

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



Apache
Birdie Fed #18

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

6/7/15

Application Acronyms:

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Simultaneous Dedication
 NSL NSP SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR

[D] Other: Specify _____

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

- [A] Working, Royalty or Overriding Royalty Interest Owners
- [B] Offset Operators, Leaseholders or Surface Owner
- [C] Application is One Which Requires Published Legal Notice
- [D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] Waivers are Attached

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 RECEIVED OGD

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

David Catanach
 Print or Type Name

Signature

Date

David Catanach

11/19/12

Agent for Apache Corporation
 Title

drcatanach@netscape.com
 E-Mail Address

November 19, 2012

Hand Delivered

New Mexico Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505

Attention: Ms. Jami Bailey, CPG
Division Director

Re: Application for Unorthodox Well Location
Birdie Federal No. 18
API No. (Not Assigned Yet)
2310' FNL & 1600' FEL (Unit G)
Section 17, T-17 South, R-30 East, NMPM,
Eddy County, New Mexico

Dear Ms. Bailey:

Pursuant to Division Rule 19.15.15.13, Apache Corporation ("Apache") respectfully requests administrative approval of an unorthodox oil well location for its proposed Birdie Federal No. 18. This well will be drilled as a development oil well in the Loco Hills Glorieta-Yeso Pool (96718).

The proposed Birdie Federal No. 18 will be dedicated to an existing standard 40-acre oil spacing and proration unit in the Loco Hills Glorieta-Yeso Pool comprising the SW/4 NE/4 of Section 17. This unit is currently dedicated to Apache's existing: i) Birdie Federal No. 7 (API No. 30-015-37162) located at a standard well location 1750 feet from the North line and 2310 feet from the East line; and ii) existing Birdie Federal No. 8 (API No. 30-015-36414) located at an unorthodox well location 1600 feet from the North line and 1650 feet from the East line.

The Loco Hills Glorieta-Yeso Pool is currently governed by Division Rule 19.19.15.9 which requires standard 40-acre oil spacing and proration units with wells to be located no closer than 330 feet to the outer boundary of the spacing unit.

The attached vicinity map shows that the proposed unorthodox well location is necessary in order to avoid an existing pipeline.

The affected offset tracts are the SE/4 NE/4 and NE/4 SE/4 of Section 17. Both affected offset 40-acre tracts are currently being developed in the Loco Hills Glorieta-Yeso Pool by numerous wells operated by Apache Corporation. Please note that the

working interest ownership between the SW/4 NE/4 and the two affected offset 40-acre tracts is common. Consequently, notice of this application is not required to any party.

Attached is a Form C-102 showing the proposed well, spacing unit, other existing wells in the spacing unit and the affected offset acreage. Also attached is a vicinity map.

In summary, approval of the application will provide Apache Corporation the opportunity to recover additional oil and gas reserves from the Loco Hills Glorieta-Yeso Pool underlying the SW/4 NE/4 of Section 17 that may otherwise not be recovered by the existing wells, thereby preventing waste, and will not violate correlative rights.

If you should have any questions, please call me at (505) 690-9453.

Sincerely,



David Catanach, Agent
Apache Corporation
303 Veterans Airpark Lane
Suite 3000
Midland, Texas 79705

Xc: OCD-Artesia

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 July 16, 2010
Submit one copy to appropriate
District Office
 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|--------------------------------|--|---|
| API Number N/A | Pool Code 96718 | Pool Name Loco Hills Glorieta-Yeso Pool |
| Property Code 308707 | Property Name Birdie Federal | Well Number 18 |
| OGRID No. 873 | Operator Name Apache Corporation | Elevation 3675' |

Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|-----------|-----------------|----------------|---------|---------------|------------------|---------------|----------------|-------------|
| G | 17 | 17 South | 30 East | | 2310 | North | 1600 | East | Eddy |

