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 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-Loop System, Below | w-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 below-grade tank, or proposed alternative method | g permitted or non-permitted | d pit, closed-loop system, | | | | | | | |
| Instructions: Please submit one application (Form C-144) per individual pit, co | losed-loon system helow-grad. | e tank or alternative reauest | | | | | | | |
| Please be advised that approval of this request does not relieve the operator of liability should open environment. Nor does approval relieve the operator of its responsibility to comply with any of | perations result in pollution of su | rface water, ground water or the | | | | | | | |
| Operator Williams Operating Co, LLC | OGRID #· | 120782 | | | | | | | |
| Address DOD (40/701 CM | | | | | | | | | |
| Facility or well name Cox Canyon #023 | | | | | | | | | |
| API Number 3004522573 30-045-22537 OC | | | | | | | | | |
| U/L or Qtr/Qtr <u>C</u> Section <u>17</u> Township <u>32N</u> Range | | | | | | | | | |
| Center of Proposed Design Latitude 36.98904 Longitude | | | | | | | | | |
| Surface Owner Federal State Private Tribal Trust or Indian Allotment | | | | | | | | | |
| Pit: Subsection F or G of 19 15.17.11 NMAC Temporary | PVC □ Other | —\ <u>c_</u> | | | | | | | |
| Closed-loop System: Subsection H of 19 15 17 11 NMAC | | 515050F8FT73 | | | | | | | |
| 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 Thickness mil LLDPE HDI | | | | | | | | | |
| Liner Seams Welded Factory Other | | | | | | | | | |
| 4 | | | | | | | | | |
| Below-grade tank: Subsection I of 19 15.17.11 NMAC | | | | | | | | | |
| Volume120bbl Type of fluidProduced Water | | | | | | | | | |
| Tank Construction material Double wall, double bottom, Steel | | | | | | | | | |
| Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift a | nd automatic overflow shut-off | • | | | | | | | |
| ☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other | | | | | | | | | |
| Liner type Thicknessmıl | | | | | | | | | |
| 5 | · · · · · · · · · · · · · · · · · · · | | | | | | | | |
| Alternative Method: | | | | | | | | | |
| Submittal of an exception request is required Exceptions must be submitted to the Santa | a Fe Environmental Bureau off | ice 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, hospital, institution or church) Four foot height, four strands of barbed wire evenly spaced between one and four feet Alternate. Please specify | | | | | | |
|--|--------------------|--|--|--|--|--|
| 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) | | | | | | |
| 8. 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 | | | | | | |
| 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 consideration of approval Exception(s). Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval | office for | | | | | |
| 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 accepta 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 apply 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. | | | | | | |
| 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) - Visual inspection (certification) of the proposed site, Acrial photo; Satellite image | ☐ Yes ☐ No ☑ NA | | | | | |
| 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 | ☐ Yes ☒ 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 | | | | | | |

| 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 |
|---|
| 12 |
| 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 Design (attach copy of design) API Number. |
| Previously Approved Operating and Maintenance Plan API Number(Applies only to closed-loop system that use |
| above ground steel tanks or haul-off bins and propose to implement waste removal for closure) |
| Istructions: 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 Emergency Response Plan Oil Field Waste Stream Characterization Monitoring and Inspection 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 Proposed Closure Method. 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 |

