



Summary Report

Abandon
Abandon Well - Permanent
Job Start Date: 12/11/2019
Job End Date: 2/2/2020

Well Name NAP Government 1-A		Lease	Field Name Canyon South	Business Unit Mid-Continent	
Ground Elevation (ft) 5,463.00	Original RKB (ft) 5,472.00	Current RKB Elevation		Mud Line Elevation (ft)	Water Depth (ft)

Report Start Date: 12/11/2019

Com
Pre job safety meeting with all business partners involved in operations on both well locations
R/U Cutters electric line, test lubricator to 500 psi for 5 minutes
RIH with 1" GR/CCL to tag at 4,106' (top perforation at 4,105')
EOT at 4,076'
POOH with same while logging tubing, 119 joints of tubing in wellbore
Hot tap surface casing and find 110 psi on 8 5/8" x 5 1/2" surface annulus
Operations to perform gas analysis and bleed off pressure
Pump 25 bbls river water down 5 1/2" production casing, casing on a vacuum
Operations suspended. Waiting on SPN rig to P&A well

Report Start Date: 1/14/2020

Com
Spot in and R/U SPN #8
Finish spotting in remaining rig equipment
Debrief
Inactive

Report Start Date: 1/15/2020

Com
No activity at well site
Warm up equipment
Safety Meeting and JSA review
Discussed SWA, Tenet, We Lead, SIF
Finish rigging up pump, tank, hardlines and other equipment.
Caliper elevators
SICP-80psi
SITP-80psi
Bleed off pressure- all gas
Flow check for 15mins- No flow, no gas- well dead- (WSEA 10A)
ND Larkin wellhead- had lots of issues getting the Larkin wellhead apart.
Changed out pipe rams from 2 7/8" to 1 5/8" rams
Tested blind rams on stump 250 low 5mins/600psi high 10mins- test good.
Attempt to strip on Larkin head x 3k 7 1/16" adaptor. Could not get flange to start. Would make 1/2 turn and would not got more. Removed and clean threads real good. Never could get adaptor to makeup Discussed with provider and they sent out a new 5k flange.
PU 5 1/2" TST packer and make up to 1 5/8" string, RIH 6' and set packer. Wait on new flange to arrive.
Attempt to make up new 5k 7 1/16" adaptor. Adaptor would only make up 80%. Stripped on BOP and attempt to test. Would not hold 250psi low test.
Discussed issues with supt/engineer.
Sent 3k adaptor in to have threads machined and will try in the morning.
Winterize equipment and SWFN
Debreif daily activity

No activity at well site
Report Start Date: 1/16/2020

Com
No activity at well site
Warm up equipment
Safety Meeting and JSA review
Discussed SWA, Tenet, We Lead, SIF
Check well pressure
0 psi SICP
10 psi SITP
Open well up and bleed off gas well dead. Monitored well for flow- 15mins.
ND BOP and remove 5k adaptor flange
Inspect and cleaned threads with thread file.
Install recut 3k Larkin head adaptor. Flange made up correctly.



