

County: Grant Fraction NW NW NW SE Sec. 18 T 30 S R 38 E(W)

**CORRECTION(S) TO WATER WELL COMPLETION RECORD (WWC-5)**

(to rectify lacking or incorrect information)

Owner: Oxy USA Inc.

Location was listed as:

Section-Township-Range: 18-30S-38W

Fraction ( $\frac{1}{4}$   $\frac{1}{4}$   $\frac{1}{4}$ ): None Given

Location changed to:

18-30S-38W

NW NW NW SE

Other changes: Initial statements: \_\_\_\_\_

Changed to: \_\_\_\_\_

Comments: \_\_\_\_\_

Verification method: Written & legal descriptions, position on plat map,  
location of associated oil well, and mapping tool & aerial  
photos on KGS website. initials: DRD date: 10/30/2013

Submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 66047-3726  
to: Kansas Dept of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367.

## WATER WELL RECORD

## Form WWC-5

Division of Water Resources App. No. 

<b>1 LOCATION OF WATER WELL:</b> County: GRANT CO KS		Fraction $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$		Section Number 18	Township No. T 30 S	Range Number R 38 <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"/> . Ulysses Ulysses: hwy 25&160, w 160 5 m to rd e, 9m s rd e to rd 21.3 1/4 mw rd 21, s trail rd 1/2 m.				<b>Global Positioning System (GPS) information:</b> Latitude: ..... (in decimal degrees) Longitude: ..... (in decimal degrees) Elevation: ..... Datum: <input type="checkbox"/> WGS 84, <input type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 Collection Method: <input type="checkbox"/> GPS unit (Make/Model: .....) <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey Est. Accuracy: <input type="checkbox"/> <3 m, <input type="checkbox"/> 3-5 m, <input type="checkbox"/> 5-15 m, <input type="checkbox"/> >15 m						
<b>2 WATER WELL OWNER:</b> OXY USA INC RR#, Street Address, Box #: P.O. BOX 2768 City, State, ZIP Code : ADDISON TX 750012768										
<b>3 LOCATE WELL WITH AN "X" IN SECTION BOX:</b> N <div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: center; margin-right: 10px;">W</div> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td style="padding: 5px;">--NW--</td> <td style="padding: 5px;">--NE--</td> </tr> <tr> <td style="padding: 5px;">--SW--</td> <td style="padding: 5px;">--SE--</td> </tr> </table> <div style="text-align: center; margin-left: 10px;">E</div> </div> <div style="text-align: center; margin-top: 5px;">S</div> <div style="text-align: center; margin-top: 5px;"> -----1 mile----- </div>		--NW--	--NE--	--SW--	--SE--	<b>4 DEPTH OF COMPLETED WELL</b> 360 ..... ft. Depth(s) Groundwater Encountered (1) 260 ..... ft. (2) ..... ft. (3) ..... ft. WELL'S STATIC WATER LEVEL 260 ..... ft. below land surface measured on mo/day/yr. 8-22-13 Pump test data: Well water was 270 ..... ft. after 1 ..... hours pumping 90 ..... gpm EST. YIELD 90 ..... gpm. Well water was ..... ft. after ..... hours pumping ..... gpm Bore Hole Diameter 10 3/4 ..... in. to 360 ..... 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 checked="" type="checkbox"/> Oil field water supply <input type="checkbox"/> Dewatering <input type="checkbox"/> Other (Specify below) <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Domestic-lawn & garden <input type="checkbox"/> Monitoring well 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
--NW--	--NE--									
--SW--	--SE--									
<b>5 TYPE OF CASING USED:</b> <input type="checkbox"/> Steel <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Other ..... CASING JOINTS: <input checked="" type="checkbox"/> Glued <input type="checkbox"/> Clamped <input type="checkbox"/> Welded <input type="checkbox"/> Threaded Casing diameter .6 ..... in. to 360 ..... ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft. Casing height above land surface 24 ..... in., Weight 4.074 ..... lbs./ft., Wall thickness or gauge No. SDR-21 316 ..... TYPE OF SCREEN OR PERFORATION MATERIAL: <input type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input checked="" 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 type="checkbox"/> Wire wrapped <input checked="" type="checkbox"/> Saw cut <input type="checkbox"/> Other (specify) ..... SCREEN-PERFORATED INTERVALS: From 280 ..... ft. to 360 ..... ft., From ..... ft. to ..... ft. From ..... ft. to ..... ft., From ..... ft. to ..... ft. GRAVEL PACK INTERVALS: From 125 ..... ft. to 360 ..... ft., From ..... ft. to ..... ft. From ..... ft. to ..... ft., From ..... ft. to ..... ft.										
<b>6 GROUT MATERIAL:</b> <input checked="" type="checkbox"/> Neat cement <input type="checkbox"/> Cement grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Other ..... Grout Intervals: From 1 ..... ft. to 25 ..... ft., From ..... ft. to ..... 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	3	TOP SOIL	218	351	MED. SAND					
3	24	CLAY	351	360	PINK CLAY/SANDSTONE					
24	40	SANDY CLAY								
40	52	CALICHE								
52	68	CALICHE/SANDY CLAY								
68	90	CLAY/SANDSTONE								
90	121	COARSE SAND								
121	158	MED. SAND								
158	206	MED. SAND/CLAY STREAKS								
206	218	SANDY CLAY								
<b>7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:</b> 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) 8-21-13 ..... 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/year) 8-21-13 ..... under the business name of Howard Drlq Co Box 806 Beaver Ok 73932 .. by (signature) <u>Phu Howard</u>										
<b>INSTRUCTIONS:</b> Use typewriter or ball point pen. <u>PLEASE PRESS FIRMLY</u> and <u>PRINT</u> clearly. Please fill in blanks and check the correct answers. Send one copy 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 <a href="http://www.kdheks.gov/waterwell/index.html">http://www.kdheks.gov/waterwell/index.html</a>										