

State of Colorado
Gas Conservation Commission



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| FEB 02 2010 | | | |
| COGCC | | | |

1120 Lincoln Street, Suite 801, Denver Colorado 80203 (303) 894-2100 Fax (303) 894-2105

WELL ABANDONMENT REPORT

Submit original plus one copy. This form is to be submitted as an intent whenever a plugging is planned on a borehole. The approved intent shall be valid for twelve months after the approval date after that period a new intent will be required. After the plugging is complete, this form and one copy shall again be submitted as a subsequent report of the work as actually completed.

COGCC Operator Number **10322**

Name of Operator: **East Cheyenne Gas Storage, LLC**

Address: **10901 W Toller Dr. Suite 200**

City: **Littleton** State: **CO** Zip: **80127**

Contact Name & Telephone

Greg Francis

No: **720-351-4003**

Fax: **720-351-4200**

24 hour notice required,

contact:

Jeff Schneider

Tel: **970-381-9588**

API Number **05-075-08799**

Well Name: **Schwake**

Well Number: **1**

Location (QtrQtr, Sec, Twp, Rng, Meridian): **SESE Sec 31 T12N R52W 6th Meridian**

County: **Logan**

Federal, Indian or State Lease Number: **Fee**

Field Name **Peetz West**

Field Number **68300**

Complete the Attachment Checklist

Oper OGCC

| | | |
|----------------------|---|--|
| Wellbore Diagram | X | |
| Cement Job Summary | | |
| Wireline Job Summary | | |
| | | |
| | | |
| | | |

☒ **Notice of Intent to Abandon**

☐ **Subsequent Report of Abandonment**

Only Complete the Following Background Information for Intent to Abandon

Latitude: **40.96535**

Longitude: **103.21276**

GPS Data:

Date of Measurement: **1/15/2010** PDOP Reading: **2.1** Instrument Operator's Name: **Tim Leibert**

Reason for Abandonment ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems ☒ Other

Casing to be Pulled: ☐ Yes ☒ No Top of Casing Cement: **4672 ft**

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

Wellbore has Uncemented Casing Leaks ☐ Yes ☒ No If yes, explain details below

Details: **Well is with in the proposed East Cheyenne Gas Storgae Field. The well is be replugged to insure no vertical migration of g from the interval.**

Current and Previously Abandoned Zones

| Formation | Perforations - Top | Perforations - Bottom | Date Abandoned | Method of Isolation (None, Squeezed, BP, Cement, etc.) | Plug Depth |
|-----------|--------------------|-----------------------|----------------|--|------------|
| None | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Casing History

| String | Size of Hole | Size of Casing | Weight per ft | Setting Depth | Sacks Cement | Cement Bottom | Cement Top |
|--------|--------------|----------------|---------------|---------------|--------------|---------------|------------|
| 1 | 12 | 8-5/8 | 24 | 186 | 200 | 185 | 0 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ sacks cmt on top. CIBP #2: Depth _____ with _____ sacks cmt on top

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

| | | | |
|---|---------------------------------|---|----------------------------------|
| Set _____ sks cmt from _____ ft. to _____ ft. in | <input type="checkbox"/> Casing | <input type="checkbox"/> Open Hole | <input type="checkbox"/> Annulus |
| Set _____ sks cmt from _____ ft. to _____ ft. in | <input type="checkbox"/> Casing | <input type="checkbox"/> Open Hole | <input type="checkbox"/> Annulus |
| Set _____ sks cmt from _____ ft. to _____ ft. in | <input type="checkbox"/> Casing | <input type="checkbox"/> Open Hole | <input type="checkbox"/> Annulus |
| Set 100 sks cmt from 5286 ft. to 5050 ft. in | <input type="checkbox"/> Casing | <input checked="" type="checkbox"/> Open Hole | <input type="checkbox"/> Annulus |
| Set 50 sks cmt from 1600 ft. to 1400 ft. in | <input type="checkbox"/> Casing | <input checked="" type="checkbox"/> Open Hole | <input type="checkbox"/> Annulus |

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

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

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

Set **50** sacks half in, half out surface casing from **163** ft. to **267** ft.