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Com					
NU 7 1/16" 5M double gate BOPE with 1 5/8" pipe rams on top of blind rams and 7 1/16" 5M annular (WSEA 8B) R/U rig floor and equipment					
Pull packer and 1 jt of 1 5/8" tbg, install cross over and run 5 1/2" TST packer back in the well to 20' Set packer and test BOP as follows: (WSEA 9A):					
-Annular- 5 minute 250 psi low, 10 minute 600 psi high					
-1 5/8" pipe ram- 5 minute 250 psi low, 10 minute 600 psi high					
-BPV (SN 10028620)- 15 minute 600 psi					
-Kelly valve- 5 minute 250 psi low, 10 minute 600 psi high					
-2 3/8" TIW valve (1)- 5 minute 250 psi low, 10 minute 600 psi high					
-2 3/8" TIW valve (2)- 5 minute 250 psi low, 10 minute 600 psi high					
-2 7/8" TIW valve (1)- 5 minute 250 psi low, 10 minute 600 psi high					
-2 7/8" TIW valve (2)- 5 minute 250 psi low, 10 minute 600 psi high					
All tests charted and passed with 0 psi bleed off					
-Blind rams were stump tested 11/15/19 before BOP was nipped up					
TOH LD 119jts of 1 5/8" tbg Tbg threads had a sealer on them and the tongs would not break the jts. Had to use pipe wrenches and cheaters on each jt. Tubing condition overall was good. There was collar ~2200' which was split					
(Pulled 3.5bbls of displacement, 0 fill up, well remains dead)					
Flow check well for 15mins (WSEA 10-B) Shut in on blind rams (Blind Rams tested on 1/15/19) (WSEA 10C) Change out 1 5/8" rams for 2 7/8" pipe rams (WSEA 8B) PU 5 1/2" fullbore packer, RIH and set packer 20' Pressure test Pipe rams- 250 Low 5mins/600high 10mins- Test good (WSEA 9)					
While performing test old casing valve started leaking at the stem, attempted to pump grease and tighten packing up would not stop. Replaced valve with new ball valve and plug.					
Move in pipe racks and work string, offload work string and tally. PU 4 3/4" bit and scrapper, TIH w/ 48 jts of 2 7/8" WS EOT @ 1516'					
(4bbls of displacement, 0 fluid to surface, well remains dead)					
SWFN, winterize equipment, and debrief.					
No activity at well site					
Report Start Date: 1/17/2020					
Com					
No activity at well site					
Warm up equipment					
Safety Meeting and JSA review					
Discussed SWA, Tenet, We Lead, SIF					
Check well pressure 0 psi SICP 0 psi SITP					
Open well up- well dead					
Finish TIH w/ scraper and bit- tagged fill @ 4102'					
(Displaced 6.5 bbls, no fluid to surface well remains)					
TOH w/ 65 stds of 2 7/8" LD Scraper and bit					
(Pulled 10bbls, 0 fillup, well remains dead)					
PU 5 1/2" CIBP TIH w/ 64 stds of 2 7/8" WS Set CIBP @ 4051' Tally depth w/ KB (4039' No KB)					
(Displaced 10bbls, 0 fillup, well remains dead)					



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Com					
Roll hole with 95bbls of FW Took 52 bbls to break circulation					
Pressure test casing/plug to 350psi- Test had 90psi gain in pressure					
TOH w/ 64 stds of 2 7/8" WS LD CIBP setting tool					
(Pulled 10bbls, no fillup, well dead)					
MIRU Cutter WL RU lub and pressure test to 500psi- 5 mins- Test good RIH and log from CIBP @ 4039' to surface TOC @ 3594' Cement bond looks very good RDMO WL truck					
TIH w/ 64 jts of 2 7/8" WS					
Retest casing/plug 350psi-15mins- ~20psi gain- Test good					
Pull 10 stds of 2 7/8" WS, Winterize equipment and debreif daily activity					
Crew Travel to Rangely No activity at well site					
Report Start Date: 1/18/2020					
Com					
No activity at well site					
Report Start Date: 1/19/2020					
Com					
No activity at well site					
Report Start Date: 1/20/2020					
Com					
No activity at well site					
Warm up equipment					
Safety Meeting and JSA review					
Discussed SWA, Tenet, We Lead, SIF					
Check well pressure 0 psi SICP 0 psi SITP Open well up					
Caliper and inspect elevators					
TIH w/ 10 stds of 2 7/8" WS					
EOT @ 4040'					
R/U BJ Cementing Services Due to small location it took a bit to get equipment rigged up					
Pump 1st cement plug as follows:					
Load lines and truck, pressure test lines to 3000 psi					
-Mix and pump 20 sacks (4 bbls) 15.8 ppg, 1.15 yield, class G cement					
-Displace with 21.5bbls fresh water to balance cement plug					
-L/D 5 joints 2 7/8" work string and reverse cmt top clean @ 3873'					
Balanced plug from 4040' to 3873'					
-Reverse circulate clean with 29 bbls fresh water, got .25bbls of cmt in returns					
Wait on CMT for 5 hrs as per BJ recommendation from 10:30 to 15:30					
SISCP- 50psi- Remove bullplug and install valve for surface cement job					
RU Chart recorder and pressure test casing to 320psi- 15min- Test good (WSEA 10D)					
TIH w/ 2 stds from derrick and PU 1 jt Tag cmt @ 3883'- ~10k lbs and with pumps off					



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Pump 2nd cement plug as follows: Com

- Mix and pump 25 sacks (5.1 bbls) 15.8 ppg, 1.15 yield, class G cement
 - Displace with 20.5bbls fresh water to balance cement plug
 - L/D 9 joints 2 7/8" work string and reverse cmt
- Balanced plug from 3873' to 3657'
- Reverse circulate clean with 60 bbls fresh water, got less than .25bbls of cmt in returns

