


## DRILLING PLANS AND PROCEDURES

27. Is H2S anticipated? $\square$ Yes No If Yes, attach contingency plan.
28. Will salt sections be encountered during drilling?

Yes $\quad$ X No
29. Will salt ( $>15,000 \mathrm{ppm}$ TDS CL) or oil based muds be used during drilling? $\square$ Yes $\bar{X}$ No
30. If questions 27 or 28 are yes, is this location in a sensitive area (Rule 903)? $\square$ Yes $\bar{X}$ No

If 28, 29, or 30 are "Yes" a pit permit may be required.

Offsite
区 Onsite
Method: Land Farming Land Spreading
$\square$ Disposal Facility
Other: Re-Use, Evap \& Backfill
Note: The use of an earthen pit for Recompletion fluids requires a pit permit (Rule 905b). If air/gas drilling, notify local fire officials.

| Casing Type | Size of Hole | Size of Casing | Weight Per Foot | Setting Depth | Sacks Cement | Cement Bottom | Cement Top |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CONDUCTOR | 24 | 18 | 48 | 45 | 25 | 45 | 0 |
| SURF | $13+1 / 2$ | $9+5 / 8$ | 32.3 | 1,157 | 404 | 1,157 | 0 |
| 1 ST | $7+7 / 8$ | $4+1 / 2$ | 11.6 | 6,728 | 541 | 6,728 | 3,405 |

32. BOP Equipment Type: $\overline{\mathbf{x}}$ Annular Preventer $\overline{\mathbf{X}}$ Double Ram $\overline{\mathbf{X}}$ Rotating Head $\quad$ None
33. Comments Top of cement for production casing will be approx 200 feet above top of MEsaverde. Closed mud system will be used. Surface USe Agreement attached to form 2A.
34. Location ID:
35. Is this application in a Comprehensive Drilling Plan? $\square$ Yes ? No
36. Is this application part of submitted Oil and Gas Location Assessment? $\overline{\mathbf{X}}$ Yes $\square$ No

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.
Signed: $\qquad$ Print Name: Howard Harris

Title: Sr. Regulatory Specialist Date: 10/5/2010 Email: Howard.Harris@Williams.com

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

## COGCC Approved:

Director of COGCC
Date:

## API NUMBER

Permit Number: $\qquad$ Expiration Date:

CONDITIONS OF APPROVAL, IF ANY:

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

## Attachment Check List

| Att Doc Num | Name | Doc Description |
| :--- | :--- | :--- |
| 400096572 | FORM 2 SUBMITTED | 400096572. pdf |
| 400097731 | LEGAL/LEASE DESCRIPTION | T \& T Lease 41 Acres.pdf |
| 400097732 | PLAT | Location Plat PA 512-7.pdf |
| 400098280 | DEVIATED DRILLING PLAN | PA 512-7 dir page plot\#2 18Aug10 kjs.pdf |
| 400098281 | DEVIATED DRILLING PLAN | PA 512-7 dir plan\#2 18Aug10 kjs.pdf |

Total Attach: 5 Files

