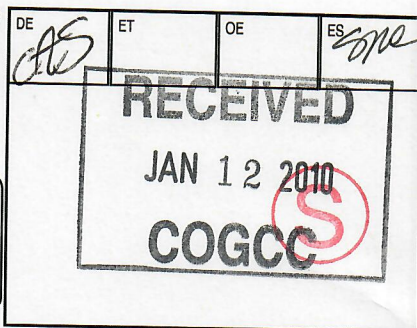




State of Colorado
Gas Conservation Commission

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



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. **Re-**

COGCC Operator Number: 10322		24 hour notice required, contact: Tel: 303-931-3435																					
Name of Operator: East Cheyenne Gas Storage, LLC																							
Address: 10901 West Toller Drive - Suite 200		Complete the Attachment Checklist <table border="1"><thead><tr><th></th><th>Oper</th><th>OGCC</th></tr></thead><tbody><tr><td>Wellbore Diagram</td><td>X</td><td></td></tr><tr><td>Cement Job Summary</td><td></td><td></td></tr><tr><td>Wireline Job Summary</td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></tbody></table>		Oper	OGCC	Wellbore Diagram	X		Cement Job Summary			Wireline Job Summary											
	Oper		OGCC																				
Wellbore Diagram	X																						
Cement Job Summary																							
Wireline Job Summary																							
City: Littleton State: CO Zip: 80128																							
Contact Name & Telephone No: 720-351-4000 Fax: 720-351-4200																							
API Number: 05-075-07198																							
Well Name: Schwake Well Number: # B-1																							
Location (QtrQtr, Sec, Twp, Rng, Meridian): SW SE Sec 31 T12N R52W																							
County: Logan Federal, Indian or State Lease Number: Fee																							
Field Name: West Peetz Field Number: 68300																							

☒ Notice of Intent to Abandon

☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.96621 Longitude: 103.21637
GPS Data:
Date of Measurement: 12/14/2009 PDOP Reading: 1.9 Instrument Operator's Name: Darren Veal
Reason for Abandonment: ☒ Dry ☐ Production Sub-economic ☐ Mechanical Problems ☐ Other
Casing to be Pulled: ☐ Yes ☐ No Top of Casing Cement: 3925
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 within a gas storage area. Well was originally plugged 12/13/1956. Well is to be re-entered & replugged to insure no vertical migration of gas occurs during gas storage operations.

Current and Previously Abandoned Zones

Formation	Perforations - Top	Perforations Bottom	Date Abandoned	Method of Isolation (None, Squeezed, BP, Cement, etc.)	Plug Depth
D Sanstone	5164	5176	12/13/1956	Cement Unknown	
J Sandstone	5300	5305	12/13/1956	Cement Unknown	

Casing History

String	Size of Hole	Size of Casing	Weight per ft	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
1	13-5/8	9-5/8	25.4	215 ft	180	215	Surf
2	9-1/2	5-1/2	15.5	5319	250	5320	Est 5325

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ sacks cmt on top. CIBP #2: Depth _____ with _____ sacks cmt on top
Set _____ sks cmt from _____ ft. to _____ ft. in ☐ Casing ☐ Open Hole ☐ Annulus
Set _____ sks cmt from _____ ft. to _____ ft. in ☐ Casing ☐ Open Hole ☐ Annulus
Set 29 3/2 sks cmt from 4964 5150 ft. to 1214 5350 ft. in ☒ Casing ☐ Open Hole ☐ Annulus
Set 100 sks cmt from 3725 ft. to 3925 ft. in ☐ Casing ☒ Open Hole ☐ Annulus
Set _____ sks cmt from _____ ft. to _____ ft. in ☐ Casing ☐ Open Hole ☐ Annulus
Perforate and squeeze at 5300 ft. with 5305 40 sacks Leave at least 100 ft. in casing
Perforate and squeeze at 5164 5176 ft. with 5176 40 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 165 ft. to 260 ft.
Set 10 sacks at surface
Cut four feet below ground level, weld on plate Dry-Hole Marker: ☐ Yes ☒ No
Set No rat hole sacks in rat hole Set No mouse hole sacks in mouse hole

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

Tag Shoe Plug

Additional Plugging Information for Subsequent Report Only

Casing Recovered: None 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: Consulting Geologist Date: Jan 8, 2010
OGCC Approved: Steve M. Hts Title: PEII Date: 02/03/10

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) NO CBL ON FILE. RUN CBL TO VERIFY TOP OF PRIMARY CEMENT AT LEAST 200' OVER D SAND. SUBMIT A COPY OF CBL WITH SUBSEQUENT REPORT OF ABANDONMENT. 3) TAG SHOE PLUG. 4) OPERATOR MUST PROVIDE A SUBSEQUENT REPORT OF ABANDONMENT WITH THE SERVICE COMPANY CEMENT TICKETS.

