

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

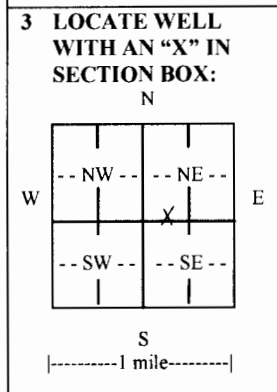
3,076

1 LOCATION OF WATER WELL: County: Seward	Fraction ¼ SW ¼ SW ¼ NE ¼	Section Number 32	Township No. T 32 S	Range Number R 34 <input type="checkbox"/> E <input checked="" type="checkbox"/> W
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Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here approx 16 miles southwest of Satanta, KS

Global Positioning System (GPS) information:
 Latitude: **.37,22088**..... (in decimal degrees)
 Longitude: **101.03908**..... (in decimal degrees)
 Elevation: **2907**.....
 Datum: WGS 84, NAD 83, NAD 27
 Collection Method:
 GPS unit (Make/Model:)
 Digital Map/Photo, Topographic Map, Land Survey
 Est. Accuracy: <3 m, 3-5 m, 5-15 m, >15 m

2 WATER WELL OWNER: Hitch Land & Cattle
 RR#, Street Address, Box #: PO Box 76
 City, State, ZIP Code : Guymon. OK 73942



4 DEPTH OF COMPLETED WELL 489..... ft.

Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.

WELL'S STATIC WATER LEVEL **250**.....ft. below land surface measured on mo/day/yr. **5/3/11**.....

Pump test data: Well water was.....ft. after..... hours pumping..... gpm

EST. YIELD.....gpm. Well water was.....ft. after..... hours pumping..... gpm

Bore Hole Diameter **24**.....in. to **489**.....ft., andin. toft.

WELL WATER TO BE USED AS: Public water supply Geothermal Injection well
 Domestic Feedlot Oil field water supply Dewatering Other (Specify below)
 Irrigation Industrial Domestic-lawn & garden Monitoring well

Was a chemical/bacteriological sample submitted to Department? Yes No

If yes, mo/day/yr sample was submitted.....

Water well disinfected? Yes No

5 TYPE OF CASING USED: Steel PVC Other.....

CASING JOINTS: Glued Clamped Welded Threaded

Casing diameter **.16**..... in. to **489**..... ft., Diameter in. to ft., Diameter in. to ft.

Casing height above land surface **12**..... in., Weight **42.09**.....lbs./ft., Wall thickness or gauge No. **0.250**.....

TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel PVC Other (Specify)
 Brass Galvanized Steel None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:
 Continuous slot Mill slot Gauze wrapped Torch cut Drilled holes None (open hole)
 Louvered shutter Key punched Wire wrapped Saw cut Other (specify)

SCREEN-PERFORATED INTERVALS: From **284**..... ft. to **484**..... ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From **20**..... ft. to **489**..... ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other.....

Grout Intervals: From **0**..... ft. to **20**..... ft., From ft. to ft., From ft. to ft.

What is the nearest source of possible contamination:
 Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below)
 Sewer lines Cesspool Sewage lagoon Fuel storage Abandoned water well
 Watertight sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well **None Detected**

Direction from well Distance from well

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	2	surface	240	270	brown clay, silty sand
2	10	brown clay, calicho	270	295	sand fine to few small
10	39	red-brown clay, calicho	295	320	brown clay, silty sand mixed
39	52	sand fine	320	350	sd fn-md crs few thin cly few sm gr
52	60	red-brown clay	350	375	sand fine-med coarse, clay mixed
60	120	sand fine to med coarse	375	410	brown clay, sands mixed
120	147	sand fine to med coarse, sm-med grv	410	424	sand fine to small
147	160	brown white clay	424	435	brown clay
160	193	brown clay, cemented sand	435	444	sand silty
193	240	snd fine-med coarse, few sm clays	444	450	brown clay

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) **5/3/11**..... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **145**..... This Water Well Record was completed on (mo/day/year) **5/12/11**..... under the business name of **Hydro Resources** by (signature) *[Signature]*

INSTRUCTIONS: Use typewriter or ball point pen. *PLEASE PRESS FIRMLY* and *PRINT* clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell/index.html>.

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3,076

1 LOCATION OF WATER WELL: County: Seward Fraction 1/4 SW 1/4 SW 1/4 NE 1/4 Section Number 32 Township No. T 32 S Range Number R 34 []E [X]W
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here []
Global Positioning System (GPS) information: Latitude: Longitude: Elevation: Datum: [] WGS 84, [] NAD 83, [] NAD 27 Collection Method: [] GPS unit (Make/Model: []) [] Digital Map/Photo, [] Topographic Map, [] Land Survey Est. Accuracy: [] <3 m, [] 3-5 m, [] 5-15 m, [] >15 m

2 WATER WELL OWNER: Hitch Land & Cattle RR#, Street Address, Box #: PO Box 76 City, State, ZIP Code : Guvmon, OK 73942
3 LOCATE WELL WITH AN "X" IN SECTION BOX: N W E S [] mile
4 DEPTH OF COMPLETED WELL: Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL..... ft. below land surface measured on mo/day/yr..... Pump test data: Well water was.....ft. after..... hours pumping..... gpm EST. YIELD.....gpm. Well water was.....ft. after..... hours pumping..... gpm Bore Hole Diameterin. toft., andin. toft. WELL WATER TO BE USED AS: [] Public water supply [] Geothermal [] Injection well [] Domestic [] Feedlot [] Oil field water supply [] Dewatering [] Other (Specify below) [] Irrigation [] Industrial [] Domestic-lawn & garden [] Monitoring well Was a chemical/bacteriological sample submitted to Department? [] Yes [] No If yes, mo/day/yr sample was submitted..... Water well disinfected? [] Yes [] No

5 TYPE OF CASING USED: [] Steel [] PVC [] Other CASING JOINTS: [] Glued [] Clamped [] Welded [] Threaded Casing diameter in. to ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface..... in., Weightlbs./ft., Wall thickness or gauge No. TYPE OF SCREEN OR PERFORATION MATERIAL: [] Steel [] Stainless Steel [] PVC [] Other (Specify) [] Brass [] Galvanized Steel [] None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: [] Continuous slot [] Mill slot [] Gauze wrapped [] Torch cut [] Drilled holes [] None (open hole) [] Louvered shutter [] Key punched [] Wire wrapped [] Saw cut [] Other (specify) SCREEN-PERFORATED INTERVALS: From..... ft. to ft., From..... ft. to ft. GRAVEL PACK INTERVALS: From..... ft. to ft., From..... ft. to ft.

6 GROUT MATERIAL: [] Neat cement [] Cement grout [] Bentonite [] Other Grout Intervals: From ft. to ft., From ft. to ft., From ft. toft. What is the nearest source of possible contamination: [] Septic tank [] Lateral lines [] Pit privy [] Livestock pens [] Insecticide storage [] Other (specify below) [] Sewer lines [] Cesspool [] Sewage lagoon [] Fuel storage [] Abandoned water well [] Watertight sewer lines [] Seepage pit [] Feedyard [] Fertilizer storage [] Oil well/gas well Direction from well Distance from well

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows include: 450-474 sand silty, 474-484 sand silty to fine, 484-489 red-brown clay.

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was [] constructed, [] reconstructed, or [] plugged under my jurisdiction and was completed on (mo/day/year) and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. This Water Well Record was completed on (mo/day/year) under the business name of by (signature)

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