Nill ent w 0% s ves. ity ted	125 ft. 4115 ft. 3#/ft. J-55 cas drill 6-1/4" ho ith 206 ft. 3 Cl alt. Circulati No abnormal p Logs. Blowout to a gas contra	206 ft 89 ft sing cer le to 4 ass B w ng medi pressure prevent ct.	Class B 3 Class B w/2% 3 50-50 pozmix menting with 30 4115' and run 41 vith 2% econofil um will be clea es or temperatur eer schematic is	econofil ft3 L15' L tailed ar water, es are s attached.	
9" 6-1/4" Will drill 9" ho Class B cement, of 4-1/2", 11.6; by 89 ft. 3 50-50 natural mud and anticipated. Wi The gas from thi ESTIMATED TOPS: IN ABOVE SPACE DESCRIBE FROM. If proposal is to dr preventer program. If any.	7" 4-1/2" ole to 125' and circulated to #/ft. J-55 casis pozmix with 2 water loss consill run Inductions formation is Ojo Alamo Kirtland Fruitland Pictured Cliff T.D.	23#/ft. 11.6#/ft. set 125 'surface. We may and ceme to addition and Dens not deducated and the second and the	of 2 Nill ent w 0% s ves. ity ted	125 ft. 4115 ft. 3#/ft. J-55 casdrill 6-1/4" hoith 206 ft. 3 Clat. Circulati No abnormal plogs. Blowout to a gas contra	206 ft 89 ft sing cer le to 4 ass B w ng medi pressure prevent ct.	Class B 3 Class B w/2% 3 50-50 pozmix menting with 30 4115' and run 41 vith 2% econofil um will be clea es or temperatur eer schematic is	econofil ft3 L15' L tailed ar water, es are s attached.	

OPERATOR

*See Instructions On Reverse Side

AREA MANAGER

Jicarilla 30-03-28 SJ No. 1 SW/4 Section 28-30N-3W

DISTRICT I P.O. Box 1980, Hobbs, N.M. 88241-1980

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised Febuary 21, 1994 Instructions on back

Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT II P.O. Drawer DD. Artesia. N.M. 88211-0719

Rio Brazos Rd., Aztec, N.M. 87410

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, NM 87504-2088

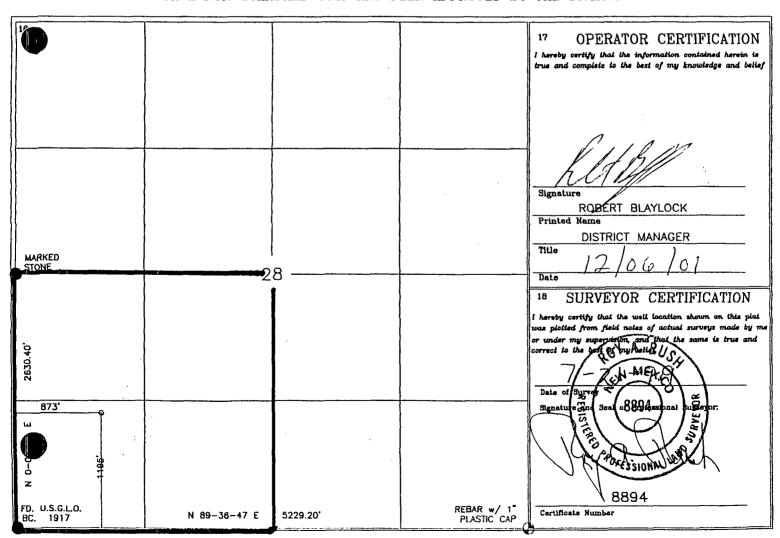
DISTRICT IV PO Box 2088, Santa Pe. NM 87504-2088 AMENDED REPORT

¹ API Number 30-039-26239-00-00		*Pool Code 97037	ERTIARY			
Property Code 25037		*Property Name *Well Number JICARILLA 30-3-28 SJ 1				
OGRID No.	Operator Name Elevation					
13925		MALLOI	N OIL COMPANY	7134'		

WELL LOCATION AND ACREAGE DEDICATION PLAT

10 Surface Location UL or lot no. Feet from the North/South line East/West line Section Township Range Lot Idn Feet from the County 3-W 1195 WEST RIO ARRIBA М 28 30-N SOUTH 873 11 Bottom Hole Location If Different From Surface UL or lot no. Lot Idn Feet from the North/South line Feet from the Section East/West line Township Range County 12 Dedicated Acres 18 Joint or Infill 14 Consolidation Code S Order No. 160

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



Form	3160-4
(July	1992)

SUBMIT IN DUP: UN 7D STATES

FORM APPROVED

OMB NO. 1004-0137

Expires: February 28, 1995 5. LEASE DESIGNATION AND SERIAL NO. MDA 701-90-0002

		OMPLETI	ON OR R	ECOMPL	ETION	REPOR	RT AN	ID LOC	} *					0-0002	
TYPE OF WEL	LL		OIL	GAS WEL		RY 📗	OTHER					Jicar	ila Apa	OR TRIBE NAM che Tribe	1E
b. TYPE OF COM					_						7.	UNIT AGREE			
WELL X	WOF OVE		DEEP- EN	PLUG BAC		DIFF RESVR					8.	FARM OR LE	N/ ASE NAM	E, WELL NO.	
2. NAME OF OPER			<u> </u>								L	Jicarilla	30-03-	28 SJ No.	1
· · · · · · · · · · · · · · · · · · ·		Ma	llon Oil Co	ompany							9.	API WELL N			
3. ADDRESS AND	TELEPHO		0 D 47	07 D	0.0			(070)		0400	<u> </u>		0-039-2		
4 10047104051	ACL		O. Box 27 port location c					(970)		9100	_	FIELD AND		≀wildcat ; San Jose	Evt
4. LOCATION OF \ At surface		جم SL and 87 عا		-		wiin any S	tate req	uirements	7					LOCK AND SU	
		ted below 11	•	•		SW) Ui	nit M					AREA		N-R03W	
At total depth	1195' F	SL and 87	'3' FW (SI	w sw) u	nit M	14	Permit		Date Is	sued N/A	12.	COUNTY O		13. STATE	
15. DATE SPUDDE	ΞD		16. DATE TO	REACHED	17. DA	ATE COM	(Ready	to Prod. 1	18. ELI	EVATION (E	OF, RKE	3, RT, GR, E	19. ELEV.	CASINGHEAD)
10/25/99 20. TOTAL DEPTH	1 JAIN 8 TV/	<u> </u>	10/30	/ 99 IGBACK TD, 1	MD 8 TVD	11/18		BI E COM	פרום	713		- BOTAB	71 Y TOOLS	35' CABLE T	OOLS
20. TOTAL DEFTA		<i>J</i> .	21. FEC		WID & TVD		NOLTH		r. 23.	DRILLED E		KOIAK	1 10003	CABLE	OOLS
	2100'			2050'			<u>N./</u>	٩				Y	es	N.	.A
24. PRODUCING I	NTERVAL	(S), OF THIS C	OMPLETION -	TOP, BOTTO	OM, NAME	(MD AND	TVD*)				25.	WAS DIREC	CTIONAL S	SURVEY MADE	
		7'-1561' C		anyon; S	an Jose	Ext.							Yes		
26. TYPE ELECTR HRI; SDL		THER LOGS RU	N									27. WAS WI	ELL CORE N.A		
28.	/DSIN	~		CASING	3 REC	ORD (F	eport	all stri	nas s	et in we	n l		14.7	<u>\.</u>	
CASING	SIZE/GRA	ADE	WEIGHT	LB/FT	DEPTH S	ET (MD)	НО	LE SIZE				EMENTING F	RECORD	AMOUNT PU	JLLED
	8-5/8"		2	4	23	34	1	2-1/4"				ss B cmt			
	4-1/2"		10	5	20	94		5-3/4"		c 28 sxs nt 300 sx				ļ	
							•	<u> </u>		c 15 sxs				 	
29.		700 (1/0	LINE	R RECOR						30			IG REC		
SIZE N.A.	<u> </u>	TOP (MD		воттом	(MD)	SACKS C	MENT	SCRE	EN (MC	D) SIZ 1.		153	SET (MD)	PACKER S	ET (MD)
31. PERFORATION	N RECORE)	(Interval	, size, and nu	mber)	ـــــــ		32	ACID	SHOT, F	RAC	TURE, CEN	MENT, SO	QUEEZE, ET	C.
		71' -1579'						DEPTH II				AMOUNT	AND KINE	OF MATERIA	L USED
	15	37'-1561'	2 JSPF (4	18 holes)				ļ.,	153	7' - 1579) '		-	7-1/2% HCL	
	Ca	bresto Car	nyon; San	Jose Ext.										ady sand HT 12/20	
			•												
33.*				PROF	DUCTION	vi		<u> </u>				<u> </u>	<u>:</u>	•••••	
DATE FIRST PROD	DUCTION	· · · · · · · · · · · · · · · · · · ·		,			ng, gas	lift, pumpir	ng - siz	e and type o	of pum	WELL STAT	(Producir	g or Shut In)	
11	/18/99			<u> </u>		Flow		•					Prod	ucing	
DATE OF TEST		HOURS TESTE		CHOKE		PROD'N		OIL - BBL		GAS - N		WATER -		GAS-OIL F	
11/11/9	ام		24	3	3/8'	TEST PE	KIOD	0		543	'	12	-	N.A.	
FLOW TBG PRESS		CASING PRES	SURE	CALCUL	ATED	OIL -	3BL		S - MCF	F WA	rER - B	BL OIL GF	RAVITY - A	I PI (CORR.)	
160			0	24-HOU	R RATE	0		5	43		12			9.	
24 DISPOSITION			(0-144 fe	- 6:01		<u> </u>	-,	<u> </u>			T \A//T\	FOSED DV			
34. DISPOSITION	OF GAS	Solo	(Sold, used fo	rruei, vented	, etc.)			,				IESSED BY Davis	<i>Ş</i> 3	N :	•
5. LIST OF ATTA	CHMENTS												=57		
36. I hereby certify	that the for	oneine and atte	ahad informat	ion io complet	o and corr	oot oo doto	rminod (from all au	aldalia	rassada			<u> </u>	<u>``</u>	
	MA10	74.5	0440	04 T	Chriety	Serrano		Dr	aduc	tion Sec	retary		FE 11	22-9	9
		\ \ \	*(See In:	structions	and Spa	ces for A	dditio	nal Data	on R	everse Si	ide)				SCON W
Title 18 U.S.C. 1001 or representations a	1, makes it	a crime for any	person knowir	ngly and willfu	lly to make	to any dep	artmeni	t or agency	y of the	United Stat	es any	false, fictitiou	s or fraudu	lent statements	RC
or representations a	as to any m	atter within its j	urisdiction											EDTED	
		•					CU	NEIF	ושר	IAITN			PCC		
							UU	INLIT	اسال	41 IVI	-				

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		, ě	9			·				FORMATION	× -
			·		·						uding depth
		j.•								TOP	interval tested,
										воттом	tests, including depth interval tested, cushion used, time tool open, flowing and shut-in
										DESC	ne tooi open, flowi
						, , , , , , , , , , , , , , , , , , ,				DESCRIPTION, CONTENTS, ETC	4
								·		NTS, ETC.	Assures, and
							Nacimiento	San Jose		NAME	G
1							1986	1522	MEAS. DEPTH	TOP	GEOFOGIC MAXXEX
	; ; ;						: ,		VERT DEPTH		•

Form 3160-5

as to any matter within its jurisdiction

UNITED STATES CUNFIDENT

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT FORM APPROVED

Budget Bureau No. 1004-0135

Expires March 31, 1993

5. Lease Designation and Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen Use "APPLICATION FOR PERMIT" for		6. If Indian, Allotte or Tribe Name Jicarilla Apache Tribe
SUBMIT IN TRIPLICATE		7. If Unit or CA, Agreement Designation
1. Type of Well Oil Well X Gas Well Other:		N/A
2. Name of Operator Mallon Oil Company		8. Well Name and No. Jicarilla 30-03-28SJ No. 1
3. Address and Telephone No. P.O. Box 2797 Durango, CO 81302	(970)382-9100	9. Well API No. 30-039-26239
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		10. Field and Pool, or Exploratory Area Cabresto Canyon; San Jose Ext.
1195' FSL and 873' FWL Sec. 28, T30N-R03W, Unit M		11. County or Parish, State Rio Arriba, New Mexico
12. CHECK APPROPRIATE BOX(S) TO IND	ICATE NATURE OF NOTICE, REPO	DRT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE	OF ACTION
Notice of Intent X Subsequent Report	Abandonment Recompletion Plugging Back	Change of Plans New Construction Non-Routine Fracturing
Final Abandonment Notice	Casing Repair Altering Casing	Water Shut-Off Conversion to Injection
	X Other: Spud Sundry	Dispose Water (Note: Report insults of multiple completion on Well
13. Sescribe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates,	including estimated date of stading any proposed work	Completion of Recompletion Report and Log form) If well is directionally drilled gives
subsurface locations and measured and true vertical depths for all markers and zones pertine , $^{\prime}$	ent to this zone.)*	Art Control of the Co
Mallon Oil Company spud the above referenced		
8-5/8" x 24 lb/ft surface casing was set at 234'. 0 28 sxs to surface.	Jemented 120 sxs Class B cm	t, circulated
		00 KOW 10 10 10 10 10 10 10 10 10 10 10 10 10
14. I hereby certify that the foregoing is true and correct		
Signed Christy Sinomo	Title <u>Production Clerk</u>	Date 11-17-99
Approved B Patrician MKeste	Larric and Min	eral Resourcas
Conditions of approval, if any:	•	
U. S. C. Section 1001, makes it a crime for any person knowlndy and willfully to make any departmen	nt or agency of the United States any false fictilious or fo	raudulent statements or representations as

*See Instruction on Reverse Side

Form 3160-3 (July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR

SUBMIT IN TRIPLICATE

FORM APPROVED

(Other instructions on

OMB NO. 1004-0136

		DEPA	RTMENT	OF THE IN	TERIC)R	reverse side)		Expires F	ebruary 2	28, 1995
· · · · · · · · · · · · · · · · · · ·		BURE	AU OF LAN	ND MANAGE	MENT				5. LEASE DESIGN	A MOITAL	ND SERIAL NO.
	APPLI	CATION	FOR PE	RMIT TO D	RILL	OR DEEP	EN		MDA 701-90	-0002	
1a. TYPE OF WORK									6. IF INDIAN, ALLO	OTTEE O	R TRIBE NAME
	Drill	X		Deepen					Jicarilla Apa	che	
b. TYPE OF WELL									7. UNIT AGREEM	ENT NAM	1E
Oil Well	Gas Well	X	Other			Single Zone	Multiple Zone		N/A		
2. NAME OF OPERATO	20								8. FARM OR LEAS	OC NAME	WELL NO
	ກ Mallon Oil	Compa	nv.						Jicarilla 30-3		
3. ADDRESS AND TEL		Compa	<u> </u>						9. API WELL NO.	7-20 0	J 110. 1
	P.O. Box	2797							9. AFT WELL NO.		
	Durango,		102	(970) 382-	9100				10. FIELD AND PO	JOL OB:	WILDCAT
4. LOCATION OF WEL						nents *)			Cabresto Cany		
At surface				SW/SW) U		,			11. SEC., T., R., M		
			(.	, -					AND SURVEY OR		
At proposed prod. zone	1195' FSL	and 87	3' FWL (S	SW/SW) U	nit M						
			`	,					Sec.28, T30	N-R03	SVV
14. DISTANCE IN MILE	S AND DIRECT	ION FROM	NEAREST TO	WN OR POST	OFFICE *				12. COUNTY OR I		
	52 miles e	ast of B	loomfield	, New Mex	ico				Rio Arriba		NM
15. DISTANCE FROM	PROPOSED *				1	16. NO. OF ACE	RES IN LEASE	17. NO.	OF ACRES ASSIG	NED	
LOCATION TO NEARE	ST	77	'3'		į			TO THIS			
PROPERTY OR LEASE	LINE, FT.				- 1	640)	1	1	58	
(Also to nearest drig. un	it line, if any)										
18. DISTANCE FROM					1	19. PROPOSED		20. RO	TARY OR CABLE T	OOLS	
TO NEAREST WELL, D				100'	i		1800'				
OR APPLIED FOR, ON	THIS LEASE, F	Τ							Rot	<u>ary</u>	
21. ELEVATIONS (SHO	W WHETHER I	OF, RT, GR,		7134' GF			WORK WILL START		08/01/99		
23.	- ·		PRO	POSED CA	SING A	ND CEWEN.	TING PROGRAM				
SIZE OF HOLE	GRADE	, SIZE OF C	ASING	WEIC	3HT PER		SETTING DEF	TH	QUANTI	TY OF CE	EMENT
12-1/4"		8-5/8"			24	#	500		Circulate to	surfac	е
7-7/8"		4-1/2"			14.	7#	1800	ľ	300 sks 50/	50 Po	z w/additive
								· 			
Mallon Oil Co.	proposes to	drill th	s well to	an approxir	nate 1	D of 1800	in the San Jose	forma	tion. This		
well is placed o	n an existi	ng well i	oad. Som	ne additiona	al pad	extension	may be require	d. The	Jicarilla Oil	3	S
and Gas Admin	istration ha	as waive	d any ne	cessity of re	e-ònsi	iting the we	ll pad as long a	s any r	equired		¥ 15
archaeology su	rvey is sub	mitted.	Environm	nental asse	ssme	nt was prev	riously submitte	d unde	r the initial		13
well APD. If pro	oductive, 4	-1/2" ca	sing will b	oe cemente	ed at T	D. If non-	productive, the	vell wil	l be plugged	ڪي ج	74.
and abandoned							cific programs a	s per o	n-shore Oil	AUGUEI	
and Gas Order		outlined	in the foll	owing attac	chmer	nts:				<u></u>	
Drilling Program				VD1		C. L. is is 0.	D-985 - 03-1			- 29 n	27
Exhibit 1: Blo	w Out Presation and	ventor E	quipmeni	Pian		Exhibit D:	Drilling Site La				
			n Piai			Exhibit E: Exhibit F:	Production Fa H2S Continge			സ്ത്	(C)
	ads and Pi e Mile Rad					Exhibit G:			III		7-7
		•					Archaeology F	-		-	ಹ
IN ABOVE SPACE DES	CRIBE PROPO	SED PROG	RAM: If propo	sal is to deepen,	give data	a on present pro	ductive zone and propos	ea new pr	oductive zone. it pri	obóssi is	
to drill or deepen direction	onally, give perti	nent data or	subsurface lo	cations and mea	sured an	d true vertical de	pths. Give blowout pre	venter prog	gram, if any.		
24.		- /'	١.								
- Y	\ >		7 - 7	-	171 E. /	Operations	Superintenden		DA	TE	07/05/00
SIGNED:	N Lindem	30			IILE.	Operations	Superintenden		UA	TE	07/05/99
101	ry Lindein	41) 									
(This space for Federal	or State office u	se)									
, ,		,									
PERMIT NO.							APPROVAL	DATE			
											
Application approval doe	es not warrant o	r certify that	the applicant h	iolds legal or equ	uitable titl	e to those rights	in the subject lease whi	th would e	ntitle the applicant to	o conduct	
operations thereon.											
CONDITIONS OF APPR	OVAL IF ANY										
SHERWAN	, // /1141.	_	1		1	/	,		ACT on	1000	
ADDROVED BY	Jan.	PA	Jenin.	K TITLE	tes	no A	FM	TE	UC1 22	1999	•
APPROVED BY	LIVIU		<u> </u>	IIILE) //	, , , DA	· =			
_ (*See Inst	ruction	ns Ón Rever	se Side				

e 18 U.S.C. Section 1001, makes 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.

