<u>District I</u> 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

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State of New Mexico **Energy Minerals and Natural Resources** Department Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

For temporary pits, closed-loop systems, and below-grade tanks, submit to the appropriate NMOCD District Office.

For permanent pits and exceptions submit to

the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

## Pit Closed-Loon System Below-Grade Tank or

Proposed Alternative Method Permit or Closure Plan Application									
Type of action:  Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method  Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method  Modification to an existing permit  Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method									
Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request									
Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.									
1.         Operator:         Williams Operating Co, LLC         OGRID #:         120782									
Address: PO Box 640 / 721 S Main Aztec, NM 87410									
Facility or well name: <u>Jicarilla 93 #014</u>									
API Number:30-039-29876 OCD Permit Number:									
U/L or Qtr/Qtr H Section 32 Township 27N Range 03W County: Rio Arriba									
Center of Proposed Design: Latitude       36° 31′ 55.04045″ N       Longitude       -107° 09′ 36.14784″ W       NAD: □1927 ⋈ 1983									
Surface Owner:   Federal   State   Private   Tribal Trust or Indian Allotment									
2.									
3.  Closed-loop System: Subsection H of 19.15.17.11 NMAC									
Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)									
☐ Drying Pad ☐ Above Ground Steel Tanks ☐ Haul-off Bins ☐ Other									
☐ Lined ☐ Unlined Liner type: Thicknessmil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other									
Drying Pad									
Volume:bbl Type of fluid:  Tank Construction material:									
Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off									
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other									
Liner type: Thickness mil  HDPE PVC Other									

Alternative Method:

Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks)	
Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, institution or church)	hospital,
Four foot height, four strands of barbed wire evenly spaced between one and four feet	
Alternate. Please specify per BLM Spec	
7.	
Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)	
☐ Screen ☐ Netting ☐ Other ☐ Monthly inspections (If netting or screening is not physically feasible)	
inspections (if netting or screening is not physically feasible)	
Signs: Subsection C of 19.15.17.11 NMAC	
☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers	
☑ Signed in compliance with 19.15.3.103 NMAC	
9.	
Administrative Approvals and Exceptions:  Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.	
Please check a box if one or more of the following is requested, if not leave blank:  Administrative approval(s): Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bureau of the Santa Fe En	office for
consideration of approval.	5111 <b>00</b> 101
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	
Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of accept material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of a Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drying above-grade tanks associated with a closed-loop system.	priate district pproval.
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank.  - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☑ No
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).  - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ⊠ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.  (Applies to temporary, emergency, or cavitation pits and below-grade tanks)  - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☑ No ☐ NA
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to permanent pits)	☐ Yes ☐ No ☑ NA
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ⊠ No
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.  - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Tes ☑ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended.  - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☒ No
Within 500 feet of a wetland.  - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ⊠ No
Within the area overlying a subsurface mine.  - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ⊠ No
Within an unstable area.  - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☑ No
Within a 100-year floodplain FEMA map	☐ Yes 🖾 No

Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC  Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.    Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC   Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC   Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC   Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC   Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC   Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC   Previously Approved Design (attach copy of design)   API Number:
Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC  Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.  Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9  Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC  Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC  Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC  Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
☐ Previously Approved Operating and Maintenance Plan API Number:
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC   Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.   Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC   Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC   Climatological Factors Assessment   Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC   Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC   Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC   Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC   Quality Control/Quality Assurance Construction and Installation Plan   Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC   Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC   Nuisance or Hazardous Odors, including H <sub>2</sub> S, Prevention Plan   Oil Field Waste Stream Characterization   Monitoring and Inspection Plan   Erosion Control Plan   Erosion Control Plan   Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
Proposed Closure: 19.15.17.13 NMAC   Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.    Type: Drilling Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Closed-loop System Alternative   Alternative   Waste Excavation and Removal Waste Removal (Closed-loop systems only)   On-site Closure Method (Only for temporary pits and closed-loop systems)   In-place Burial On-site Trench Burial Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.    Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC   Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC   Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)   Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC   Re-vegetation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

