RR#, St. Address, Box #: 721 N. Jordon Box 661 Application Number 940233 Liberal, Ks. 67901 Colby, Ks. 67701 Application Number 940233 LOCATE WELL'S LOCATION WITH 4 DEPTH OF COMPLETED WELL 360 ft. ELEVATION: AN X' IN SECTION BOX: Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. WELL'S STATIC WATER LEVEL 220 ft. below land surface measured on morday/yr Pump test data: Well water was ft. after hours pumping. Bore Hole Diameter 8. in to 360 ft. and in to water Well Disinfected? Yes No. x If yes, morday/yr sample with water well Disinfected? Yes No. x If yes, morday/yr sample with mitted water well Disinfected? Yes No x in to .
Distance and direction from nearest town or city street address of well if located within city? 11 Miles East, 1/4 Mile North of Plains 2 WATER WELL DWNER: Pauline Douglass Murfin Drilling, Inc. RR#, St. Address, Box #: 721 N. Jordon Box 661 City, State, ZIP Code: Liperal, Ks. 67901 Colby, Ks. 67701 Application Number9 40233 LOCATE WELL'S LOCATION WITH A DEPTH OF COMPLETED WELL. Depth(s) Groundwater Encountered: Depth(s) Groundwater Encountere
11 Miles East, 1/4 Mile North of Plains 2 WATER WELL OWNER: Pauline Douglass Murfin Drilling, Inc. RR#, St. Address, Box #: 721 N. Jordon Box 661 City, State, ZiP Code Liberal, Ks. 67901 Colby, Ks. 67701 Application Number 940233 3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX.
Pauline Douglass Murfin Drilling, Inc. Board of Agriculture, Division of Water Re Mark St. Address, Box # : 721 N. Jordon Box 661 Application Number 40233 Application Number 40233 Application Number 40233 DEPTH OF COMPLETED WELL 360 ft. ELEVATION:
RRW, St. Address, Box #: 721 N. Jordon Box 661 Applications, Division of Water Rec. City, State, ZIP Code : Liberal, Ks. 67901 Colby, Ks. 67701 Application Number 940233 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. WELL'S STATIC WATER LEVE. 220 ft. below land surface measured on modaylyr Pump test data: Well water was ft. after hours pumping. Est. Yield gpm: Well water was ft. after hou
City, State, ZIP Code Liberal, Ks.67901 Colby, Ks.67701 Application Number940233 Colorate Well, Stocation With 4 Depth of CoMPLETEO WELL 360 ft. ELEVATION:
City, State, ZIP Code : Liberal, Ks. 67901 Colby , Ks. 6.7701 Application Number 940233 LOCATE WELL'S LOCATION WITH 4 DEPTH OF COMPLETE WELL 360
SOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. WELL'S STATIC WATER LEVE! 220 ft. below land surface measured on moregy repumping. Pump test data: Well water was it. after hours pumping. Est. Yield gpm: Well water was ft. after hours pumping. Bore Hole Diameter 8. in. to 360 ft. and. WELL WATER TO BE USED AS: 5 Public water supply 9 Dewatering 12 Other (Specify below) Was a chemical/bacteriological sample submitted to Department? Yes. No. X: If yes, more daylyr sample with the water was not after hours pumping. Type OF BLANK CASING USED: 5 Wrought iron 8 Concrete file CASING JOINTS: Glued X Clamped . Stele 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Well was a chemical/bacteriological sample submitted to Department? Yes. No. X If yes, more daylyr sample with the water was not account of the property of the control of the property
WELL'S STATIC WATER LEVE! 220 ft. below land surface measured on mordaylyr Pump test data: Well water was ft. after hours pumping Bore Hole Diameter. 8 in. to 360 ft. and in. to 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
Pump test data: Well water was ft. after hours pumping Est. Yield gpm: Well water was ft. after hours pumping Bore Hole Diameter . 8. in. to . 36.0 ft. and
Est. Yield gpm: Well water was ft. after hours pumping bore Hole Diameter 8. in. to 360 ft. and in. to in. to 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 wintted 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 wintted Water Well Disinfected? Yes No. X. Clamped. 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded, 2 PVC 4 ABS 7 Fiberglass Threaded. 1 Steel 3 Stainless 188 in. weight 2 38 Ibs./ft. Wall thickness or gauge No. 248. TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 10 Asbestos-cement 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole) 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) SCREEN PERFORATEO INTERVALS: From 320 ft. to 360 ft. From ft. to From ft.
