

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: Morton		Fraction ¼ NE ¼ SW ¼ SE ¼	Section Number 8	Township No. T 34 S	Range Number R 43 <input type="checkbox"/> E <input checked="" type="checkbox"/> W				
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here <input type="checkbox"/> 6.25 N & 5.5 W of Elkhart, KS Well # PW3 PW-4			Global Positioning System (GPS) information: Latitude: 37.05901 N (in decimal degrees) Longitude: 102.00734 W (in decimal degrees) Elevation: Datum: <input type="checkbox"/> WGS 84, <input checked="" type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 Collection Method: <input checked="" type="checkbox"/> GPS unit (Make/Model: Garmin) <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey Est. Accuracy: <input type="checkbox"/> <3 m, <input checked="" type="checkbox"/> 3-5 m, <input type="checkbox"/> 5-15 m, <input type="checkbox"/> >15 m						
2 WATER WELL OWNER: Anadarko Petroleum RR#, Street Address, Box #: 1201 Lake Robbins Drive City, State, ZIP Code : The Woodlands, TX 77380									
3 LOCATE WELL WITH AN "X" IN SECTION BOX: N <table border="1" style="width: 100%; text-align: center; border-collapse: collapse;"> <tr> <td style="width: 25%;">NW</td> <td style="width: 25%;">NE</td> <td style="width: 25%;">SW</td> <td style="width: 25%;">SE</td> </tr> </table> S -----1 mile-----		NW	NE	SW	SE	4 DEPTH OF COMPLETED WELL 220 ft. Depth(s) Groundwater Encountered (1) 127-220 ft. (2) ft. (3) ft. WELL'S STATIC WATER LEVEL 127 ft. below land surface measured on mo/day/yr. 6/6/12 Pump test data: Well water was ft. after hours pumping gpm EST. YIELD 30 gpm. Well water was ft. after hours pumping gpm Bore Hole Diameter 8.75 in. to 225 ft., and in. to ft. WELL WATER TO BE USED AS: <input type="checkbox"/> Public water supply <input type="checkbox"/> Geothermal <input type="checkbox"/> Injection well <input type="checkbox"/> Domestic <input type="checkbox"/> Feedlot <input type="checkbox"/> Oil field water supply <input type="checkbox"/> Dewatering <input checked="" type="checkbox"/> Other (Specify below) <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Domestic-lawn & garden <input checked="" type="checkbox"/> Monitoring well Recovery Was a chemical/bacteriological sample submitted to Department? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, mo/day/yr sample was submitted Water well disinfected? <input type="checkbox"/> Yes <input type="checkbox"/> No			
NW	NE	SW	SE						
5 TYPE OF CASING USED: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Other CASING JOINTS: <input type="checkbox"/> Glued <input type="checkbox"/> Clamped <input type="checkbox"/> Welded <input checked="" type="checkbox"/> Threaded Casing diameter 5 in. to 120 ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface Waiver in., Weight lbs./ft., Wall thickness or gauge No. Sch 80 TYPE OF SCREEN OR PERFORATION MATERIAL: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC <input type="checkbox"/> Other (Specify) <input type="checkbox"/> Brass <input type="checkbox"/> Galvanized Steel <input type="checkbox"/> None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: <input type="checkbox"/> Continuous slot <input type="checkbox"/> Mill slot <input type="checkbox"/> Gauze wrapped <input type="checkbox"/> Torch cut <input type="checkbox"/> Drilled holes <input type="checkbox"/> None (open hole) <input type="checkbox"/> Louvered shutter <input type="checkbox"/> Key punched <input checked="" type="checkbox"/> Wire wrapped <input type="checkbox"/> Saw cut <input type="checkbox"/> Other (specify) SCREEN-PERFORATED INTERVALS: From 120 ft. to 220 ft., From ft. to ft. GRAVEL PACK INTERVALS: From 116 ft. to 220 ft., From ft. to ft. From ft. to ft., From ft. to ft.									
6 GROUT MATERIAL: <input checked="" type="checkbox"/> Neat cement <input type="checkbox"/> Cement grout <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Other Grout Intervals: From 0 ft. to 20 ft., From 20 ft. to 116 ft., From ft. to ft. What is the nearest source of possible contamination: <input type="checkbox"/> Septic tank <input type="checkbox"/> Lateral lines <input type="checkbox"/> Pit privy <input type="checkbox"/> Livestock pens <input type="checkbox"/> Insecticide storage <input type="checkbox"/> Other (specify below) <input type="checkbox"/> Sewer lines <input type="checkbox"/> Cesspool <input type="checkbox"/> Sewage lagoon <input type="checkbox"/> Fuel storage <input type="checkbox"/> Abandoned water well <input type="checkbox"/> Watertight sewer lines <input type="checkbox"/> Seepage pit <input type="checkbox"/> Feedyard <input type="checkbox"/> Fertilizer storage <input type="checkbox"/> Oil well/gas well Direction from well Distance from well									
FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS				
0	35	Sand - Pink to Brn							
35	45	Clayey Sand w/ Gravel - Brn							
45	90	Silty Sand - Lt Brn							
90	95	Sand - Lt Brn							
95	100	Clayey Gravel - Lt Brn							
100	120	Clayey Sand - Lt Brn							
120	130	Clay - Yellow							
130	200	Silty Sand - Yellow/Brn (Red @ 197)							
200	217	Silty to Sandy Clay							
217	225	Red Bed							
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <input checked="" type="checkbox"/> constructed, <input type="checkbox"/> reconstructed, or <input type="checkbox"/> plugged under my jurisdiction and was completed on (mo/day/year) 6/6/12 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 808 This Water Well Record was completed on (mo/day/year) 6/20/12 under the business name of Harrison & Cooper, Inc. by (signature) <i>R. Cooper</i>									
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 785-296-5524. 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 .									