C-144 Page 3 of 17 Jicarilla 93 #14

Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Instructions: Please indentify the facility or facilities for the disposal of liquids, facilities are required.								
Disposal Facility Name:	Disposal Facility Permit Number:							
Disposal Facility Name:	Disposal Facility Permit Number:							
Will any of the proposed closed-loop system operations and associated activities o ☐ Yes (If yes, please provide the information below) ☐ No	ccur on or in areas that will not be used for future serv	vice and operations?						
Required for impacted areas which will not be used for future service and operation  Soil Backfill and Cover Design Specifications based upon the appropriate Re-vegetation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection	e requirements of Subsection H of 19.15.17.13 NMAC 1 I of 19.15.17.13 NMAC	C						
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the provided below. Requests regarding changes to certain siting criteria may required considered an exception which must be submitted to the Santa Fe Environmenta demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC	re administrative approval from the appropriate disti Il Bureau office for consideration of approval. Justi	rict office or may be						
Ground water is less than 50 feet below the bottom of the buried waste.  - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells  \[ \sum_{NA} \] \[ \sum_{NA} \]								
Ground water is between 50 and 100 feet below the bottom of the buried waste  NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells  Yes  NA								
Ground water is more than 100 feet below the bottom of the buried waste.  - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells  \[ \sumset \text{Yes} \] \[ \sumset \text{NA} \]								
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).  - Topographic map; Visual inspection (certification) of the proposed site  □ Yes ☑								
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.  - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image								
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.  - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site								
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended.  - Written confirmation or verification from the municipality; Written approval obtained from the municipality								
Within 500 feet of a wetland.  - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site								
Within the area overlying a subsurface mine.  - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division								
<ul> <li>Within an unstable area.</li> <li>Engineering measures incorporated into the design; NM Bureau of Geolog Society; Topographic map</li> </ul>	gy & Mineral Resources; USGS; NM Geological	☐ Yes ⊠ No						
Within a 100-year floodplain FEMA map		☐ Yes ⊠ No						
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the by a check mark in the box, that the documents are attached.  Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of Construction/Design Plan of Burial Trench (if applicable) based upon the a Construction/Design Plan of Temporary Pit (for in-place burial of a drying protocols and Procedures - based upon the appropriate requirements of 19.1 Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection Disposal Facility Name and Permit Number (for liquids, drilling fluids and Soil Cover Design - based upon the appropriate requirements of Subsection Re-vegetation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection	quirements of 19.15.17.10 NMAC  f Subsection F of 19.15.17.13 NMAC  ppropriate requirements of 19.15.17.11 NMAC  pad) - based upon the appropriate requirements of 19.  5.17.13 NMAC  quirements of Subsection F of 19.15.17.13 NMAC  f Subsection F of 19.15.17.13 NMAC  drill cuttings or in case on-site closure standards cann  H of 19.15.17.13 NMAC  1 of 19.15.17.13 NMAC	15.17.11 NMAC						

