

1 LOCATION OF WATER WELL: GRAHAM		Fraction NW 1/4 SW 1/4 SE 1/4		Section Number 26	Township Number T 9 S	Range Number R 23 E/W
Distance and direction from nearest town or city street address of well if located within city? 8 1/2 miles South of Hill City KS						
2 WATER WELL OWNER: F F A - HILL CITY HIGH SCHOOL						
RR#, St. Address, Box # : 1 RINGNECK DRIVE				Board of Agriculture, Division of Water Resources		
City, State, ZIP Code : HILL CITY KS 67642				Application Number:		
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 120 ft. ELEVATION: 100				
		Depth(s) Groundwater Encountered 1. 100 ft. 2. ft. 3. ft.				
		WELL'S STATIC WATER LEVEL 100 ft. below land surface measured on mo/day/yr 9-3-97				
		Pump test data: Well water was ft. after hours pumping gpm				
		Est. Yield 40 gpm: Well water was ft. after hours pumping gpm				
		Bore Hole Diameter 10 in. to 120 ft., and in. to ft.				
		WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well				
		XX Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)				
		2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well				
		Was a chemical/bacteriological sample submitted to Department? Yes No XX; If yes, mo/day/yr sample was submitted				
		Water Well Disinfected? Yes No XX				
5 TYPE OF BLANK CASING USED:						
1 Steel		3 RMP (SR)		5 Wrought iron		8 Concrete tile
XX PVC		4 ABS		6 Asbestos-Cement		9 Other (specify below)
				7 Fiberglass		CASING JOINTS: Glued XX Clamped
Blank casing diameter 5 in. to 100 ft., Dia						Welded
Casing height above land surface 18 in., weight 160 lbs./ft. Wall thickness or gauge No.						Threaded
TYPE OF SCREEN OR PERFORATION MATERIAL:						
1 Steel		3 Stainless steel		5 Fiberglass		8 RMP (SR)
2 Brass		4 Galvanized steel		6 Concrete tile		9 ABS
						10 Asbestos-cement
						11 Other (specify)
						12 None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE:						
1 Continuous slot		XX Mill slot		5 Gauzed wrapped		8 Saw cut
2 Louvered shutter		4 Key punched		6 Wire wrapped		9 Drilled holes
				7 Torch cut		10 Other (specify)
						11 None (open hole)
SCREEN-PERFORATED INTERVALS: From 100 ft. to 120 ft., From ft. to ft.						
GRAVEL PACK INTERVALS: From 80 ft. to 120 ft., From ft. to ft.						
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout XX Bentonite 4 Other						
Grout Intervals: From 0 ft. to 30 ft., From ft. to ft., From ft. to ft.						
What is the nearest source of possible contamination:						
1 Septic tank		4 Lateral lines		7 Pit privy		10 Livestock pens
2 Sewer lines		5 Cess pool		8 Sewage lagoon		11 Fuel storage
3 Watertight sewer lines		6 Seepage pit		9 Feedyard		12 Fertilizer storage
						13 Insecticide storage
						14 Abandoned water well
						15 Oil well/Gas well
						16 Other (specify below)
Direction from well? How many feet?						
FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	
0	12	SURFACE CLAY				
12	40	YELLOW CLAY				
40	55	MED SAND				
55	67	WHITE LIMESTONE ROCK				
67	88	SOFT CLAY				
88	95	WHITE LIMESTONE ROCK				
95	102	FINE SAND				
102	115	MED SAND				
115	118	LARGE SAND				
118	120	SHAPE				
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was XX constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 9-3-97 and this record is true to the best of my knowledge and belief. Kansas						
Water Well Contractor's License No. 444 This Water Well Record was completed on (mo/day/yr) 9-3-97						
under the business name of ANDY ANDERSON DRILLING by (signature) Andy Anderson						
INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send up three copies to Kansas Department of Health and Environment, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.						

OFFICE USE ONLY

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SENTINEL PETROLEUM, INC.

