

From: Shutt, Doug [mailto:Doug.Shutt@Illinois.gov]

Sent: Wednesday, July 09, 2014 4:08 PM

To: McDonald, Jeffrey

Subject: Well Files

576

Jeff,

Attached are the screen dumps of the two wells in Waverly and the casing report for the Futuregen well. The Criswell was just plugged on 6/16/14. I have also attached a copy of the plugging affidavit.

My database does not have any complaints from Morgan County. I talked to my local Inspector and he does not recall any complaints of contamination in the area.

Let me know if you need anything else.

Doug Shutt
Office of Oil and Gas Resource Management
One Natural Resources Way
Springfield, IL 62702
217 782-7756

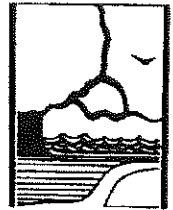


ILLINOIS DEPARTMENT OF NATURAL RESOURCES

Office of Mines and Minerals

Division of Oil and Gas
(217) 782-7756

One Natural Resources Way
Springfield, Illinois 62702/1271

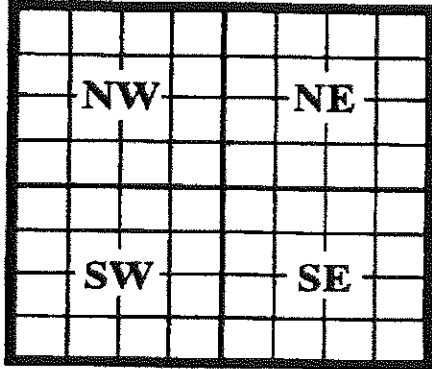


OG-6 WELL PLUGGING REPORT

TYPE OF WELL: PRODUCTION CLASS II GAS STORAGE REPLUG OTHER GS

PERMITTEE: Panhandle Eastern PERMITTEE #: 622

WELL NAME: Criswell #1-16 PERMIT #: 1410 REFERENCE #: 203036
(ISSUE DATE IF NO NUMBER)



COUNTY Morgan
SECTION 16 TWP 13N RANGE 8W
LOCATION: 1678 FT. NORTH; OR
FT. SOUTH, AND 114 FT. EAST; OR
FT. WEST OF THE SW CORNER OF THE SE
QUARTER OF THE NW QUARTER OF THE
_____ QUARTER OF THE _____ QUARTER.

WELL DATA:

SURFACE ELEVATION:	<u>671.60</u>	FT.	PRODUCING / INJECTION INTERVALS
TOTAL DEPTH OF WELL	<u>4276</u>	FT.	FROM <u>1861</u> TO <u>1876</u>
PLUGGED BACK TOTAL DEPTH	_____	FT.	FROM <u>3625.6</u> TO <u>3627.6</u>
BASE OF FRESHWATER ZONE	_____	FT.	FROM <u>3642.6</u> TO <u>3646.6</u>
WORKABLE COALS PRESENT AT	_____	FT.	FROM _____ TO _____
DESCRIBE PREVIOUS PLUGBACK PROCEDURE:			

DETAILS OF PLUGGING:

FILLED WITH <u>Cement (840 Sks)</u>	FROM <u>4267</u>	TO <u>0</u>	FT.
<small>(ROTARY MUD, WELLBORE FLUID, CEMENT, OR OTHER MATERIALS)</small>			
FILLED WITH _____	FROM _____	TO _____	FT.
FILLED WITH _____	FROM _____	TO _____	FT.
FILLED WITH _____	FROM _____	TO _____	FT.
FILLED WITH _____	FROM _____	TO _____	FT.
FILLED WITH _____	FROM _____	TO _____	FT.
FILLED WITH _____	FROM _____	TO _____	FT.
Comments:			

WELL DATA:

CASING	SIZE	SETTING DEPTH	SACKS CEMENT	HOLE SIZE	EST. TOP OF CEMENT	AMOUNT OF CASING REMOVED
SURFACE	16	194	220		0	none
INTERMEDIATE/ MINE STRING/OR LINER	12 1/2	1164	400		0	none
PRODUCTION	8 3/8 5 1/2	2690 4267	975		0 0	none none

Under penalties of perjury, I declare that I have examined this form including accompanying statements and documents, and to the best of my knowledge, it is true, correct and complete.

