



August 27, 2013

David D. Andrews, P.E., P.G.
Engineering Supervisor - Western Colorado
State of Colorado
Oil and Gas Conservation Commission
796 Megan Avenue, Suite 201
Rifle, Colorado 81650

RE: Unplanned Sidetrack - Mansur 33-1-N – API 05-077-09471-00

David,
We will be doing an unplanned on the above referenced well. The following is the information requested by the state:

- **Explain the situation that has resulted in the need to sidetrack** – After drilling the well to intermediate casing point, the BHA was retrieved. Upon tripping in the hole several tight spots were encountered. The hole was worked and washed down to bottom. The last two stands (120') had to be washed down. After circulating the hole, the first stand was tripped out. After breaking the connection, the second stand was stuck. The hole was packed off and could not be circulated. After several attempts to retrieve the decision was made to plug and sidetrack.
- **Total measured depth reached in the wellbore being plugged back** – 4020' MD
- **Casing set – size(s) and measured depth(s)** 9 5/8 36# J55 LTC – 500'
- **Description of fish in the hole (if any) – including top and bottom measured depths** – Collar and Bit – 33' long; 3935' - 3968'
- **Measured setting depths of proposed plugs, heights, and cement volumes** – 3435' top of plug
- **Type of cement to be used for all plugs, including slurry weight (ppg) and yield (cf/sk)** Type "G"; 211 sacks, 17#; .99 yield; 3.76 gal/sack
- **Measured depth of proposed sidetrack kick-off point** – 3700'
- **Proposed objective formation(s) for sidetrack hole – new or same as the wellbore being abandoned** – Same

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- **BHL target for sidetrack hole – new or same as the wellbore being abandoned** – New intermediate casing depth target - 4,000.00 MD; 84.69° 130.54 AZ; 3,164.95' TVD; 932.17S; 1,006.73E; 1,371.94VS – BHL for TD - Same

Attached is the sundry notice for the well.

We will keep you apprised of any further developments

Sincerely,

Jim Oberkircher
VP Operations
Fram Operating

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