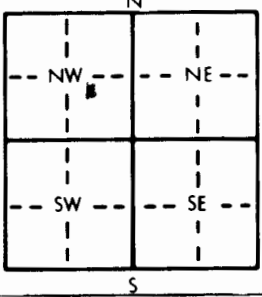


LOCATION OF WATER WELL: County: Seward	Fraction NE 1/4 SE 1/4 NW 1/4	Section Number 27	Township Number T 31 S	Range Number R 34 EW
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Distance and direction from nearest town or city street address of well if located within city?
North of Liberal to 83 - 190 Jct. 7 West 3 South West into

WATER WELL OWNER: **#2 Federal Farm A Oxy USA, Inc.**
 RR#, St. Address, Box #: **Box 26100**
 City, State, ZIP Code: **Oklahoma City, OK**
 Board of Agriculture, Division of Water Resources
 Application Number: **T89-528**

LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:



DEPTH OF COMPLETED WELL: **290** ft. ELEVATION: _____
 Depth(s) Groundwater Encountered **1 175** ft. **2** ft. **3** ft.
 WELL'S STATIC WATER LEVEL **115** ft. below land surface measured on **mo/day/yr 12-6-89**
 Pump test data: Well water was **105** ft. after **2** hours pumping **85** gpm
 Est. Yield **90** gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter **9** in. to **290** ft., and _____ in. to _____ ft.
 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)
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No **X**; If yes, mo/day/yr sample was submitted _____
 Water Well Disinfected? Yes **X** No

TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below)
 Blank casing diameter **5** in. to **190** ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface **14** in., weight **200** lbs./ft. Wall thickness or gauge No. **0.265**

TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) _____
 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify) _____

SCREEN-PERFORATED INTERVALS: From **190** ft. to **290** ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From **105** ft. to **290** ft., From _____ ft. to _____ ft.

GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Hole plug
 Grout Intervals: From **0** ft. to **20** 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 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)
 13 Insecticide storage
 Direction from well? **Southwest** How many feet? **300**

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	115	Overburden			
115	120	Medium sand			
120	140	Medium sand			
140	160	Medium sand			
160	180	Medium sand			
180	200	Medium sand and gravel			
200	220	Medium sand and gravel			
220	240	Medium sand and gravel			
240	260	Medium to coarse sand			
260	280	Medium to fine sand			
280	290	Medium to fine sand Redbed @280			

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) **12-6-89** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **142**. This Water Well Record was completed on (mo/day/yr) **12-8-89** under the business name of **T & W Water Well Service, Inc** by (signature) *CD Wagonseller*