**101 N. ROBINSON, SUITE 910
OKLAHOMA CITY, OK 73102**

COPY

PH. (405) 239-2150

FAX (405) 235-3778

July 21, 2010

Kansas Dept. of Health & Environment
1000 SW Jackson St.
Topeka, KS 66612

ATTN: Richard Harper

RE: Temporary Permit for Ground Water
SE/4, Sec. 26-9S-23W
Graham County, KS

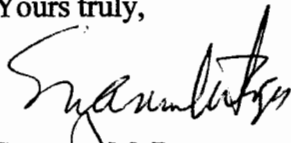
Dear Mr. Harper,

Per our conversation yesterday, be advised that Sentinel Petroleum, Inc., has finished drilling its well and has disconnected any pumping system and water lines used to obtain water from the water well located in the NW SW SE of Section 26-9S-23W. The well is owned by the United School District #281, Hill City, KS, from whom we got permission to use the water.

I have spoken with Mr. Larry Lyder, the contact person for this property, and advised him that we are finished with our well and no longer need water from this source. He has checked it out and is satisfied that the well is back to its original condition and is under the control of the school district once again. The school district uses the well.

Should you need further information on this matter, please contact the undersigned. Thank you.

Yours truly,



Suzanne M. Rogers
Operations Manager

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WATER RESOURCES
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JUN 04 2010

KS DEPT OF AGRICULTURE



State of Kansas

Submit To:

CHIEF ENGINEER
Division of Water Resources
Kansas Department of Agriculture
109 SW 9th Street, 2nd Floor
Topeka, KS 66612-1283
www.ksda.gov/dwr

APPLICATION FOR
TEMPORARY PERMIT

☒ GROUNDWATER
☐ SURFACE WATER
(check one)

STATUTORY FILING FEE OF \$200.00 MUST ACCOMPANY THIS APPLICATION
(Make check payable to the Kansas Department of Agriculture)

20100252

1. Applicant: (Please print or type)
Name Sentinel Petroleum, Inc.
Street 101 N. Robinson, Suite 910
City and State Oklahoma City, OK
Zip Code 73102 Telephone No. (405) 239-2150
Social Security I.D. No. _____
and/or Taxpayer I.D. No. _____

2. Location of Point of Diversion:
Sec. 26, Twp. 9S, Rng. 23W, (E/W),
Graham County, Kansas.

Distance from Southeast Corner of Section:
Est 1200' feet North from Southeast Corner
Est 2180' feet West from Southeast Corner

Existing water right? Yes ☐ No ☒
If yes, File No. _____

Pending application? Yes ☐ No ☒
If yes, File No. _____

3. Water Use Data:
Proposed Max. Pumping Rate (gpm) 50
Amount Requested (gallons) 325,851
(not to exceed one million gallons unless for dewatering)
Depth of Well (feet) 120 OR
Name of Stream N/A

4. Water is to be used for (briefly describe proposed use):
drilling oil well

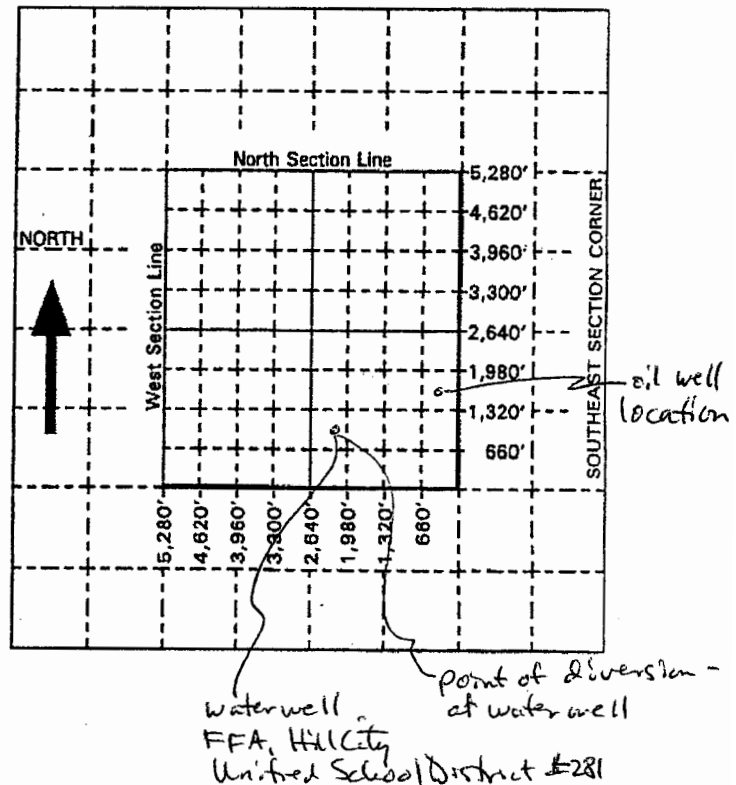
5. Location of place of use:
oil well to be located at 330' FEL & 1720 FSL of
SE/4, Section 26-9S-23W, Graham Co., KS

6. Period of use (6 months maximum):
Commencing date: July 5, 2010
Ending Date: July 30, 2010

7. Location of the proposed point of diversion shall be indicated on the diagram below. Use the center section.

If surface water, indicate on the diagram the course of the stream, and its name.