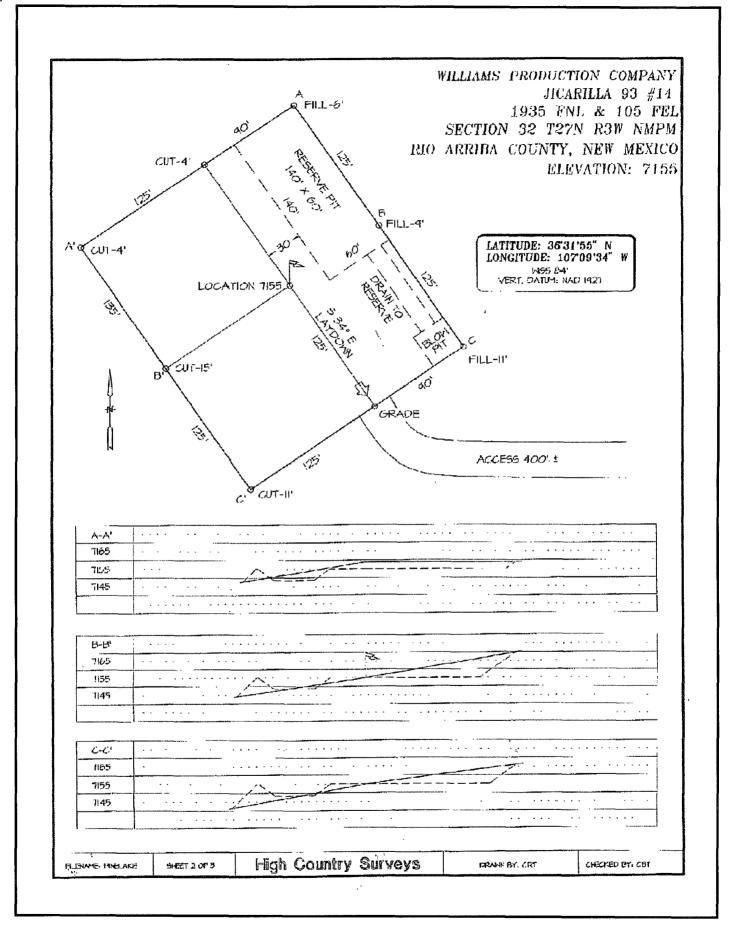
,	
Operator Application Certification:  I hereby certify that the information submitted with this application is tr	ue, accurate and complete to the best of my knowledge and belief.
Name (Print): Michael K. Lane	Title: Sr. EH & S Specialist
Signature:	Date: 10/14/08
e-mail address: myke.lane@williams.com	Telephone: 505-634-4219
OCD Approval: Permit Application (including closure plan)	Closure Plan (only) OCD Conditions (see attachment)
OCD Representative Signature: Ball bell	Approval Date:
Title: Enviro/spec	OCD Permit Number:
	an prior to implementing any closure activities and submitting the closure report.  days of the completion of the closure activities. Please do not complete this
	Closure Completion Date.
22. Closure Method: Waste Excavation and Removal On-Site Closure Method If different from approved plan, please explain.	Alternative Closure Method
Instructions: Please indentify the facility or facilities for where the liq two facilities were utilized.  Disposal Facility Name:  Disposal Facility Name:  Were the closed-loop system operations and associated activities perform  Yes (If yes, please demonstrate compliance to the items below)  Required for impacted areas which will not be used for future service an  Site Reclamation (Photo Documentation)  Boil Backfilling and Cover Installation  Re-vegetation Application Rates and Seeding Technique  24.  Closure Report Attachment Checklist: Instructions: Each of the follower in the box, that the documents are attached.  Proof of Closure Notice (surface owner and division)	Disposal Facility Permit Number:
<ul> <li>□ Proof of Deed Notice (required for on-site closure)</li> <li>□ Plot Plan (for on-site closures and temporary pits)</li> <li>□ Confirmation Sampling Analytical Results (if applicable)</li> <li>□ Waste Material Sampling Analytical Results (required for on-site</li> <li>□ Disposal Facility Name and Permit Number</li> <li>□ Soil Backfilling and Cover Installation</li> <li>□ Re-vegetation Application Rates and Seeding Technique</li> <li>□ Site Reclamation (Photo Documentation)</li> <li>○ On-site Closure Location: Latitude</li> </ul>	closure)Longitude NAD: □1927 □ 1983
Operator Closure Certification:	closure report is true, accurate and complete to the best of my knowledge and requirements and conditions specified in the approved closure plan.
Signature:	Date:
e-mail address:	Telephone:

Districtii 1625 N. French Dr., Hobbs, NM 58240 Districtiii 1201 W. Grand Avenue, Artesia, NM 58210 Districtiiii 1600 Rio Eranos Rd., Aztes, NM 58410 State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.

Form C-102 Revised June 10, 2003 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

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eud rid bertos kai Habilet IV	iii Rio Brazo : Rel., Aztec, NM 87410 inict N					Santa Fe, NM 87505					Fee Lease - 5 Copie			
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### Hydrogeological Report Williams Production Company, LLC Jicarilla 93 #14 Regional Hydrological Context

### **Referenced Well Location:**

The referenced well and pit is located on the Jicarilla Apache Reservation in Rio Arriba County, New Mexico. This site is positioned in the northeastern portion of the San Juan Basin, an asymmetrical syncline that extends from northwestern New Mexico into southwestern Colorado (Carson National Forest DEIS, 2007). Elevation of the referenced well is approximately 7155 feet MSL.

