

FORM
6Rev
12/05

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

Replug By Other Operator

Document Number:

400982397

Date Received:

02/08/2016

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: 10322

Contact Name: Greg Francis

Name of Operator: EAST CHEYENNE GAS STORAGE LLC

Phone: (303) 931-3435

Address: 10370 RICHMOND AVE SUITE 510

Fax:

City: HOUSTON State: TX Zip: 77042

Email: gfrancis@mehllc.com

For "Intent" 24 hour notice required,

Name: Schure, Kym

Tel: (970) 520-3832

COGCC contact:

Email: kym.schure@state.co.us

API Number 05-075-07168-00

Well Name: SCHWAKE

Well Number: A-3

Location: QtrQtr: SENE Section: 6 Township: 11N Range: 52W Meridian: 6

County: LOGAN

Federal, Indian or State Lease Number:

Field Name: PEETZ WEST

Field Number: 68300

☐ Notice of Intent to Abandon☒ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.958940

Longitude: -103.211510

GPS Data:

Date of Measurement: 12/21/2009

PDOP Reading: 3.7

GPS Instrument Operator's Name: DARREN VEAL

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☒ Other Well will not be used for gas storage operationsCasing to be pulled: ☐ Yes ☒ No

Estimated Depth: 5344

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
DAKOTA-JSND	5308	5317	10/09/1957	CEMENT	5260

Total: 1 zone(s)

Casing History

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
1ST	13+5/8	9+5/8	25.4	214	180	215	0	VISU
2ND	9+1/2	5+1/2	15.5	5,339	250	5,344	4,775	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 5 sks cmt from 5260 ft. to 5344 ft. Plug Type: CASING Plug Tagged: ☐
Set 100 sks cmt from 3492 ft. to 4150 ft. Plug Type: CASING 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 20 sks cmt from 280 ft. to 0 ft. Plug Type: CASING Plug Tagged: ☐
Perforate and squeeze at 1425 ft. with 75 sacks. Leave at least 100 ft. in casing 1390 CICR Depth
Perforate and squeeze at 298 ft. with 100 sacks. Leave at least 100 ft. in casing 280 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: 0 ft. of _____ inch casing Plugging Date: 12/09/2010

*Wireline Contractor: J-W Wireline

*Cementing Contractor: Sanjel

Type of Cement and Additives Used: Class G - Additives 1% 15.8 PPG slurry

Flowline/Pipeline has been abandoned per Rule 1103 ☐ Yes ☐ No

*ATTACH JOB SUMMARY

Technical Detail/Comments:

Well was originally drilled in January 1952 by British-American Oil Producers. The well produced until 1957 & then was plugged & abandoned on October 9, 1957 by the operator. The well was re-entered by East Cheyenne Gas Storage, LLC("ECGS") for the purpose of converting same to an observation well to support storage operations. However, due to challenges encountered during the conversions process, ECGS chose instead to re-plug and abandon this well on December 10, 2010.

ECGS filed notice of intent to plug on January 26, 2010 (ref: COGCC Document No. 1760398). ECGS subsequently filed a notice of intent to reenter and convert this well to a monitor well on June 8, 2010 (Ref: COGCC Document No. 1725955). Due to the challenges mentioned above, the well was plugged and abandoned in accordance with the notice of intent to plug and abandon filed in January 2010. ECGS failed to file the "Subsequent Report of Abandonment" and is now filing the final report for abandonment of the well.

Note: Schneider Energy Services, Inc. operated all facilities and wells for ECGS during the time period when the Schwake A-3 well was reentered and subsequently plugged and abandoned. Schneider Energy also managed the reentry and plugging and abandonment activities of this well. At the completion of this work ECGS did not receive copies of cementing tickets and cement bond logs from Schneider Energy and have been unable to obtain this information from Schneider Energy after multiple requests for same. ECGS has attached the daily drilling reports to this filing which records the activities performed and contractors used during the plugging operations managed by Schneider Energy.

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

Signed: _____ Print Name: Greg Francis

Title: Project Geologist Date: 2/8/2016 Email: gfrancis@mehllc.com

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

CONDITIONS OF APPROVAL, IF ANY:**COA Type****Description**

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Attachment Check List**Att Doc Num****Name**

400982397	FORM 6 SUBSEQUENT SUBMITTED
400983869	WELLBORE DIAGRAM
400983874	OPERATIONS SUMMARY

Total Attach: 3 Files

General Comments**User Group****Comment****Comment Date**

Engineer	Operations summary records trouble getting casing patch at 4148' to hold pressure. Finally they gave up and set 100sx in casing across patch 4150-3492 tagged w/ tubing after WOC 3 hrs. Made corrections to plugging procedure: Last 2 plugs # of sx. Perf&Sqz @1425 is 75 sx and Perf&Sqz @298 is 100 sx, stung out and set 20 sx on retainer.	2/24/2016 11:27:21 AM
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Total: 1 comment(s)