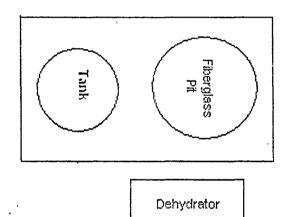
| Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Instructions: Please indentify the facility or facilities for the disposal of liquids, drilli. | | | | | | | | |
|---|---|-----------------------|--|--|--|--|--|--|
| facilities are required. | ig finius una urm cumings. Ose anachment if r | nore inan iwo | | | | | | |
| 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 occur on or in areas that will not be used for future service and operations? Yes (If yes, please provide the information below) No | | | | | | | | |
| Required for impacted areas which will not be used for future service and operations 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 I of 19 15 17 13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19 15 17.13 NMAC | | | | | | | | |
| Siting Criteria (regarding on-site closure methods only): 19 15 17 10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the closure provided below. Requests regarding changes to certain siting criteria may require additional considered an exception which must be submitted to the Santa Fe Environmental Burdemonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for grant considered. | ninistrative approval from the appropriate disti eau 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 obta | ained from nearby wells | ☐ Yes ☒ No ☐ 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 obta | ained from nearby wells | ⊠ Yes □ No □ 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 obta | ained from nearby wells | ☐ Yes ☑ No ☐ NA | | | | | | |
| Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significal lake (measured from the ordinary high-water mark) - Topographic map, Visual inspection (certification) of the proposed site | ant watercourse or lakebed, sinkhole, or playa | ☐ Yes ☒ No | | | | | | |
| 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 that watering purposes, or within 1000 horizontal feet of any other fresh water well or spring NM Office of the State Engineer - iWATERS database, Visual inspection (certification) | , in existence at the time of initial application. | ☐ Yes ⊠ No | | | | | | |
| Within incorporated municipal boundaries or within a defined municipal fresh water we adopted pursuant to NMSA 1978, Section 3-27-3, as amended - Written confirmation or verification from the municipality; Written approval ob | • | ☐ Yes ⊠ No | | | | | | |
| Within 500 feet of a wetland US Fish and Wildlife Wetland Identification map, Topographic map; Visual ins | pection (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 & N Society; Topographic map | Anneral 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 foliopy a check mark in the box, that the documents are attached. Sting Criteria Compliance Demonstrations - based upon the appropriate requirem | nents of 19 15 17 10 NMAC | an. Please indicate, | | | | | | |
| Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19 15 17 13 NMAC Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.11 NMAC Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19 15 17 11 NMAC 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 Waste Material Sampling Plan - 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 or in case on-site closure standards cannot be achieved) □ Soil Cover Design - based upon the appropriate requirements of Subsection H of 19 15 17 13 NMAC □ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC □ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19 15 17 13 NMAC | | | | | | | | |

| Operator Application Certification: I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief | | | | | | | | |
|--|--|--|--|--|--|--|--|--|
| Name (Print) Michael K_Lane Title Sr EH & S Specialist | | | | | | | | |
| Signature. Date <u>8/31/10</u> | | | | | | | | |
| e-mail address: myke.lane@williams.com Telephone: 505-634-4219 | | | | | | | | |
| 20. OCD Approval: Permit Application (including of sure plan) Glosure Plan (only) OCD Conditions (see attachment) | | | | | | | | |
| OCD Representative Signature: Approval Date: 5/30/2012 | | | | | | | | |
| Title: Compliance Office OCD Permit Number: | | | | | | | | |
| | | | | | | | | |
| Closure Report (required within 60 days of closure completion): Subsection K of 19 15 17 13 NMAC Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed. | | | | | | | | |
| Closure Completion Date: | | | | | | | | |
| Closure Method: Waste Excavation and Removal On-Site Closure Method Alternative Closure Method Waste Removal (Closed-loop systems only) If different from approved plan, please explain | | | | | | | | |
| Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: Instructions: Please indentify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized. | | | | | | | | |
| Disposal Facility Name: Disposal Facility Permit Number. Disposal Facility Permit Number. | | | | | | | | |
| Disposal Facility Name: Disposal Facility Permit Number Were the closed-loop system operations and associated activities performed on or in areas that will not be used for future service and operations? | | | | | | | | |
| ☐ Yes (If yes, please demonstrate compliance to the items below) ☐ No | | | | | | | | |
| Required for impacted areas which will not be used for future service and operations Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique | | | | | | | | |
| 24. | | | | | | | | |
| Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure) Plot Plan (for on-site closures and temporary pits) | | | | | | | | |
| ☐ Confirmation Sampling Analytical Results (if applicable) ☐ Waste Material Sampling Analytical Results (required for on-site closure) ☐ Disposal Facility Name and Permit Number | | | | | | | | |
| Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique | | | | | | | | |
| Site Reclamation (Photo Documentation) | | | | | | | | |
| On-site Closure Location Latitude Longitude NAD. 1927 1983 | | | | | | | | |
| Operator Closure Certification: | | | | | | | | |
| I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan. | | | | | | | | |
| Name (Print)· Title | | | | | | | | |
| Signature Date: | | | | | | | | |
| e-mail address | | | | | | | | |



Cox Canyon #23





meter house

well head

Hydrogeological Report Williams Production Company, LLC Cox Canyon #023 Regional Hydrological Context

Referenced Well Location:

The referenced well and pit is located on Bureau of Land Management within Farmington Field Office (BLM-FFO) jurisdiction in San Juan 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 6,632 feet MSL.