Signature of Permittee or Designee

6-14-2014

Date Plugging began

6-16-2014

Address

Date Plugging Completed

City, State, Zip

Inspector present during plugging operations

Inspector Signature	Activity	Date
Inspector Signature	Activity	Date
Inspector Signature	Activity	Date

Inspector not present during plugging operations

Authorization for Inspector not being present

Manager Signature

Date

Plugging information sent to District Office

Inspector site visit to pick up plugging information

Stephen P. Cook
Inspector

6-18-14
Date



Cementing Service Report

V2.23

Job Type: _____

Well Name and Number: Criswell 1-16 (Joachim Obs)		Location (Legal):		Service Date: 6/14/2014		Treatment No: 01-24483 IL	
Pool/Field:		Formation: St. Peter/Joachim (B)/Galesville		Stage:		District:	
County/Parish: Morgan		State: IL		API No.:		Well Data	
Customer Name: PANHANDLE EASTERN		City:		State:		Zip:	
Street:		Mud type:		Mud Density:		Less FI Shoe Jts:	
Special Instructions: Plug Well Through Coil Tubing Unit From 4267' To 1391'		Mud Viscosity:		Disp. Capacity:		Note: Include Footage From Ground Level to Head in Disp. Capacity.	
Is Casing/Tubing Secured? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Lift Pressure:		Job Scheduled For:		Head & Plugs	
Pressure Limit:		Bump Plug to:		Rotate:		Bot <input type="checkbox"/> R <input type="checkbox"/> W	
Reciprocate:		No of Centralizers:		Left Location:		Top <input type="checkbox"/> R <input type="checkbox"/> W	
						Depth: 4210	
						Squeeze Job	
						Tool Type: Depth: Size: Depth:	
						Tail Pipe Size: Depth:	
						Tubing Volume:	
						Casing V. Below:	
						Annular Volume:	
						Total Volume:	

TIME	Pressure		Volume Pumped		Inject Rate	Fluid Type	Fluid Density	Service Log Detail	
	TBG/D.P.	Casing	indec.	Cumulat.				Pre Job Safety Meeting:	
-	-	-	-	-	-	-	-	Brk. Circ.	
10:43	50.0	-	5.0	5.0	0.5	H2O	8.3	St. Cmt.	
10:55	2450.0	-	113.0	118.0	2.0	Cmt.	14.5	St. Disp.	
11:53	2500.0	-	14.0	132.0	2.0	H2O	8.3	Shd.	
12:00	-	-	-	-	-	-	-		

Remarks:

System Code	No. of Sacks	Yield Cu. FT/SK	Composition of Cementing Systems				Slurry Mixed	
							BBLs	Dens.
1	490.0	1.30	Class A + 1.25% Tic + .6% NFL-211				113.0	14.5
2								
3								
4								
5								
6								

Breakdown Fluid Type:		Volume:		Density:		Press:		Max:		Min:	
<input type="checkbox"/> Hesitation SQ. <input type="checkbox"/> Running SQ.		Circulation Lost: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Displacement Vol: 14.1 BBLs		Cement Circulated to Surf: N/A				BBLs	
Brkdw: Final: PSI		Wish Thru Pts: <input type="checkbox"/> Yes <input type="checkbox"/> No FT.		Instant Shut in Pressure:		Type of Well:					
Perforations:		Signature of Customer Authorized Agent:		Signature of FWS Representative:		<input type="checkbox"/> Oil <input type="checkbox"/> Storage <input type="checkbox"/> Brine Water <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Injection <input type="checkbox"/> Wildcat					
		(before job)		Craig Powden							
		(after job)									

