

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



DE	ET	OE	ES
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Date Received: 12/28/2021			

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: 10412 Contact Name: Liz Harkins
 Name of Operator: AUSCO PETROLEUM INC Phone: (719) 429-4513
 Address: 113 N SANTA FE AVENUE Fax: _____
 City: FLORENCE State: CO Zip: 81226 Email: lharkins@fremontpetroleum.com

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 05-043-06226-01
 Well Name: Hudson Well Number: 1
 Location: QtrQtr: SWNE Section: 18 Township: 20S Range: 69W Meridian: 6
 County: FREMONT Federal, Indian or State Lease Number: _____
 Field Name: WILDCAT Field Number: 99999

Only Complete the Following Background Information for Intent to Abandon

Latitude: 38.310170 Longitude: -105.148253
 GPS Data: GPS Quality Value: 1.0 Type of GPS Quality Value: PDOP Date of Measurement: 07/20/2016

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
CODELL	4895	4960	04/13/2016	B PLUG CEMENT TOP	4100
FORT HAYS	4844	4895	04/13/2016	B PLUG CEMENT TOP	4100
NIOBRARA	4352	4844	04/13/2016	B PLUG CEMENT TOP	4100
PIERRE	4150	4352	04/13/2016	B PLUG CEMENT TOP	4100

Total: 4 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
CONDUCTOR	12+1/4	9+5/8	H-40	36	0	60	30	60	0	VISU
SURF	8+3/4	7	J-55	17	0	895	157	895	0	CBL
1ST	6+1/8	4+1/2	J-55	11.6	0	4150	25	4150	3947	CALC
OPEN HOLE	3+3/4				4150	4960				

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 25 sks cmt from 2845 ft. to 2725 ft. Plug Type: STUB PLUG Plug Tagged:
 Set 10 sks cmt from 1355 ft. to 1217 ft. Plug Type: OPEN HOLE 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 _____ 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 140 sacks half in. half out surface casing from 1217 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: 2851 ft. of 4+1/2 inch casing Number of Days from Setting Surface Plug to Capping or Sealing the Well: 1
 Surface Plug Setting Date: 12/21/2021 Cut and Cap Date: 12/22/2021

*Wireline Contractor: _____ *Cementing Contractor: Langston Concrete
 Type of Cement and Additives Used: Course No. 8 Grout, Sand, Cement I/II, pozzolan, carboxylate
 Flowline/Pipeline has been abandoned per Rule 1105 Yes No

Technical Detail/Comments:

The Hudson #1 well (API 05-043-06226-01) was P&A'd after -00 and -01 wellbores were proven dry and lacked further opportunity for development. The Hudson well was never equipped with production equipment beyond testing following drilling operations.

The proposed plan to plug and abandon the Hudson well commenced on 12/14/21 after advising field inspector via a Form 42. Operator had service crew tag previously capped bridge plug set inside 4-1/2" casing and freepoint string to determine depth of recovery. Freepoint was located at 2851' and casing was backed off, pulled out of hole, layed on trailer and removed from location. A wooden plug was lowered to top of casing and covered with 25 sacks of sackrete via cement dump-bailer. The following day, attempts to tag TOC and set plug at surface casing shoe was compromised by a collapsed, unstable wellbore. Cleanout efforts included sand bailing and drilling and final depth reached was 1355'. Operator reached out to COGCC staff and received approval to revise the planned P&A procedure to fill remaining wellbore with cement to surface; see correspondence labeled as "Other" in Attachments. Operator stabilized cleaned out hole, dump-bailing 10 sacks of sackrete. Cementing company arrived on site and filled remaining hole and surface casing with 14 yards of 10-sx grout mix (140 sacks of cement); see Cementing Report in Attachments. COGCC Field Inspector, Tom Beardslee, was on site to witness cementing. An identification plate with well name, API number and location was welded on and the hole was backfilled and prepped for reclamation. A P&A WBD (actual) is included in Attachments.

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

Signed: _____ Print Name: Liz Harkins
 Title: Engineer Date: 12/28/2021 Email: lharkins@fremontpetroleum.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: 7/18/2022

CONDITIONS OF APPROVAL, IF ANY: _____

Condition of Approval

<u>COA Type</u>	<u>Description</u>
0 COA	

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402909765	FORM 6 SUBSEQUENT SUBMITTED
402909841	WELLBORE DIAGRAM
402909842	OTHER
402909843	CEMENT JOB SUMMARY

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)