

Liz Lindow

From: Diana Burn - DNR <diana.burn@state.co.us>
Sent: Friday, March 28, 2014 3:12 PM
To: Liz Lindow
Cc: Toby Sachen - DNR; Mike.Hickey@state.co.us; Jason Gomez - DNR; James Precup - DNR; Jane Stanczyk - DNR
Subject: RE: Alles 22S-432, Lost Hole Rig Skid

Please proceed with the rig skid as proposed.

Thanks,
Diana

From: Liz Lindow [mailto:Liz.Lindow@pdce.com]
Sent: Friday, March 28, 2014 10:25 AM
To: Diana Burn - DNR (Diana.Burn@state.co.us)
Cc: Carrie Ratliff; Jason Miller
Subject: Alles 22S-432, Lost Hole Rig Skid
Importance: High

Hello Diana,

Per our conversation this morning, here is the information the COGCC requires to approve the lost hole rig skid for the Alles 22S-432. Please let me know if there is anything else you require.

Thank you,
Liz Lindow

Alles 22S-432, API 05-123-37799, Lost Hole Rig Skid

- i. Explanation of the situation that has resulted in a lost hole and the need to plug the lost hole
Drill pipe was stuck in hole at 12,468. After unsuccessful attempts to recover drill pipe and BHA, with drill pipe parting at 7,062' it was determined that it was not economical to continue fishing operations, and the possibilities of recovering more drill pipe are less than 10% it was determined to P&A the well.
- ii. Total measured depth reached in the lost hole
TMD: 12,497'
- iii. Casing set – size(s) and measured depth(s)
Surface Casing, 9-5/8" 36#/ft J-55, set at 928"
- iv. Description of fish in the hole (if any) – including top and bottom measured depths
Top of Fish 7,062' bottom of fish 12,468
- v. Description of proposed plugs: setting measured depths, heights, and cement volumes
**Set CIBP at +/-7050'
Run a CBL on 7" casing
Pressure test casing to 1500 psi
Set 2 sx cement on top of CIBP**

RIH with drill pipe to 6,650'
Set 50sx balanced plug at Niobrara top 6,650' to 6,300'
Pull drill pipe to 4,400'
Set 150 sx plug across Sussex 4,400' to 3,600'
Pull drill pipe to 1,043'
Set 50 sx plug from 1,043' to 843'
Pull drill pipe
Pump 10 sx plug at surface
Cut casing off 6' below surface

- vi. Type of cement to be used for all plugs, including slurry weight (ppg) and yield (cf/sk)
Cement will be Class G cement with appropriate additives mixed at 15.8 ppg with a 1.15 cu.ft./sx yield
- vii. Proposed objective formation(s) for replacement well – new or same as lost hole
Niobrara
- viii. BHL target for replacement well – new or same as lost hole
Same as lost hole



Liz Lindow

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