

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.

Document Number:
402787557

Date Received:
08/23/2021

OGCC Operator Number: 10243 Contact Name: BJ Cox

Name of Operator: GMT EXPLORATION COMPANY LLC Phone: (303) 586-9274

Address: 1560 BROADWAY STE 2000 Fax: _____

City: DENVER State: CO Zip: 80202 Email: bjcox@gmtexploration.com

For "Intent" 24 hour notice required, Name: Sherman, Susan Tel: (719) 775-1111

COGCC contact: Email: susan.sherman@state.co.us

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

API Number 05-039-06396-00

Well Name: LYCAS Well Number: 4-13

Location: QtrQtr: SWSW Section: 4 Township: 6S Range: 64W Meridian: 6

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

Field Name: WILDCAT Field Number: 99999

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.550606 Longitude: -104.568678

GPS Data: GPS Quality Value: _____ Type of GPS Quality Value: _____ Date of Measurement: _____

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems

Other Offset to upcoming HZ development

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

Total: 0 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	J55	24	0	277	115	277	0	VISU
OPEN HOLE	7+7/8					8679				

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ 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 105 sks cmt from 7860 ft. to 7610 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 145 sks cmt from 2350 ft. to 2010 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 85 sks cmt from 1800 ft. to 1600 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 64 sks cmt from 1300 ft. to 1150 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 40 sks cmt from 2800 ft. to 2700 ft. Plug Type: OPEN HOLE Plug Tagged:

Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth

Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth

Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth

(Cast Iron Cement Retainer Depth)

Set 320 sacks half in. half out surface casing from 810 ft. to 0 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: _____ ft. of _____ inch casing

Surface Plug Setting Date: _____ Cut and Cap Date: _____ Number of Days from Setting Surface Plug to Capping or Sealing the Well: _____

*Wireline Contractor: _____

*Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1105 Yes No

Technical Detail/Comments:

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

Signed: _____ Print Name: Taylor Heffner

Title: GMT Contractor Date: 8/23/2021 Email: theffner@phxresources.com

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

COGCC Approved: Jacobson, Eric Date: 8/23/2021

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 2/22/2022

Condition of Approval

COA Type

Description

	Added 40 sack plug at 2800'. Operator concurs.
	Operator will implement measures to capture, combust, or control emissions to protect health and safety, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public health, welfare and the environment.
	1) Provide 2 business day notice of plugging MIRU via electronic Form 42. 2) After placing the shallowest hydrocarbon isolating plug (7860'), operator must wait a sufficient time to confirm static conditions. If at any time after placing this plug there is evidence of pressure or of fluid migration, contact COGCC engineering before continuing operations. 3) Prior to placing the 810' plug: verify that all fluid migration (liquid and gas) has been eliminated. If evidence of fluid migration or pressure remains, contact COGCC Engineer for an update to plugging orders. 4) After isolation has been verified, pump plug and displace. If cement is not circulated to surface, shut-in, WOC 4 hours then tag plug – must be at 227' or shallower and provide 10 sx plug at the surface. 5) Leave at least 100' of cement in the wellbore for each plug. 6) With the Form 6 SRA operator must provide written documentation, which positively affirms each COA has been addressed.

3 COAs

Attachment List

Att Doc Num

Name

402787557	FORM 6 INTENT SUBMITTED
402787575	LOCATION PHOTO
402787576	SURFACE OWNER CONSENT
402787577	WELLBORE DIAGRAM
402787578	WELLBORE DIAGRAM

Total Attach: 5 Files

General Comments

User Group

Comment

Comment Date

Engineer	Well file verification not completed prior to approval of NOIA.	08/23/2021
Engineer	Deepest Water Well within 1 Mile – 760' SB5 Base of Fox Hills - 2304' Base of Upper Arapahoe - 1749' Base of Denver - 1204' Base of Lower Dawson - 334'	08/23/2021

Total: 2 comment(s)