

FORM

6

Rev
11/20

State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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Replug By Other Operator

Document Number:

402966387

Date Received:

04/04/2022

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: 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 05-039-06356-00

Well Name: AMOCO

Well Number: 11-4

Location: QtrQtr: NWNW Section: 11 Township: 6S Range: 65W Meridian: 6

County: ELBERT

Federal, Indian or State Lease Number:

Field Name: VIMY RIDGE

Field Number: 89800

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.548576

Longitude: -104.639930

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

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☒ Other Re-entry offset to upcoming HZ developmentCasing to be pulled: ☐ Yes ☒ No Estimated Depth:Fish in Hole: ☐ Yes ☒ No If yes, explain details belowWellbore 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
J SAND	8670	8707	06/18/1981	SAND PLUG/CEMENT	8600

Total: 1 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	294	250	294	0	VISU
1ST	7+7/8	4+1/2	11.6	J55	7440	8810	150	8810	8150	CALC

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	85	sks cmt from	7440	ft. to	7240	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input checked="" type="checkbox"/>
Set	25	sks cmt from	3500	ft. to	3415	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input type="checkbox"/>
Set	85	sks cmt from	2574	ft. to	2374	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input checked="" type="checkbox"/>
Set	85	sks cmt from	1892	ft. to	1692	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input checked="" type="checkbox"/>
Set	85	sks cmt from	1369	ft. to	1169	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input checked="" type="checkbox"/>

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 125 sacks half in. half out surface casing from 350 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:

*Sand and cement over J Sand perms to remain in place

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: 4/4/2022 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: 4/8/2022

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 10/7/2022

Condition of Approval

COA Type**Description**

	Prior to commencing operations, the operator will post signs in conspicuous locations. The signs will indicate plugging and abandonment operations are being conducted, the well name, well, and the applicable contact information. Signs will be placed so as not to create a potential traffic hazard.
	Prior to commencing operations, at a minimum, the operator will provide an informational sheet to the owners/occupants of BUs that are nearby and adjacent to the parcel on which the well is located. The sheet will include the operator's contact information and the nature, timing, and expected duration of the PA operations.
	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. Due to proximity of building units (BUs) all blowdown gases will be controlled.
	1) Provide electronic Form 42 Notice of MIRU 2 business days ahead of operations and electronic Form 42 Notice of Plugging Operations 48 hours prior to mobilizing for plugging operations. 2) After placing the shallowest hydrocarbon isolating plug (7440'), 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 350' 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 212' 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 listed above has been addressed.

4 COAs

Attachment List

Att Doc Num**Name**

402966387	FORM 6 INTENT SUBMITTED
402966414	WELLBORE DIAGRAM
403000490	WELLBORE DIAGRAM
403000491	SURFACE OWNER CONSENT
403000497	LOCATION PHOTO
403003625	LOCATION PHOTO

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
OGLA	This oil and gas location is within CPW-mapped Mule Deer Winter Concentration High Priority Habitats. CPW recommends that plugging and abandonment (PA) activities should not take place from December 1 to April 30.	04/06/2022
Engineer	Well file verification not completed prior to approval of NOIA.	04/05/2022
Engineer	Deepest Water Well within 1 Mile – 1829' SB5 Base of Fox Hills - 2524' Upper Dawson 5851 6012 80.8 262 101 25.86NNT Lower Dawson 5683 5766 46.1 430 347 14.75NNT Denver 4794 5653 332.2 1319 460 90.36NT Upper Arapahoe 4271 4759 237.7 1842 1354 64.65NT Lower Arapahoe----- Laramie-Fox Hills 3589 3974 214.7 2524 2139 51.53NT	04/05/2022
Engineer	RTD for photos	03/31/2022

Total: 4 comment(s)