Jicarilla 30-03-28 No. 1 SW/4 Section 28-30N-3W

DISTRICT I O. Box 1980, Hobbs, N.M. 68241-1980

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102 Revised Febuary 21, 1994 Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

ASTRICT II P.O. Drawer DD, Artemia, N.M. 88811-0718 DISTRICT III 1000 Rio Brasos Rd., Astec. N.M. 87410

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, NM 67504-2088

DISTRICT IV PO Box 2088, Santa Fe, NM 87504-2008 ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number 30-039-2513	0-00-00	Pool Code 97037	Pool Name CABRISTO CANYON TE	RTIARY
*Property Code			Property Name RILLA 30-3-28	Well Number
TOGRED No.	-	•(Operator Name	Elevation
13925		MALLON	OIL COMPANY	7142

10 Surface Location North/South line UL or lot mo. Beotlen Township Range Lot Ida Feet from the Funt from the Bost/West line RIO ARRIBA 1195 SOUTH 773 WEST 28 30-N М

" Bottom Hole Location If Different From Surface Feet from the North/South line Fast from the Bast/West line Lot Idn County UL or lot no. Section Township Rango is Joint or Infill " Consolidation Code MOrder No. " Dedicated Acres

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

				17 OPERATION CERTIFICATION I hereby correctly that the information confedered herein is true and complete to the best of my anothering and belief
MARKED STONE	2	8		Bignature ROBERT BLAYLOCK Printed Name DISTRICT MANAGER Title 13/31/01 Data
2630.46'				18 SURVEYOR CERTIFICATION I haveby carrify that the well location shown as this plut was plotted from field nature of actual surveys made by our or under my supervising and Dan he serve is true and correct to the base of the belief. Data of luggery Data of luggery Data of luggery
773'	N 89-36-47 E	52 29 .20*	REBAR W/ 1" PLASTIC CAP	Signature and Sent of Bellepignal Street, Stre

Form 3160-4 (July 1992)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB NO. 1004-0137

Expires: February 28, 1995

			AMEN								5. LEA	SE DESIGNA	TION A	ND SERIAL NO
WELL C	OMPLE	TION O	R REC	OMPL	ETION	REPOF	RT AND	LO	G *		70	1-90-000	2	
1a TYPE OF WELL	OIL		GAS	-										R TRIBE NAME
			WELL X	C DRY		OTHER						carilla Apa		
b TYPE OF COMPLE					0.55						7. UNI . N /	T AGREEMEN	П НАМ	E
MELL OVE	ER X	DEEP-	PLUG BACK		DIFF RESVR		THER					RM OR LEASE	NAME	WELL NO
			BAGI	<u> </u>							!			•
2. NAME OF OPERATO		- 01 0-										carilla 30-	3-28	No. 1
		on Oil Co	mpany									WELL NO.	20	
3 ADDRESS AND TEL			S Cod	chad N	18.8 9.01	220	(505)	005	4EC) C		0-039-2510		
		Box 325					(505)		-458	90	:	ELD AND POO		
4. LOCATION OF WEL		, 790' FV	•		ice with an	y State requ	uirements	7				Blanco, C		
At surface 11	05 1 55	, /30 TV	VL OIII	IL IVI							OR AR		OK BL	OCK AND SURVEY
At top prod. interval	reported hel	low									OK AK	.E.A		
At top prod. witerval	reported bei	.011									S	ec. 28, T3	0N-R	:3W
At total depth 11	85' FSL.	, 790' FV	VL (SV	v sw)	14	. PERMIT	NO.	DATE	ISSU	ED		DUNTY OR PAI		· · · · · · · · · · · · · · · · · · ·
			Unit M			N/A		N	l/A		R	io Arriba		New Mexico
15. DATE SPUDDED	16.	DATE TO F	REACHED	17. DA	TE COMP	(Ready to	Prod.)	18. El	LEVA	TION (DF, F	RKB, RT	, GR, ETC*) 1:	9. ELE	V. CASINGHEAD
N/A		N/A				0/19/97			N/A					N/A
20 TOTAL DEPTH, MC	OVT & C	21. PLUGE	BACK TD, I	MD & TVD		MULTIPLE		23		ERVALS LLED BY	i	ROTARY TO	OLS	CABLE TOOLS
N/A			3510'		111	N/A						N/A		N/A
24. PRODUCING INTE	RVAL (S). C	DF THIS CO		I-TOP B	OTTOM. N	-		L			25. W	AS DIRECTION	VAL SL	
3149'-3151				97, 32	13-32	31. Ojo	Alamo				L	N/A		
26. TYPE ELECTRIC A	ND OTHER	LOGS RUN									27.	WAS WELL	CORE	י
				CASINI	G PEC	OPD (F	Penort	all et	ringe	s set in	wall)	19/74		
28. CASING SIZE/GRA	DE	WEIGHT LE		DEPTH S		1	E SIZE					ENTING RECO	IRD	AMOUNT PULLED
Existing		***************************************				1100		_		J. OCHICIA	1, 02,00		110	AMOUNT OCCU
								_						
29.			LINER R							30.		TUBING		
	N/A	B	OTTOM (A	AD)	SACKS	CEMENT .	SCRE	EN (M	1D)	2-3/8		3024'	(MD)	PACKER SET (N
	13//						- 		_	2-3/0	<u>'</u>	3024		3020
31. PERFORATION RE	CORD	(Interval, siz	e and nu	mber)			32.	AC	CID S	SHOT F	RACTI	JRE CEME	NT S	QUEEZE, ETC.
		,		,						RVAL (MD		T		OF MATERIAL USED
3149'-3151'														
3157'-3176'	Ojo Al						31	49'-3	3231	•		1000 gal		
3194'-3197'												Frac 56,	340 lb	s sand
3213'-3231'														
33.*				PROF	UCTION	<u> </u>	1					·		
DATE FIRST PRODUCT	TION	PR	ODUCTION			ng, gas lift, j	oumpina -	size ar	nd type	e of pump)	WE	LL STATUS	(Produ	cing or Shut In)
10/19/97				lowing						//)		Produc	•	
DATE OF TEST	HOURS TE	STED	CHOKE S	<u>~</u> ,	PROD'N F	OR	OIL - BI	3L		GAS - MCF		WATER - BBI		GAS-OIL RATIO
Ì					TEST PER	RIOD			İ					
10/12/97		24	3	/8"		->	0			2400		35		0
FLOW TBG PRESS	CASING PE	RESSURE	CALCULA		OIL - E	1		S - MC		WATER	R - BBL	OIL GRA	VITY - A	API (CORR.)
720 nci	0		24-HOUR	RATE	0			2400	,		25			
720 psi	0						LECOR L	2400	J		35	0		
34. DISPOSITION OF C	GAS (So	old, used for	fuel, vente	d, etc.)		n FOR 1	KEC-			TEST		sed by Lindemar	_	
35. LIST OF ATTACHM	ens X				CCE _{DI}	ED FOR T				!	1.	Lindemal	1	
N/A	77)	\sim	,	A .									
36. I rereby certify that	he loregato	g and attach	ed informa	tion is con	nplete and	correct as o	letermined	from a	ıll avail	lable record	s	- · · · · · · · · · · · · · · · · · · ·		
SIGNED	Y//	1 At		1/1.	1-	_				n Analys		DATE	<u>.</u> .	12/12/97
OIGINED /	py	1/4		10									·	(# 1#31
		// /*i	See Inst	truction	s and So	aces for	Additio	nal D	ata o	n Revers	e Side	e)		-

Title 18 U.S.C. 1001 makes 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

Form 3160-4 (October 1990)

SUBMIT IN DUPI TED STATES

TE. (Scother inFOR APPROVED OMB NO. 1004-0137 Expires: December 31, 1991

		pires. Decembe	1 21, 1	771	
5.	1.EASE	DESIGNATION	AND	SERIAL	N
7	01-9	0-0002			
_					

		-		MANAGEMI		τ		rse sid			SERIAL NO.
WELL CO	OMPLETIO	N OR F	RECOM	APLETION	REPORT	AN	ID LO	G *	6. IF INDIAN,		
1a. TYPE OF WE	LL: 0	II.	GAS X		Other				7. UNIT AGREE		11100
b. TYPE OF CO											
WELL .		EEP-	BYCK X	nesvr.	Other				8. FARM OR		E, WELL NO.
2. NAME OF OPER									Jic. 30-		
Robert L.	•		. ,	· · · · · · · · · · · · · · · · · · ·					9. API WELL NO		
	88, Farmin		м 8749	19 5	05-326-26	559			30-039-2		DCAT
4. LOCATION OF W				-			ite)*		- Basin Fr	uitland	Coal
At surface	1185' FSI	L & 790	' FWL						11. SEC., T., R., OR AREA		
At top prod. in	iterval reported	below	same								
At total depth	same								Sec. 28,	T30N, R	3W
	Jame			14. PERMIT NO),	DATE	ISSUED		12. COUNTY OR	13. 5	TATE
									Rio Arri	ha	NM
5. DATE SPUDDED	16. DATE T.D.	REACHED		COMPL. (Ready					B, RT, GE, ETC.)*	19. ELEV. CAS	
				/92	LTIPLE COMPL		7' GL;			·	
O. TOTAL DEPTH, MD	Br	idge Pl	ug @	HOW		•		LLED B		CABL	E TOOLS
4. PRODUCING INTE	FRVAL(S), OF THE	640 RK	В он—тор,	BOTTOM, NAME (MD AND TVD)					25. WAS D	
3592-362	24: Basin	Fruitl	and Co	al						SURVEY	MADE
			una 00							<u> </u>	
6. TYPE ELECTRIC	AND OTHER LOGS	3 RUN							2	7. WAS WELL	CORED
•			G + G 131	. nmconn / Pa			(12)				
S. CASING SIZE/GRADE	WEIGHT, LE	8./FT. DI	CASIN EPTH SET	G RECORD (Re	OILE SIZE	8 861 1		MENT.	CEMENTING RECORD	AMOUN	T PULLED
8-5/8"	24#		146.78	12	-1/4"				_	_	
4-1/2"	10.5	# 40	049'	7	-7/8"	387	75 sx 1	031	Class B w	/2% econ	olite;
									50/50 pozmi:		el & 109
		<u> </u>		'		<u>lsal</u>) <u>sx</u>	118 ³ Class		
9. BIZE	TOP (MD)	LINER R		ACKS CEMENT	SCREEN (M	n)	30.	 ī	TUBING RECOR		SET (MD)
	101 (10)	-	```'' - -		-		2-3/8	3"-	3615'		
		-			-						
l. PERFORATION RE	CORD (Interval,	size and nu	mber)		32.	AC	ID, SHOT	. FRA	CTURE, CEMENT	SQUEEZE, E	rc.
3592-3602				•	DEPTH IN			1	AMOUNT AND KIND		
3619-3624	- 5 ft.	- 20 ho	les		3592-3	3624	<u> </u>		gal. 7½% D		
2.7/08	4 1605	0.411 1	• • • • • •						$\frac{d w}{90} \frac{1.1s}{25}$	~	
3-1/8" gun	1, 4 JSPF,	.34" a	ıamete	r					650 gal. 25: led fluid w		
3.•				PRO	DUCTION				d & 60,000#		
ATE FIRST PRODUCT	TION PRO	DUCTION ME	THOD (Flo	wing, gas lift, 1	oumping—size	and t	ype of pur	np)	WELL ST	TATUS (Produ	cing or
6/5/92		flow	ing						snwt-t	"produci	ng
ATE OF TEST	HOURS TESTE	•	E SIZE	PROD'N. FOR TEST PERIOD	OIL-BBL.		GAS-NO	CF.	WATER-BBL.	GAS-OIL	RATIO
6/6/92	1 24		/8"		0		1 14		1 0		-7
410	CASING PRESS		ULATED OUR RATE	011	GAS	мс т . 14	1	WATE	rнвс. 0	IL GRAVITY-AP	I (CORE.)
4 I U	460 AB (Sold, used for	or fuel, vent	ed, etc.)	1 0		1 '4			TEST WITNESS	D BT	
sold		• •	. ,						Tom McC		
5. LIST OF ATTACH	MENTS				· · · · · · · · · · · · · · · · · · ·						
		·	1								
3. I hereby certify	that the forest	ing and act	agreet the	ormation is com	plete and corr	ect as	determin	ed fro	m all available reco	ords	
SIGNED	em b	JUIC	m	TITLE	Petro	oleu	ım Engi	nee	r DATE	<u>6/</u> 1	9/92
								_			

drill-stem, tests, including depth interval tested, cushion used, time recoveries):	Sluding depth in	iterval tested, cus	tool open, flowing and shut-in pressures, and	38. GEOLO	GEOLOGIC MARKERS	
FORMATION	TOP	воттом	DESCRIPTION, CONTENTS, ETC.		TOP	ď
				NAME	MEAS, DEPTH	TRUE VERT, DEPTH
Ojo Alamo SS	3142	3384	Sandstone, siltstone, water, small amounts of natural gas.	Ojo Alamo	3142	
Kirtland- Fruitland FMS	3384	3640	Sandstone, siltstone, shale, coal, water, natural gas.	Kirtland - Fruitland FMS	3384	same
Pictured Cliffs SS	3640	4054	Sandstone, siltstone, shale, natural gas.	Pictured Cliffs	3640	
						· •

SUBMIT IN DUP U' TED STATES

ATF

FOR APPROVED OMB NO. 1004-0137 Expires: December 31, 1991

other in-DEPARTMENT OF THE INTERIOR structions or reverse side) 5. LEASE DESIGNATION AND BERIAL NO. BUREAU OF LAND MANAGEMENT 701-90-0002 6. IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG* Jicarilla 1a. TYPE OF WELL: WELL X 7. UNIT AGREEMENT NAME L TYPE OF COMPLETION: WELL X DEEP-DACK [8. FARM OR LEASE NAME, WELL NO. 2. NAME OF OPERATOR Jicarilla 30-3-28 9. API WELL NO. Robert L. Bayless 3. ADDRESS AND TELEPHONE NO. 10. FIELD AND POOL, OR WILDCAT P.O. Box 168 Farmington, N.M. 87499
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements). East Blanco Pictured CJ 11. BEC., T., R., M., OR BLOCK AND BURVEY OR AREA At surface At top prod. interval reported below Same Sec. 28, T30N, R3W At total depth Same 14. PERMIT NO. 12. COUNTY OR DATE ISSUED 13. STATE 30-039-25130 Rio Arriba New Mexico 15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 19. ELEV. CASINGHEAD 18. ELEVATIONS (DF. RKE, RT, GR, ETC.)* GL 11-7-91 7137' 7149' RKB 11-12-91 1-14-92 22. IF MULTIPLE COMPL., 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS 20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 3949' 0=TDWAS DIRECTIONAL SURVEY MADE 24. PRODUCING INTERVAL(8), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD) Pictured Cliffs: 3642' - 3720' No 26. TYPE ELECTRIC AND OTHER LOGS RUN 27 WAS WELL CORED No Induction, Neutron, Density CASING RECORD (Report all strings set in well) 29 CASING SIZE/GRADE WEIGHT, LB./FT. DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLED 12 1/4" 8 5/8" 24# 146.78 7/8" 4 1/2 4049 3875 sx 10313 Class B w/2 10.5#/ft. % econolite; $325 \text{ sx } 410^3 \text{ } 50/50 \text{ pozmix}$ w/2% gel & <u>10% salt; 100 sx 118³</u> Class B TUBING RECORD 29. LINER RECORD 30. SACKS CEMENTS RIZE TOP (MD) BOTTOM (MD) SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 2 3/8" 3676 No 31. PERFORATION RECORD (Interval, size and number) ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 3642 - 3679 37' 75 holes DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 3708 - 3720 12' 25 holes 3642 - 3720 500 gal 7½% DI weighted HCL 3 1/8" gun - 2JSPF - .34" diameter acid: 150 1.1 s.g. RCN ball sealers 75,000 70 quality foam w/100,000# gal 20/40 sand. 940,000 SCF Nitrogen 22 0 PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) WELL STATUS (Producing or shut-in) DATE FIRST PRODUCTION SI Flowing S.T. PROD'N. FOR TEST PERIOD DATE OF TEST HOURS TESTED CHOKE SIZE OIL-BBL. GAS-MCF. WATER-BBL. 0 70 1-21-92 3 0 CALCULATED 24-HOUR BATE FLOW, TURING PROPE CASING PRESSURE 011.-- BB1.. GAS-MCF. WATER--HBL. OIL GRAVITY-API (CORR.) 0 601 AOF 0 34. DISPOSITION OF GAS (Bold, used for fuel, vented, etc.) TEST WITNESSED BY Vented David Ball 35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE Petroleum Engineer

DATE January 24, 1992

					-	<i>;</i> *	
	· h						

	3640	Pictured Cliffs	e, siltstone, shale, natural gas.	Sandstone,	4054	3640	Pictured Cliffs SS
SAME	3384	Kirtland - Fruitland FMS	e, siltstone, shale, coal, water, gas.	Sandstone, s	3640	3384	Kirtland - Fruitland FMS
	3142	Ojo Alamo	e, siltstone, water, small amounts al gas.	Sandstone, of natural	3384	3142	Ojo Alamo SS
TRUE VERT. DEPTH	MEAS, DEPTH	N > K E					
P	TOP		DESCRIPTION, CONTENTS, ETC.		BOTTOM	TOP	FORMATION
	GEOLOGIC MARKERS	38. GEOLO	SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contemts thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):	zones of porosity shion used, time	Show all important nterval tested, cu	OUS ZONES: (S	37. SUMMARY OF POR drill-stem, tests, in recoveries):
	S. San						

RECEIVED BLM

92 JAN 29 AM 10: 22

019 FARMINGTON, N.M.

ACCEPTED FOR RECORD

JAN 3 1 1992



ROBERT L. BAYLESS
Jicarilla 30-3-28 #1
1185' FSL & 790' FWL
Sec. 28, T30N, R3W
San Juan County, NM

11/8/91 Spud well at 3:30 p.m., 11/7/91. Drilled 163 ft. of 12 1/4" surface hole. Ran 4 jts. (146.78) of 8 5/8" used surface casing and landed at 160 ft. RKB. Rigged up Cementers, Inc. Cemented surface with 135 sacks (159 ft³) of Class B cement with 3% CaCl2. Good circulation throughout job. Circulate cement to surface. Plug down at 8:30 p.m., 11/7/91. Wait on cement. Pressure test surface casing and cement to 600 psi for 30 minutes. Held ok. Drilled cement. Drilled 92 feet of formation. Drilling.