October 26, 2016

Kenny Sullivan
Kansas Corporation Commission
Conservation Division
210 E. Frontview, Suite A
Dodge City, KS 67801

Re: Smith B5 SWD Well (Smith Finn Site Project)

On August 23, 2016, Anadarko E&P Onshore LLC and its affiliates (collectively, "Anadarko") entered into a purchase and sale agreement with Merit Hugoton II, LLC, an affiliate of Merit Energy Company ("Merit"). Pursuant to that agreement, Merit has agreed to acquire all of Anadarko's interest in certain upstream and midstream assets in southwest Kansas, northwest Oklahoma and southeast Colorado. Consequently, Anadarko is requesting Kansas Corporation Commission (KCC) to transfer our remediation obligations for the Smith B5 SWD Well (Smith Finn Site) to Merit.

In connection with the acquisition, Merit has agreed to assume responsibility for Anadarko's obligations with respect to the Smith Finn Site located in Morton County, Kansas, regardless of whether such obligations arose prior to or after the acquisition of the assets by Merit. This acquisition includes the assumption of responsibility by Merit for the existing remediation system, associated infrastructure, such as piping, flow meters, pumping wells, and monitoring wells, and permits. A complete list of the Smith Finn Site monitoring and pumping wells is included as Attachment 1 for reference.

Merit will be submitting a Form T-1 to KCC in support of their request for a change in operator for the Smith B5 SWD well injection permit (# D-0770). Anadarko and Merit will also be working with the Kansas Department of Agriculture to transfer Anadarko's water appropriation Term Permit (File No. 20099078), which is necessary to operate the groundwater extraction wells, to Merit.

Please be advised that Anadarko further requests the refund of any regulatory oversight deposit that remains once this transfer is complete. The sale to Merit, and the assumption of such obligations by Merit, is expected to occur on October 31, 2016. Merit's contact information is as follows:

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Merit Hugoton II, LLC
13727 Noel Road, Suite 1200
Tower 2
Dallas, Texas 75240
Facsimile: (972) 960-1252
Attn: Mark Savoy

If you have any questions or comments you can contact me at (832) 636-2879.

Sincerely,

A handwritten signature in black ink, appearing to read "Greg Feege". The signature is fluid and cursive, with the first name "Greg" and last name "Feege" clearly distinguishable.

Greg Feege, P.E.
Anadarko Petroleum Corp

cc: Mark Savoy, Merit Energy
Pam Chaffee, Kansas Department of Health and Environment

Attachment 1: Smith Finn Site Well List

Attachment 1.

Smith Finn Well List

Inventory of Wells Originally Installed by Anadarko Petroleum in support of remediation at the Smith Finn Site

Well ID	Well Type	Installation Date	GPS Location		County	Ownership Status, Effective Oct. 31, 2016
			Latitude (degrees north)	Longitude (degrees west)		
PW-1	Pumping	4/3/2006	37.09802	-102.01149	Morton	Merit Energy
PW-2	Pumping	4/4/2006	37.09958	-102.01255	Morton	Merit Energy
PW-3	Pumping	7/20/2009	37.10047	-102.01477	Morton	Merit Energy
PW-4	Pumping	6/5/2012	37.09830	-102.01182	Morton	Merit Energy
MW10-8	Monitoring	3/26/2003	37.10212	-102.01354	Morton	Merit Energy
MW11-8	Monitoring	3/17/2003	37.10213	-102.01375	Morton	Merit Energy
MW12-8	Monitoring	3/15/2003	37.10196	-102.01367	Morton	Merit Energy
MW13-8	Monitoring	3/29/2003	37.09848	-102.01200	Morton	Merit Energy
MW14-8	Monitoring	3/28/2003	37.09849	-102.01184	Morton	Merit Energy
MW15-8	Monitoring	3/27/2003	37.09835	-102.01185	Morton	Merit Energy
MW16-8	Monitoring	8/17/2005	37.09769	-102.01104	Morton	Merit Energy
MW17-8	Monitoring	8/18/2005	37.09762	-102.01098	Morton	Merit Energy
MW18-8	Monitoring	8/18/2005	37.09768	-102.01092	Morton	Merit Energy

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