General Regional Groundwater Description:

As a portion of the San Juan Basin, the FFO region 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 a southern slope No

drainages are located within 300 feet of the pit.

1st Water Bearing Formation: San Jose, Tertiary
Formation Thickness: Approximately 1,900 ft.
Underlying Formation: Nacimiento, Tertiary

Depth to Groundwater: Depth to groundwater is estimated at 50 to 100 feet bgs. The

nearest IWATERS well with recorded depth data is SJ-01360 approximately 5,275 feet to the south and has a depth to groundwater recorded as 180 feet bgs. A cathodic well Cox Canyon 7-17 approximately 1,237 feet show depth to moisture at 100 feet (see Siting Criteria Map I for details). Elevation difference between the two wellsite indicate the depth to water at

the reference well will be approximately 50 feet bgs.

References:

Allen, Erin. Undated Colorado Plateau Aquifers.

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 2009. Internet accessed February 2009

New Mexico Office of the State Engineer. June, 2010. iWaters database. Internet accessed June, 2010.

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 Land Management. 2003. Final Farmington Resource Management Plan and Final Environmental Impact Statement. Farmington Field Office, Farmington, New Mexico.

United States Geological Survey 2001 Ground Water Atlas of the United States: Arizona, Colorado, New Mexico and Utah. USGS Publication HA 730-C; http://capp.water.usgs.gov.



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(quarters are 1=NW 2=NE 3=SW 4=SE)

| | ····· | | (quarters are smallest to largest) | | | | | | est) | (NAD83 UTM | (In feet) | | | |
|------------|---------|----|------------------------------------|----|----|----|-----|------|------|------------|--------------------|---------|--------|-------|
| | Sub | | | Q | Q | Q | | | | | | Depth i | Depth | Wäter |
| POD Number | basin U | se | County | 64 | 16 | 4 | Sec | Tws | Rng | <u> </u> | Ϋ́ Ϋ́ | Well | WaterC | olumn |
| SJ 00017 | 11 | ΝĐ | SJ | | | 2 | 24 | 3211 | 1170 | 238546 | 4096052' | 105 | | |
| SJ 00020 | N | ОТ | SJ | | | 3 | 29 | 32N | 11W | 231467 | 4093877* | 588 | | |
| SJ 00021 | М | ОТ | SJ | | | 3. | 23 | 32N | 11W | 238177 | 40953041 | 585 | | |
| SJ 00026 | 41 | סא | SJ | | | 2 | 33 | 32N | 11W | 233717 | 4092955' | 321 | | |
| SJ 01327 | \$ | тк | SJ | 3 | 2 | 2 | 23 | 32N | 11W | 237092 | 40961871 | 99 | 50 | 40 |
| SJ 01360 | 8 | ŦΚ | sı | | 2 | 2 | 19 | 3211 | 11W | 230954 | 4098508* | 180 | 155 | 25 |
| SJ 03865 | 5 | TK | SJ | 2 | 3 | 4 | 20 | 32N | 11W | 232217 | 4095306 | 200 | | |
| | | | | | | | | | | Aver | age Depth to Water | | 102 f | eet |
| | | | | | | | | | | | Minimum Depth | | 50 f | eet |
| | | | | | | | | | | | Maximum Depth: | | 155 f | eet |

Record Count: 7

PLSS Search:

Township: 32N Range: 11W

*UTM location was derived from PLSS - see Help

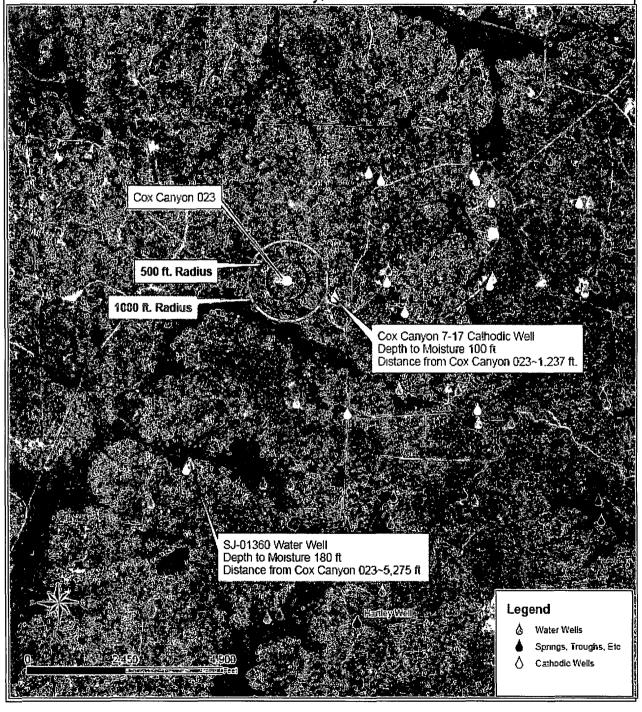
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data