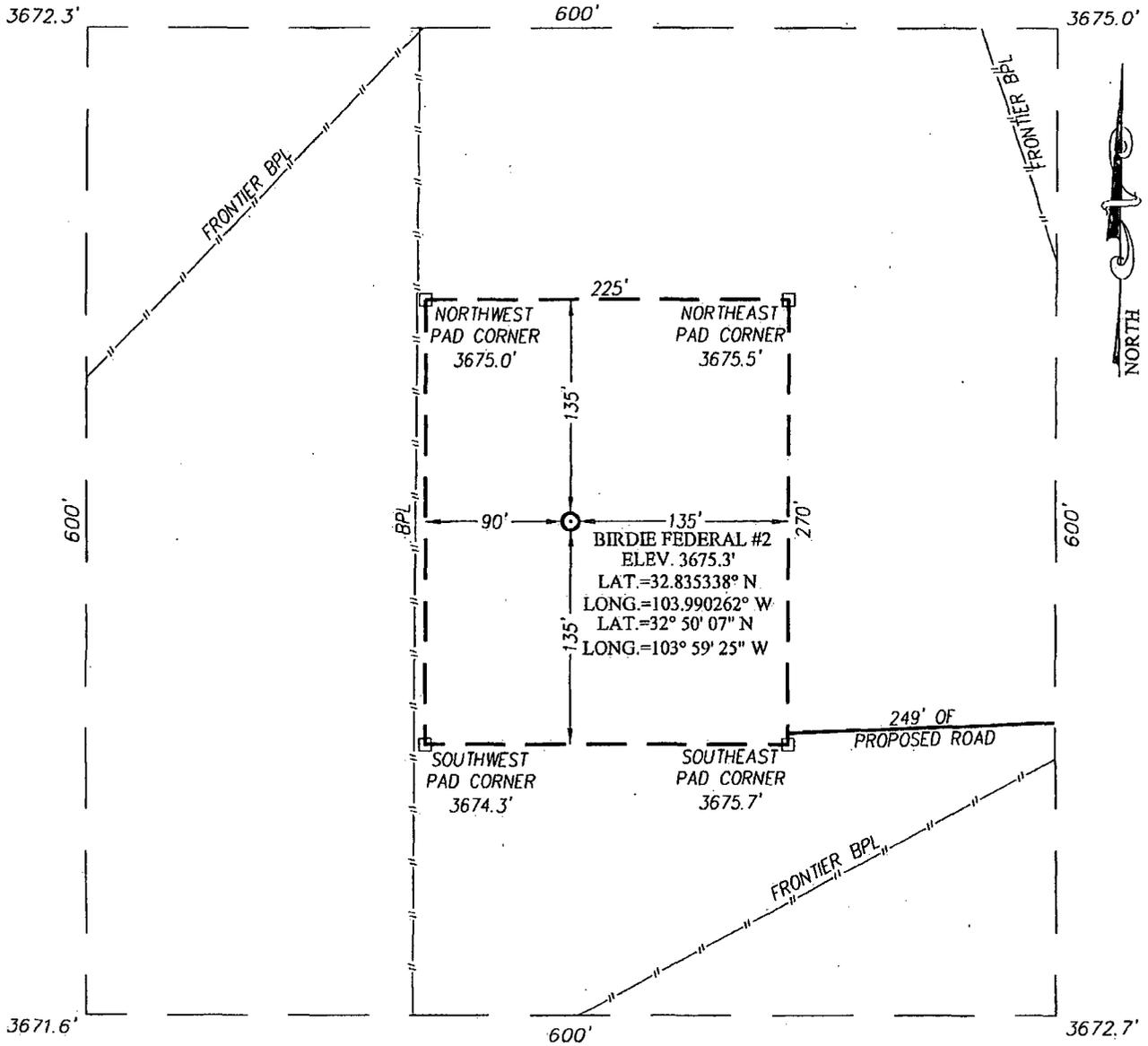
Bottom Hole Location If Different From Surface

| 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 | Consolidate 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

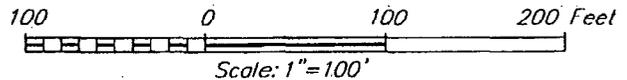
| | |
|--|--|
| | <p align="center">OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottomhole 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.</i></p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> |
| | <p align="center">SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>Date of Survey _____</p> <p>Signature and Seal of Professional Surveyor: _____</p> <p>Certificate Number _____</p> |

SECTION 17, TOWNSHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M.
 EDDY COUNTY NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF U.S. HWY. #82 AND C.R. #217 GO NORTH ON C.R. #217 FOR APPROX. 1.2 MILES. TURN LEFT AND GO WEST APPROX. 0.2 MILES. TURN LEFT AND GO SOUTH APPROX. 230 FEET TO THE EXISTING APACHE BIRDIE FEDERAL #17 WELL. FROM THE NORTHWEST CORNER OF THE BIRDIE FEDERAL #17 WELL FOLLOW ROAD SURVEY WEST APPROX. 249 FEET TO THIS LOCATION.



APACHE CORPORATION

BIRDIE FEDERAL #18 WELL
 LOCATED 2310 FEET FROM THE NORTH LINE
 AND 1600 FEET FROM THE EAST LINE OF SECTION 17,
 TOWNSHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M.,
 EDDY COUNTY, NEW MEXICO

| | | |
|-------------------------|---------------------|-------------------------|
| Survey Date: 11/30/11 | Sheet 1 of 1 Sheets | |
| W.O. Number: 11.11.2357 | Dr. By: AF | Rev 1: |
| Date: 12/8/11 | Rel. W.O.: | 11112357 Scale: 1"=100' |

PROVIDING SURVEYING SERVICES
 SINCE 1946
JOHN WEST SURVEYING COMPANY
 412 N. DAL PASO
 HOBBS, N.M. 88240
 (575) 393-3117