



State of Colorado
Gas Conservation Commission



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RECEIVED
JAN 12 2010
COGCC

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

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	<u>Cement</u> - Unknown	
J Sandstone	5300	5305	12/13/1956	<u>Cement</u> - 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 2932 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... Title: PEIT 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



(Save as pdf)

COGCC Results

Selected Items Report

Oil and Gas Wells Selected						
Filter Results by Formation <input type="checkbox"/> Include <input type="checkbox"/> 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="checkbox"/> Greater than <input type="checkbox"/> 250 <input type="checkbox"/> 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

Form # 4 1725472
 Form # 6 1906121

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: 24N Rng: S2W; _____ ft FNL/PSL; _____ ft FBL/FWL

GL: 4544 TDV: 5320

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

Tops: from Gillham #6

Operator-Proposed or Existing Surface Casing Depth: 215

Pkmm:

Production within 1 mile(s): D & Island

Susx:

SB5 Base of Fox Hills _____

Nbr: _____

Cheyenne Basin Map Base of Fox Hills _____

Cod: _____

Base of Fox Hills per this well's or offset well's induction log 4544-4558 + 970 + 50 = 1006 D/B sand: 5138

Fox Hills Protection Area 5% Rule *5% = _____

Island 5266
 Hole Assume 15/8
 Pc: 5 1/2

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 _____

250 SX TOC-3850
 CBL: Yes (No)
 GPS NO
 Form 4



KODAK SAFETY FILM

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

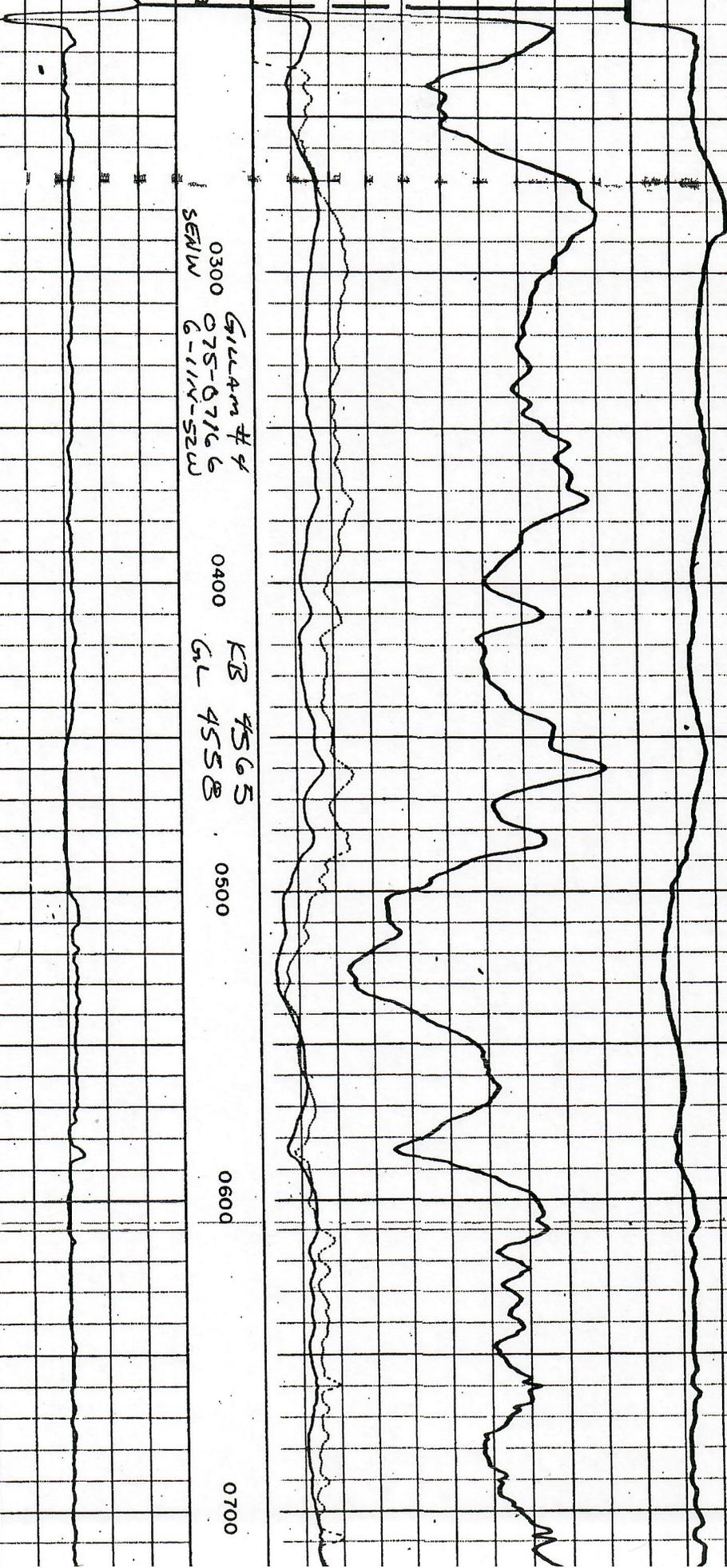
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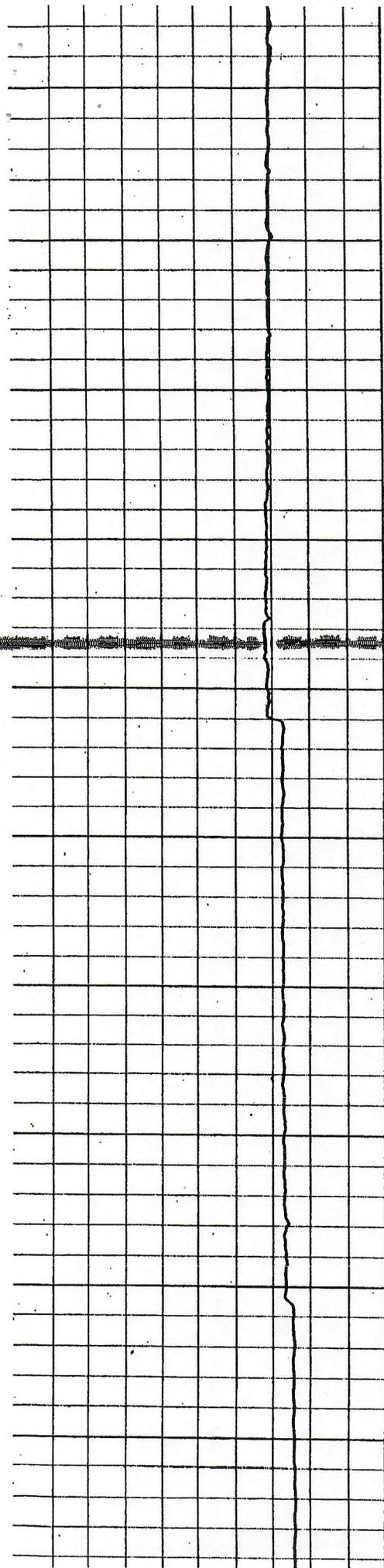
KB 4565
GL 4558

