

PW-1

WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

1 LOCATION OF WATER WELL: County: <u>Morton</u>		Fraction <u>W 2 SE 1/4</u>	Section Number <u>8</u>	Township Number <u>T 34 S</u>	Range Number <u>R 16 E/W</u>
Distance and direction from nearest town or city street address of well if located within city? <u>9 miles</u>			Global Positioning Systems (decimal degrees, min. of 4 digits) Latitude: _____ Longitude: _____ Elevation: _____ Datum: _____ Data Collection Method: _____		
2 WATER WELL OWNER: <u>Amadarko Petroleum</u> RR#, St. Address, Box # : <u>1201 Lake Robbins Dr</u> City, State, ZIP Code : <u>The Woodlands, Texas 77380</u>		4 DEPTH OF COMPLETED WELL <u>146</u> ft.			
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: N W --NW-- --NE-- E S SW --X-- SE		Depth(s) Groundwater Encountered (1) <u>136</u> 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 WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) <u>Recovery well</u> 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well Was a chemical/bacteriological sample submitted to Department? Yes _____ No <u>X</u> _____; If yes, mo/day/yr _____ Sample was submitted _____ Water well disinfected? Yes _____ No _____			
5 TYPE OF CASING USED: 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) _____ <u>2 PVC</u> 4 ABS <u>4 1/2</u> 7 Fiberglass _____ Blank casing diameter _____ in. to _____ ft., Diameter _____ in. to _____ ft., Diameter _____ in. to _____ ft. Casing height above land surface _____ in. Weight _____ lbs./ft. Wall thickness or guage No. <u>5 Sch 40</u>		CASING JOINTS: Glued _____ Clamped _____ Welded _____ Threaded <u>X</u>			
TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless Steel 5 Fiberglass <u>7 PVC</u> 9 ABS 11 Other (Specify) _____ 2 Brass 4 Galvanized Steel 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole)		SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 7 Torch cut 9 Drilled holes 11 None (open hole) 2 Louvered shutter 4 Key punched 6 Wire wrapped <u>8 Saw Cut</u> 10 Other (specify) <u>Factory saw Cut</u>			
SCREEN-PERFORATED INTERVALS: From <u>121</u> ft. to <u>146</u> ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft. GRAVEL PACK INTERVALS: From <u>121</u> ft. to <u>146</u> ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.		6 GROUT MATERIAL: <u>1 Neat cement</u> 2 Cement grout 3 Bentonite 4 Other _____ Grout Intervals: From <u>0</u> ft. to <u>25</u> ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft. What is the nearest source of possible contamination: <u>1 Septic tank</u> 4 Lateral lines 7 Pit privy 10 Livestock pens 13 Insecticide Storage 16 Other (specify below) 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer Storage 15 Oil well/gas well Direction from well? _____ How many feet? <u>500</u>			
FROM TO LITHOLOGIC LOG		FROM TO PLUGGING INTERVALS			
87	87	Tan Brown Sand-Gravel			
87	121	Grey Brown Clay w/ Caliche			
121	136	Tan Brown			
136	146	Grey-White Shale w/ Gravel			
146	153	Tan Brown Clay			
153	180	Tan Sandy Clay			
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>4/2/06</u> 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) <u>5/26/06</u> under the business name of <u>Accurate Drilling Service</u> (signature) <u>Shelly Ward</u> INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRM and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies 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 to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well. Visit us at http://www.kdhe.state.ks.us/geo/waterwells .					



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 Feegle". The signature is fluid and cursive, with the first name "Greg" and last name "Feegle" clearly distinguishable.

Greg Feegle, 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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