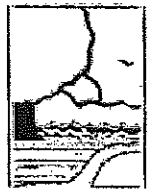


ILLINOIS DEPARTMENT OF NATURAL RESOURCES

Office of Mines and Minerals

Division of Oil and Gas
(217) 782-7756

One Natural Resources Way
Springfield, Illinois 62702-1271



OG-20 INSPECTORS CASING AND CEMENT REPORT

WORK TYPE: NEW WELL CONVERSION DOPH DEEPENING PLUGBACK

OPERATOR: Future Gen Industrial Alliance

WELL NAME: Monitor Test hole #1 PERMIT #: 010858

LOCATION: _____ REFERENCE #: _____

COUNTY: Morgan SECTION: 25 TOWNSHIP: 16N RANGE: 9W

DRILLING CONTRACTOR: Les Wilson

CEMENTING COMPANY: Schwartz Oilfield Services CITY / STATE: Centralia, IL

CASING	SIZE	SETTING DEPTH	HOLE SIZE	SACKS OF CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE	30"	1600	34	450	0	circ
MINE STRING	16"	576	20	200	0	circ
INTERMEDIATE / LINER	10 3/4	3955	14 3/4	750	0	circ
PRODUCTION						

MINE STRING REPORT IF NOT DRILLED THROUGH PILLAR:

SIZE OF MINE STRING: _____ FT. DEPTH: _____ HOLE SIZE: _____

NO. OF SACKS OF CEMENT FROM THE UMBRELLA OR CAVE CATCHER TO SURFACE: _____

NO. OF SACKS OF CEMENT FROM CASING SEAT TO MINE FLOOR: _____

PLUGBACK / REMEDIAL CEMENTING / SQUEEZE JOB REPORT:

TOTAL DEPTH OF THE WELL: _____ FT. PLUGBACK: FROM _____ TO _____ FT.

DETAILS OF PLUGBACK: _____

REMEDIAL CEMENTING DOWN THE BACKSIDE OF CASING: FROM _____ TO _____ FT.

NUMBER OF SACKS OF CEMENT USED FOR REMEDIAL CEMENTING OR SQUEEZE JOB: _____

COMMENTS BY INSPECTOR: _____

SIGNATURE OF OPERATOR OR DESIGNEE _____ DATE _____

SIGNATURE OF REP. OF CEMENTING CO. _____ DATE _____

Stephen Ploch 12-20-11
WELL INSPECTOR DATE

X Duane Sullivan 12/20/11
MANAGER AUTHORIZATION DATE
(IF INSPECTOR NOT PRESENT)

REF #	API #	OPER #	WELL NAME			PERMIT #	ISSUE DATE
13585	1213700346	622	WHITLOCK #7-15			051720	4/26/1996
LOCATION		SEC	TWNSHP	RNGE	COUNTY NAME	TYPE	Latitude
1441S 0045E NWc		15	13N	08W	MORGAN	OBS	39.57579 N
DATE PLUGGED	AUTH	PRF FUND	STATUS	TA EXP	TA DENIED	TA DENY CODE	Longitude
	CONV		A		1/12/1995		89.98296 W

CLOSE
GOTO PAGE 2
DOG

MAIL LIST

Oper Name :
PAN GAS STORAGE, L.L.C. (ATTN: D.F. HAGEMANN)

DBA :

Address 1 :
11615 OLD ROUTE 66

Address 2 :

City : State : Zip :
GLENARM IL 62536

Phone # : Fax # : Valid Addr :
(217) 625-2841 (217) 625-7836 Y

166,115 Actwells Records

REF #: **13585**

ACTLOG

ITEM #	FORM ID	CODE	DATE ENTERED	FORM DATE
1	OG-22	2	03/02/1999	02/10/1999
2	OG-22	2	02/07/2002	01/30/2002
3	OG-22	2	11/18/2003	10/28/2003
4	OG-22	2	03/03/2009	02/23/2009
5	OG-22	2	04/02/2009	03/31/2009
6	OG-22	2	03/28/2014	03/12/2014
4223	OG-22		02/09/1990	02/02/1990
223729	OG-23	1	06/13/1991	06/04/1991
511023	OG-22	1	03/15/1993	03/11/1993
708690	OG-15		12/12/1994	11/23/1994
729859	OG-22	1	10/18/1995	10/04/1995
746819	OG-22	4	04/23/1996	04/16/1996
766534	OG-22	2	01/06/1997	12/30/1996

PERMITTEE STATUS

Receivable	Test Status	Brine Status	Permittee Status	Permittee Status Change Date
	NP	NP	A	9/27/1991