11/9/91 Drilling at 2040'.

10/91 Drilling at 3050'.

11/11/91 Bit #3 had one cone left in hole. Bit #4 used to mill up cone and clean up hole. Note: 1 hr. of drilling was working on junk. Drilling at 3490'.

11/12/91 Catwork charged involved pulling in casing truck and butane truck and location costs above previous estimate. TD expected at 10 a.m. today.

11/13/91 TD wells at 11:15 a.m., 11/12/91. Circulate, short trip, trip out of hole for logs. Rigged up Halliburton Logging Services. Log stopped at 3711'. Ran Induction, Neutron, Density logs out of hole. Hole sticky. Tripped in hole with drillpipe and collars. Work through bridges from 3711 to TD without circulation. Short trip. TOH for logs. Logs went to loggers TD of 4054'. Started logging P.C. interval. Logging tool got stuck at 3713'. Worked on tool. Pulled out of rope socket at 8300 lbs pull. Wait on Homco fishing tools. Rig up fishing tools.

14/91 Trip in hole with fishing tools. Tag fish at 3835, fish dropped to bottom. Circulate fill. Overshotted fish. Chain out of hole with fish (wet) laydown fish and fishing tools. Trip in hole with collars and drillpipe. Laydown drillpipe and collars. Ran 97 jts. of 4 1/2" 10.5#/ft. J-55 new Maverick casing as follows:

Description
KB to landing point
49 its. of 4 1/2" 10.5#/ft. J-55

Length Depth
14.00
OPFRATOR

3150-3

SUBMIT IN TRI ATE* Form approved.

nber 1983) gerly 9=831C)		_D_STATES		(Other Instruc reverse sl		Expires August	31, 1985
•	DEPARTMENT	OF THE I	NIER	IOR		5. LEASE DESIGNATION	AND BEBIAL NO.
•	BUREAU OF	LAND MANAG	EWEN.	Τ .		Jicarilla Co	ジウで名 ontract
APPLICATION	Y FOR PERMIT T	O DRILL D	FFPF	N OR PLUG B	ACK	G. IF INDIAN, ALLOTTER	OR TEIBE NAME
or work	· · · · · · · · · · · · · · · · · · ·	O Dille, C		in, on the b		Jicarilla Ar	oache Tribe
	ILL 🔯	DEEPEN [PLUG BA	CK 🗆	7. UNIT AGREEMENT N	AME
b. Tipe of well	A8 🗔		618	GLE TO MULTIP			
WELL !	ELL CTHER		201	ZONE ZONE		S. FARM OR LEASE NAT	41
2. NAME OF OPERATOR						Jicarilla	
Robert L. Bay	less					9. WELL NO.	
3. ADDRESS OF OPERATOR						30-3-28-1	
	, Farmington, NM					10. FIELD AND POOL, C	R WILDCAT
4. LOCATION OF WELL (R	eport location clearly and	in accordance wit	h any St	ate requirements.*)		Basin Fruit	land Coal
1185' FSL & 7	90' FWI.					11. SEC., T., B., M., OR I AND SURVEY OR AR	BLK.
At proposed prod. zor						1	
						Section 28,	•
14. DISTANCE IN MILES	AND DIERCTION FROM NEAR	REST TOWN OR POST	OFFICE	•		12. COUNTY OR PARISE	13. STATE
						Rio Arriba	NM
15. DISTANCE FROM PROP-	OSED*		16. NO.	OF ACRES IN LEASE		OF ACRES ASSIGNED HIS WELL	
PROPERTY OR LEASE ! (Also to Degrest dr)	LINE, FT. g. unit line, if any)					20	
18. DISTANCE FROM PROI			19. PRO	POSED DEPTH	20. ROTA	RY OR CABLE TOOLS	
OR APPLIED FOR, ON TH	HE LEASE, FT.			4020'	Ro	tary	
21. ELEVATIONS (Show wh	ether DF, RTTGR station	is subject to tec	nnical a	and		22. APPROX. DATE WO	RE WILL START
7137 ' GL 7	1149' RKB procedural	review pursuant	ព្រះស្រ	7F17 01001W		ASAP	remain a control
23.	and appeal	pursuant to 12 PROPOSED CASE	NG AND	CEMENTING PROGRA	DRIFTING DRIFTING	OPERATIONS AUTHORI TO COMPLIANCE WITH	ATTACHED
SIZE OF HOLE	BIZE OF CABING	WEIGHT PER FO		SETTING DEPTH		REOSUATILITIES CEME	
12-1/4"	8-5/8"	24.0#		120'		Class B (106	
7-7/8"	4-1/2"	10.5#		4020'		k assorted ceme	
	<u> </u>					g cementing gu	-
		l	ł		detai		
							_
Will drill 12-	1/4" hole to 120) and set	120'	of 8-5/8" 24.0	#/ft .	J-55 used casing	g, cementing
	lass B cement, o						
	-1/2" 10.5 #/ft						
	elines. Circula						
	control additive						
	tion and Densit						hematics
are attached.	The gas from the	his formati	on is	not dedicated	toa	gas contract.	•
100 mg 1 mg 1 mg 1 mg 1 mg 1 mg 1 mg 1 m	EST.	IMATED TOPS	: Oi	o Alamo	- 3144	. •	
is keep	# 151.	1013	_		- 338		

3424' Fruitland Pictured Cliffs -3659' Total Depth

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zones. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

EIGNED KEVIN H. MCCOTO	TITLE Petroleum Enginee	DATE 8-24-90
(This space for Federal or State office use)	APPROVAL DATE	APPROVED AS AMENDED
PROVED BY	operator	The hell

*See Instructions On Reverse Side

Jicarilla 464 SJ No. 8 SW/4 Section 29-30N-3W

DISTRICT | P.O. Box 1980, Hobbs, N.M. 88241-1980

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised Febuary 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, N.M. 88811-0719

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe. NM 87504-2088

☐ AMENDED REPORT

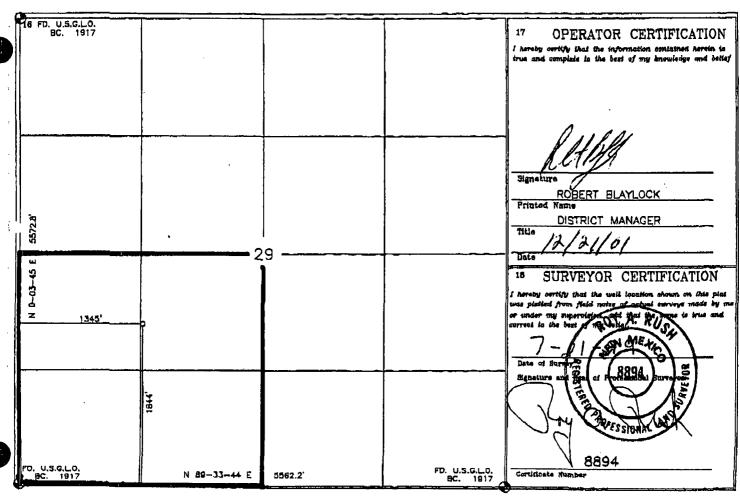
1000 Rio Brazos Rd., Axtec, N.M. 87410 DISTRICT IV PO Box 2088, Santa Fs., NM 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-2623	ON TERTIARY		
*Property Gode		operty Name ILLA 464 SJ	8 Mail Manaper
13925	•	orator Name OIL COMPANY	flievation 7190

10 Surface Location Feet from the North/South line Feet from the East/West line County UL or lot no. Bection Township Range Lot Idn RIO ARRIBA WEST SOUTH 1345 K 29 30-N 3-W 1844 "Bottom Hole Location If Different From Surface North/South line Feet from the UL or let do. Section Bast/West line Township Range Lot Idn Pest from the County Dedicated Agran W Joint or Infill 14 Connolidation Code 14 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



·Form 3166-4 (July 1992)

SUBMIT IN DUF. TE*

FORM APPROVED OMB NO. 1004-0137

Evnirae: Echnisos 29 400E

		C	OKLAU	OF LAIM	O IVIAIN	MUCIVIE	*1			Othlevers		5. LEAS		IGNATION A	ND SERIAL NO.
	VELL C	OMPLETIC	ON OR	RECO	MPLE	TION F	REPOR	RT AN	ID LOG	*	-:-			Jic 46	
TYPE OF WEL	L		OIL WELL		AS /ELI X] DR	· []	OTHER				6. IF IN		rilla Apac	R TRIBE NAME he Tribe
b. TYPE OF COM				LI	•	-		,	99 DEC	1		7. UNIT AGREEMENT NAME			
NEW WORK DEEP PLUG DIFF WELL X OVER EN BACK RESVR 8. FARM ORT											MORI	N/A			
	· · · · · · · · · · · · · · · · · · ·	`		<u> LJ</u> _		<u> </u>	LOVIC	<u> </u>	<u> </u>	7 1 1 1 1 1 1	 -	0. 1 AIX			
2. NAME OF OPER	RATOR	14-	II O:I	^							· · · · · · · · · · · · · · · · · · ·			rilla 464 S	SJ No. 8
2 1222222			lion Oil	Compa	iny							9. API			2004
3. ADDRESS AND	TELEPHO		O B	2707 5	.	00	04200		(070)	200 04	.00			30-039-20	
4 1001701051				2797 E					(970) 3		UU			POOL, OR	
4. LOCATION OF V				-			vith any S	State req	uirements '	")					San Jose Ext.
At surface	1044 1	SL and 13	45 FV	L (14E 3	3 VV) U	JI JIL IX			•	;				, M., OR BL	OCK AND SURVEY
At top prod. into	erval repor	ted below 184	14' FSL	and 13	45' F\	VL (NE	SW)	Unit K	()			OR ARE		29, T30	N-R03W
At total depth	1844' F	SL and 13	45' FW	L (NE S	SW) U	Jnit K	14	. Permit N/		ate Issu	ed V/A		O YTNU Rio Ar	R PARISH Tiba	13. STATE NM
15. DATE SPUDDE	D		16. DATE	TD REAC	HED	17. DAT	E COMP	(Ready	to Prod. 1	8. ELEV	ATION (DF, I	RKB, RT	, GR, E	19. ELEV.	CASINGHEAD
11/5/99	T) A 40 -			/8/99	·		12/09				7190'			719	
20. TOTAL DEPTH,	, MU&IV	J	21.	PLUGBACI	ĸΙŲ, Μί	r a IVD	ı	MULTI OW MAN	PLE COMP		RILLED BY	i	KUTAR	RY TOOLS	CABLE TOOLS
	2100'	•		2	026'					-		ĺ	Υ	es/	N/A
24. PRODUCING IN	VTERVAL	(S), OF THIS CO	OMPLETIC	ON - TOP, E	воттом	I, NAME (I	MD AND	TVD*)				25. WA	S DIRE	CTIONAL SU	JRVEY MADE
1600'-160	6' 161:	3'-1626', 16	34'-16	12										Yes	
26. TYPE ELECTRI	IC AND O	HER LOGS RU	IN	<u>. </u>								27.	WAS W	ELL COREC)
DIL/SG, D	SN/SD	<u>L</u>												N/A	·
28.											t in well)				
	SIZE/GR/ 3-5/8"	ADE	WEI	SHT LB/FT		237.			LE SIZE 2-1/4"		OF CEMEN			RECORD	AMOUNT PULLED
	0-0/0			24	_	231.	42	<u> </u>	2-1/4		120 sxs 1 16 sxs to				· · · · · · · · · · · · · · · · · · ·
4	-1/2"			10.5		209	5	· · · 6	5-3/4"		300 sxs.5				
											37 sxs to		е		
29.	г	TOD (117)	LI	NER REC			1401/0 0				30			NG RECO	
N.A.		TOP (MD		BO	том (м	(ID) S	ACKS C	EMENT	SCREE	N (MD)	SIZE		DEPTH 15	SET (MD)	PACKER SET (MC
14.7 (.					•				 ;	•	1.3		- 13	01	14.7.
31. PERFORATION	RECOR)	(Inte	rval, size, a	and numi	ber)			32	ACID,	SHOT, FRA	CTUR	E, CEI	MENT, SQ	UEEZE, ETC.
	1600	-1606', 161			l'-1642	2'			DEPTH IN			Α	MOUNT	AND KIND	OF MATERIAL USED
		2 JSPI	F (54 h	oles)						1600	'-1642'	1		_	1/2% HCL acid
											,			3 bbls gel, bs 12/20 bl	36,390 SCF N2
	٠,					·			İ					Super HT 1	•
			<u> </u>]			
33.*						JCTION					 :	1			
DATE FIRST PROD	/10/99			PROI	DUCTIO	NMETHO	Flow		lift, pumpin	ig - size i	and type of p	imilwer	LSIAI	Produ	
DATE OF TEST		HOURS TESTE	D	llci	HOKE S	IZE I	PROD'N		OIL - BBL		GAS - MCF	 -	VATER -		GAS-OIL RATIO
12/2/99			24		3/8	L.	TEST PE	RIOD	0		464		1:		N.A.
FLOW TBG PRESS CASING PRESSURE CALCULATED OIL BBL GAS - MCF WATER - BBL OIL GRAVITY - API (CORR.) 135 0 24-HOUR RATE 0 464 12						PI (CORR.)									
34. DISPOSITION (OF GAS	Sold		ed for fuel,	vented, e	etc.)			L		TEST W	ITNESS	ED BY		
35. LIST OF ATTAC	CHMENTS		<u></u>	,										_	
1 hereby certify	that the fo	egoing and atta	ched infor	mation is c	omplete	and correc	t as dete	mined	from all ava	ilable re	cords				
SNED O	hruć	Hy Su	11101	no	<u>(C</u>	hristy S	errand	<u>)</u>	Pro	ductio	on Secret	ary	DA	TE 12-	1699
		- 0	*/\$	Instruct	ione a	nd Snac	aa faa f	dditio	- al Data	on Do	verse Side	`			

Title 18 U.S.C. 1001, makes 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

CONFIDENTIAL

								recoveries): FORMATION
								TOP
				.:				BOTTOM BOTTOM
•								RESIS, including depth interval tested, cusnion used, time tool open, nowing and sharing pours, and sharing
			Lewis	Kirtland Pictured Cliffs	Nacimiento Ojo Alamo	San Jose		NAME
						1583'	MEAS, DEPTH VERT DEPTH	ТОР

A THE THEORY

DEPAR BURFA

UNITED STATES		
TMENT OF THE INTERIOR		
LE OF LAND MANACEMENT	•	ı

FORM.	APPR	OVED

Budget Bureau No. 1004-0135

Expires March 31, 1993	
e Designation and Serial No.	

BUKEAU OF LAND MANA	AGEMENT	Expires March 31, 1993		
	5. Lease Designation and Serial No.			
SUNDRY NOTICES AND REPOR				
Do not use this form for proposals to drill or to deepen	6. If Indian, Allotte or Tribe Name			
Use "APPLICATION FOR PERMIT" I	Jicarilla Apache Tribe			
SUBMIT IN TRIPLICATE	7. If Unit or CA, Agreement Designation			
Type of Well Oil Well X Gas Well Other:	N/A			
Name of Operator		8. Well Name and No.		
Mallon Oil Company		Jicarilla 464 SJ No. 8		
Address and Telephone No.		9. Well API No.		
P.O. Box 2797 Durango, CO 81302	(970)382-9100	30-039-26234		
		10. Field and Pool, or Exploratory Area		
Location of Well (Footage, Sec., T., R., M., or Survey Description)		Cabresto Canyon; San Jose Ext.		
844' FSL and 1345' FWL		11. County or Parish, State		
ec. 29, T30N-R03W, Unit K		Rio Arriba, New Mexico		
	·			
CHECK APPROPRIATE BOX(S) TO INC	DICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE	OF ACTION		
Notice of Intent	Abandonment	Change of Plans		
	Recompletion	New Construction		
X Subsequent Report	Plugging Back	Non-Routine Fracturing		
	Casing Repair	Water Shut-Off		
Sinal Abandanment Nation		· ·		
Final Abandonment Notice	Altering Casing	Conversion to Injection		
	X Other: Spud Sundry	Dispose Water		
	1			

ribe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this zone.)*

Malon Oil Company spud the above referenced well on November 5, 1999 at 4:15 pm. Drilled 12-1/4" hole, 8-5/8" x 24 lb/ft surface casing was set @ 237.42. Cemented 120 sxs type 3 cmt. Circ 16 sxs to surface.

