

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

Bob Holden, Governor • Stephen M. Mahfood, Director

P.O. Box 250 111 Fairgrounds Rd. Rolla, MO 65402-0250
(573) 368-2100
FAX (573) 368-2111

September 3, 2002

Ballard RII School
RR 1, Box 497
Butler, MO 64730
Attn: Mr. Paul Brink

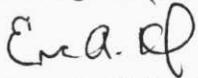
RE: Abandoned Wells

Dear Mr. Brink:

This letter is to inform you that staff from my office have witnessed the proper abandonment of two gas wells (API #s 00061 and 00138) and one water well (Reference # 0204162A) at the Ballard RII Schools. Appropriate documentation was submitted to this office by Evans Energy Development as required under the *Oil and Gas Production Law* and the *Water Well Drillers Act*.

Sincerely,

Geological Survey and Resource Assessment Division



Evan A. Kifer, Chief
Hydrogeologic Investigation Unit
Geological Survey Program
Wellhead Protection Section
(573)368-2170

EAK/pb

Integrity and excellence in all we do





MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
PLUGGING RECORD

FORM OGC-7

JUN 10 2002

OWNER Ballard RII Schools		ADDRESS RR 1 Box 497 Butler, MO 64730-9732	
NAME OF LEASE Ballard Cons. Schools		WELL NUMBER	PERMIT NUMBER (OGC-3 OR OGC-3I NUMBER) DNR Log #005540 OGC-00138
WELL LOCATION SE, NE, SE, 8-41-29	SEC. - TWP. - RNG. OR BLOCK AND SURVEY	LATITUDE	LONGITUDE
APPLICATION TO DRILL THIS WELL WAS FILED IN NAME OF:		COUNTY Bates	
HAS THIS WELL EVER PRODUCED OIL OR GAS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		CHARACTER OF WELL AT COMPLETION (INITIAL PRODUCTION) OIL (BBL/DAY)	GAS (MCF/DAY) 37000 at 25#
DATE OF ABANDONMENT 06/04/02	TOTAL DEPTH 190	AMOUNT WELL PRODUCING PRIOR TO ABANDONMENT OIL (BBL/DAY)	GAS (MCF/DAY) Not in Use

Name of each formation containing oil or gas. Indicate which formation open to well bore at time of abandonment.	Fluid content of each formation	Depth interval of each formation	Size, kind, & depth of plugs used, giving amount of cement.
Pennsylvanian	Gas	Unknown	27 sacks cement pumped through a 1" Tremie to fill between 6 1/4" I.D. casing and 2 3/8" O.D. tubing, 7 sacks pumped

SIZE PIPE	PUT IN WELL (FT)	PULLED OUT (FT)	LEFT IN WELL (FT)	GIVE DEPTH AND METHOD OF PARTING CASING (SHOT, RIPPED, ETC.)	into 2" tubing PACKERS AND SHOES
3/4"	0	140'	0'	pulled set down packer	
2"	0	0	140'	Left in	

WAS WELL FILLED WITH MUD-LADEN FLUID? No, Cement	INDICATE DEEPEST FORMATION CONTAINING FRESH WATER Unknown
--	---

NAME AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE		
NAME	ADDRESS	DIRECTION FROM THIS WELL

METHOD OF DISPOSAL OF MUD PIT CONTENTS ▶ No Pits Used.
--

NOTE FILE THIS FORM IN DUPLICATE WITH: (USE REVERSE SIDE FOR ADDITIONAL DETAIL)

CERTIFICATE ▶ I, the undersigned, state that I am the President of the Evans Energy Dev. Inc. (Company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.

SIGNATURE Scott G. Evans DATE 6.6.02

LOG NUMBER
005540

OWNER: Ballard Cons. School District #8
PLUGGED **N** CONFIDENTIAL? 0 RELEASE DATE:
WELL TYPE: Oil Well
DRILLER:
LEASENAME:
DRILL DATE: 1939 PERMIT #:
LOGGER: HUNDHAUSEN LOGDATE:
TYPE OF LOG: S SAMPLE SAVED? 00

MISSOURI , COUNTY: **Bates**
SECTION: 08 TOWNSHIP: 41 N RANGE 29 W
NE of SE of SE
LATITUDE: 38.36415
LONGITUDE: -94.14327
QUAD NAME: **SPRUCE**

