

EXHIBIT B-5

West Bay Exploration Co. Drilling and Formation Records

West Bay Exploration Company (WBEC), Haystead #9 SWD
(Permit #MI-079-2D-0010)

**Administrative Record
Item # 14**

April 9, 2012

Timothy Baker, WBEC

West Bay Exploration company

13685 S. West Bay Shore / Suite 200
Traverse City, MI 49684
231-946-0200 / Fax: 231-946-8180

P.O. Box 1203
5555 N. Hogback Road
Fowlerville, MI 48836
517-223-4011 / Fax: 517-223-4020

April 9, 2012

Mr. Timothy Elkins
Underground Injection Control
US EPA -Region 5
77 West Jackson Blvd.
Chicago, IL 60604-3590

RE: USEPA File: WU - 16J
Proposed Haystead SWD #9

Dear Mr. Elkins:

Enclosed is the information requested regarding the cementing information for the Haystead 1-9 A, indicating that 100 sx of Flowstop, and 200 sx of HalCem was used in cementing the 5 ½" casing of the Haystead 1-9 A.

Also, please note, that Mr. Timothy Brock, Petroleum Engineer, is authorized on behalf of West Bay Exploration to sign any UIC application, as well as any other related UIC documentation for West Bay Exploration Company.

If you have any further questions, please contact Mr. Brock, or myself at 231-946-0200, or via e-mail.

Sincerely,



Timothy L. Baker
Vice President
Operations and Engineering
West Bay Exploration Company

RECEIVED

APR 16 2012

UIC BRANCH
EPA, REGION 5

**RECORD OF WELL DRILLING OR DEEPENING**

Required by authority of Part 615 Supervisor of Wells or Part 625 Mineral Wells, of Act 451 PA 1994, as amended. Non-submission and/or falsification of this information may result in fines and/or imprisonment.

Permit number/Deepening number
60106

(Submit 3 copies within 60 days of drilling completion.)

Part 615 Oil/Gas Well Part 625 Mineral Well

Name and address of permittee West Bay Exploration 13685 S. West Bay Shore Dr #200 Traverse City, MI 49684		API number 21-075-60076-01-00	
Name and address of drilling contractor McConnel & Scully 142 W. Main St. Homer, MI 49254		Well name and number Haystead 1-9A	
Date drilling began 5/20/10		Surface location NE 1/4 of NW 1/4 of SW 1/4 Section 9 T4S R2E	
Date drilling completed 6/28/10		Township Norvell	
Total depth of well Driller 4555md, 4317tvd		County Jackson	
Formation at total depth Black River Fm		Footages North/South East/West 2472 ft. from South line and 1212 ft. from West line of sec.	
Elevations K.B. 967.26 ft. R.F. 966.26 ft. R.T. ft. Grd 966.26 ft		Directionally drilled (check one) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
		Previous permit numbers none	
		Subsurface location (if directionally drilled) SE 1/4 of SE 1/4 of NE 1/4 Section 8 T 4S R 2E	
		Township Columbia	
		County Jackson	
		Footages North/South East/West ft. from line and ft. from line of sec.	
		Feet drilled - cable tools from to	
		Feet drilled - rotary tools from surf to 4589	

Casing, Casing Liners and Cementing, Operating Strings					Water Fill Up (F.U.) or Lost Circulation (L.C.) (X)				
Size	Where set	Cement	T.O.C.	Ft. pulled	Formation	F.U.	L.C.	Depth	Amount
11 3/4	425'	175 Lite/150 A			Black River		x	4589m	unknown
8 5/8	3340	600 Lite/200 A							
5 1/2	4572	1 st 100 Flowstop 2 nd 200 HalCem							

Gross Pay Intervals				All Other Oil and Gas Shows Observed or Logged								
Formation	Oil or Gas	From	To	Formation	Oil or Gas	Depth	Sam- ples	Odor	Pits	Mud Line	Gas Log	Fill Up
Trenton-BR	Oil	4400m	4589m									
Trenton-BR	Oil	4166tv	4348tv									
				not observed								

Depth Correction		Deviation Survey			Plugged Back		
Depth	Correction	Run at	Degrees	Yes	No	Depth	

Geophysical / Mechanical Logs (list each type run)		
Brand	Log types	Logged intervals
Baker Atlas	CNL/Density/GR	surf-4555md

Notice: Report complete sample and formation record, coring record, and drill stem test information on reverse side.