14. I hereby certify that the foregoing is true and correct		74 (9
Signed Chrusty Smans	Title <u>Production Clerk</u>	Date 11-15-99
(I) IS SPACE FOR FEDERAL OR STATE OFFICE USE)	_	
Approved B	Title	Date 12/20/5
Conditions of approval, if any:		

S. C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as as to any matter within its jurisdiction.

*See Instruction on Reverse Side

UNITED STATES Carra 3160.5 ECOM ADDDOVED DEPARTMENT OF THE INTERIOR Burtost Burama No. 1004 D119 BUREAU OF LAND MANAGEMENT Expires March 31, 1993 5 Lease Designation and Serial No. SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. 6. If Indian, Allotte or Tribe Name Use "APPLICATION FOR PERMIT -- " for such proposals Jicarilla Apache Tribe 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE N/A Oil Well X Gas Well 2. Name of Operator 8. Well Name and No. Mallon Oil Company Jicarilla 464 SJ No. 8 3. Address and Telephone No 9. Well API No. P.O. Box 2797 Durango, CO 81302 (970)382-9100 10. Field and Pool, or Exploratory Area 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Cabresto Canyon; San Jose Ext. 1844' FSL and 1345' FWL 11. County or Parish, State Sec. 29, T30N-R03W, Unit K Rio Arriba, New Mexico CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Abandonment Change of Plans Recompletion **New Construction** Subsequent Report Plugging Back Non-Routine Fracturing Casing Repair Water Shut-Off Final Abandonment Notice Altering Casing Conversion to Injection Other: TD Change Dispose Water Report results of multiple completion on Well Completion of Recompletion Report and Log form (Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this zone.)* Mallon Oil Company would like to request an amendement to the APD for the above referenced well. Mallon Oil Company would like to change the Total Depth to 2100'.

Title

Production Clerk

14. I hereby certify that the foregoing is true and correct

Signed

*See Instruction on Reverse Side



Date 10-27-99

FORM APPROVED Form - 160-1 UNITED STATES (Other instructions on OMB NO. 1004-0136 (July 1992) DEPARTMENT OF THE INTERIOR Expires February 28, 1995 reverse side) 5. LEASE DESIGNATION AND SERIAL NO. BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR DEEPEN **JIC 464** 1a. TYPE OF WORK 6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache X Deepen Drill TYPE OF WELL 7. UNIT AGREEMENT NAME N/A Oil Well Gas Well X Multiple Zone Single Zone 8. FARM OR LEASE NAME, WELL NO. 2. NAME OF OPERATOR Mallon Oil Company Jicarilla 464 SJ No.8 3. ADDRESS AND TELEPHONE NO. 9. API WELL NO. 30-039-P.O. Box 2797 Durango, CO 81302 (970) 382-9100 10. FIELD AND POOL, OR WILDCAT 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* L Cabresto Canyon, San Jose ext. 1844' FSL and 1345' FWL (NE/SW) Unit K At surface 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA At proposed prod. zone 1844' FSL and 1345' FWL (NE/SW) Unit K Sec. 29, T30N-R03W 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE * 12. COUNTY OR PARISH 13. STATE 51 miles east of Bloomfield, New Mexico Rio Arriba NM 17. NO. OF ACRES ASSIGNED 15 DISTANCE FROM PROPOSED 16. NO. OF ACRES IN LEASE 3729 LOCATION TO NEAREST TO THIS WELL 178 172.31 PROPERTY OR LEASE LINE, FT. 2,393 (Also to nearest drlg. unit line, if any) 20. ROTARY OR CABLE TOOLS 18. DISTANCE FROM PROPOSED LOCATION 19. PROPOSED DEPTH 100' 1800' TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. Rotary 7190' GR 08/01/99 21. ELEVATIONS (SHOW WHETHER DF, RT, GR, Etc.) 22. APPROX DATE WORK WILL START PROPOSED CASING AND CEMENTING PROGRAM 23 SIZE OF HOLE WEIGHT PER FOOT QUANTITY OF CEMENT GRADE, SIZE OF CASING SETTING DEPTH 12-1/4" 8-5/8" 24# -500 Circulate to surface 7-7/8" 4-1/2 14.7# 300 sks 50/50 Poz w/additives 1800 Ö Mallon Oil Co. proposes to drill this well to an approximate TD of 1800' in the San Jose formation. This well is placed on an existing well pad. Some additional pad extension may be required. The Jicarilla Oil and Gas Administration has waived any necessity of re-onsiting the well pad as long as any regulated. and Gas Administration has waived any necessity of re-onsiting the well pad as long as any required archaeology survey is submitted. Environmental assessment was previously submitted under the initial well APD. If productive, 4-1/2" casing will be cemented at TD. If non-productive, the well will be plugged and abandoned in a manner consistent with Federal regulations. Specific programs as per on-shore Oil and Gas Order No. 1 are outlined in the following attachments: **Drilling Program** Exhibit 1: Blow Out Preventor Equipment/Plan Exhibit D: **Drilling Site Layout** Exhibit A: Location and Elevation Plat Exhibit E: **Production Facilities** Exhibit B: Roads and Pipelines Exhibit F: **H2S Contingency Plan** Exhibit C: One Mile Radius Map Exhibit G: **Archaeology Report** IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give date on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. 24. TITLE: Operations Superintendent DATE 07/05/99 SIGNED: **Ferry Lindeman** (This space for Federal or State office use) PERMIT NO APPROVAL DATE Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon Sur fere CONDITIONS OF APPROVAL IF ANY

Title 18 U.S.C. Section 1001, makes 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.

NSL-4355 (D)

APPROVED BY

CONFIDENTIAL

*See Instructions On Reverse Side

Jicarilla 464 No. 8 SW/4 Section 29-30N-3W

3032939055

HEW MEXICO THE CONSERVATION COME TON WE LOCATION AND ACREAGE DEDICATION AT

MALLON DIL

Name control (1) a

PAGE 02

THE MO. JICARILLA 464 8 Oil Company Canaly K 3 W RIJ ARRIBA 29 N DE Agreed Protecte La 1850 South 1450 405 t -Crown Lord Clari Conticuted Ace 7197 160 Ext Cabresto Canvon: Ojo Alamo 1000 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lases is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and rayelty). 3. If more than one leave of different ownership is dedicated to the well, have the interests of all owners been consulidated by communitization, unitization, force-pooling, etc? Yes ! ☐ No If mawer is "yes," type of consolidation _ If answer is "no!" list the owners and tract descriptions which have actually been consolidated. (Use reverse oide of this form if necessary.)_ No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, aliminating such interests, has been approved by the Commis-79.90CH CERTIFICATION Position Mallon Oil Company z Sec. 29 3 1450 Į II 5

Form 3160-4 (July 1992)

FORM APPROVED OMB NO 1004-0137

OMB NO 1004-0137

Expires. February 28, 1995

								SE DESIGNATION AND	SERIAL NO	
WELL CO	MPLETION OR F	RECOMPLET	ION REPOR	TAND	LOG	*		Jic 464		
a. TYPE OF WELL	OIL WELL	GAS WEL X DF	RY OTHER		VIII DE Par	1741 (20		DIAN, ALLOTTEE OR 1 arilla Apache	TRIBE NAME	
b TYPE OF COMPLETION							7 UNIT	AGREEMENT NAME		
	ORK DEEP-	PLUG	DIFF	GR AP	5 23	AH []: (- N	1/A		
WELL OV	ER EN	BACK BACK		98 AP			_	M OR LEASE NAME, W	VELL NO	
2 NAME OF OPERATOR			i),	in ALI	BUQUE	RQUE. P	Ny Jic	arilla 464 No. 8		
	Mallon Oil Co	ompany					9. API V	VELL NO		
3 ADDRESS AND TELEPHO	ONE NO						30-	039-24253		
	P.O. Box 325	6, Carlsbad,	NM 88220	(505)	885-4	596	10. FIEI	D AND POOL, CR WII	LDCAT	
4 LOCATION OF WELL		arly and in accordan		auirement	5 7		Cabre	esto Canyon; O	io Alamo Ext	
	FSL, 1450' FWL	=		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,			. T., R., M., OR BLOC		
At Surface 1000	1 01, 1400 1 441	. (142 044) 011	it ix				OR ARE		CK AND SORVET	
At top prod interval repo	rted below . 1850'	FSL, 1450' F\	WL (NE SW)	Unit K	•		1 -	c. 29, T30N-R3	W	
40501	501 44501514II	A15 0140 11					-			
At total depth 1850'	FSL, 1450' FWL	. (NE SW) Un	ITK 114. PERMI N/A	T NO.	DATE IS:		Rio A	INTY OR PARISH rriba	13. STATE NM	
15. DATE SPUDDED	16. DATE TD	REACHED 17. DA	TE COMP (Ready)	to Prod.)	18. ELE	VATION (DF.	RKB. RT.	GR, ET 19. ELEV. CA	SINGHEAD	
10/10/88	10/15/8	I .	/28/98			7197' GL			N/A	
20. TOTAL DEPTH, MD & TV		BACK TO, MD & T	D 22. IF MULTIP		. 23. 11	VIERVALS		ROTARY TOOLS	CABLE TOOLS	
			HOW MAN		'	DRILLED BY				
4200'	36			<u>/A</u>		<u> </u>	,	Yes	N/A	
24. PRODUCING INTERVAL	(S), OF THIS COMPLET	ON - TOP, BOTTOM	, NAME (MD AND	TVD")			25. WA	S DIRECTIONAL SURV	YEY MADE	
3256'-3308'	Ojo Alamo							N/A		
26 TYPE ELECTRIC AND O		· · · · · · · · · · · · · · · · · · ·					127 \	VAS WELL CORED		
Existing	THE RESOURCE						' '	N/A		
28.		CASIN	IG RECORD	(Repo	ort all s	strinas se	t in we			
CASING SIZE/GRAD	E WEIGHT L			LE SIZE				ENTING RECORD	AMOUNT PULLED	
Existing										
			<u> </u>			T		7110110	10000	
29		ER RECORD				30		TUBING RE		
N/A	TOP (MD	BOTTOM (MD)	SACKS CEMENT	SCRE	EN (MD)	2-3/8	!" 	DEPTH SET (MD)	PACKER SET (MC	
14/7						2-5/0	'	3002	3093	
31. PERFORATION RECORD) (Interval	size, and number)		32		ACID. SHO	T FRAC	CTURE, CEMENT.	SQUEEZE ETC	
	,				H INTERV			MOUNT AND KIND OF		
3256'-3308' 4 j	spf 208 holes				-3 <u>308'</u>		2500 gals of 7-1/2 % acid			
				-				ac 58,000 lbs sand		
				ł						
CIBP 3690'										
	······································			<u>. l</u>						
33 -		PRODUC		4			_iii	OTAT (C. :	0:	
DATE FIRST PRODUCTION	ļ ^F	RODUCTION METH	O (Flowing, gas li	ft, pumping	j - size an	d type of pur	p) WELI	STAT (Producing or	Shut In)	
1/28/98		Flowing			 	242		Producing		
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR	OIL - BE	SL 1	GAS - MC	- 1	ATER - BBL	GAS-OIL RATIO	
4100100		2.55	TEST PERIOD	-	- 1			20		
1/26/98	24	3/8"		0		1492		30	N/A	
FLOW TBG PRESS	CASING PRESSURE	CALCULATED	OIL - BBL	GA I	S - MCF	WATER	R - BBL	OIL GRAVITY - API (C	CORR.)	
460	0 24-HOUR RATE 0 1492 3				30		N/A			
34. DISPOSITION OF GAS	(Sold, used for	fuel, vented, etc.)	to ton rec	D _{GD}		TEST V	VITNESSE			
Sold			10 EU	 	······		 	Kisor		
35. LIST OF ATTACHMENTS	$\langle L \rangle$	~ ACCE	•						1 1	
36. I hereby certify that the fo	regoing and attached info		and correct as deter	rmined fror	n all availa	able records		. 17	h /= 1	
SIGNED .	TA, A	1/11/11) _	Produ	iction	Analyst		DATE 4/	NOD	
SIGNED ,	yes 14	MIX		- 1000	2000117	r artary St		DATE //	910	
	/ // /*	See Instruction	s and Snaces f	or Addit	ional D	ata on Per	arsa Si	- 	/	

	TRUE VBRT, DEPTH	. N.				•	
101	MEAS, DEPTII	3244'	3488	3652'	3771'	38651	
	нане	Ojo Alamo	Kirtland	Fruitland	Pictured Cliffs	Lewis	
to compiled, compress, FTC.							
HOLLINA							
.1611							
LORMANION							

Form 3160-4 (November 1983) (formerly 9-330)

UNIT > STATES

SUBMIT IN DUPLICAT.

DEPARTMENT	OF	THE	INTERIOR
BUREAU OF L	AND	MANAG	EMENT

(Sec other Instructions on reverse side)

a orm approved.	
Budget Bureau No. Expires August 31,	1004-013 1985

	BUR	EAU OF LAN) MANAGEMEI	N I						Contract 464
WELL CON	MPLETION (OR RECOM	PLETION F	REPOR	TAN	LOG	*			Apache Tribe
A. TYPE OF WELL		(-) (-) (V		Other				7. UNIT AGRE		
b. TYPE OF COMP										
	WORK DEEP	nvck [DIFF. EESVR.	Other				S. FARM OR I		
2. NAME OF OPERATO	•							Jicari	lla /	164
KObert L 3. ADDRESS OF OPER	. Bayless	-						-	0	
	168, Farmi	ngton NM	87400					10. FIELD AN	B D POOL,	OR WILDCAT
4. LOCATION OF WEL	i. (Report location	clearly and in ac	cordance with an	y State re	quirement	8) •		East B	lance	P.C.
At surface	1850' FS	L & 1450'	FWL					11. SEC. T., F	1., M., OI	BLOCK AND BURVEY
At top prod. inte	rval reported belo	w same								
At total depth		same						Sectio	n 29	, T30N, R3W
		ouc	14. PERMIT NO.		DATE	ISSUED		12. COUNTY O)R	13. STATE
,	•							Rio Ar	NM	
5. DATE SPUDDED	16. DATE T.D. REA	CHED 17. DATE	COMPL. (Ready to	o prod.)	18. ELEV	ATIONS (DE	RKB,	RT, GR, ETC.)*	19. EI	EV. CASINGHEAD
10/10/88 0. TOTAL DEPTH, MD 4	10/15/8		11/25/88	<u></u>		' GL;	7209	RKB ROTARY TOO		CABLE TOOLS
	21. PLUG,	BACK T.D., MD & T	VD 22. IF MUL.	ANT®	art.,		ED BY	1 1001 KG 1001	LS	CABCS TOOLS
4200'	VAL(S), OF THIS CO	4147' OMPLETION—TOP.	BOTTOM, NAME (N	AD AND TY	VD) *	!	>	<u> 0 - TD</u>		WAS DIRECTIONAL
			,							SURVET MADE
Pictured C.	liffs 3778	- 4043								No
. TYPE ELECTRIC A	ND OTHER LOGS RU	N							27. WA	S WELL CORED
IEL - FDO	C - CNL									No
CASING SIZE	WEIGHT, LB./FT		G RECORD (Rep	ort all str	rings set is		ENTING	RECORD		AMOUNT PULLED
					1 . =				<u>_</u> -	
<u>8-5/8"</u> 4-1/2"	24.0#/ft 10.5#/ft			2-1/4" 7-7/8"	100	SX (1	<u>/1 I</u> 06 f	t3) Class	B	/ <mark>2% CaCl₂</mark> /2% Econolite
/-	10.57/16		- NB	, ,,,						21 ft ³) 50/50
										1/4# flocele
). 	L	INER RECORD				30.		TUBING RECO		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT®	SCREEN	(MD)	SIZE	 -	DEPTH SET (M		PACKER SET (MD)
						2-3/8	"- -	4023' KB		none
. PERFORATION REC	ORD (Interval, size	and number)		32.	AC	ID. SHOT.	FRAC	TURE, CEMENT	r sour	EZE. ETC.
JSPF: (P.	C. $w/3-1/8$	" gun)	2 JSPF:		INTERVAL			MOUNT AND RIN		
778-3802 - 2 805-3821 - 1	17 holes	3962-3966 4006-4013		377	8 - 40)43	500	gal. 7 1/	2% D	L weighted HC
829-3840 - 1 842-3851 - 1	l2 holes	4018-4022 4025-4029					acid	w/961.1	s.g	. RCN ball
042 3031 .		4037-4043	- 13 holes							al. 70 qualit
3.*		(.34" di		DUCTION		!		w/77,000		
ATE FIRST PRODUCTION	ON PRODUC	TION METHOD (F	lowing, gas lift, p			ype of pum			STATUS	(Producing or
12/5/88		flowing							t-in) prodi	ucing
TE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR	OIL-B	BL.	GAS-MC	F.	WATER-BBL		JAS-OIL RATIO
12/4/88	3	3/4"				316		-0-		N/A
LOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE		G/	ASMCF.	ı	WATER		OIL GR	AVITY-API (CORR.)
150 Indicate of the state of th	520	uel vented etc.)	1 -0-		2524			O-	SED SY	N/A
	, , ,)	,						_		
Vented	IENTS			 				ı Davı	d Ba	<u> </u>
-										
6. I hereby certify	that the foregoing	and attached fin	formation is comp	lete and	correct as	determine	d from	all available r	ecords	
SICNES /	em U.	Myon	TITLE[Petro1	eum Er	Igineer		*	. 1	2/19/88
SIGNED			_ TITLE	CCLUI	- will 17 I	. <u>~~</u>		DATE	· ·	-1-1100

~	r r r r al	TOP	NAME MEAS, DEPTH VERT, DEPTH	0 3253	τ	liffs 3770							
Bas Ojo Alamo Kirtland Fruitland Pictured Pictured	water water water striland natural gas Pictured Pictured	T	MEAS, DEPTH	3253	3489		 ······						
~	water water natural 8				τ	Pictured Cliffs						٠.	
		DESCRIPTION, CONTENTS, ETC.		iter									
3253 3489 3727 3770 4		FORMS LION			Fruitland Coal) 4 4 4	 		 	<u>-</u>			

Jicarilla 464 SJ No. 7 NW/4 Section 29-30N-3W

ISTRICT 1 .O. Box 1980, Hebbs, N.M. 08241-1980

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised February 21, 1004
Instructions on back
Submit to Appropriate District Office

State Lease - 4 Copies
Fee Lease - 3 Copies

Drever pp. Artesia, N.M. 88211-0719
Ricci M
200 Rio Brazas Rd., Axtec, N.M. 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API	Number -			Pool Code 95822		Cat	oresto Cany	Pool Heme on; San J	ose ext.	
Property Co	ode .					perty ?	Yamo			fall Humber 2
			MONITOR TO THE STATE OF THE STA							
OGRID Ho			-			Operator Name Flevation ON OIL COMPANY 7240'				
· · · · · · · · · · · · · · · · · · ·	,!				10 Sur	face	Location			
UL or lot no.	Section	Township	Range	Lot ldn	Feet from		North/South line	Feet from the	East/West line	County
ם	29	30-N	3-W		1282		NORTH	1152	WEST	RIO ARRIBA
			11 Bolte	om IIole	Locat	ion (f Different Fr	om Surface		
UL or lot no.	Seatlan	Township	Range	lot Idn	Feet from		North/South line	Fast from the	East/West line	County
		'	-							
Dodlanted Acre			19 Joint or	infill	14 Consolie	lation (Code	¹⁸ Order No.		
169			Į					l		
	ABIE W	יום נווו	SSICNET	ייי איני	IS COM	יותיון זכ	ON UNTIL ALL	INTERPRETE I	IAVE BEEN C	ONSOLIDATIED
HO ALLON	AUTH A	ORAI	10N-STA	NDARD	UNIT II	S BI	SEN APPROVER	BY THE DE	VISION	OLYGOUN.HELMID
SEC. CORNER				7 B	C. CORNER	1		1		
FD. U.S.G.L.O. BC. 1917		N 80-58-21 2038.5' (M)	FD. U.S.	0.L.O.	1		17 0	PERATOR CE	RTIFICATION
BC. 1917) BC. 19	17	1			fy that the information plate to the best of my	
	_ } }					1		3,112 33/11	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
at .	1282'									
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#0.464	91 87 A	.484 [7								
1./22		JIC. 464 S.I	7 #2							
•		WELL FLAG		1			ı.		()	
								Signature	Mary Mary	
3		1				1		Terry	Lindeman	<u>, </u>
				}				Printed N		
577.5°								Tule	ions Super	<u>cintende</u> nt
3 3				20				Janua	ry 24, 201	00
lul .		<u>-</u>	,	29 —				Date		
8-8- 8-8								ia SU	RVEYOR CEI	RTIFICATION
ដ									ly that the well locati from field notes of acts	
ಶ z									motoriston-and-that	
		•						postess to the	Harles Hall Children	
								1 1-/	13/16/10/00 Ed	1921
· · · · · · · · · · · · · · · · · · ·								Data of h		3
1								Elgnatur	Hod Seal (al Chi Gyen)	rel garae lou:
								1/1	A CONTRACTOR	
		ļ					1		MALTAN	
SEC. CORNER									8894	,
FD. U.S.U.L.D. BQ. 1917								Certificate		V - 00 - 701, L
}			· · · · · · · · · · · · · · · · · · ·				J		<u> </u>	

UNITED STATES SUBMIT IN DUT FORM APPROVED Form 3160-4 **DEPARTM** OF THE INTERIOR (July 1992) OMB NO 1004-0137 BUREAU OF LAND MANAGEMENT Expires: February 28, 1995 on reverse side) 5. LEASE DESIGNATION AND SERIAL NO. WELL COMPLETION OR RECOMPLETION REPORT AND LOG JIC 464 6. IF INDIAN, ALLOTTEE OR TRIBE NAME TYPE OF WELL GAS Jicarilla Apache WELL WELL X DRY OTHER TYPE OF COMPLETION 7. UNIT AGREEMENT NAME N/A PLUG DIFF NEW WORK DEEP-RESVR 8. FARM OR LEASE NAME, WELL NO. WELL OVER **BACK** X Jicarilla 464 SJ No. 7 2. NAME OF OPERATOR Mallon Oil Company 9 APIWELL NO 30-039-26244 3. ADDRESS AND TELEPHONE NO. 999 - 18th St., Suite 1700, Denver, CO 80202 303-293-2333 10. FIELD AND POOL, OR WILDCAT Cabresto Canyon, San Jose '(Report location clearly and in accordance with any State requirements *) 4. LOCATION OF WELL 1177' FNL and 1116' FWL (NW NW), Unit D 11. SEC., T., R., M., OR BLOCK AND SURVEY At surface OR AREA 1177' FNL and 1116' FWL (NW NW), Unit D Sec. 29-T30N-R03W At top prod. interval reported below 1177' FNL and 1116' FWL (NW NW), Unit D 14. Permit No. 12. COUNTY OR PARISH 13. STATE At total depth Date Issued N/A N/A Rio Arriba MM 18. ELEVATION (DF, RKB, RT, GR, ET 19. ELEV. CASINGHEAD 15. DATE SPUDDED 16. DATE TO REACHED 17. DATE COMP (Ready to Prod.) 7244' 11/25/99 11/28/99 12/19/99 7243' 20. TOTAL DEPTH, MD & TVD 1. PLUGBACK TO, MD & TVD 22. IF MULTIPLE COM INTERVALS ROTARY TOOLS CABLE TOOLS HOW MANY DRILLED BY 2100' 2054 N/A Yes 24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD*) 25. WAS DIRECTIONAL SURVEY MADE 1701'-1720', Cabresto Canyon, San Jose Yes 26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED **GR-CCL** No CASING RECORD (Report all strings set in well) 28 CASING SIZE/GRADE DEPTH SET (MD) TOP OF CEMENT, CEMENTING RECORD WEIGHT LB/FT HOLE SIZE AMOUNT PULLED 8-5/8" 24# 238.17^r 12-1/4" cmt 130 sx Type 3 cmt circ 26 sxs to surface 4-1/2" 6-3/4" 11.60# 2099.78 cmt 300 sx Type 3 cmt circ 37 sx to surface LINER RECORD TUBING RECORD SIZE TOP (MD BOTTOM (MD) SACKS CEMENT SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET(MD) 2-3/8 N.A. 1696.79 31. PERFORATION RECORD ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. (Interval, size, and number) DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 1701'-1270' , 2 JSPF (38 holes) 1701'-1720' acidize 1500 gal 7-1/2, HCL Cabresto Canyon, San Jose frac 29 880# 12/20 Brady sand with 4000#8/14 Flex sand PRODUCTION 33 ' (Prodûcing or Shut In) WELL STAT DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Z Shut In N/A DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N FOR OIL - BBI GAS - MCF WATER: BBL GAS-OIL RATIO 12/21/99 3/8" TEST PERIOD 24 0 200 24 N/A WATER - BBL FLOW TBG PRESS CASING PRESSURE OIL - BBL GAS - MCF OIL GRAVITY - API (CORR.) CALCULATED

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

Shut In

50

T OF ATTACHMENTS

34. DISPOSITION OF GAS

SIGNED

(Sold, used for fuel, vented, etc.)

Engineering Technician

24

TEST WITNESSED BY

D. Stagner

200

N/A

n

(Linda Wilkins)

24-HOUR RATE

حما	1	1	.	./					
		TRUE VERT DEPTH							
GEOLOGIC MARKERS	TOP	MEAS. DEPTH	1625						
	NAME	1	L. San Jose						
of porosity and contents thereof; cored intervals; and all time tool open, flowing and see pressures, and	DESCRIPTION, CONTENTS, ETC.								
important zones of poi, cushion used, time	ВОТТОМ				-				
NES: (Show all th interval tested	TOP			·					
37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents there drill-steeps), including depth interval tested, cushion used, time tool open, flowing and strecovers:	FORMATION								

Form 3160-5 (JANAE 1990)

UNITED STATES BU

FORM APPROVED

Budget Bureau No	1004-0135

DEFAR IMENT OF THE INTERIOR		. Bridder Brieder Mg 1004-0133
JREAU OF LAND MANAGEMENT		Expires March 31, 1993
•	•	5. Lease Designation and Serial No.

SUNDRY NOTICES AND REPO	RTS ON WELLS	Jic 464
Do not use this form for proposals to drill or to deeper	n or reentry to a different reservoir.	6. If Indian, Allotte or Tribe Name
Use "APPLICATION FOR PERMIT"	for such proposals.	Jicarilla Apache Tribe
SUBMIT IN TRIPLICATE		7. If Unit or CA, Agreement Designation
1. Type of Well		N/A
Oil Well X Gas Well Other:		TWO
2. Name of Operator Mallon Oil Company		8. Well Name and No. Jicarilla 464 SJ No. 7
3. Address and Telephone No.	(070)000 0400	9. Well API No.
P.O. Box 2797 Durango, CO 81302	(970)382-9100	30-039-76244
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		10. Field and Pool, or Exploratory Area Cabresto Canyon; San Jose Ext.
1177' FNL and 1116' FWL (NW NW) Unit D		11. County or Parish, State
Sec. 29, T30N-R03W		Rio Arriba, New Mexico
12. CHECK APPROPRIATE BOX(S) TO INC	DICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE	OF ACTION
Nation of Intent	Abandonment	Change of Plans
Notice of Intent	1 ====	
	Recompletion	New Construction
X Subsequent Report	Plugging Back	Non-Routine Fracturing
•	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	X Other: Spud	Dispose Water
		(Note: Report results of multiple completion on Wulf
	<u> </u>	Completion or Recompletion Report and Log torin)
Pescribe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates		If well is directionally drilled, give
subsurface locations and measured and true vertical depths for all markers and zones pertin	nent to this zone.).*	
Mallon Oil Company and the above referenced	wall on Navamban 25, 4000 at	40.00
Mallon Oil Company spud the above referenced		
Drilled 12-1/4" hole, 8-5/8" x 24 lb/ft suface casin	ig was set at 238. Cemented	130 sxs Type 3 cmt,
circulated 26 sxs to surface.	•	. in
		, CD
		F th
		\$13 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
		물 등
	:	
,		e e e
		on Co
		الاراد مرسة
14. Thereby certify that the foregoing is true and correct		•
Signed Christy Sevano	Title <u>Production Clerk</u>	Date 12-1-99
INS SPACE FOR FEDERAL OR STATE OFFICE USE)		
- ~ `	\circ	
Approved B	Title Vatro E-1	Date 10/15/15
Conditions of approval, if any:	J	Date
SOMETHORS OF APPROVAL, IT BITY.	• •	
	•	

18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as uny matter within its jurisdiction.

*See Instruction on Reverse Side

CONFIDENTIAL

UNITED STATES FORM APPROVED DEPARTMENT OF THE INTERIOR Budget Bureau No. 1004-0135 BUREAU OF LAND MANAGEMENT Expires March 31, 1993 5. Lease Designation and Serial No. SUNDRY NOTICES AND REPORTS ON WELLS Jic 464 Do not use this form for proposals to drill or to deepen or reentry to a different reservoir 6. If Indian, Allotte or Tribe Name Use "APPLICATION FOR PERMIT -- " for such proposals Jicarilla Apache Tribe SUBMIT IN TRIPLICATE 7. If Unit or CA, Agreement Designation 1. Type of Well N/A Oil Well X Gas Well 8. Well Name and No. 2. Name of Operator Mallon Oil Company Jicarilla 464 SJ No. 7 9. Well API No. 3 Address and Telephone No P.O. Box 2797 Durango, CO 81302 (970)382-910010. Field and Pool, or Exploratory Area 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Cabresto Canyon; San Jose Ext. 1177' FNL and 1116' FWL 11. County or Parish, State Sec. 29, T30N-R03W Unit D Rio Arriba, New Mexico CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION l x i Notice of Intent Abandonment Change of Plans Recompletion New Construction Subsequent Report Plugging Back Non-Routine Fracturing Casing Repair Water Shut-Off Final Abandonment Notice Altering Casing Conversion to Injection Other: TD Change Dispose Water Completion or Recompletion Report and Log lorm) cribe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this zone.)* Mallon Oil Company would like to request an amendement to the APD for the above referenced well. Mallon Oil Company would like to change the Total Depth to 2100'. 14. Thereby certify that the foregoing is true and correct Title Production Clerk Signed THIS SPACE FOR FEDERAL OR STATE OFFICE USE. Petro. C-Title Approved B

. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictilious or fraudulent statements or representations as natter within its jurisdiction.

Conditions of approval, if any

*See Instruction on Reverse Side

Form 3160 5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED

Budget	Bureau No.	1004-0135

Dudger Dareda (40. 1004-013

SUNDRY NOTICES AND REPO	PTS ON WELLS	5. Lease Designation and Serial No.
Do not use this form for proposals to drill or to deeper Use "APPLICATION FOR PERMIT"	n or reentry to a different reservoir.	6. If Indian, Allotte or Tribe Name Jicarilla Apache Tribe
SUBMIT IN TRIPLICATE		7. If Unit or CA, Agreement Designation
1. Type of Well Oil Well X Gas Well Other:		N/A .
2. Name of Operator		8. Well Name and No.
Mallon Oil Company		Jicarilla 464 SJ No. 7 9. Well API No.
3. Address and Telephone No. P.O. Box 2797 Durango, CO 81302	(970)382-9100	
4. Location of Well (Foolage, Sec., T., R., M., or Survey Description)		10. Field and Pool, or Exploratory Area Cabresto Canyon, San Jose Ext.
1204' FNL and 1267' FWL		11. County or Parish, State
Sec. 29, T30N-R03W Unit D	·	Rio Arriba, New Mexico
CHECK APPROPRIATE BOX(S) TO INE	DICATE NATURE OF NOTICE, REPOR	T, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OI	FACTION
X Notice of Intent	Abandonment	Change of Plans
;	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	X Other: Footage Change	Dispose Water
		(Note: Report results of multiple completion on Well
escribe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates	including estimated data of stadio-	Completion or Recompletion Report and Log form)
subsurface locations and measured and true vertical depths for all markers and zones pertin		· co
Mallon Oil Company requests a footage change	of the well bore to	87 X X X X X X X X X X X X X X X X X X X
1177' FNL and 1116' FWL		
The new wellbore is still located on the original	pad, but was moved to avoid un	derground
pipelines that pass through the existing well pac	 As before there will be no nev 	v surfaces 🦰 💆
disturbance.		₩ (3)
•		,
4. I hereby certify that the foregoing is true and correct		
(Thursday Sangar		11 1/ CO
Signed VVJV SVIVI	Title <u>Production Clerk</u>	Date 11-16-99
INS SPACE FOR FEDERAL OR STATE OFFICE USE)	,	
	Dan E	2. 1.1.2166
Approved B	Title 18 7 8 7 8 7 8	Date 11/27/
the contract of the contract o		

e 18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations

*See Instruction on Reverse Side

CONFIDENTIAL

Form 3160-3 (July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR

SUBMIT IN TRIPLICATE

FORM APPROVED

01.0.10.1001010

OMB NO.	1004-013
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reverse side) Expires February 28, 1995 5. LEASE DESIGNATION AND SERIAL NO. BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR DEEPEN JIC 464 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 1a. TYPE OF WORK Jicarilla Apache Orill X Deepen 7. UNIT AGREEMENT NAME b TYPE OF WELL X Oil Well Gas Well Other Single Zone Multiple Zone 8. FARM OR LEASE NAME, WELL NO 2. NAME OF OPERATOR Mallon Oil Company Jicarilla 464SJ No. 7 3. ADDRESS AND TELEPHONE NO. P.O. Box 2797 Durango, CO 81302 (970) 382-9100 10. FIELD AND POOL, OR WILDCAT 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface 1204' FNL and 1267' FWL (NW/NW) Unit D Cabresto Canyon, San Jose ext. 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA At proposed prod, zone 1204 FNL and 1267 FWL (NW/NW) Unit D Sec. 29, T30N-R03W 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 12. COUNTY OR PARISH 13. STATE 50 miles east of Bloomfield, New Mexico Rio Arriba 15. DISTANCE FROM PROPOSED . 16. NO. OF ACRES IN LEASE 17. NO. OF ACRES ASSIGNED 1204 LOCATION TO NEAREST TO THIS WELL 169 /60 2,393 PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 18. DISTANCE FROM PROPOSED LOCATION 19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS 100 1800' TO NEAREST WELL, DRILLING, COMPLETED. OR APPLIED FOR, ON THIS LEASE, FT Rotary 21. ELEVATIONS (SHOW WHETHER DF, RT, GRZE) *23*243' GR 22. APPROX.DATE WORK WILL START 08/15/99 PROPOSED CASING AND CEMENTING PROGRAM 23 GRADE, SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT SIZE OF HOLE 12-1/4" 8-5/8 24# 500' Circulate to surface 7-7/8" 4-1/2" 14.7# 1800' 300 sks 50/50 Poz w/additive: allon Oil Co. proposes to drill this well to an approximate TD of 1800 in the San jose formation. This well is placed on an existing well pad. Some additional pad extension may be required. The Jicarilla oil and Gas Administration has waived any necessity of re-onsiting the well pad as long as any required archaeology survey is submitted. Environmental assessment was previously submitted under the initial well APD. If productive, 4-1/2" casing will be cemented at TD. If non-productive, the well will be plugged and abandoned in a manner consistent with Federal regulations. Specific programs as per on-shore Oil and Gas Order No. 1 are outlined in the following attachments: Drilling Program Blow Out Preventor Equipment/Plan Exhibit 1: Exhibit D: Drilling Site Layout Exhibit A: Location and Elevation Plat Exhibit E: **Production Facilities** Roads and Pipelines Exhibit B: Exhibit F: **H2S Contingency Plan** Exhibit C: One Mile Radius Map Exhibit G: Archaeology Report IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any 24 TITLE: Operations Superintendent 07/16/99 SIGNED: DATE l erry Lindeman (This space for Federal or State office use) PERMIT NO APPROVAL DATE Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon CONDITIONS OF APPROVAL

e 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States my false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instructions On Reverse Side

an Co

CONFIDENTIAL

Jicarilla 464 No. 7 NW/4 Section 29-30N-3W

DISTRICT I P.O. Box 1980, Hobbs, N.M. 88241-1980

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised Febuary 21, 1994 Instructions on back

MAMENDED REPORT

Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

P.O. Drawer DD, Artesia, N.M. 88211-0719 BTRICT III 000 Rio Brazos Rd., Aztec, N.M. 87410

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, NM 87504-2088

DISTRICT IV PO Box 2088, Santa Fe, NM 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