OTHER DATABASES: API OIL AND GAS FILE
ID NUMBER: **013-00138**
DATABASE 2:
ID NUMBER:
DATABASE 3
ID NUMBER

ELEVATION: 908 BASE: **S** BEDROCK @ 15 FEET
TOTAL DEPTH: **190** INTERVAL CORED: 0 TO 0
YIELD: DRAWDOWN:
STATIC WATER LEVEL BEFORE: AFTER:

WATER AT: TTT

TOP FORMATION: **CHEROKEE GROUP**
BOTTOM FORMATION: **CHEROKEE GROUP**

REMARKS: DRILLED FOR WATER, GOT GAS - 37,000 CU FT @ 25#

CONSTRUCTION DATA

DEPTH:	DIAMETER	CASING MATERIAL	DATE PLUGGED:	DATE ABANDONED:
0	0			
CASING:	0	0	Plug Depth TOP: 0	Plug Depth Bottom: 0
	0	0	GROUTING:	
	0	I/O: 0		
	0	SIZE HOLE: 0		

PUMP:	Capacity	Pump Type	Set at:	Total Depth:	Screen Type:	Size:	Length:	Slot:
	0		0	0		0	0	0

Well Treatment:	Type Devised:	Perforation Interval:	Tube Pressure:
	Type of Completion	Top: 0	
Oil Production: 9999	Gas Production: 99999999	Bottom: 0	

Water Analysis:

OPEN FORMATIONS	Top Formation:
	Bottom Formation:

LOG NUMBER
005540

STRATIGRAPHY

TOP	BOT	FORMATION NAME	LITHOLOGY			MINERALS		
			PRIMARY	SECONDARY	MINOR	PRIMARY occ.	SECONDAR occ.	MINOR
0	15	RESIDUUM & TOP SOIL	CLAY			0		0
15	190	PENNSYLVANIAN SYSTEM				0		0
15	190	CHEROKEE GROUP	SHALE	SAND	LIMESTONE	0		0
100	105	ARDMORE LIMESTONE MEMBER	LIMESTONE			0		0
190	0	TOTAL DEPTH				0		0

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

Bob Holden, Governor • Stephen M. Mahfood, Director



DIVISION OF GEOLOGY AND LAND SURVEY
P.O. Box 250 111 Fairgrounds Rd. Rolla, MO 65402-0250
(573) 368-2100
FAX (573) 368-2111

March 7, 2002

Ballard RII School
RR. 1
Box 497 (Hwy 18 in Ballard)
Butler, MO 64730
Attn: Mr. Paul Brink

RE: Abandoned Gas Wells, API# 00061, API# 00138

Dear Mr. Brink,

It was very nice meeting and visiting with you this afternoon about the three abandoned wells on the Ballard School property. As we spoke of, these unplugged wells have potential liability issues, and the potential for groundwater contamination. It is the Missouri Oil and Gas Council's recommendation to plug the two gas wells, and the water well. As stated in the Rules and Regulations of the Missouri Oil and Gas Council "Plugging of wells when they are abandoned is consistent with a statewide effort to prevent contamination of water resources and would also be important should a given area prove to be productive".

The two gas wells, gas well number 00138 was drilled in 1939, and gas well number 00061 was drilled in 1955. As stated in RSMO sections 259.060 and 259.070, whenever operations on a gas well cease for more than two years, the well is required to be plugged.

As we spoke of, we would require that the two gas wells be pressure grouted full length, to ensure a proper plugging so that no gas will be able to migrate up the well. I am enclosing another list of plugging contractors for your reference. A Plugging Report is also enclosed. The plugging contractor must fill this out and submit it back to my office.

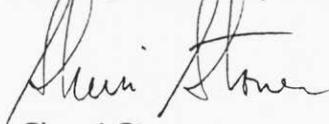
Also, you met with Matthew Parker, a Geologist in the Wellhead Protection Section, about the water well. He stated that the well is required to be plugged. If the well has not been used in the last two years then it is to be plugged. He gave you a list of drillers that can plug your well. Please contact him for specific questions regarding the water well. His direct phone number is 573-368-2196.

Some of the oil/gas contractors on the list I gave you are also permitted to drill and plug water wells. So, when you get a price quote on the gas well pluggings, check to see if they can also do the water well.