CERTIFICATION "I state that I am authorized by said owner. This report was prepared under my supervision and direction. The facts stated herein are true, accurate and complete to the best of my knowledge."

Date 10 26 10	Name and title (print) Trish Rising, Field Geologist	Signature T Rising
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Submit to: OFFICE OF GEOLOGICAL SURVEY,
MICHIGAN DEPT OF ENVIRONMENTAL QUALITY
PO BOX 30256, LANSING, MI 48909-7756

FORMATION RECORD

Attach additional sheets if necessary

API number

21 075 60076 01 00

Permit number/Deepening number

60076

Elevation used

967.26

Geologist name

Trish Rising, West Bay Exploration

Tops taken from

Driller's log

Sample log

Electric log

From		To	Formation (type, color, hardness)	From		To	Formation (type, color, hardness)
<p>Note: if well directionally drilled, add true vertical depth formation tops where appropriate</p>							
KOP	3787md		Clinton Fm				
3375md	3583tvd		dolomite with shaley intervals-drk gray grading to lt gry, brn, dns				
3787md	4127md		Utica Fm				
3583tvd	3911tvd		shale-drk gry/blk, vfxln, hrd				
4127md	4478md		Trenton Fm				
3911tvd	4243tvd		dolomite and limestone, lt/drk brn, vfxln, mhd, cln, scat fossils/pyr				
4478md	4555md		Black River Fm				
4243tvd	4317tvd		limestone and dolomite-md drk brn, arg, wh/off wh dol, mhd, arg				
If well was cored, attach core description							
DRILL STEM TEST DATA							
<p>Operations Office</p> <p>OCT 27 2010</p> <p>Mailed</p>							
LIST ATTACHMENTS							
OFFICE OF GEOLOGICAL SURVEY USE ONLY							
Reviewed by							

				Date of review
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Operations Office

OCT 27 2010

Mailed



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY - OFFICE OF GEOLOGICAL SURVEY
CERTIFICATION OF CASING AND SEALING OF SURFACE HOLE

Required by authority of Part 615 Supervisor of Wells or Part 625 Mineral Wells, of Act 451 PA 1994, as amended
 Non-submission and/or falsification of this information may result in fines and/or imprisonment

Permit number 60106
Well name Haystead 1-9A
Surface location NE 1/4 of NW 1/4 of SW1/4 Section 9 T4S R2E
Name and address of drilling contractor McConnel & Scully 142 W. Main St Homer, MI 49254

Township Norvell	County Jackson
Name and address of permittee West Bay Exploration 13685 S. West Bay Shore Dr #200 Traverse City, MI 49684	

SURFACE HOLE

Hole diameter (Note reductions)	Depth to bedrock	Base of specified aquifer (see permit)	Total depth of surface hole	Formation at surface casing seat	Date drilling completed
14 3/4	88	Marshall	425	Coldwater Shale	6/28/10

Narrative of unusual drilling circumstances or problems encountered
 none

Name and address of geologist/mud logger
 Trish Rising, Field Geologist
 West Bay Exploration
 12180 Ladd Rd
 Brooklyn, MI
 49230

Signature <i>T. Rising</i>	Date 10 30 10
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SURFACE CASING

Casing O.D. (in)	Casing depth	Cement type and additives	Amount of cement (sacks)	Volume (bbls)		Plug down date & time
				Pumped	Returned to surface	
11 3/4	425	Lite class A	175 150	47.5	40	5/21/10 10pm

Narrative of problems encountered running or cementing casing. Note any cement fallback, grouting, or lost circulation zones.
 none

Operations Office
 OCT 27 2010

Mailed

I AM RESPONSIBLE FOR THIS REPORT. THE INFORMATION IS COMPLETE AND CORRECT.

Signature of permittee or company officer <i>T. Rising</i>	Date 10 30 10
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Submit the original and one copy, typewritten or legible printed, within 30 days after drilling is completed to:

OFFICE OF GEOLOGICAL SURVEY
 MICHIGAN DEPT OF ENVIRONMENTAL QUALITY
 PO BOX 30256
 LANSING MI 48909-7756