

PLEASE TYPE OR USE BLACK INK ONLY
FORMATION RECORD

Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or drillstem tested.

LEASE NAME MOREHEAD

WELL NO. #1-14

| NAMES OF FORMATIONS | TOP |
|---------------------|--------|
| HOXBAR | 5,310' |
| DEESE | 7,798' |
| WOODFORD | 8,191' |
| HUNTON | 8,298' |

| FOR COMMISSION USE ONLY | |
|---|-------------------|
| ITD on file <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | |
| APPROVED <u>SDV</u> <u>4-6-2010</u> | DISAPPROVED _____ |
| 2) Reject Codes | |
| _____ | |
| _____ | |
| _____ | |

| | | |
|--|---|---|
| Were open hole logs run? | <input checked="" type="checkbox"/> yes | <input type="checkbox"/> no |
| Date Last log was run | 9/25/2009 | |
| Was CO ₂ encountered? | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> at what depths? |
| Was H ₂ S encountered? | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> at what depths? |
| Were unusual drilling circumstances encountered? | yes <input type="checkbox"/> no <input checked="" type="checkbox"/> | |
| If yes, briefly explain. | | |

Other remarks:

640 Acres

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BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

| SEC | TWP | RGE | COUNTY |
|----------------------|-------------------------|---|--------|
| Spot Location | Feet From 1/4 Sec Lines | | |
| 1/4 | 1/4 | 1/4 | 1/4 |
| Measured Total Depth | True Vertical Depth | BHL From Lease, Unit, or Property Line: | |

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERAL #1

| SEC | TWP | RGE | COUNTY |
|----------------------|-------------------------|--|--------------|
| Spot Location | Feet From 1/4 Sec Lines | | |
| 1/4 | 1/4 | 1/4 | 1/4 |
| Depth of Deviation | Radius of Turn | Direction | Total Length |
| Measured Total Depth | True Vertical Depth | End Pt Location From Lease, Unit or Property Line: | |

If more than three drainholes are proposed, attach a separate sheet indicating the necessary information.

Direction must be stated in degrees azimuth. Please note, the horizontal drainhole and its end point must be located within the boundaries of the lease or spacing unit.

Directional surveys are required for all drainholes and directional wells.

640 Acres

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LATERAL #2

| SEC | TWP | RGE | COUNTY |
|----------------------|-------------------------|--|--------------|
| Spot Location | Feet From 1/4 Sec Lines | | |
| 1/4 | 1/4 | 1/4 | 1/4 |
| Depth of Deviation | Radius of Turn | Direction | Total Length |
| Measured Total Depth | True Vertical Depth | End Pt Location From Lease, Unit or Property Line: | |

LATERAL #3

| SEC | TWP | RGE | COUNTY |
|----------------------|-------------------------|--|--------------|
| Spot Location | Feet From 1/4 Sec Lines | | |
| 1/4 | 1/4 | 1/4 | 1/4 |
| Depth of Deviation | Radius of Turn | Direction | Total Length |
| Measured Total Depth | True Vertical Depth | End Pt Location From Lease, Unit or Property Line: | |