Bore Hole Diameter . 8. in. to
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 v Water Well Disinfected? Yes No X Clamped 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded Threaded
WELL WATER TO BE USED AS: 5 Public water supply 9 Dewatering 12 Other (Specify below 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well 2 Industrial 8 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well 2 Industrial 8 Irrigation 4 Industrial 8 Irrigation 8 Irrigatio
2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well was a chemical/bacteriological sample submitted to Department? Yes
2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well Was a chemical/bacteriological sample submitted to Department? Yes
TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded Clamped 2 PVC 4 ABS 7 Fiberglass Threaded Blank casing diameter 4 . 5 in to 320 ft., Dia in to ft., Dia in to second file and second fil
TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded Clamped 2 PVC 4 ABS 7 Fiberglass Threaded Blank casing diameter 4 . 5 in to 320 ft., Dia in to ft., Dia in to ft. Dia ft. From ft. to ft., From ft., ft., F
1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded
1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded 2 PVC 4 ABS 7 Fiberglass Threaded 4.5 in to 320 ft., Dia in to ft. Dia in to ft. Dia in to Casing height above land surface. 1.8 in, weight 2.38 lbs/ft. Wall thickness or gauge No. 248. TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 17 None (open not 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) 320 ft. to 360 ft. From ft. to ft. From ft. F
PVC 4 ABS 7 Fiberglass 7 Threaded. A • 5 in to 320 ft., Dia in to ft. Dia
Casing height above land surface. 1.8 in. to 320 ft., Dia in. to ft., Dia in. to ft., Dia in. to Casing height above land surface. 1.8 in., weight 2.38 jbs./ft. Wall thickness or gauge No 248. TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass 6 RMP (SR) 11 Other (specify) 11 Other (specify) 12 None used (open hole) 13 Nill slot 14 September 15 Gauzed wrapped 15 Dilled holes 15 CREEN-PERFORATED INTERVALS: From 15 to 15 College of the ft., From 15 to 15 CREEN-PERFORATED INTERVALS: From 15 to 15 College of the ft., From 15 to 15 CREEN-PERFORATED INTERVALS: From 15 to 15 College of the ft., From 15 College of the
Casing height above land surface. 1.8 in., weight 2.38. Ibs:/it. Wall thickness or gauge No. 248 TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SP) 11 Other (specify). 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 17 None (open not) 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Diffied holes 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) SCREEN-PERFORATED INTERVALS: From. 320 ft. to 360 ft., From ft. to From ft. to ft., From ft. to GRAVEL PACK INTERVALS: From. 20 ft. to 360 ft., From ft. to From ft. to ft., From ft. to GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Grout Intervals: From. 0 ft. to 20 ft., From ft. to 10 Livestock pens 14 Abandoned water we 15 Oil well/Gas well
TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify)
1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SP) 11 Other (specify)
2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open not) 1 Continuous slot 3 Miil slot 6 Wire wrapped 9 Diffed notes 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) SCREEN-PERFORATED INTERVALS: From 32.0 ft. to 36.0 ft. From ft. to From ft. to ft. From ft. to GRAVEL PACK INTERVALS: From 20 ft. to 36.0 ft. From ft. to From ft. to ft. From ft. to From ft. to ft. From ft. to GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentomite 4 Other Grout Intervals: From 0 ft. to 20 ft. From ft. to 10 Livestock pens 14 Abandoned water we 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel slorage 15 Oil well/Gas well
SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open not of the second of the seco
1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Diffed holes 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) SCREEN-PERFORATED INTERVALS: From 320 ft to 360 ft, From ft to From ft to ft, From ft to GRAVEL PACK INTERVALS: From 20 ft to 360 ft, From ft to From ft to ft, From ft to GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Grout Intervals: From 0 ft to 20 ft, From ft to 3t, From ft to What is the nearest source of possible contamination: 10 Livestock pens 14 Abandoned water we 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel slorage 15 Oil well/Gas wetl