Set **10** sacks at surface

Cut four feet below ground level, weld on plate

Dry-Hole Marker: ☐ Yes ☒ No

Set **NA** sacks in rat hole

Set **NA** sacks in mouse hole

Additional Plugging Information for Subsequent Report Only

Casing Recovered: _____ ft. of _____ in. casing

Plugging date: _____

*Wireline Contractor: _____

*Cementing Contractor: _____

Type of Cement and Additives Used: _____

***Attach job summaries.**

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

Print Name **Greg Francis**

Email: **gfrancis@mepco.us.com**

Signed: **Greg Francis**

Title: **Project Geologist**

Date: **01/29/10**

OGCC Approved: **Shay S**

Title: **PE II**

Date: **2/19/10**

CONDITIONS OF APPROVAL, IF ANY:

COGCC COA - SME: THE INTENT OF THIS COA IS FOR RE-ENTRY AND ABANDONMENT OF THE WELL BORE: 1) PROVIDE 24 HUR NOTICE OF MIRU TO COLBY HORTON AT 970-467-2517 OR E-MAIL AT COLBY.HORTON@STATE.CO.US. 2) TAG SHOE PLUG. 4) OPERATOR MUST PROVIDE A SUBSEQUENT REPORT OF ABANDONMENT WITH SERVICE COMPANY CEMENT TICKETS. 3) APPROVAL OF THIS FORM DOES NOT CONSTITUTE A NOTICE TO PROCEED. THE NOTICE TO PROCEED SHALL BE GIVEN BY AN APPROVED FORM 2.

Colorado
Oil & Gas Conservation Commission

(Save as pdf)

COGCC Results

Selected Items Report

| Oil and Gas Wells Selected | | | | | |
|--|---------------------|------------------|----------|-------------|---------|
| Filter Results by Formation <input type="text" value="Include"/> <input type="button" value="Filter"/> | | | | | |
| WELL DESCRIPTION | LOCATION | WELL INFORMATION | | | |
| Facilities Selected | | | | | |
| FACILITY DESCRIPTION | LOCATION | PIT INFORMATION | | | |
| | | Type | Unlined | Status | |
| Water Wells Selected From Map | | | | | |
| Filter Results by Depth <input type="text" value="Greater than"/> <input type="text" value="250"/> <input type="button" value="Filter"/> | | | | | |
| WELL DESCRIPTION | LOCATION | Depth | Top Perf | Bottom Perf | Aquifer |
| Receipt=3638023B, Permit=0280327--A LANGNESS STRELSA LEE | NENE 6 11 N-52W | 1,020 | 800 | 1,020 | GW |
| Receipt=9045346, Permit=0082501-- WILLIAMS HUGH E. | NENE 1 11 N-53W | 500 | 0 | 0 | GW |
| Receipt=0480219, Permit=0235877-- MICHAELS KEVIN & PEGGY | NWNW 31 12 N-52W | 435 | 295 | 435 | TO |

SURFACE CASING CHECK

Well Name

Schwabe #1

New Drill Refiling Deepen ☒ Re-Enter ☒ ~~Recomplete and Operate~~ ☒ Plug and Abandon Casing Repair
Vertical Hole Directional/Horizontal Hole API # 075-03799

Location: Qtr/Qtr SESE Sec: 31 Twp: 12W Rng: 52W; ft FNL/FSL; ft FBL/FWL

GL: 4536 TDV: 5286

Permit Formations: Re-entry to P&A for Gas Storage

Operator-Proposed or Existing Surface Casing Depth: 186 w/ 200 SX

Production within 1 mile(s): D&J sand

SB5 Base of Fox Hills

Cheyenne Basin Map Base of Fox Hills

Base of Fox Hills per this well's or offset well's induction log 4526-4558+970+50 = 998

Fox Hills Protection Area 5% Rule * 5% =

Deepest Water Well w/in 1 mile(s): (4554 - 4550) + 1020 + 50' = 1056

OK at

Increase Permit Surface Casing Depth from to

Provide Remedial Cement from 1056 to 50' above casing shoe.

Provide Remedial Cement from to

Form # 2
Form # 4 01760400
Form # 6Well status DA
Tops: 12"/8 5/8"

Pkmn:

Susx:

Nbr: 4625

Cod: 4667

D&J sand: 5152

Sand: 5260

No Prod. Casing

CBL: Yes (No)

GPS No