### **General Regional Groundwater Description:**

As a portion of the San Juan Basin, the Jicarilla Reservation is underlain by sandstone aquifers of the Colorado Plateau. The primary aquifer of potential concern at this location is the Unita-Animas Aquifer, composed primarily of Lower Tertiary rocks in the San Juan Basin. The aquifer consists of the San Jose Formation; the underlying Animas formation and its lateral equivalent, the Nacimiento formation; and the Ojo Alamo Sandstone. The thickness of the Unita-Animas aquifer generally increases toward the central part of the basin. In the northeastern part of the San Juan Basin, the maximum thickness of the aquifer is approximately 3500 feet (USGS, 2001). This aquifer contains fresh to moderately saline water.

Groundwater generally flows toward the San Juan River and it tributaries, where it becomes alluvial groundwater or is discharged to stream flow. Additional information regarding the Hydrogeologic setting can be found in the provided references.

**Site Specific Information:** 

Surface Hydrology: The pit is located in mid elevations on an eastern slope, draining towards

a wash associated with Tapicito Creek. There are no drainages within

200 feet of the pit.

1st Water Bearing Formation:San Jose, TertiaryFormation Thickness:Approximately 2200 ft.Underlying Formation:Nacimiento, Tertiary

**Depth to Groundwater:** Depth to groundwater is estimated at 100 feet bgs. There are no

iWATERS wells with recorded groundwater depth within a one-mile radius of the pit. However, cathodic data associated with Jicarilla 93 #7 (3800 feet from the pit) and #10 (4200 feet from the pit) show a depth to

moisture of 100 feet (see Siting Criteria Map I for details).

#### References:

Allen, Erin. Undated. Colorado Plateau Aquifers.

 $\underline{http://academic.emporia.edu/schulmem/hydro/TERM\%20PROJECTS/2007/Allen/Aquifer.html}.$ 

New Mexico Energy, Minerals and Natural Resources Department, Division of Mining and Minerals. Database. 2008. Internet accessed October 2008.

New Mexico Office of the State Engineer. October 2008. iWaters database. Internet accessed August 2008.

New Mexico WQCC. 2005. State of New Mexico Water Quality Act and the Water Control Commission Regulations.

United States Department of Agriculture, Forest Service. 2008. Final Environmental Impact Statement for Surface Management of Gas Leasing and Development. Jicarilla Ranger District, Carson National Forest, Rio Arriba County, New Mexico.

United States Department of the Interior. Bureau of Indian Affairs. 2008. BIA Jicarilla Agency and Jicarilla Apache Nation GIS databases. Accessed 2008.

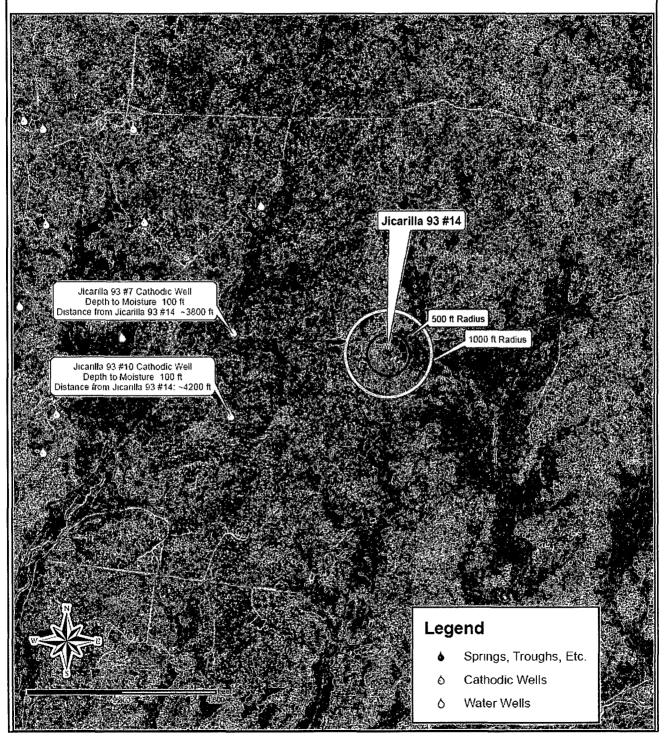
United States Department of the Interior. Bureau of Land Management. 2003. Final Farmington Resource Management Plan and Final Environmental Impact Statement. Farmington Field Office, Farmington, New Mexico.