2 Louvered shutter
SCREEN-PERFORATED INTERVALS: From. 320 ft. to 360 ft., From. ft. to From. ft. to ft., From. ft. to
From ft to ft, From ft to ft, From ft to GRAVEL PACK INTERVALS: From 20 ft to 360 ft, From ft to ft to ft, From ft to
GRAVEL PACK INTERVALS: From. 20 ft. to 360 ft. From ft. to From ft. to ft. From ft. to GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Grout Intervals: From 0 ft. to 20 ft. From ft. to ft. From ft. to What is the nearest source of possible contamination: 10 Livestock pens 14 Abandoned water we 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas wett
From ft. to ft. From ft. to GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Grout Intervals: From 0 ft. to 20 ft. From ft. to it. From ft. to it. From ft. to What is the nearest source of possible contamination: 10 Livestock pens 14 Abandoned water we 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas wetl
GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Grout Intervals: From. 0 ft. to 20 ft., From ft. to ft., From ft., Fro
Grout Intervals: From 0 ft. to 20 ft., From ft. to 10 Livestock pens 14 Abandoned water we 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas wett
Grout Intervals: From 0 ft. to 20 ft., From ft. to it., F
What is the nearest source of possible contamination: 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas wett
3 Waterlight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage
Direction from well? Southeast How many feet? 150'
FROM TO LITHOLOGIC LOG FROM TO PLUGGING INTERVALS
0 2 Surface 169 170 Hard Caliche
2 16 Loess 170 172 Sticky Clay
16 85 Clay w/some Caliche Strks. 172 198 Med. Sand & Gravel w/Clay
1 01 /Ooligho
ze tee cara cray and care
102 109 Sandy Clay w/Sand Strks. 214 216 Sandy Clay
109 119 Med. Sand & Gravel w/S.Clay 216 234 Med. Sand w/Caliche Strk
119 125 Sandy Clay 234 240 Blue Shale
126 140 Med. Sand & Gravel w/Clay St. 240 255 Sand w/Clay Strks.
140 147 Sandy Clay w/S. Sand Strks. 255 260 Fine Sand
147 152 Med. Sand & Gravel w/Clay St. 260 270 Sandy w/Clay & Caliche S
147 152 Med. Sand & Gravel w/Clay St. 260 270 Sandy w/Clay & Caliche S 152 152.5 Hard Caliche 270 353 Fine to Med. Sand
147 152 Med. Sand & Gravel w/Clay St. 260 270 Sandy w/Clay & Caliche S 152 152.5 Hard Caliche 270 353 Fine to Med. Sand
147 152 Med. Sand & Gravel w/Clay St. 260 270 Sandy w/Clay & Caliche S 152 152.5 Hard Caliche 270 353 Fine to Med. Sand 52.5 162 Sandy Clay w/a few Sand Strk. 353 355 Sandy Clay
147 152 Med. Sand & Gravel w/Clay St. 260 270 Sandy w/Clay & Caliche S 152 152.5 Hard Caliche 270 353 Fine to Med. Sand 52.5 162 Sandy Clay w/a few Sand Strk. 353 355 Sandy Clay 162 165 Med. Sand & Gravel 355 360 Fine to Med. Sand
147 152 Med. Sand & Gravel w/Clay St. 260 270 Sandy w/Clay & Caliche S 152 152.5 Hard Caliche 270 353 Fine to Med. Sand 52.5 162 Sandy Clay w/a few Sand Strk. 353 355 Sandy Clay 162 165 Med. Sand & Gravel 355 360 Fine to Med. Sand 165 169 Sandy, Sticky Clay The sand Strk Sand The sand Sand Sand The sand Sand Sand Sand Sand Sand Sand Sand S
147 152 Med. Sand & Gravel w/Clay St. 260 270 Sandy w/Clay & Caliche S 152 152.5 Hard Caliche 270 353 Fine to Med. Sand 52.5 162 Sandy Clay w/a few Sand Strk. 353 355 Sandy Clay 162 165 Med. Sand & Gravel 355 360 Fine to Med. Sand 165 169 Sandy, Sticky Clay CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction a
147 152 Med. Sand & Gravel w/Clay St. 260 270 Sandy w/Clay & Caliche S 152 152.5 Hard Caliche 270 353 Fine to Med. Sand 52.5 162 Sandy Clay w/a few Sand Strk. 353 355 Sandy Clay 162 165 Med. Sand & Gravel 355 360 Fine to Med. Sand 165 169 Sandy, Sticky Clay CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction a and this record is true to the best of my knowledge and belief.
147 152 Med. Sand & Gravel w/Clay St. 260 270 Sandy w/Clay & Caliche S 152 152.5 Hard Caliche 270 353 Fine to Med. Sand 52.5 162 Sandy Clay w/a few Sand Strk. 353 355 Sandy Clay 162 165 Med. Sand & Gravel 355 360 Fine to Med. Sand 165 169 Sandy, Sticky Clay CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction a