

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

| | | |
|--|--|---|
| ¹ Operator Name and Address Apache Corporation 6120 S Yale Ave, Suite 1500 Tulsa, OK 74136-4224 | | ² GRID Number 00873 |
| ³ Property Code 35591 | ⁴ Property Name Apache State Q | ⁵ API Number 30-025-25108 |
| ⁹ Proposed Pool 1 Eunice Monument; Grayburg - San Andres | | ⁶ Well No. 006 |
| ⁹ Proposed Pool 1 | | ¹⁰ Proposed Pool 2 |

⁷ Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/Westline | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|---------------|--------|
| P | 16 | 20S | 37E | | 660 | South | 660 | East | Lea |

⁸ Proposed 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/Westline | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|---------------|--------|
| | | | | | | | | | |

Additional Well Information

| | | | | |
|--|--|--|------------------------------------|---|
| ¹¹ Work Type Code A P | ¹² Well Type Code O | ¹³ Cable/Rotary | ¹⁴ Lease Type Code S | ¹⁵ Ground Level Elevation 3544' |
| ¹⁶ Multiple No | ¹⁷ Proposed Depth 5249' TD / +/- 5100' PBD | ¹⁸ Formation Grayburg | ¹⁹ Contractor | ²⁰ Spud Date OPEN |
| Depth to Groundwater | | Distance from nearest fresh water well | | Distance from nearest surface water |
| Pit: Liner: Synthetic <input type="checkbox"/> milsthick Clay <input type="checkbox"/> Pit Volume: ___ bbls Drilling Method: _____ | | | | |
| Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/> | | | | |

²¹ Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|-----------------------|
| 12-1/4" | 9-5/8" | 36# | 1098' | 550 | TOC - circ |
| 8-3/4" | 7" | 23# | 3599' | 700 | TOC - 1810' TS |
| 6-1/4" | 5" | 15# | 5249' | 230 | TOC - Liner Top, circ |
| | | | | | |

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Current Profile:

- Paddock perforations fr/ 5182-5213', currently producing
Apache proposes to recomplete this well to the Grayburg via the following procedure:
- MIRU pulling unit. Tag PBTD'
 - Run logs from PBTD to +/- 2000'.
 - Perforate Grayburg at interval selected by engineer.
 - RIH w/ CIBP and set at +/- 5100' over Paddock.
 - Acidize Grayburg interval.
 - RWTP from Grayburg.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Plugback

| | | |
|---|--|--|
| ²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> . | OIL CONSERVATION DIVISION | |
| Printed name: Sophie Mackay | Approved by: <i>Chris Williams</i> | |
| Title: Engineering Tech | Title: DISTRICT SUPERVISOR/GENERAL MANAGER | |
| E-mail Address: sophie.mackay@apachecorp.com | Approval Date: JAN 22 2008 | Expiration Date: |
| Date: 01/18/2008 | Phone: (918)491-4864 | Conditions of Approval Attached <input type="checkbox"/> |

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | |
|----------------------------|-------------------------------------|--------------------|---|
| API Number 30-025-25108 | | Pool Code 23000 | Pool Name Eunice Monument; Grayburg - San Andres |
| Property Code 35591 | Property Name Apache State Q | | Well Number 006 |
| OGRID No. 00873 | Operator Name Apache Corporation | | Elevation 3544' |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| P | 16 | 20S | 37E | | 660 | South | 660 | East | Lea |

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 Acres 40 | | | | Joint or Infill | | Consolidation Code | | 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 | | | | | ¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. |
| | | | | | Signature: <u>Sophie Mackay</u> Date: <u>01/18/2008</u> Printed Name: <u>Sophie Mackay</u> |
| | | | | | 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 Seal of Professional Surveyor: |
| | | | | | Certificate Number |