6/30/10 2:37 PM

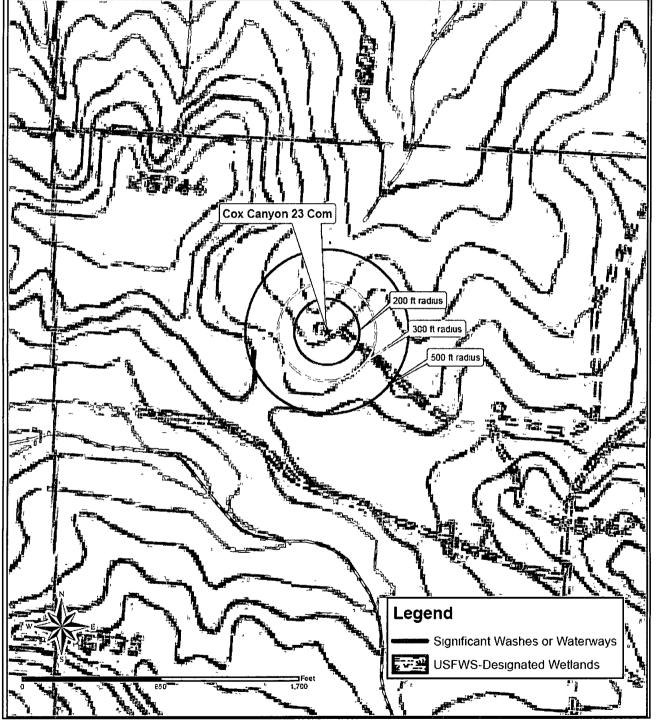
Page 1 of 1

WATER COLUMN/ AVERAGE DEPTH TO WATER

Siting Criteria Map I
Water Wells, Cathodic Wells, & Springs
Williams Production Company, LLC
Cox Canyon #023
T32N, R11W, Section 17 NMPM
San Juan County, New Mexico

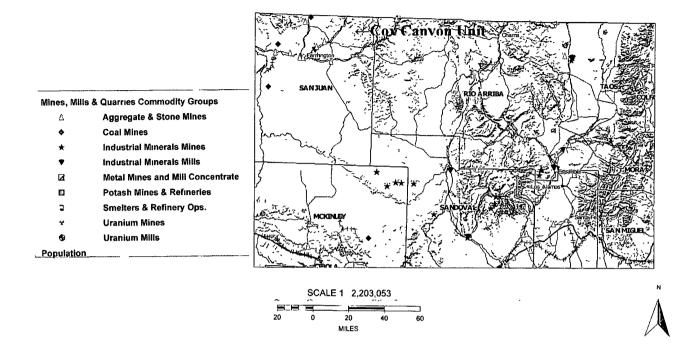


Siting Criteria Map II
Topographic Features
Williams Exploration and Production Company
Cox Canyon #23 Com
T32N, R11W, Section 17, NMPM
San Juan County, New Mexico



Page 10 of 13 Cox Canyon #023

MMQonline Public Version



FEMA Map - 100-Year Floodplain:

According to FEMA records, this site is not located in a 100-year floodplain (see attached FEMA map).

Siting Criteria Compliance Demonstrations:

The Cox Canyon #023 well is not located in an unstable area. The location is not situated over a mine or a steep slope. Excavated pit material will not be located within 300 feet of a continuously flowing water course or within 200 feet of any other significant water course, lakebed, sinkhole, or playa lake (see Siting Criteria Map II). The site is not within 500 feet of any reported riparian areas or wetlands (see attached USFWS wetland map); 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.

