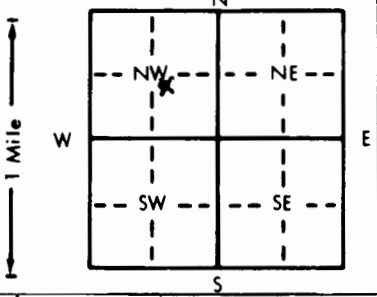


1 LOCATION OF WATER WELL: County: GRANT	Fraction NW 1/4 SE 1/4 NW 1/4	Section Number 21	Township Number T 29 S	Range Number R 36 EW
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Distance and direction from nearest town or city street address of well if located within city? NW Corner of Moscow - 12 miles north - 2 1/2 West 3/4 north 1/4 west into.

2 WATER WELL OWNER: Geo. J. Hagerman RR#, St. Address, Box # : 3292 Majestic Oaks Dr. City, State, ZIP Code : St. Cloud, FLORIDA 32769	ARCO OIL & GAS/Zenith #8 Board of Agriculture, Division of Water Resources Application Number: T89-222
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3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL... 340 ft. ELEVATION:
Depth(s) Groundwater Encountered 1. 223 ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL ft. below land surface measured on mo/day/yr 5-18-89
Pump test data: Well water was ft. after hours pumping gpm
Est. Yield .95 gpm: Well water was ft. after hours pumping gpm
Bore Hole Diameter .11 in. to 340 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

5 TYPE OF BLANK CASING USED:	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued X Clamped
1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)
2 PVC	4 ABS	7 Fiberglass	Welded
Blank casing diameter .6. 5/8 in. to .160 ft., Dia			Threaded
Casing height above land surface .28 in., weight 3.71 lbs./ft.			Wall thickness or gauge No. .280
TYPE OF SCREEN OR PERFORATION MATERIAL:		7 PVC	10 Asbestos-cement
1 Steel	3 Stainless steel	5 Fiberglass	8 RMP (SR)
2 Brass	4 Galvanized steel	6 Concrete tile	9 ABS
SCREEN OR PERFORATION OPENINGS ARE:		5 Gauzed wrapped	8 Saw cut
1 Continuous slot	3 Mill slot	6 Wire wrapped	9 Drilled holes
2 Louvered shutter	4 Key punched	7 Torch cut	10 Other (specify)
SCREEN-PERFORATED INTERVALS:	From .160 ft. to .340 ft.		
GRAVEL PACK INTERVALS:	From .25 ft. to .100 ft.	From .110 ft. to .340 ft.	

6 GROUT MATERIAL:	1 Neat cement	2 Cement grout	3 Bentonite	4 Other
Grout Intervals: From .0 ft. to .5 ft.		From .5 ft. to .25 ft.		From .100 ft. to .110 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)
Direction from well? Northeast			How many feet? 160	

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	Surface			
2	32	Sandy clay			
32	77	Clay			
77	110	Blue clay			
110-118		Sandy clay			
118	162	85% Med. to large sand-15% sandy clay			
162	178	Clay			
178	199	10% Clay-90% Med. to large sand			
199	268	Sandy clay			
268	321	5% Clay-95% Med. to large sand			
321-	335	80% Yellow clay-20% Gravel			
335	340	Black shale			

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) 5-18-89 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 118 This Water Well Record was completed on (mo/day/yr) 5-25-89 under the business name of CARLILE WATER WELL SERVICE, INC. by (signature)