		- 11	WELL LOCATION AND ACREAGE DEDICATION I LAT								
	Number		ŀ	Pool Code				³ Pool Nam			
30-039-	-24301	-00-00		97037	/		CABR	ISTO CANYO	ON TER	TIARY	
Property C	ode				Pro	perty	Name			• W	ell Number
204	69				JIC	ARILL	A 464				7
OGRID No).				•0p€	Operator Name Elevation					
1392	5				MALLON	OIL (COMPANY			72	242'
					10 Surf	ace	Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from	the	North/South line	Feet from the	East/We	st line	County
<u>D</u>	29	30-N	3-W		1190		NORTH	1194	WEST		RIO ARRIBA
	•		11 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 Coun								County
Dedicated Acre	es la Joint	or Infill 14 C	onsolidatio	n Code 15	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

. U.S.G.L.O. C. 1917	S 89-58-21 W 2636.5'	FD. U.S.G.L.O. BC. 1917	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief
1194'			- Althe
5572.72*	2	29	Signature ROBERT BLAYLOCK Printed Name DISTRICT MANAGER Title 12 (6 0) Date
N 0-03-45 E			18 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 me files.
			Date of Survey Signature and Sho of Protesting Surveyors OFFICE STIGNAL 8894
FD. U.S.G.L.O. BC. 1917			POLESSIONAL LANGO

Form 3160-4 (July 1992)

UN ED STATES DEPARTMENT OF THE INTERIOR BURGALLOG LAND MANAGEMENT

SUBMIT IN DUPLICA (See other instructions FORM APPROVED OMB NO. 1004-0137

	BUREA	U OF LAND MANA	AGEMENT		on reverse side)		ebruary 28, 1995
WELL C	OMPLETION O	R RECOMPLET	ION REPOR	T AND LC)G *	5. LEASE DESIGNATION AND Jic464	J SERIAL NU.
a. TYPE OF WELL	OIL	GAS		· · · · · <u>- · · - · - · - · - · - · · - · · · ·</u>		6. IF INDIAN, ALLOTTEE OR	TRIBE NAME
TYPE OF COMPLETE	WELL	WELL[X] D	RY OTHER			Jicarilla Apache 7. UNIT AGREEMENT NAME	
b. TYPE OF COMPLETI	ON WORK DEEF	P. PLUG	DIFF			N/A	
	OVER EN	BACK	RESVR	OTHER	Recompletion	8. FARM OR LEASE NAME, V	VELL NO.
2. NAME OF OPERATOR						Jicarilla 464 No. 7	
	Mallon Oil	Company	···			9. API WELL NO.	
3. ADDRESS AND TELEP						30-039-24301	
		256, Carlsbad,		(505) 88	35-4596	10. FIELD AND POOL, OR W	
4. LOCATION OF WELL		clearly and in accordar	=		D	Cabresto Canyon,	
At surface	118	0' FNL and 119	O FVVL (INVVI	vvv), Onic	D	11. SEC., T., R., M., OR BLOO OR AREA	CK AND SURVEY
At top prod. interval re		0' FNL and 119	0' FWL (NW/N	VW), Unit	D	Sec. 29, T30N-R0	3W
At total depth	noon	When-	14. PERMI	T NO. DA	TE ISSUED	12. COUNTY OR PARISH	13. STATE
·	recon		N/		N/A	Rio Arriba	NM
15. DATE SPUDDED	1		TE COMP (Ready t			RKB, RT, GR, ET 19. ELEV. CA	SINGHEAD
11/26/88 20. TOTAL DEPTH, MD &		1/88 1/21, LUGBACK TD, MD & T			7238' 23. INTERVALS	7239'	CABLE TOOLS
			HOW MANY	/*	DRILLED BY		
4215'		3701'	N/			Yes	N/A
24. PRODUCING INTERV	, ,,		•			25. WAS DIRECTIONAL SUR	VEY MADE
3286' - 3334'		Cabresto Canyo	n, Ojo Alamo	Ext.		Yes	
26. TYPE ELECTRIC AND	OTHER LOGS RUN					27. WAS WELL CORED No	
28.		CASI	NG RECORD	(Report	all strings set		
CASING SIZE/GRA	NDE WEIGH	T LB/FT DEPTH S	SET (MD) HOL	E SIZE	TOP OF CEME	NT, CEMENTING RECORD	AMOUNT PULLED
Existing							
							
29.		INER RECORD	Tours of usus		30.	TUBING RE	
N/A	TOP (MD	BOTTOM (MD)	SACKS CEMENT	SCREEN	(MD) SIZE 1.9	DEPTH SET (MD) 3151'	PACKER SET (MD
			<u> </u>				
31. PERFORATION RECO		ral, size, and number)		32	ACID, SHO	T, FRACTURE, CEMENT	, SQUEEZE, ETC.
3286' - 3334' 4 jsp	of (192 holes)		DEPTH !	INTERVAL (MI		AMOUNT AND KIND OF	MATERIAL USED
CIBP 3701' Cabi	esto Canyon, Ojo	Alamo Evt		3286-33	34	3300 gals acid frac 36,600 lbs. San	Н
OID! O701 Odo!	coto odinjen, oje	Mamo Ext.		1		1100 00,000 103. 0411	•
33.*		PRODUC	TION	<u> </u>			
DATE FIRST PRODUCTION	V	PRODUCTION METH		t, pumping - si	ze and type of pum	D) WELL STATI (Producing or	Shut In)
1/22/98		Flowing				Producing	· .
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR	OIL - BBL	GAS - MCF	1	GAS-OIL RATIO
1/17/98	24	3/8"	TEST PERIOD	0	2074	20	
FLOW TBG PRESS	CASING PRESSUR	E CALCULATED	OIL - BBL	GAS - N			CORR.)
645	0	24-HOUR RATE	0	20	74 15	N/A	
34. DISPOSITION OF GAS	(Sold, used	for fuel, vented, etc.)	L			/ITNESSED BY	
Sold 35. LIST OF ATTACHMENT	rs	···	CCEPTED FOR	RECORD	Kis	UI	
I hereby certify that the		<u> </u>	CCELLED .				
A .	•		and correct as deter			a	100
SIGNED CHYW	Hy Serre	mo		Produc	tion Secr	etary DATE 10-17	-48

Form 3160-4 (November 1983) (formerly 9-330)

UN! _D STATES

SUBMIT IN DUPLICA

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

DEPARTMENT	OF	THE	INTERIOR
BUDEALLOGI	AND	MANAG	FMENT

(Sec other instructions on reverse side)

		BURE	AU OF LAI	ID MAI	NAGEME	NT				Jicar	i11a	Contract 464	
WELL CO	MPL ET	TION C	OR RECO	MPLE	TION F	REPORT	I AN	D LO	G *	6. IF INDIAN	i. ALI	OTTEE OR TRIBE NAME	
1a. TYPE OF WEL		015.	GAS WELL							Jicar		Apache Tribe	
b. TYPE OF COM	PLETION	WELL	WELL L	ΔJ	DRY L	Other				1			
NEW X	WORK OVER	DEEL	DACK [] PI	SVR.	Other				S. FARM OR	I.K.ASI	E NAME	
2. NAME OF OPERA										- Jicar:	illa	464	
Rol	bert L	. Bayle	ss							9. WELL NO.			
3. ADDRESS OF OPE	RATOR	· · · · · · · · · · · · · · · · · · ·									7		
P.(D. Box	168, F	armingto	n, NM	87499	9				_		OL, OR WILDCAT	
4. LOCATION OF WE					ce with an	y State req	uiremen	ta) •		East Bla	anco	Pictured Cli	ffs .
			1190' F	WL						OR AREA		OR BLOCK AND BURYET	
At top prod. in	terval repo	orted below	sam	е									
At total depth			sam	e .						Section	on 2	9, T30N, R3W	
•	•			14. [ERMIT NO.		DATE	ISSUED		12. COUNTY PARISH	OR	13. STATE	
		·					<u> </u>			Rio A			
			HED 17. DAT	E COMPL	. (Ready to	o prod.)				RT, GR, ETC.)	19.	ELEV. CASINGHEAD	
11/26/88 20. TOTAL DEPTH, MD		12/1/88	ACK T.D., MD A	1/25	/89 2. 18 MUL	TIPLE COM		8 ' GL		O' RKB		CABLE TOOLS	
				140	HOW M.		· L.,		LLED BY			I CABLE TOOLS	
4215'	RVAL(S), C		4116'	BOTTOM	I. NAME (M	1D AND TVE)*		<u>→</u>	0 - T1		5. WAS DIRECTIONAL	
				•								SURVEY MADE	
Pictured	Cliffs	s -3815	' - 3897	,								.No	
26. TYPE ELECTRIC	AND OTHER	LOGS RUN						· · · · ·			27. 1	WAS WELL CORED	
IEL-CNL-F	DC-GR-	-CLL										No	
					ORD (Rep		ngs set i						
CABING SIZE		HT, LB./FT.	DEPTH SE		_	LE SIZE				RECORD		AMOUNT PULLED	
8 5/8"		<u>0#/ft</u>		139' KB 12 1/4" 130 sx (153 ft ³) Class B v/2% CaCl 4176' KB 7 7/8" 200 sx (412 ft ³) Class B v/2% Econ									
4 1/2"	_ 10.	.5#/ft	41/6	KB	- - 	7 7/8"						221 ft ³) 50/5	
			_		-							1/4# flocel	
29.		LIN	ER RECORD					30.		TUBING RECO		<u> </u>	. / J.
SIZE	TOP (M	D) BO	ттом (мд)	SACKS	CEMENT*	SCREEN	(MD)	SIZE		DEPTH SET (MD) PA		PACKER SET (MD)	
							· ·	1 1	/2"	3868'		none	
31. PERFORATION REC	ina (lata	 										<u> </u>	
Pic. Clif			•	SPF		32.				TURE, CEMEN		MATERIAL USED	
3815-3818 -			851-3858		holes	DEPTH 1	5-38					ghted DI HCL a	a a i d
3821-3828 -			868-3876	-		301	J-30:					CN ball sealer	
3831-3841 -			891-3897									uality foam	,
3843-3848 -	ll hol	les	(.34" (liame	ter)					00,000# 20			
13.*						UCTION				300 SCF r			
ATE FIRST PRODUCT	ION	PRODUCTI	ON METHOD (F	• • •	gas lift, pu	ımping—ai:	te and t	ype of pun	np)		t-in)	:B (Producing or	
2/17/89 DATE OF TEST	HOURS T]	flowing		'N. FOR	OIL—BBL		GASM		WATER-BBL		ducing	
2/14/89	3	i	3/4"		PERIOD	-0		t	04	-0-	.	N/A	
LOW, TUBING PRESS.	<u>'</u>	PRESSURE	CALCULATED	011	-BB1		мст.	1 3,	WATER-	<u> </u>	OIL G	GRAVITY-API (CORR.)	
144	110	o	24-HOUR RATE	•	-0-		2428	в !		-0-		N/A	
4. DISPOSITION OF G.	AS (Sold, 1	used for fue	l, vented, etc.)							TEST WITNES	SED E		
vented										Davi	.d B	all	
LIST OF ATTACH	BTKB												
A thanks - Ite	4 5				<u> </u>		5	4.4					
6. I hereby ceruly	that the	coregoing at	nd attached to	10000010	a 15 compl	ette and co	rrect AS	ge(ermine	ea 170 10	mii mvaliadie r	ecoras	•	
SIGNED	/	"	7/4	T	ITUD_	Operat	or	-		DATE	:	2/22/89	
Rob	ert L	Bayle	SS										

*(See Instructions and Spaces for Additional Data on Reverse Side)

FORMATION Ojo Alamo Kirtland				drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoverles):	Se. GEOL	GEOLOGIC MARKERS	
Ojo Alamo Kirtland	тор	BOTTOM	DESCRIPTION, CONTENTS, ETC.	FENTS, ETC.		TOP	ď
Kirtland	32.78	3518	water		NAME	MEAS. DEPTH	TRUE VERT. DEPTH
	3518	3760	water		Ojo Alamo	3278	same
Fruitland Coal	3760	3814	water, natural gas		Kirtland	3518	same
Pictured Cliffs	3814	4215	natural gas		Fruitland Coal	3760	same
					Pictured Cliffs	3814	same
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
	·						
·							
							:
			,				

Form 3100-3 (November 1983) (formerly 9-331C)		STATES	(Other lastro-	tions	Budget Buresu Expires Augus	No. 1004-0134
,		T OF THE INTE		ľ	S. LEASE DEGIGNATION	AND RESIAL NO.
17 .	BUREAU OF	LAND MANAGEME	NT TO TO	1	Jicarilla Co	ontract 46
APPLICATIO	ON FOR PERMIT	TO DRILL DEEP	EN, OR PLUG B	ACK	6. IF INDIAN, ALLUTTE	SMAN BRIST SO SE
A. TYPE UP WORK	TON TENINI		7 2 1 0 5		Jicarilla A	
b. TYPE OF WELL	RILL 🛛	DEEPEN []	PLUG BAC	ox □	T. UNIT AGREEMENT	MAMB
OIL	WALL X OTHER		INGLE DECEMBE	₩ 🔲	S. PARM OR LEASS NA	M 0
2. NAME OF OPERATOR					Jicarilla 40	1-1
Robert L.	Bayless			ľ	9. WELL NO.	
3. ADDRESS OF OPERATO	R				7	
P.O. Box	168, Farmington,	NM 87499			10. FIELD AND POOL.	OR WILDCAT
At KHT.ACO	Report location clearly and	· · · · · · · · · · · · · · · · · · ·	State requirements.*1		Wildcat	
At proposed prod. so)' FNL & 1190' F	√ L			11. SBC., T., B., M., OR AND SURVEY OR A	
Mt proposed prod. sc	ooe same			-	Sec. 29, T30	ON, R3W
14. DISTANCE IN MILES	AND DIRECTION FROM NEA	BEST TOWN OR POST OFFIC	· * •	-	12. COUNTY OR PARISE	1 13. STATE
					Rio Arriba	NM
15. DISTANCE FROM PRO- LOCATION TO NEARE			O. OF ACRES IN LEASE		ACRES ASSIGNED	
PROPERTY OR LEASE			rox. 2410 eqular sections	10 TH	160	
13. DISTANCE FROM PRO	DOSED LOCATION*		ROPOSED DEPTH	20. BOTAR	T OR CABLE TOOLS	
OR AFPLIED FOR, ON T			4265'		0 - TD	
21. ELEVATIONS (Show w	bether DF, RT, GR. et 116	action to subject to u	pehalast and		22. APPROX. DATE WO	DEK WILL START"
7238' GL					6/1/8	38
23.	and ,	Etropite sance season	GER 216514, PROGRA	M DRILLING	OPERATIONS AUT	HODIZED ADE
SIZE OF ROLE	BIZE OF CABING	WEIGHT PER POOT	SETTING DEPTH	SUBJECT	TO COMPLIANCE N	ATH ATTACHED
9-7/8"	7-5/8"	26.4#	1751	GENER,	L REQUIREMENTE	71 ft3
	, , ,,,	2				- 252 ft
	duced from this	wall man not h	e vented or flat	red bev	ond an	
Gas pro	duced from this	et paried of	* days or	50 MMcf		
initial	, authorized te ng its (complet	ion) (recomplet	ion), whichever	first	occurs,	ng with
IOTTOM1	the prior, wri	rten approval o	f the authorized	d offic	er.	and
Should	and he vented o	r flared withou	t approval beyon	na the	test	th 2%
20-104	authorized above	e vou mav bed	irected to shut	-in the	METT	loss
until t	he gas can be c	aptured or appr	oval to continue	e venti	ng or	run
flaring	, ac uneconomic	is granted, and	You shall be re	edarrea	LO	rom
compens	ate the lessor	for that portio	n of the gas ver	utea or	Tilared	
without	approval which	is determined	to have been av	oidably	lost.	
* 3	30 days, unless	a longer test p	eriod specifica	lly is	approved	
hv	the authorized	officer. The 3	0 day period be	gins wh	en the	•
cas	ing is FIRST pe	rforated for ca	sed holes, and	when To	tal	
Dep	oth (TD) is reac	hed for open ho	le completion.			
		-				

zone. It proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any,

Petroleum Engineer

(Thix space for Federal or State office use)

CONDITIONS OF APPROVAL, IF ANY ;

PERMIT NO.

OPERATOR

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes 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.

Jicarilla 30-03-34 SJ No. 4 SE/4 Section 34-30N-3W

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised August 15, 2000

DISTRICT II 811 South First, Artesia, N.M. 88210

ст ш Rio Brazos Rd., Aztec, N.M. 87410

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

DISTRICT IV 2040 South Pacheco, Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ арі 30—039—	Number - 26326	-00-00	•	Pool Code 97037		*Pool Name CABRISTO CANYON TERTIARY									
Property Co			1		⁵ Properi		11310	CANTO	IN ILIXI		l Number				
2636				ı	IICARILLA 3					4					
OGRID No).				⁶ Operate	or Name				• E	levation				
13925	5			!	MALLON OII	COMPANY			7258'						
						e Location				<u></u>					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	1 '		t from the	-	est line	County				
J	34	30-N	3-W		2039	SOUTH	I	977							
UL or lot no.	Section	Township	" Hotto	m Hole	Location Feet from th	If Different Free North/South line		urface	Fagt /	East/West line Count					
on or loc no.	Section	Township	wange	LOC ION	reet irom tu	North/Soden inte	1	t Hom the	Busty	vede inte	county				
Dedicated Acre	s	-	is Joint or I	nfill	¹⁴ Consolidatio	n Code	15 Orde	Order No.							
160															
NO ALLOW	ABLE W	ЛLL BE AS	SSIGNED	TO THIS	COMPLE	TION UNTIL ALL	INTE	RESTS H	IAVE BE	EN CO	NSOLIDATED				
						BEEN APPROVED					·				
						SEC. COR FD. MARKED ST	NER ONE	I hereby c	ertify that th	e informati	RTIFICATION on confining herein				
	j							is true and belief.	d complete to	the best o	f my knowledge and				
	İ														
						Signature									
									OBERT B	LAYLOC	<				
	Ì						};	Printed			D				
	1							Title	ISTRICT I	MANAGE.	<u> </u>				
							5266.20		121	6	0				
				. l 7. danser - :			526	Date	, , ,	,					
			、	34-			≯	40 ~	1111111111	D OUT					
	. }						12-46	l			RTIFICATION on this pla				
	}				•	1977'	0-02	1							
	-						z	me or under my supersistion, and that the same is to and correct to the possible my better.							
	Ì			1			l	and correct	to the best of	my bittel	(VS)				
								10	1132	N ME	13				
					.62			Date of Signature	ana Salal of	8894	Supregor				
					2038,			V	Y TENED	FESSIONA	Mary S.				
SEC. CORNER		¢ 0:	9-42-06 E	5248.80		SEC. COR	RNER	Certificate	88 //						
Ĺ FD. MARKED STO	ONE	3 0	J - TE - OO L	. 5270.50	1	FD. MARKED STO	ONE]	1							

CONFIDENTIAL

Fis 6 4160 5 (JUNE 1997) UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT --" for such proposals.