0500

0600

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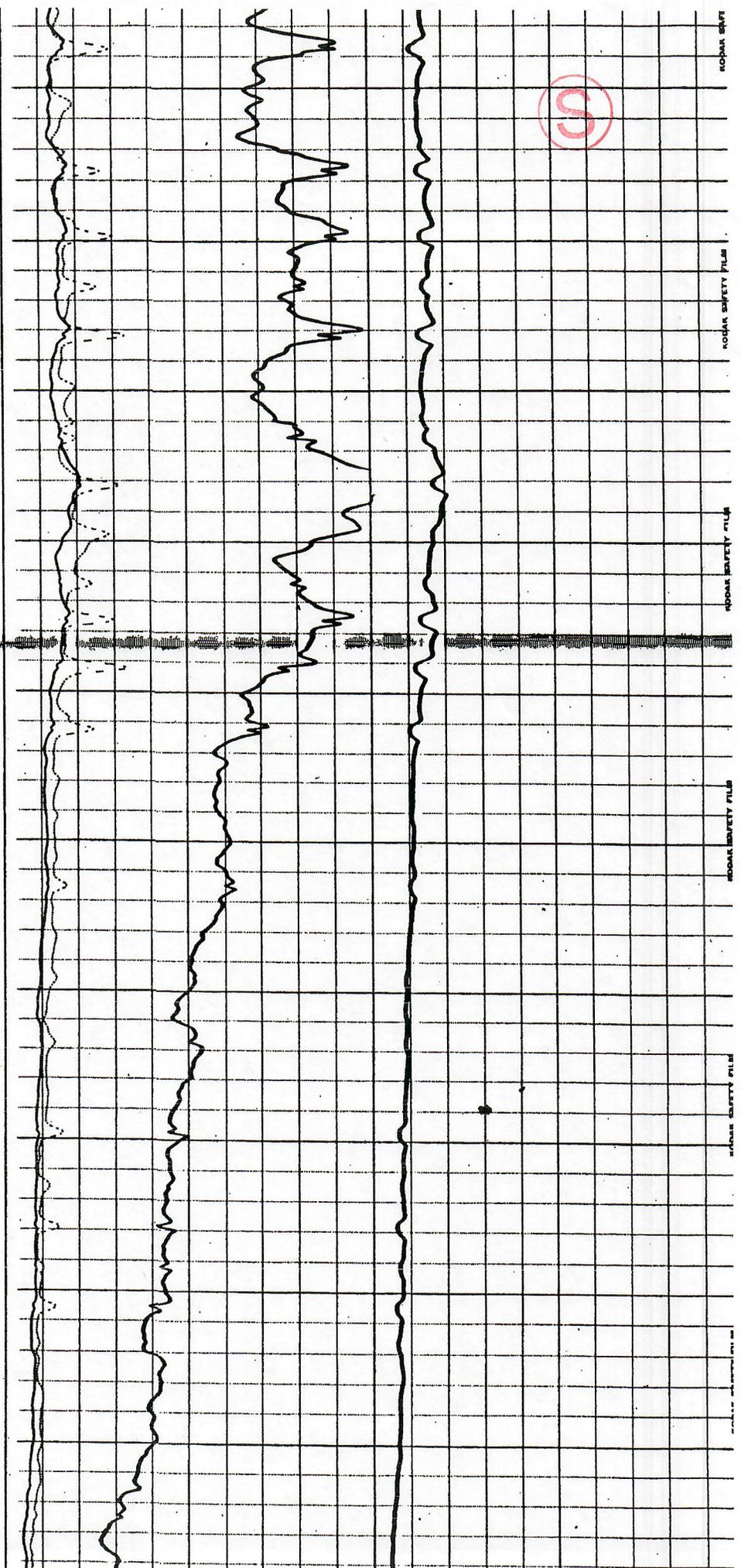
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