

Document Number:
401877677

Date Received:
03/31/2022

WELL ABANDONMENT REPORT

This form is to be submitted as an Intent to Abandon whenever an abandonment is planned on a borehole. After the abandonment is complete, this form shall again be submitted as a Subsequent Report of the actual work completed. The approved intent shall be valid for six months after the approval date, after that period, a new intent will be required. Attachments required with the Intent to Abandon are wellbore diagrams of the current configuration and the proposed configuration with plugs set. A Subsequent Report of Abandonment shall indicate the actual work completed. Attachments required with a Subsequent Report are a wellbore diagram showing plugs that were set and casing remaining in the hole, the job summaries from all plugging contractors used, including wireline and cementing (third party verification) and any logs that may have been run during abandonment.

OGCC Operator Number: 10261 Contact Name: Kevin Kane

Name of Operator: BAYSWATER EXPLORATION & PRODUCTION LLC Phone: (303) 893-2503

Address: 730 17TH ST STE 500 Fax: _____

City: DENVER State: CO Zip: 80202 Email: kkane@bayswater.us

For "Intent" 24 hour notice required, Name: _____ Tel: _____

COGCC contact: Email: _____

Type of Well Abandonment Report: Notice of Intent to Abandon Subsequent Report of Abandonment

API Number 05-001-07023-00

Well Name: HAZLET A Well Number: 2

Location: QtrQtr: SWNE Section: 32 Township: 1S Range: 64W Meridian: 6

County: ADAMS Federal, Indian or State Lease Number: _____

Field Name: JAMBOREE Field Number: 40590

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.922331 Longitude: -104.571717

GPS Data: GPS Quality Value: 1.5 Type of GPS Quality Value: PDOP Date of Measurement: 08/10/2010

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other _____

Casing to be pulled: Yes No Estimated Depth: _____

Fish in Hole: Yes No If yes, explain details below

Wellbore has Uncemented Casing leaks: Yes No If yes, explain details below

Details: _____

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
D SAND	7823	7830			
J SAND	7888	7939			

Total: 2 zone(s)

Casing History

Casing Type	Size of Hole	Size of Casing	Grade	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top	Status
SURF	12+1/4	8+5/8	K55	24	0	200	200	200	0	VISU
1ST	7+7/8	4+1/2	K55?	11.6	0	7999	150	7999	7360	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7770 with 2 sacks cmt on top. CIBP #2: Depth _____ with _____ sacks cmt on top.
 CIBP #3: Depth _____ with _____ sacks cmt on top. CIBP #4: Depth _____ with _____ sacks cmt on top.
 CIBP #5: Depth _____ with _____ sacks cmt on top.

NOTE: Two(2) sacks cement required on all CIBPs.

Set 366 sks cmt from 720 ft. to 0 ft. Plug Type: STUB PLUG Plug Tagged:
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
 Perforate and squeeze at 7000 ft. with 50 sacks. Leave at least 100 ft. in casing 6950 CICR Depth
 Perforate and squeeze at 2400 ft. with 40 sacks. Leave at least 100 ft. in casing 2350 CICR Depth
 Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth
 (Cast Iron Cement Retainer Depth)
 Set _____ sacks half in. half out surface casing from _____ ft. to _____ ft. Plug Tagged:
 Set _____ sacks at surface
 Cut four feet below ground level, weld on plate Above Ground Dry-Hole Marker: Yes No
 Set _____ sacks in rat hole Set _____ sacks in mouse hole

Additional Plugging Information for Subsequent Report Only

Casing Recovered: 700 ft. of 4+1/2 inch casing Number of Days from Setting Surface Plug to Capping or Sealing the Well: 6
 Surface Plug Setting Date: 11/02/2018 Cut and Cap Date: 11/08/2018

*Wireline Contractor: Ranger Energy Services *Cementing Contractor: Ranger Energy Services

Type of Cement and Additives Used: Neat, 1.15 cf/sk yield

Flowline/Pipeline has been abandoned per Rule 1105 Yes No

Technical Detail/Comments:

The Hazlett A2 4 1/2" casing was cut and recovered at a wireline depth of 700 ft. versus the intended 1,400 ft due to the 4 1/2" casing not being free at the intended depth. Interpretation of the CBL run 10/31/2018 indicated plugging material in intervals on the bond log signature and amplitude curves intermittently from approximately 720 ft. to 1,170 ft. The pipe free point at 700' is believed to be further confirmed by not being able to re-enter the 4 1/2" stub at 700 ft. with tubing to set surface plug. The top plug consisted of circulating 366 sacks of neat cement from a tubing measured depth of 720 ft. to surface.

The departure of the actual procedure from the approved intent was believed to be within the scope of the approved intent as referenced in step 14 of the stated intent procedure:

14) Attempt to cut 4 1/2" casing at 1,400' or at the shallowest freepoint,(minimum 400')and TOO.H.

Bayswater's technical review concludes that the Laramie-Fox Hills strata is adequately isolated from below by virtue of the CIBP set above the D & J sand intervals as well as the 2 CICR cement squeezes at 7,000' and 2,400' respectively. These water strata are also protected from above by the solid 720' cement plug set at surface. The surface plug covers the Denver, Upper and most , if not, all the Lower Arapahoe.

The Hazlett A2 flowline was abandoned in place on 11/7/2018. Form 44 documents submitted and approved:

Document # 401725286 for line registration
 Document # 401965734 for line abandonment

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Kevin Kane
 Title: Operations Manager Date: 3/31/2022 Email: kkane@baywater.us

Based on the information provided herein, this Well Abandonment Report (Form 6) complies with COGCC Rules and applicable orders and is hereby approved, Eric

COGCC Approved:

Date: 8/12/2022

CONDITIONS OF APPROVAL, IF ANY:

Condition of Approval

COA Type

Description

	44 has been filed for flowline abandonment.
1 COA	

Attachment List

Att Doc Num

Name

401877677	FORM 6 SUBSEQUENT SUBMITTED
401877693	GYRO SURVEY
401877699	CEMENT BOND LOG
401877714	WELLBORE DIAGRAM
401877719	WIRELINE JOB SUMMARY
403000962	CEMENT JOB SUMMARY
403001025	OPERATIONS SUMMARY

Total Attach: 7 Files

General Comments

User Group

Comment

Comment Date

	Denver 5000 5132 86.2 219 87 23.45NNT Upper Arapahoe4735 4948 48.6 484 271 13.22NT Lower Arapahoe4403 4660 106.2 816 559 28.89NT Laramie-Fox Hils3760 4024 167.2 1459 1195 40.13NT	03/17/2022
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Total: 1 comment(s)