FORM APPROVED

Findraid	Bureau No.	1004-0135

5. Lease Designation and Serial No
MDA 701-98-0013

6. If Indian, Allotte or Tribe Name Jicarilla Apache Tribe

SUBMIT IN TRIPLICATE		7. If Unit or CA, Agreement Designation
1. Type of Well Oil Well X Gas Well Other:		N/A
2. Name of Operator Mallon Oil Company		8. Well Name and No. 90 Jicarilla 30-03-34 No. 4
3. Address and Telephone No. P.O. Box 2797 Durango, CO 81302	(970)382-9100	9. Well API No. 30 - 039 - 26326
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2039' FSL and 1977' FEL (NW/SE) Unit J Sec. 34, T30N-R03W		E. Blanco; Pictured Cliffs 11. County or Parish, State Rio Arriba, New Mexico
12. CHECK APPROPRIATE BOX(S) TO INC	DICATE NATURE OF NOTICE, REF	PORT, OR OTHER DATA
TYPE OF SUBMISSION		E OF ACTION
Notice of Intent X Subsequent Report	Abandonment Recompletion Plugging Back	Change of Plans New Construction Non-Routine Fracturing
Final Abandonment Notice	Casing Repair Altering Casing X Other: Spud	Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Vivid
Mallon Oil Company spud the above referenced 8-5/8" x 24 lb/ft surface casing was set at 256'. (40 sxs to surface.		
,		
14. Thereby certify that the foregoing is true and correct Signed Christy Survivor	Title <u>Production Clerk</u>	Date 2-3-
Approved B Conditions of approval, if any:	Lands and Min	eral Resources Date 2-23-07
18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make any departments to any matter within its jurisdiction.	nt or agency of the United States any false, fictitious or	r fraudulent statements or representations as

Form 3160-5 (JUNE 1990)

UNITED STATES TMENT OF THE

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135

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SUNDRY NOTICES AND REPORTS ON WELLS

5. Lease Designation and Serial No.

Do not use this form for proposals to drill or to deepen Use "APPLICATION FOR PERMIT" to		6. If Indian, Allotte or Tribe Name Jicarilla Apache Tribe
SUBMIT IN TRIPLICATE	The second secon	7. If Unit or CA, Agreement Designation
1. Type of Well		N/A
Oil Well X Gas Well Other:		
2. Name of Operator Mallon Oil Company		8. Well Name and No. Jicarilla 30-03-34 No. 4
3. Address and Telephone No.		9. Well API No.
P.O. Box 2797 Durango, CO 81302	(970)382-9100	
		10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		E. Blanco; Pictured Cliffs
2039' FSL and 1977' FEL (NW/SE) Unit J		11. County or Parish, State
Sec. 34, T30N-R03W		Rio Arriba, New Mexico
CHECK APPROPRIATE BOX(S) TO INC	DICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE	OF ACTION
[w]	J	
X Notice of Intent	Abandonment	Change of Plans
	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	X Other: APD Amendment	Dispose Water
		(Note: Report results of multiple completion on Well
	<u> </u>	Completion of Recompletion Report and Log form)
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates subsurface locations and measured and true vertical depths for all markers and zones pertin		If well is directionally drilled, give
Mallon proposes to change the surface casing of Mallon Oil Company feels that 250ft of surface of any shallow water aquifers. Previous wells drill utilized surface casing depths from 110'-160'. In we have not encountered any water through or l	casing will be more then adequ ed by Robert L. Bayless in the n the past year through our dril	ate to protect East Blanco field
We would also like to request a Total Depth cha	nge from 4500' to 2100'. Also	Mallon would like 🦢
to change the production casing form 5-1/2" to	4-1/2".	1070 - 47 <u>4</u> 475
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		Participants of the second sec
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44. Thought again, that the form in in true and arrest		
14. I hereby certify that the foregoing is true and correct		
signed Christypilians	Title <u>Production Clerk</u>	Date [-24-00
THIS SPACE FOR FEDERAL OR STATE OFFICE USE)		
Approved B	Title Petroler	E-1. Date 01-25-00
Conditions of approval, if any:		U
Title 18 U. S. C. Section 1001, makes it a crime for any person knowingly and wilfully to make any departm	ent or agency of the United States any false, fictitious or f	raudulent statements or representations as



as to any matter within its jurisdiction.

CONFIDENTIAL

Form 3160-3 FORM APPROVED SUBMIT IN TRIPLICATE UNITED STATES (July 1992) OMB NO. 1004-0136 (Other instructions on DEPARTMENT OF THE INTERIOR Expires February 28, 1995 reverse side) BUREAU OF LAND MANAGEMENT 5. LEASE DESIGNATION AND SERIAL NO. APPLICATION FOR PERMIT TO DRILL OR DEEPEN MDA 701-98-0013 1a. TYPE OF WORK 6. IF INDIAN, ALLOTTEE OR TRIBE NAME Drill X Deepen Jicarilla Apache b. TYPE OF WELL 7. UNIT AGREEMENT NAME Oil Well X Gas Well Other Single Zone Multiple Zone 8. FARM OR LEASE NAME WELL NO 2. NAME OF OPERATOR Mallon Oil Company Jicarilla 30-3-34 #4 3. ADDRESS AND TELEPHONE NO 9. API WELL NO. P.O. Box 2797 Durango, Colorado 81302 (970) 382-9100 10 FIELD AND POOL OR WILDCAT 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) E. Blanco, Pictured Cliffs 2039' FSL and 1977' FEL ((NW/SE) Unit J At surface 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA At proposed prod. zone 2039' FSL and 1977' FEL (NW/SE) Unit J Sec. 34, T30N-R03W 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 12. COUNTY OR PARISH 13. STATE 54 miles east of Bloomfield, New Mexico Rio Arriba NM 15. DISTANCE FROM PROPOSED * 16. NO. OF ACRES IN LEASE 17. NO. OF ACRES ASSIGNED 2039 LOCATION TO NEAREST TO THIS WELL 39,360 PROPERTY OR LEASE LINE, FT. 159 (Also to nearest drlg. unit line, if any) 18. DISTANCE FROM PROPOSED LOCATION* 19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS 2800' TO NEAREST WELL, DRILLING, COMPLETED, 4500' Rotary OR APPLIED FOR, ON THIS LEASE, FT 7258' GR 12/01/99 21. ELEVATIONS (SHOW WHETHER DF, RT, GR, Etc.) 22. APPROX.DATE WORK WILL START PROPOSED CASING AND CEMENTING PROGRAM 23 WEIGHT PER FOOT SIZE OF HOLE SETTING DEPTH QUANTITY OF CEMENT GRADE, SIZE OF CASING Circulate to surface 12-1/4" 8-5/8' 24# 250 7-7/8" 5-1/2" 15.5# 4500 570 sks Mallon Oil Company proposes to drill to a depth sufficient to test the Pictured Cliffs formation. If productive, 5-1/2" casing will be cemented at TD. If non-productive, the well will be plugged and abandoned in a manner consistent with Federal regulations. Specific programs as per on-shore Oil and Gas Order No. 1 are outlined in the following attachments: **Drilling Program** Exhibit 1: Blow Out Preventor Equipment/Plan Exhibit D: **Drilling Site Layout** Exhibit A: Location and Elevation Plat Exhibit E: **Production Facilities** Exhibit B: Roads and Pipelines Exhibit F: **H2S Contingency Plan** Exhibit C: One Mile Radius Map Exhibit G: **Environmental Assessment** IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any 24 TITLE: Operations Superintendent DATE 11/01/99 SIGNED: I erry Lindeman (This space for Federal or State office use) APPROVAL DATE **PERMIT NO** Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct CONDITIONS OF APPROVAL, IF ANY TITLE ALST Field Manager APPROVED BY

*See Instructions On Reverse Side

The 18 U.S.C. Section 1001, makes 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.

### WELL COMPLETION OR RECOMPLETION REPORT AND LOG * WELL COMPLETION OR RECOMPLETION REPORT AND LOG * WELL	Form 3160-4 (July 1992) DE	U PARTM	NITE ENT		'ATE		ERI		IT IN DUP	1 1			FORM APPE	
WELL COMPLETION OR RECOMPLETION REPORT AND LOG		BUREAU	OF LA	AD D	LANA	GEA	MENT	-		kle)		Expl	res: Februa	ry 28, 1995
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1. The OF COURLE TON NOW				GAS			11 /1110	200			6. IF IN			
NAME OVER	W		WELL	WELL	OR'	′ 🔲	OTHER_					Jicai	illa Apad	che Tribe
Mailon Oil Company											7. UNIT	AGREE		
NAME OF OFFEATOR ADDRESS AND TELEPHONE NO. P. O. Box 2797, Durrango, CO 81302 (970) 382-9100 3. ADDRESS AND TELEPHONE NO. P. O. Box 2797, Durrango, CO 81302 (970) 382-9100 1. CONTON OF WELL 17 PROPRIED declared season across yard in accordance with any State requirements 1. CONTON OF WELL 17 PROPRIED declared season across yard in accordance with any State requirements 1. CONTON OF WELL 17 PROPRIED declared season across yard in accordance with any State requirements 1. CONTON OF WELL 17 PROPRIED declared season across yard in accordance with any State requirements 1. CONTON OF WELL 17 PROPRIED declared season across yard in accordance with any State requirement 1. CONTON OF WELL 17 PROPRIED declared season across yard in accordance with any State requirement 1. CONTON OF WELL 17 PROPRIED declared yard in a set yard in a set yard in a set yard yard yard yard yard yard yard yard											8 FARM	MORIE		
Mallon Oil Company 3. APINELI NO 30-039-26326		لــــا												-
A DORESS AND TELEPHONE NO. P. O. BOX 2797, Durango, CO 81302 (970) 382-9100 1. COCATION OF WELL PRODUCTION P. O. BOX 2797, Durango, CO 81302 (970) 382-9100 1. COCATION OF WELL PRODUCTION PRODUCTI	2. NAME OF OPERATOR	Ma	llon Oil Cor	maanu						}				34 SJ No. 4
P. O. Box 2797, Durango, CO 81302 (970) 382-9100 1. COCATION OF WELL (Report location deality and in accordance with any State requirements 7 At source 2039' FSL and 1977' FEL (NW/SE) Unit J At loop and interval reported below 2039' FSL and 1977' FEL (NW/SE) Unit J At loop and interval reported below 2039' FSL and 1977' FEL (NW/SE) Unit J At loop and interval reported below 2039' FSL and 1977' FEL (NW/SE) Unit J At loop and interval reported below 2039' FSL and 1977' FEL (NW/SE) Unit J At loop and interval reported below 2039' FSL and 1977' FEL (NW/SE) Unit J At loop and interval reported below 2039' FSL and 1977' FEL (NW/SE) Unit J At loop and interval reported below 2039' FSL and 1977' FEL (NW/SE) Unit J At loop and interval reported below 2039' FSL and 1977' FEL (NW/SE) Unit J At loop and interval reported below 2039' FSL and 1977' FEL (NW/SE) Unit J At loop and interval reported below 2039' FSL and 1977' FEL (NW/SE) Unit J At loop and interval reported below 2039' FSL and 1977' FEL (NW/SE) Unit J At loop and interval reported below 2039' FSL and 1977' FEL (NW/SE) Unit J At loop and interval reported below 2039' FSL and 1977' FEL (NW/SE) Unit J At loop and interval reported below 2039' FSL and 1977' FEL (NW/SE) Unit J At loop and interval reported below 2039' FSL and 1977' FEL (NW/SE) Unit J At loop and interval reported below 2039' FSL and 1977' FEL (NW/SE) Unit J At loop and interval reported below 2039' FSL and 1977' FEL (NW/SE) Unit J At loop and interval reported below 2039' FSL and 1977' FEL (NW/SE) Unit J At loop and interval reported below 2039' FSL and 1977' FEL (NW/SE) Unit J At loop and interval reported below 2039' FSL and 1977' FEL (NW/SE) Unit J At loop and interval reported below 2039' FSL and 1977' FSL (NW/SE) Unit J At loop and interval reported below 2039' FSL and 1977' FSL (NW/SE) Unit J At loop and interval reported below 2039' FSL and 1977' FSL (NW/SE) Unit J At loop and interval reported below 2039' FSL and 1977' FSL (NW/SE) Unit J At loop and interval report	2 ADDRESS AND TELER		IION ON COI	прапу							9. API V			esse
East Blanco; San Jose 1 LOCATION OF WELL 1 All success A 1979 FSL and 1977* FEL (NW/SE) Unit J 2039* FSL and 1977* FSL (NW/SE) Unit J 2039* FSL and 1977* FSL (NW/SE) Unit J 2039* FSL and 1977* FSL (NW/SE) Unit J 2039* FSL and 1977* FSL (NW/SE) Unit J 2039* FSL and 1977* FSL (NW/SE) Unit J 2039* FSL and 1977* FSL (NW/SE) Unit J 2039* FSL and 1977* FSL (NW/SE) Unit J 2039* FSL and 1977* FSL (NW/SE) Unit J 2039* FSL and 1977* FSL (NW/SE) Unit J 2039* FSL and 1977* FSL (NW/SE) Unit J 2039* FSL and 1977* FSL (NW/SE) Unit J 2039* FSL and 1977* FSL (NW/SE) Unit J 2039* FSL and 1977* FSL (NW/SE) Unit J 2	3. ADDRESS AND TELEP		7 Roy 279	7 Duran	an CO	81302	10	07N) 38	22 010	<u>, </u>	40 5151			
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At log prod. Internal reported below. 2039' FSL. and 1977' FEL. (NW/SE) Unit J At log prod. Internal reported below. 2039' FSL. and 1977' FEL. (NW/SE) Unit J At log prod. Internal reported below. 2039' FSL. and 1977' FEL. (NW/SE) Unit J At log prod. Internal reported below. 2039' FSL. and 1977' FEL. (NW/SE) Unit J At log prod. Internal reported below. 2039' FSL. and 1977' FEL. (NW/SE) Unit J At log prod. Internal reported below. 2039' FSL. and 1977' FEL. (NW/SE) Unit J At log prod. Internal reported below. 2039' FSL. and 1977' FEL. (NW/SE) Unit J At log prod. Internal reported below. 2039' FSL. and 1977' FEL. (NW/SE) Unit J At log prod. Internal reported below. 2039' FSL. and 1977' FEL. (NW/SE) Unit J At log prod. Internal reported below. 2039' FSL. and 1977' And 1978' Internal reported internal reported below. 2021' Internal reported internal reported below. 2021' Internal reported internal reported below. 2021' Internal reported internal reported below. 2021' Internal reported internal reported below. 2021' Internal reported internal reported below. 2021' In				•		•	•	oms /		. }				
At top proof interval reported below 2039 FSL and 1977 FEL (NW/SE) Unit J Sec. 34, T30N, R03W At total depth					(,					į,				
15 DATE SPUDDED 16. DATE TD REACHED 17. DATE COMP (Ready) to Proof.) 18. ELEVATION (DF. RIKB, RT, GR, ET 19. ELEV_CASINGHEAD 72.59 7	At top prod. interval re	ported below 203	39' FSL and	1977' F	EL (NW	/SE) U	Jnit J				01171110		34, T30	N, R03W
2/24/00 2/2/200 2/2/200 2/2/200 2/2/200 2/2/200 2/2 FUURDERC TO, MO & TVD 2/2 FRUITFIE COMP. 23. INTERVALS ROTARY TOOLS CABLE TOOLS CABLE TOOLS 2100' 1956' N/A Yes N	At total depth					14.		NO. DA		i				1
21 OTAL DEPTH, MO & TVD 21 PLUGBACK TO, MO & TVD 21 PLUGBACK TO, MO & TVD 22 IF MULTIPLE COMP. 23 IN MACHINE COMP. 24 PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD') 25 WAS DIRECTIONAL SURVEY MADE 26 PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD') 27 WAS WELL CORED N/A 28 CASING RECORD (Report all strings set in well) 29 CASING RECORD (Report all strings set in well) CASING SIZECRADE WEIGHT LIBIT DEPTH SET (MD) 8-5/8" CASING RECORD (Report all strings set in well) CASING SIZECRADE WEIGHT LIBIT DEPTH SET (MD) 8-5/8" CASING RECORD (Report all strings set in well) CASING SIZECRADE WEIGHT LIBIT DEPTH SET (MD) 8-5/8" CASING RECORD CASING RECORD SIZE TOP (MD BOTTOM (MD) SACKS CEMENT SCREEN (ND) SIZE TOP (MD BOTTOM (MD) SACKS CEMENT SCREEN (ND) SIZE DEPTH SET (MD) ADDITION SIZE DEPTH SET (MD) ADDITION SIZE DEPTH SET (MD) ADDITION ADDITION PRODUCTIO	15. DATE SPUDDED		16. DATE TO R	EACHED	17. DAT			Prod.) 18	. ELEVA1	TION (DF, RI	KB, RT,	GR, ET	19. ELEV.	CASINGHEAD
21. PRODUCTION 22. PRODUCTION 1956' N/A PRODUCTION 1648'-1674', 1784'-1794', 1800'-1806', East Blanco, San Jose Ext. 25. WAS DIRECTIONAL SURVEY MADE 1648'-1674', 1784'-1794', 1800'-1806', East Blanco, San Jose Ext. 27. WAS DIRECTIONAL SURVEY MADE 28. WEIGHT LIBFT CASING RECORD (Report all strings set in well) CASING RECORD (Report all strings set in well) CASING SIZE/GRADE WEIGHT LIBFT PRODUCTION 11.6 Ib 2082' 12.71/4' 11.6 Ib 2082' 7-7/8" Comt with 19 3x5 Type 3, circ 40 sxs to pit. 29. LINER RECORD SIZE TOP (MD BOTTOM (MD) SACKS CEMENT SCREEN (MD) 1.9" 1048' 1048'-1806' Acidize with 120-688 7.11/2% HCL Frac with 40.5560 lbs 12/20 Brady Sand and 3,040 lbs 8/14 Flex Sand. PRODUCTION					5 305				100 NTE		3'			
24 PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD') 25 WAS DIRECTIONAL SURVEY MADE 1648'-1674', 1784'-1794', 1800'-1806', East Blanco, San Jose Ext. Yes 27. WAS WELL CORED N/A	20. TOTAL DEPTH, MD &	IVD	21. PLUG	BACK ID, W	100 100			COMP.,	1		1	ROTAL	RYTOOLS	CABLE TOOLS
1648'-1674', 1784'-1794', 1800'-1806', East Blanco, San Jose Ext. Yes 28. IYPE ELECTRIC AND OTHER LOGS RUN GR-HRI, GR-SDL-DSN CASING RECORD (Report all strings set in well) CASING SIZEGRADE WEIGHT LIBFT DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CREMENTING RECORD 8-5/8" 116 Ib 2082' 7-7/8" Cmt with 140 sax Type 3, circ 40 sax to pit 4-1/2" 11.6 Ib 2082' 7-7/8" Cmt with 325 sax Pozz circ 53 sax to pit 4-1/2" 11.6 Ib 2082' 7-7/8" Cmt with 325 sax Pozz circ 53 sax to pit SIZE TOP (MD BOTTOM (MD) SACKS CEMENT SCREEN (MD) SIZE DEPTH SET (MD) DEPTH SET (MD) FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL (MD) MOUNT AND KIND OF MATERIAL USED 32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL (MD) MOUNT AND KIND OF MATERIAL USED 33. PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing DATE OF TEST A14/00 FROWING PRESS CASING PRESSURE CALCULATED OLA BBL GAS - MCF WATER - BBL OLA GRAVITY - API (CORR.) N/A 34. DISPOSITION OF GAS Sold Sold Sold Sold, used for fuel, vented, etc.) TEST PERIOD Of ATTO HIMEN'S 36. Hereby copil flushing loggoring and attaghed information is complete and correct as determined from all available records Of the Management of the street of	210	00'		1956'			N/A			→			Yes	N/A
22. WAS WELL CORED NIA CASING RECORD (Report all strings set in well) CASING SIZEGRADE CASING SIZEGRADE WEIGHT LIBFT DEPTH SET (MD) A-1/2" 11.6 Ib 2082' 7-7/8" CIN with 140 sxs Type 3, circ 40 sxs to pit. 4-1/2" 11.6 Ib 2082' 7-7/8" CIN with 325 sxs Poz/ circ 53 sxs to pit. 4-1/2" 11.6 Ib 2082' 7-7/8" CIN with 325 sxs Poz/ circ 53 sxs to pit. LINER RECORD SIZE TOP (MD BOTTOM (MD) SACKS CEMENT SCREEN (MD) SIZE TOP (MD BOTTOM (MD) SACKS CEMENT SCREEN (MD) SIZE DEPTH SET (MD) FRODUCTION BOTTOM (MD) SACKS CEMENT SCREEN (MD) SIZE DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED Acidize with 120 gias 7-1/2% HCL Frac with 40,560 lbs 12/20 Brady Sand and 3,040 lbs 8/14 Flex Sand. PRODUCTION PRODUCTI	24. PRODUCING INTERV	AL (S), OF THIS COM	APLETION - TOP	, воттом,	NAME (MD	AND TVD)*)				25. WA	S DIREC	CTIONAL SU	RVEY MADE
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36. Thereby ceptil that the folegoing and attached information is complete and correct as determined from all available records						l		_ n:	<u> </u>	1				
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36. Thereby ceptil that the folegoing and attached information is complete and correct as determined from all available records		yrs .				~ (* (Cirriery							
(TIM) A (March 1) They David (March 1) Office Manager (March 1)														
SIGNED (Gay Davis) Office Manager DATE 6/16/00	36. I hereby certify that th	e folegoing and attact	ned ignormation i	s complete a				available r						
	SIGNED	MIN	LUU	TSL	(G _B y	Davis)		Office	Manage	er	c	ATE	6/16/00