Matthew Parker and I are scheduled to inspect the gas wells and water well. We would like to put a downhole camera down the water well to take a look at the well and get an accurate depth. We are scheduled to do this on Wednesday March 13 at approximately 11:00am. I look forward to seeing you then. In the interim, if you have any additional questions do not hesitate to contact me.

Sincerely,

Geological Survey and Resource Assessment Division



Sherri Stoner
Geologist
Geological Survey Program
Wellhead Protection Section
573/368-2195
nrstons@mail.dnr.state.mo.us

Encl.

Header Data

00138

Log # 005540 Owner: BALLARD CON SCHOOL DIST 8 St: MO Cnty: BATES
 NE SE SE TRS: S08 T41N R29W
 Alias: Lat.:
 Type well: Oil Well Long.:
 Type log: S Quad: UNKNOWN
 Driller: Date: /1939 Confidential: N Release Dt. /
 Driller License #: Date: /
 Logger: HUNDHAUSEN

Elev.: 908 Elev.S Yield: SWL:(a) H2O @:
 T.D.: 190 base: DrDwn: SWL:(b) TT
 Bedrock at: 15 Samples saved: Y Int. cored: 0 to 0
 Top Fm.: CHEROKEE GROUP
 Bot Fm.: CHEROKEE GROUP
 Problems:
 Remarks: DRILLED FOR WATER, GOT GAS - 37,000 CU FT @ 25#
 More:

Construction Data

Log #: 005540 Date Completed: /
 CASING: Dpth: 0 Diam: 0.00 I/O: 0 Sz. Hole: 0.00 Sz. Below: 0.00
 0 0.00
 0 0.00
 0 0.00
 GROUT: Type Rig Methd Dt Abnd Plug Date Top Bottom
 G / / 0 0
 PUMP: Cap Type Set at TDH Scrn Typ Size Lgth Slot
 0 0 0 0 0 0 0
 Well Treat Type Dev Typ Compl Perf. Interval Tube Pres. Oil Gas
 Top: 0 Bot: 0 9999 99999999
 Open Top:
 Formations Bot:
 Other data sources:
 Remarks:

Stratigraphy Data

Log #	Top	Base	Name	--Lith--			--Minerals--				
				Pr	Sc	Mn	Pri	Oc	Sec	Oc	Mnr
15	190		CHEROKEE GROUP	SH	SD	LS		0	0	0	0
0	15		RESIDUUM & TOP SOIL	CL				0	0	0	0
15	190		PENNSYLVANIAN SYSTEM					0	0	0	0
100	105		ARDMORE LIMESTONE MEMBER	LS				0	0	0	0
87	87			CO				0	0	0	0
132	132			CO				0	0	0	0
190	0		TOTAL DEPTH					0	0	0	0

Printed on 10/17/94 at 16:25:16.

BA007

PERMITS

28-Feb-02

COUNTY: BATES

API NUMBER: 24 - 013 - 00138

COMPANY NAME: BALLARD SCHOOL

COMPANY NUMBER: BA007

LEASE NAME: FEE

WELL NUMBER:

PROCEDURE DATES

WELL ORDER:

DATE APPROVED:

ORIGINAL OPERATOR:

ANNCELED DATE:

WELL TYPE: 8

WELL STATUS: FU

BONDED Y/N:

SPUD DATE:

TOWNSHIP: 41 RANGE: 29 SECTION: 8

COMPLETION DATE: 6/15/1939

SURVEYLOC1: NE SE SE

SURVEYLOC2:

PLUG DATE:

LATITUDE: N LONGITUDE:

ELEVATION: 908

PROPOSED TD: 0 ACTUAL TD: 190 LOG DEPTH: PLUG BACK TD: 0

PERF INTERVAL: LOG_TYPE:

IP: 37 MCF @ 25

SAMPLE LOG NUMBER: 5540

GRAVITY:

GOR:

PRODUCTION FORMATION:

MIT HISTORY: 1: 2: 3: 4: LAST:

WIT (Y OR N): 1: 2: 3: 4: LAST:

MITCOMMENT:

INSPECTION HISTORY: 1: 2: 3:

COMMENT: DRILLED FOR WATER, GOT GAS