RDMO BJ Cement service

TOH w/ 10 stds of 2 7/8" WS

Winterize equipment and debrief daily activity

No activity at well site

Report Start Date: 1/21/2020

No activity at well site Com

Warm up equipment

Safety Meeting and JSA review

Discussed SWA, Tenet, We Lead, SIF

Check well pressure

0psi SICP

0psi SITP

Open well up

Caliper and inspect elevators

TIH w/ 10 stds of 2 7/8" WS and PU 3 jts

Tag cmt @ 3664' - ~10k lbs and with pumps off (WSEA 10E)

RU Chart recorder and pressure test casing to 350psi- 15min- Test good

TOH LD 117 jts of 2 7/8" WS

MIRU Cutters WL tbg

RU Lub. and test to 500psi- 5 mins- Test good

RIH with 3 1/8" perforating gun loaded with 4 SPF at 90 degree phasing

Perforate 5 1/2" production casing at 800', POOH w/ perf guns- all shots fired

R/D Wireline

Break circ with 64bbls, circulated 135bbls total.

JSA/job meeting with BJ Service and SPN well service

Discussed MOC to change cmt slurry from 15.8 Class G to 13.0 ppg S100 blend. This change was due to surface plug cmt falling on the GOV 2-A (MOC#-20-006F)

Spot in and R/U BJ Services cmt truck

Pump surface cement plug as follows:

Prime pumps and fill lines, test same to 1500 psi

Mix and pump 156 sacks (55 bbls) 1.985 yield 13.0 ppg S100 cement down 5 1/2" production casing taking returns up surface casing

Had good returns throughout job. Cement to surface after 50bbls. Total of 55bbls pumped.

Wash up surface lines

R/D and release BJ Cementing Services

Winterize equipment and debrief daily activity

Debrief daily activity

Report Start Date: 1/22/2020

No activity at well site Com

Warm up equipment

Safety Meeting and JSA review

Discussed SWA, Tenet, We Lead, SIF

Company Confidential - Restricted



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Check well pressure 0psi SSCP- Slight Vacuum 0psi SSCP- Slight puff Open well up Caliper and inspect elevators PU 1 jt of 2 7/8" WS Tag cmt @ ground level (WSEA 10-G) RD floor and ND 7 1/16" 5k BOPE Once BOPs were off well surface casing was checked again and again there was a slight puff of gas. Installed 90 and nipple and filled with water. A bubble would surface every 3-5 seconds. Removed surface valve and stuck a wire down casing and it appears that cmt is about 6" below valve. Check gas and had LEL in the gas. Discussed with Supt/Engineer and decision was made to monitor thru weekend. Clean returns tank and flat tank RD all equipment, move everything out of the canyon except doghouse and tool skid Debrief daily activities No activity at well site Report Start Date: 1/23/2020	Com
No activity at well site Well was shut in all night. SSCP- 70psi- Gas bleed right off ~1second. No volume. Well continues to bubble like prior finding. Warm up equipment and prepare to leave staging area when decision was made to leave the rig in South Canyon and release the crew for the weekend while well was monitored and BLM/COGCC/Chevron created a POA. No activity at well site MIRU B&C quick test and perform injection/leak off test. Could not established sustained injection rate. Pressure up 700psi and had 200psi bleed in 1 1/2 minuets. Able to pump a total of 4gals into the well before stopping. RDMO B&C testers No activity at well site Report Start Date: 1/24/2020	Com
No operations at well site. SSCP- 35psi- open to flow during day. Report Start Date: 1/25/2020	Com
Monitor well- SSCP 55psi Report Start Date: 1/26/2020	Com
Monitor well- SSCP- 70psi- Well left open for 24hrs State approved Nanoseal job. Will perform it on 1/29/20 Report Start Date: 1/30/2020	Com
Pre job safety meeting and WellSafe pre-operations meeting R/U Schlumberger pump truck Wrap WH with heat blankets and thaw out frozen water SSCP: 20 psi on a 2000 psi gauge Fill surface lines with NanoSeal chemical and test same to 1000 psi Begin hesitate squeezing NanoSeal down 5 1/2" x 9 5/8" surface annulus up to 800 psi Shut-in well with 780 psi on surface casing Total volume of NanoSeal pumped into wellbore estimated at 12 gallons R/D and release Schlumberger Inactive Report Start Date: 2/2/2020	Com

