

COLLECTED

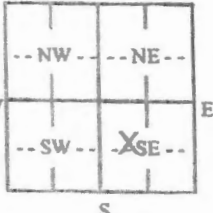
WATER WELL RECORD Form WWC-5 1294842

Division of Water Resources App. No. Well ID

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: **Seward** Fraction SW 1/4 SE 1/4 NW 1/4 SE 1/4 Section Number **34** Township Number **T 32 S** Range Number **R 33 E W**

2 WELL OWNER: Last Name: **BLACKWOOD SHANE** Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here:
Business: **LEMERT REX** LIBERAL: HWY 83 & RD 14, 2 N NE ON 83 TO GREEN
Address: **701 Stylar Suite 400** MARKER SIGN ON N SIDE, MARKED 15380, N ON WINDING
Address: **701 Stylar Suite 400**
City: **LIBERAL** State: **KANSAS** ZIP: **67904**

3 LOCATE WELL WITH "X" IN SECTION BOX:
N
W E
S
1 mile

4 DEPTH OF COMPLETED WELL: 420 ft.
Depth(s) Groundwater Encountered: 1) 110 ft.
2) ft. 3) ft. or 4) Dry Well
WELL'S STATIC WATER LEVEL: 110 ft.
 below land surface, measured on (mo-day-yr) 03/02/2016
 above land surface, measured on (mo-day-yr)
Pump test data: Well water was 120 ft.
after 1 hours pumping 100 gpm
Well water was ft.
after hours pumping gpm
Estimated Yield: 100 gpm
Bore Hole Diameter: 9.750 in. to 420 ft. and in. to ft.

5 Latitude: 37.21766 (decimal degrees)
Longitude: 100.89363 (decimal degrees)
Datum: WGS 84 NAD 83 NAD 27
Source for Latitude/Longitude:
 GPS (unit make/model:)
(WAAS enabled? Yes No)
 Land Survey Topographic Map
 Online Mapper:

6 Elevation: 2710 ft. Ground Level TOC
Source: Land Survey GPS Topographic Map
 Other: **KOLAR**

7 WELL WATER TO BE USED AS:
1. Domestic: Household Lawn & Garden Livestock
2. Irrigation
3. Feedlot
4. Industrial
5. Public Water Supply: well ID
6. Dewatering: how many wells?
7. Aquifer Recharge: well ID
8. Monitoring: well ID
9. Environmental Remediation: well ID
 Air Sparge Soil Vapor Extraction
 Recovery Injection
10. Oil Field Water Supply: lease
11. Test Hole: well ID
 Cased Uncased Geotechnical
12. Geothermal: how many bores?
a) Closed Loop Horizontal Vertical
b) Open Loop Surface Discharge Inj. of Water
13. Other (specify):

Was a chemical/bacteriological sample submitted to KDHE? Yes No If yes, date sample was submitted:
Water well disinfected? Yes No

8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded Threaded
Casing diameter 5 in. to 420 ft. Diameter in. to ft. Diameter in. to ft.
Casing height above land surface 24 in. Weight lbs./ft. Wall thickness or gauge No. SDR17

TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel Fiberglass PVC Other (Specify)
 Brass Galvanized Steel Concrete tile None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE:
 Continuous Slot Mill Slot Gauze Wrapped Torch Cut Drilled Holes Other (Specify)
 Louvered Shutter Key Punched Wire Wrapped Saw Cut None (Open Hole)
SCREEN-PERFORATED INTERVALS: From 360 ft. to 420 ft. From ft. to ft. From ft. to ft.
GRAVEL PACK INTERVALS: From 160 ft. to 420 ft. From ft. to ft. From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other
Grout intervals: From 0 ft. to 25 ft. From ft. to ft. From ft. to ft.
Nearest source of possible contamination:
 Septic Tank Lateral Lines Pit Privy Livestock Pens Insecticide Storage
 Sewer Lines Cess Pool Sewage Lagoon Fuel Storage Abandoned Water Well
 Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well/Gas Well
 Other (Specify)
Direction from well? Distance from well? ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	4	TOP SOIL	315	330	SAND & CLAY STRIPS
4	17	TAN & LIGHT BROWN CLAY	330	353	CLAY & SAND STRIPS
17	38	SANDY TAN CLAY	353	412	SAND & SANDSTONE & CLAY STRIPS
38	82	MEDIUM & COURSE SAND	412	420	BLUE & RED CLAY
82	115	SMALL GRAVEL			
115	164	SANDSTONE & CLAY STRIPS			
164	210	SAND			
210	231	SANDY CLAY			
231	315	MEDIUM SAND			

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-yr) 03/01/2016 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 430. This Water Well Record was completed on (mo-day-yr) 03/03/2016 under the business name of **Howard Drilling Co.**

Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.
KS Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 781-296-3565. Visit us at <http://www.kdheks.gov/waterwell/index.html> KSA 82a-1212

sent for collections 10.17.16

County: Seward Fraction: SW SE NW SE Sec. 34 T 32 S R 33 W

CORRECTION(S) TO WATER WELL COMPLETION RECORD (WWC-5) - to rectify lacking or incorrect information

Owner: Lemert, Rex

If corrected, location was listed as:

Location changed to:

Section-Township-Range: _____

Fraction (1/4 1/4 1/4): _____

Other changes: Initial statements: owner listed originally as
Blackwood, Shane

Changed to: Lemert, Rex

Comments: _____

Verification method: copy sent with name correction

Initials: MS Date: 11-01-2018

Submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Avenue, Lawrence, KS 66047-3724
 Kansas Dept. of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367