REF #: 13585

Well Name WHITLOCK #7-15

Permittee # 622

CLOSE

INTER START	INTER END	FORMATION	PACK/TUB DEPTH	STATUS	PLUG MATRL	PLUG TOP	PLUG BOTTOM
2144	2420	SHAKOPEE	2053	A			
2684	2744	ONEOTA		A			
3018	3155	POTOSI		A			

GOTO PAGE 1

DOG

PART	PASS/FAIL	PASS/FAIL DATE	WITNESSED
I	PASS	6/4/1991	YES
II	FAIL	6/28/1991	SDN

Calc TOC

CASING TYPE	CASING SIZE	CASING DEPTH	CASING CMT	CASING BIT	TOC	FUV CEMENT YIELD	DETER BY	PLGD TOP
1-SURF	16.00	200	240	17.00	0	1.18	CALC	
3-PROD	8.63	2197	900	11.00	138	1.18	CALC	
4-LINER	5.50	4250	400	7.88				

MAP ELEVATION :	GROUND LEVEL ELEVATION :	FRESH WATER DEPTH :	TOTAL DEPTH :	PBTD :
250	661	411	4250	4070

MIP :	MIP DETER BY :	MIR :	MIR TYPE :	NC DATE :	OG-18 REC'D :
765	EQUATION	20000			

Memo

AMENDED 6-12-95, SHAKOPEE 2144 TO 2420 ADDED. DES

REF # 203036	API # 1213700349	OPER # 622	WELL NAME CRISWELL #1-16			PERMIT # 001410	ISSUE DATE 9/21/1965
LOCATION 1678N 0114E SWc SE NW		SEC 16	TWNSHP 13N	RNGE 08W	COUNTY NAME MORGAN	TYPE GS	Latitude 39.57714 N
DATE PLUGGED 6/16/2014	AUTH ORIG	PRF FUND	STATUS P	TA EXP	TA DENIED	TA DENY CODE	Longitude 89.99668 W

CLOSE

GOTO PAGE 2

DOG

MAIL LIST

Oper Name :
PAN GAS STORAGE, L.L.C. (ATTN: D.F. HAGEMANN)

DBA :

Address 1 :
11615 OLD ROUTE 66

Address 2 :

City : **GLENARM** State : **IL** Zip : **62536**

Phone # : **(217) 625-2841** Fax # : **(217) 625-7836** Valid Addr : **Y**

166,113 Actwells Records

REF #: **203036**

**A
C
T
L
O
G**

ITEM #	FORM ID	CODE	DATE ENTERED	FORM DATE
1	OG-22	2	12/21/1999	12/15/1999
2	OG-22	2	02/07/2002	01/30/2002
3	OG-22	2	11/18/2003	10/28/2003
4	OG-22	2	03/03/2009	02/23/2009
5	OG-22	2	02/24/2014	02/11/2014
6	OG-06		06/25/2014	06/16/2014
505153	OG-22	1	11/24/1992	11/16/1992
729880	OG-22	2	10/18/1995	10/04/1995
766540	OG-22	2	01/06/1997	01/02/1997

PERMITTEE STATUS

Receivable	Test Status	Brine Status	Permittee Status	Permittee Status Change Date
	NP	NP	A	9/27/1991

REF #: 203036

Well Name CRISWELL #1-16

Permittee # 622

CLOSE

INTER START	INTER END	FORMATION	PACK/TUB DEPTH	STATUS	PLUG MATRL	PLUG TOP	PLUG BOTTOM
1861	1876	JOACHIM		P	CEMENT	0	4267

GOTO PAGE 1

DOG

PART	PASS/FAIL	PASS/FAIL DATE	WITNESSED

Calc TOC

CASING TYPE	CASING SIZE	CASING DEPTH	CASING CMT	CASING BIT	TOC	FUV CEMENT YIELD	DETER BY	PLGD TOP
1-SURF	16.00	180	220	12.25	539	1.18		
2-INTER	12.50	1150	400		0	1.18		
3-PROD	8.63	2676	975		0	1.18		

MAP ELEVATION :	GROUND LEVEL ELEVATION :	FRESH WATER DEPTH :	TOTAL DEPTH :	PBTD :
	671		4276	

MIP :	MIP DETER BY :	MIR :	MIR TYPE :	NC DATE :	OG-18 REC'D :

Memo