UNITED STATES

Form 3160-4

FORMATION			-	Jicarilla 30-03-34 SJ No. 4		
	TOP	ВОТТОМ	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT DEPTH
				L San Jose	1648'	
		,				
RECE JUL 1 MALLON OI DURANG						
0 2000		· · · · · · · · · · · · · · · · · · ·				
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Jicarilla 30-03-34 No. 4 SE/4 Section 34-30N-3W

Form C-102 Revised August 15, 2000

DISTRICT II 011 South First, Artesia, N.M. 68210

1000 Rto Brazos Rd., Aztec, N.M. 87410

OIL CONSERVATION DIVISION

Submit to Appropriate District Office State Lease - 4 Copies

2040 South Pacheco Santa Fe. NM 87505

Fee Lease - 3 Copies

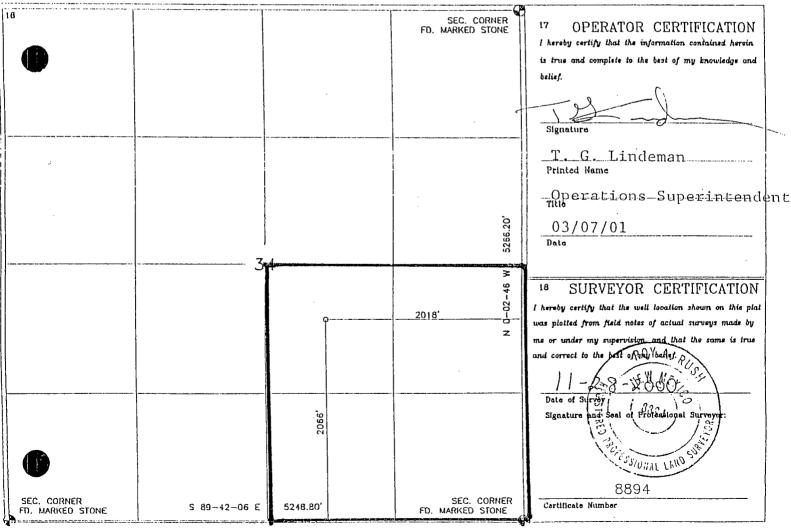
☐ AMENDED REPORT

th Pacheco, Santa Fe. NM 87505

	אא הירו	" FOCUTION WAD	ACREAGE DEDICATE	ON PLAT
'API Number 30-039	-26733	Pool Code 97037	Cabrest	Pool Name to Canyon – Tertiary
Property Code		*Pro	operty Name	• Well Number
00024236		JICAR	ILLA 30-3-34	4
OGRID No.		*0p	erator Name	* Elevation
13925		MALLON	OIL COMPANY	7259'

¹⁰ Surface Location UL or lot no. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West Ilno County J 34 3-W 30 - N2066 SOUTH 2018 **EAST** RIO ARRIBA ¹¹ 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 Dodleated Acres ¹³ Joint or Intill 14 Consolidation Code 14 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



Form 3160-4 (July 1992)

UNITE STATES SUBPARTMENT & THE INTERIO BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICA

FORM APPROVED OMB NO. 1004-0137

Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

V	VELL C				PLETION F	REPOF	RT ANI) LO	3 *		1		A 701-9	
TYPE OF WELL			MEFF [GAS WEL	i LX DR	Υ	OTHER				6. IF IN	•		R TRIBE NAME Che Tribe
b. TYPE OF COMP NEW WELL X	LETION WORI OVER		DEEP EN			DIFF RESVR	Г						MENT NAM N/A ASE NAME	
2. NAME OF OPERAT	TOR						<u> </u>				-			3-34 No. 4
	. 4	Mal	llon Oil	Compan	V						9 API	WELL NO		J-34 INU. 4
3. ADDRESS AND TE	LEPHONE			_ 	<u> </u>						1		 30-039-2	26733
		P. (Box 2 	2797, Du	rango, CO	81302		(970)	382-91	100	10. FIE	ELD AND	POOL, OR V	WILDCAT
4. LOCATION OF WE	LL	'(Rер	ort location	clearly and i	n accordance wit	h any Stat	le requirer	nents *)				Cabres	to Cany	on - Tertiary
At Surface											11. SE	C., T., R.	, M., OR BLO	OCK AND SURVEY
2066' FSL a			W/SW)	Unit J							OR AR		ec. 34 T3	30-R03
At total depth 2066' FSL a	and 20	18' FEL Ur	nit J			14	PERMI		DATE ISS	UED I/A	ı	DUNTY O	R PARISH Tiba	13. STATE
15. Spud Date			16. DATE	TD REACHE	D 17. DAT	TE COMP	(Ready t	o Prod.)						CASINGHEAD
20. TOTAL DEPTH, M	5/7/01		_	5/14/01 LUGBACK T	D, MD & TVD	7/1. 22. IF	2/01 MULTIP	LE COM	7259' (GL, 7271 TERVALS			RY TOOLS	7260'
	3978'			39	3937' HOW MANY*			'	ORILLED BY			Yes	N/A	
24. PRODUCING INT	ERVAL (S), OF THIS COM	APLETION -		OM, NAME (MD AND TVD*)						25. W	AS DIREC		JRVEY MADE
2647'-2667	". 3186	'-3178', 32	24'-323	4'									Yes	
26. TYPE ELECTRIC GR-HRI, G	AND OTH	ER LOGS RUN									27.	WAS W	ELL CORED	,
28.					ING RECO					t in well)				
CASING 8-5	SIZE/GRA /8"	DE	<u> </u>	24 lbs	256.			LE SIZE 2-1/4"		SXS Typ		ENTING	RECORD	none
5-1.	5-1/2" 15.8					s 3978' 7-7/8"			950	sxs STE	exs STD poz 2% gel none			
29.			1	NER REC	ORD		<u></u>		i	J ₃₀		TUB	ING REC	ORD
SIZE		TOP (MD	<u></u>		TOM (MD)	SACKS (EMENT	SCR	EEN (MD)				SET (MD)	PACKER SET
N/A										2-3/8	3"	32	03.81'	NA NA
31. PERFORATION	RECORD		/Inter	val. size, and	t numberl	<u> </u>		32	ACID	SHOT FE	RACTU	RE CE	MENT S	UEEZE, ETC.
31. TEN ONAHON	NEGOND		(imei	var, siec. arre	2 Milliour)				INTERVA					OF MATERIAL US
3186'-3178', 32 2647'-2667' 2		4' 2 JSPF						2647	"-3234'			72,000) lbs 20/40) Brown Sand
33.*				P	RODUCTION	<u> </u>		<u> </u>				<u> </u>		
DATE FIRST PRODU	JCTION				UCTION METHO		ving, gas	ilt, pump	ing - size a	and type of pu	ımp) W	ELL STA	(Producir	ng or Shut In)
7/12/01					owing							Produ		212.011.01
6/29/01		HOURS TESTE	ED 24	CH	IOKE SIZE	PROD'N	ERIOD	OIL - B	0	GAS - MC 550)F	WATER - BBL 120		GAS-OIL RAT
FLOW TBG PRESS 225		CASING PRES	SSURE	1	ALCULATED -HOUR RATE	OIL -	BBL O	G	550		R - BBL 120	OIL	GRAVITY - A N/A	
34. DISPOSITION O	F GAS	<u> </u>	(Sold, use	ed for fuel, ve	inted, etc.)					TEST		SSED BY Raymo	ond Key	
35 OF ATTAC														
36. Thereby certify the SIGNED	hat the fore	going that the	hed informa	ition is compl		t Blaylo		all availai		rict Mana	ger		DATE	8/30/01
	100	1	*/0		one and Sna									

UNITED STA DEPARTMENT OF TH	HE INTERIOR	FORM AFFROVED Budget Bireau No 1004-0135
BUREAU OF LAND M.	ANAGEMENT	Expires March 31, 1993
SUNDRY NOTICES AND RE	PORTS ON WELLS	5. Lease Designation and Serial No. MDA 701-98-0013
Do not use this form for proposals to drill or to de Use "APPLICATION FOR PERMIT	•	6. If Indian, Allotte or Tribe Name Jicarilla Apache Tri
SUBMIT IN TRIPLICATE		7. If Unit or CA, Agreement Designation
Type of Well Oil Well X Gas Well Other:		N/A
Name of Operator Mallon Oil Company		8. Well Name and No. Jicarilla 30-03-34 No. 4
. Address and Telephone No. P.O. Box 2797 Durango, CO 81302	(970) 382-9100	9. Well API No. 30-039-26733
Location of Well (Footage, Sec., T., R., M., or Survey Description)		10. Field and Pool, or Exploratory Area East Blanco; Pictured Cliff
2066' FSL and 2018' FEL (NW/SE) Unit J Sec. 34, T30N-R03W		11. County or Parish, State Rio Arriba County, NM
2 CHECK APPROPRIATE BOX(S) TO	INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE	OF ACTION
Notice of Intent	Abandonment	Change of Plans
X Subsequent Report	Recompletion Plugging Back	New Construction Non-Routine Fracturing
Final Abandonment Notice	Casing Repair Altering Casing	Water Shut-Off Conversion to Injection
 .	X Other: Spud and	Dispose Water
	Surface Casing	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent		
subsurface locations and measured and true vertical depths for all markers and zones	s pertinent to this zone.)*	

Type III cmt, circulated 10 bbls of cement to surface.

En ALBORITAN STATES 14. I her Title Office Manager Signed Lands and Mineral Resources Title Approved B

18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as

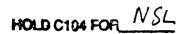
as to any matter within its jurisdiction

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Ä	Form 3160-3			LIMITE	D CT A TEC				UBMIT IN TRIFE.		FORM APPRO	
W	(V 1992)		DEPAR'		D STATES OF THE IN	TER	IOR .		Other instruction	ns on	OMB NO. 1004	
V					D MANAGEN		[• :	i leve	rse side)		5. LEASE DESIGNATION A	
		APPLI			RMIT TO DE			:NI			MDA 701-98-0013	
	1a TYPE OF WORK	Arrel	CATION	TORTE	KWIII TO DI	\ILL	OK BELFE	-11			6. IF INDIAN, ALLOTTEE C	
	ia theorysmi	Drill	X ~		Deepen						Jicarilla Apache	OK TRIBE NAIVIE
	b TYPE OF WELL				•						7. UNIT AGREEMENT NAM	ME
,	Oil Well	Gas Well	X	Other			Single Zone	М	ultiple Zone		N/A	
/	2. NAME OF OPERATO						- 11				8. FARM OR LEASE NAME	E, WELL NO
1		Mallon Oi	Compan	у					*****		Jicarilla 30-03-34	
/	3 ADDRESS AND TEL		2707				1000		10 to		9. APIWELL NO. 39-	7/72
/		P.O. Box: Durango,		12	(970) 382-9	100	1.00	X				
	4 LOCATION OF WEL							5) ==	1 4		10. FIELD AND POOL, OR E. Blanco, Picture	
	At surface	2066' FSL	and 201	8' FEL (1	W/SE) Uni	t J/~	75. Co.				11. SEC., T., R., M., OR BL	
						- 1	S.		n Bid		AND SURVEY OR AREA	
	At proposed prod zon	2066' FSL	. and 201	8' FEL (1	√W/SE) Uni	t J 🍾		10 m			J	
, 1	DISTANCE IN MILE					<u>, </u>	() () () () () () () () () ()		· · ·		Sec. 34, T30N-R0	
H	DISTANCE IN MILE				wn or post of New Mexic		For "		7		12. COUNTY OR PARISH Rio Arriba	13. STATE NM
N	5. DISTANCE FROM		201 01 01	Joinneid,	TACAN INICAIC		16. NO OF ACRE	ES IN LEA	SF ×	17 NO	OF ACRES ASSIGNED	14141
,	LOCATION TO NEARE								i de la constantina della constantina della cons	TO THIS		
	PROPERTY OR LEASE	LINE, FT		2039'			39,360				160 / سم	
	(Also to nearest drig un								· ·		3/=/4	
	18 DISTANCE FROM				00001	ĺ	19. PROPOSED		0.01	20. RO	TARY OR CABLE TOOLS	
	TO NEAREST WELL, D		•		2800'	ı		40	00' —		Rotary	
	OR APPLIED FOR, ON			The N	7259' GR -		22. APPROX.DATE	WODK MI	LCTACT	L	12/10/00	
	21 ELEVATIONS (SHC) 23	AN ANDETHEK	DF, KT, GK, I		POSED CASI						12/10/00	
	SIZE OF HOLE	GRADE	SIZE OF CA				R FOOT		ETTING DEPT	Н	QUANTITY OF C	CEMENT
_	12-1/4"		8-5/8"			24		1	250'	···	Circulate to surface	
4	7-7/8"		5-1/2"			15.	5#		4000'	_	730 sks circ. To s	urface _
14.												
								1				
					•			•			•	
									01:00		- 1 11 21 1	1.20
	on an existing p	ipany prop	oses to c	iriii to a (pepin suffici	ent t	o test the P	icturea	Cliffs for	matio	n. The well will be	arillea
	Specific progra	ms as ner	on-shore	Oil and	Gas Order N	νου. Νο 1	are outline	d				
	in the following			on and		10. 1	are odilire	•				
	9										_	
	Drilling Program											<u> </u>
		ow Out Pre			t/Plan		Exhibit D: Exhibit E:	Drillin	g Site La iction Fac	yout		
		ads and F		ii Piat			Exhibit F:	H2S	Continger	ocy Pl	an	
		ne Mile Ra					Exhibit G:				ssment / Arch surv	eγ
			•	RAM: If propo	isal is to deepen, o	give da					roductive zone If proposal i	-
	to drill or deepen direct											
	24		1							·····	<u> </u>	
			^	1				_				
	SIGNED:		ممكنتي	d\	<u> </u>	TLE:	Operations	Super	intendent		_ DATE	03/06/01
	16	rry L ande m	ian		 		 					
	(This space for Federal	l or State office	use)									
	(**************************************		,									
	PERMIT NO								APPROVAL	DATE		
											- CAL AL N	
	Application approval de	oes not warrant	or certify that	the applicant	holds legal or equi	itable ti	itle to those rights	in the sub	ect lease whic	h would	entitle the applicant to condu	ıcı
	operations thereon											
	CONDITIONS OF APP	ICONTAL IC AND	,									

Title 18 U.S.C. Section 1001, makes 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.

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*See Instructions On Reverse Side



APPROVED BY

/s/ Brian W. Davis



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