APPROVAL OF THIS FORM DOES NOT CONSTITUTE A NOTICE TO PROCEED. THE NOTICE TO PROCEED SHALL BE INDICATED WITH 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="button" 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="button" value="Greater than"/> 250 <input type="button" value="Filter"/>					
WELL DESCRIPTION	LOCATION	WELL INFORMATION			
		Depth	Top Perf	Bottom Perf	Aquifer
Receipt=3638023B, Permit=0280327--A LANGNESS STRELSA LEE 4550	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 B-1

 New Drill Refiling Deepen ☒ Re-Enter Recomplete and Operate ☒ Plug and Abandon Casing Repair
 Vertical Hole Directional/Horizontal Hole API # 015-07198

Location: Qtr/Qtr Sec: 31 Twp: 24 Rng: S2W; ft FNL/PSL; ft FBL/FWL

GL: 4544 TDV: 5320

Permit Formations: RE-ENTRY TO P&A for Gas Storage

Operator-Proposed or Existing Surface Casing Depth: 215

Production within 1 mile(s): D & Island

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 4544-4558+970+50 = 1006 D& sand: 5138

Fox Hills Protection Area 5% Rule *5% =

Deepest Water Well w/in mile(s): (4544-4550)+1020 +50' = 1064

OK at

Increase Permit Surface Casing Depth from to

Provide Remedial Cement from to 50' above casing shoe.

Provide Remedial Cement from to

Form # 4 1725472
Form # 6 1906121

Tops: from Gillham #6

Pkmn:

Susx:

Nbr:

Codl:

Island 5266
hole Assume 15/8
Pc: 5 1/2250 SK TOC-3850
CBL: Yes (No)
GPS NO
Form 4

S

KODAK SAFETY FILM

KODAK SAFETY FILM

KODAK SAFETY FILM

KODAK SAFETY FILM

DO

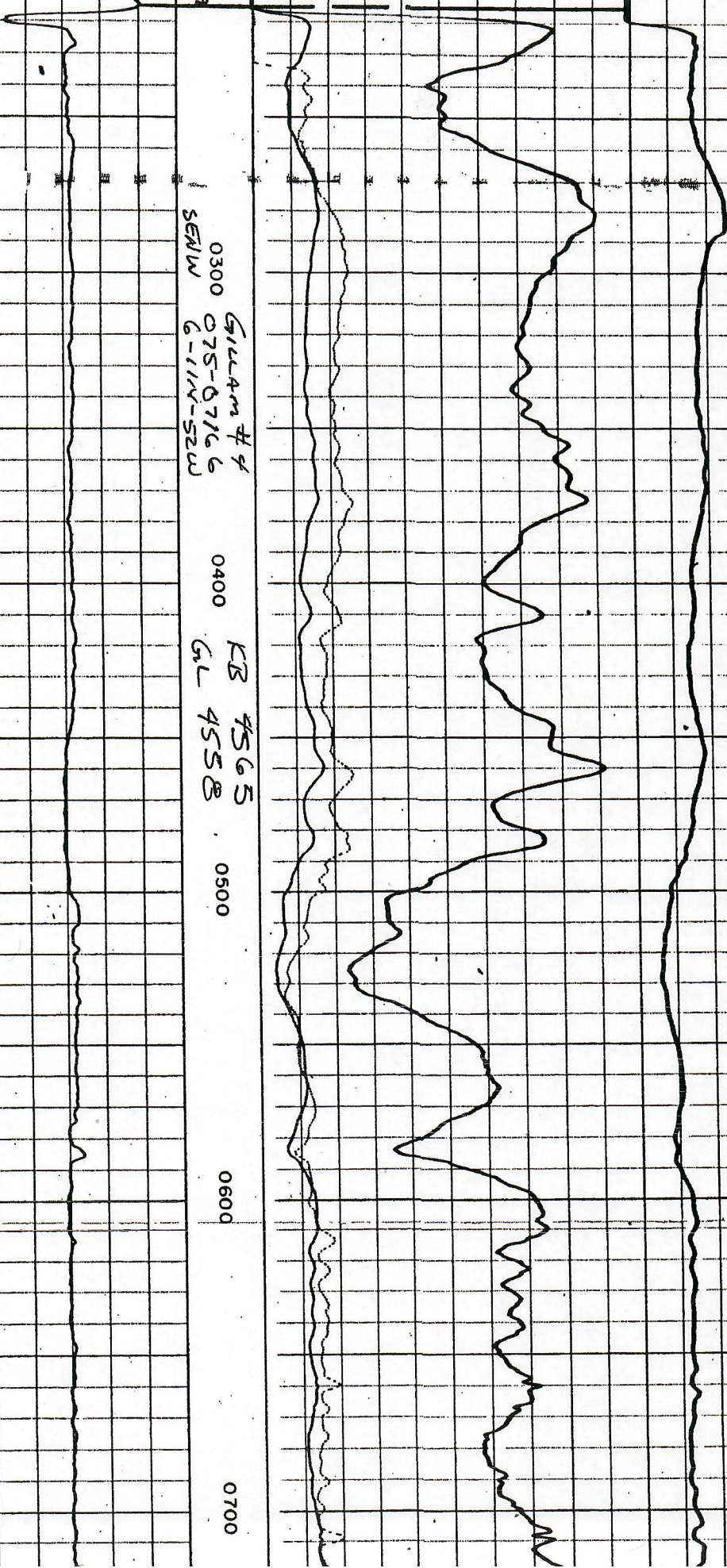
0300 Gilliam #4
SENW 075-07166
6-11N-52W

0400 KB 4565
GL 4558

0500

0600

0700



(S)

0800

0900

LFH

1000

1100

1200