United States Geological Survey. 2001. Groundwater Atlas of the United States: Arizona, Colorado, New Mexico and Utah. USGS Publication HA 730-C; <a href="http://capp.water.usgs.gov">http://capp.water.usgs.gov</a>.

### New Mexico Office of the State Engineer POD Reports and Downloads

Township: 27N Range: 03W Sections:
NAD27 X: Zone: Search Radius:
County:   Basin:   Number:   Suffix:
Owner Name: (First) (Last) C Non-Domestic C Domestic All
POD / Surface Data ReportAvg Depth to Water ReportWater Column Report
WATER COLUMN REPORT 10/01/2008
(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are biggest to smallest) Depth Depth Water (in feet) POD Number Tws Rng Sec q q q Zone X Y Well Water Column
No Records found, try again
New Mexico Office of the State Engineer POD Reports and Downloads
Township: 26N Range: 03W Sections:
NAD27 X: Zone: Search Radius:
County: Basin: Number: Suffix:
Owner Name: (First) (Last) C Non-Domestic C Domestic All
POD / Surface Data ReportAvg Depth to Water ReportWater Column Report
WATER COLUMN REPORT 10/01/2008
(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are biggest to smallest) Depth Depth Water
(in feet)  POD Number Tws Rng Sec q q q Zone X Y Well Water Column  No Records found, try again

# Siting Criteria Map I Water Wells, Cathodic Wells, & Springs Williams Exploration and Production Company Jicarilla 93 #14 T27N, R3W, Section 32, NMPM Rio Arriba County, New Mexico



# Siting Criteria Map II **Topographic Features** Williams Exploration and Production Company Jicarilla 93 #14 T27N, R3W, Section 32, NMPM Rio Arriba County, New Mexico Jicarilla 93 #14 200 ft radius 500 ft radius Legend Significant Washes or Waterways **USFWS-Designated Wetlands** Pine Lake 7.5 Minute USGS Quad

### FEMA Map - 100-Year Floodplain:

As this location is within the Jicarilla Reservation, FEMA maps are not available for the site. However, ortho and topographic maps indicate that the location is not within a floodplain.

### **Siting Criteria Compliance Demonstrations:**

The Jicarilla 93 #14 pit is not in an unstable location. The location is not situated over a mine or a steep slope (see attached New Mexico Mines, Mills, and Quarries Map). Excavated pit material will not be located within 300 feet of a continuously flowing water course; within 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake; or within 500 feet of any reported riparian areas or wetlands (see Siting Criteria Map II). The pit is not within 500 feet of any private, domestic fresh water well or spring or within 1000 feet of any other fresh water well or spring (see Siting Criteria Map I). The pit will not be within any incorporated municipal boundaries or defined municipal freshwater well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. The location of the proposed pit is not within 300 feet of any permanent residence, school, hospital, institution, or church.

### Lane, Myke (E&P)

From: Lane, Myke (E&P)

Sent: Tuesday, October 14, 2008 8:45 AM

**To:** Todd Osmera (TAOSMERA@JICARILLAONLINE.COM)

Cc: Brandon.powell@state.nm.us

Subject: Land Owner Notice - Jicarilla 93 #014 and Jicarilla 93 #015

### Mr. Osmera;

This correspondence is to notify the Jicarilla Tribe that Williams Production is planning to close the temporary pits associated with the drilling and completion of the reference wells on-site. The planned closure is consistent with the Surface Use Plans submitted with Williams APD, approved earlier.

This notice is to comply with the NMOCD Pit Rule 19.15.17 NMAC requirement to notify surface owners of the operator's intended closure method. If site conditions do not allow Williams to close in-place, we will provide your office with prior notice should the Tribe have any concerns.

Please contact us if there are any questions or additional information is required.

Michael K. (Myke) Lane, PE EH&S Team Leader - San Juan Basin Operations 721 S. Main/PO Box 640, Aztec, NM 87410 (505) 634-4219(off); -4205(fax); 330-3198(cell)

"The problems we face cannot be resolved at the same level of thinking as that which gave rise to them!"---shared with me by Brent Hale