The scale of the diagram is 2 inches = 1 mile
Each small square represents 10 acres



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For Office Use Only: Code TMP Fee \$200 TR # _____ Receipt Date 6-4-10 Check # _____

8. For groundwater use, list below all wells within ½ mile of the proposed well, and plot locations upon the diagram on reverse side. If additional space is needed, attach sheet.

Other wells -

Well A Owner(s): Unified School District #281
Address: P.O. Box 309, Hill City, KS 67642

Well B Owner(s): _____
Address: _____

9. For surface water use, list below the names and addresses of all landowners from a point ½ mile upstream to a point ½ mile downstream of the tract of land upon which the point of diversion is located. If additional space is needed, attach sheet.

Tract A Owner(s): N/A
Address: _____

Tract B Owner(s): _____
Address: _____

10. The owner of the point of diversion, is (please print):

Unified School District #281, P.O. Box 309, Hill City, KS 67642

(name, address and telephone number)

You must provide evidence of legal access to, or control of, the point of diversion of water, from the landowner or the landowner's authorized representative. Provide a copy of a recorded deed, lease, easement or other document with this application. In lieu thereof, you may sign the following sworn statement:

I have legal access to, or control of, the point of diversion described in this application from the landowner or the landowner's authorized representative. I declare under penalty of perjury that the foregoing is true and correct.

Executed on _____, 2010

Applicant's Signature

11. The applicant states that the information set forth herein is true and accurate to the best of his/her knowledge.

Signature of Applicant

or

Authorized Representative

Date

Applicant's Name Printed

Gregg Byram, Vice-President

Title

DO NOT WRITE BELOW THIS LINE

CONDITIONS OF APPROVAL:

The applicant shall maintain records from which the quantity of water actually diverted may be readily determined.

The use of water herein authorized shall not be made so as to impair any use under existing water rights or prejudicially and unreasonably affect the public interest.

K.S.A. 82a-728 states in part "(a) except for the appropriation of water for the purpose of domestic use, . . . it shall be unlawful for any person to appropriate or threaten to appropriate water from any source without first applying for and obtaining a permit to appropriate water . . ."

Well(s) must be properly constructed by the well driller to comply with Article 30 of the Rules and Regulations as adopted by the Kansas Department of Health and Environment.

The Chief Engineer specifically retains jurisdiction in this matter with authority to make such reasonable reductions in the approved rate of diversion and quantity authorized, and such changes in other terms, conditions, and limitations set forth in this approval and permit to proceed as may be deemed to be in the public interest.

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APPLICATION APPROVED

Permit Number: 20100252

Date Issued: June 7, 2010

Effective: July 5, 2010

Expiration Date: July 30, 2010

For: David W Barfield, P.E.

Chief Engineer

Division of Water Resources
Kansas Department of Agriculture

The point of diversion authorized by the approval of this application for temporary permit is more particularly described as being located in the Northwest Quarter of the Southwest Quarter of the Southwest Quarter (NW¼ SW¼ SW¼) of Section 26, Township 9 South, Range 23 West, Graham County, Kansas.

This is a final agency action. If you choose to appeal this decision or any finding or part thereof, you must do so by filing a petition for review in the manner prescribed by the Kansas Act for Judicial Review and Civil Enforcement of Agency Actions (KJRA K.S.A. 77-601 et. seq.) within 30 days of service of this order. Your appeal must be made with the appropriate district court for the district of Kansas. The Chief Legal Counsel for the Kansas Department of Agriculture, 109 SW 9th Street, 4th Floor, Topeka, Kansas 66612, is the agency officer who will receive service of a petition for judicial review on behalf of the Department of Agriculture, Division of Water Resources. If you have questions or would like clarification concerning this order, you may contact the Chief Engineer.