

MONITOR WELLBORE SCHEMATIC STATUS: ACTIVE

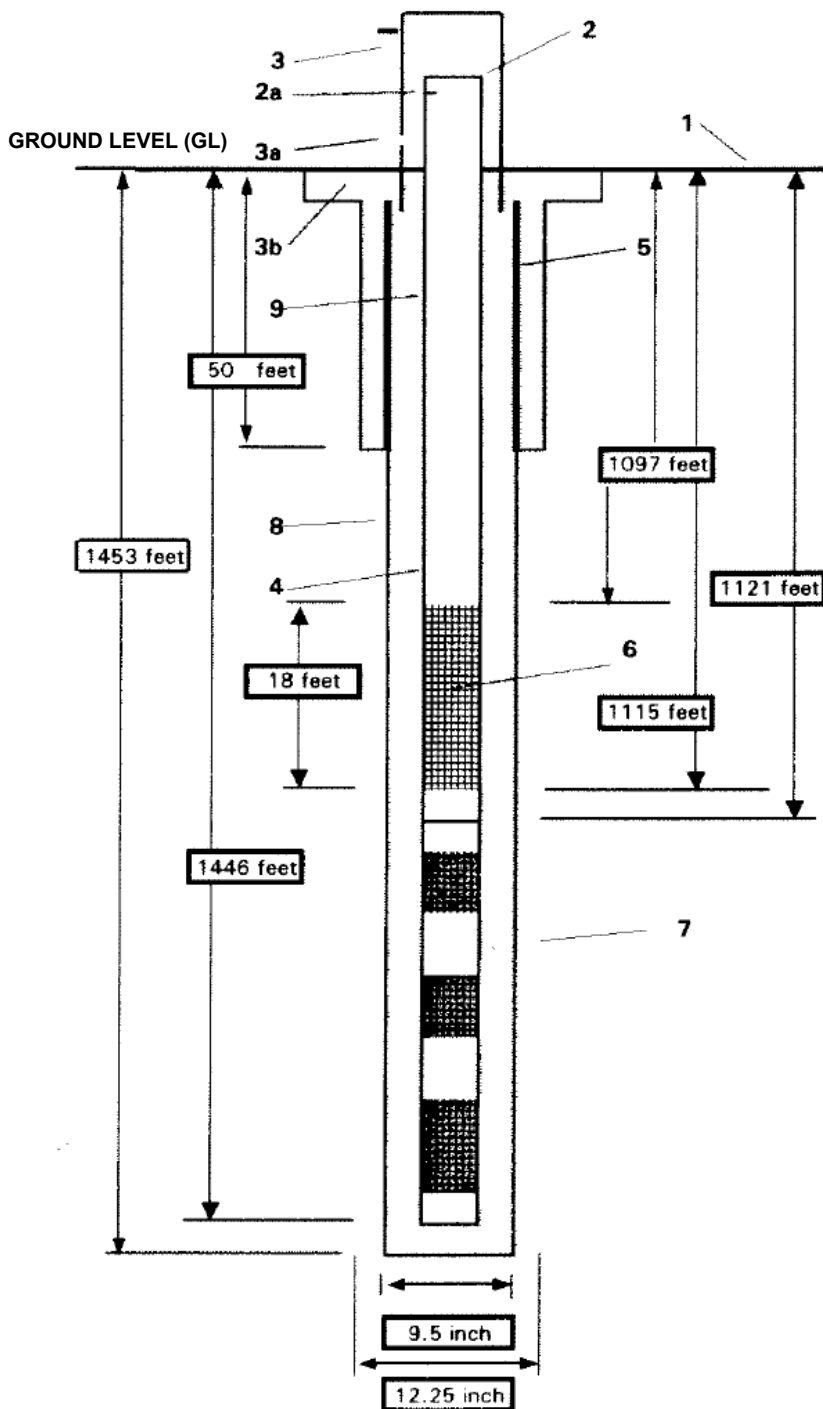
KB =
GL = 1282' MSL

OGE

CLIENT:
INFORMATION:

OGE ENERGY CORP. MONITOR WELL COMPLETION DIAGRAM

MCCLAIN FACILITY - MCCLAIN COUNTY, OK



*Not to Scale

WELLBORE ASSEMBLY COMPLETION DETAILS

1- Ground elevation at well	Approximately 1282 feet msl
2- Top of casing elevation	Approximately 1284 feet msl
a) vent hole?	Yes
3- Wellhead protection cover type	Steel
a) weep hole?	Yes
b) concrete pad dimensions	4 feet by 4 feet
4- Dia./type of well casing	5.5 inch Steel
5- Dia./type of surface casing	10.75 inch Steel
6- Type/slot size of screen	Perforations 6 shots/ft. 1097 - 1115 feet bgs
7- Type screen filter	Formation
8- Type of seal	Grout
9- Grout	
a) Grout mix used -lead mix	Std Cmt, 5% salt, 4% bent, 1/4lb/sack Flocele
Trail mix	Std Cmt, 3% salt, 4% bent, 1/4lb/sack Flocele
b) Method of placement	Pressure Grout
c) Vol. of well casing grout	230 sacks for lead mix, 280 sacks for trail mix
Development method	Bailing/airlift/pumping
Development time	See Tables 4-7
Estimated purge volume	See Tables 4-7
Comments	Converted sampling well into monitoring well.
Other Perforations: below ground surface (bgs)	
	1129 - 1142 feet, grouted to 1121 feet after sampling
	1149 - 1160 feet
	1187 - 1203 feet, grouted to 1169.5 feet after sampling
	1223 - 1232 feet
	1242 - 1259 feet
	1358 - 1367 feet, grouted to 1336 feet after sampled
	1372 - 1393 feet

*NOTES

PROJECT : DENA USDW Verification LOCATION : 2007 NW24th St, Newcastle, Oklahoma
 DRILLING CONTRACTOR : Layne Christensen, Wichita, Kansas
 DRILLING METHOD AND EQUIPMENT USED : Mud Rotary, Wilson 3100 - Surface Casing set with Auger Piling Rig
 WATER LEVELS : 505.5 feet bgs START : 8/17/2001@0930 hours END : 10/19/2001 LOGGER : Mellon/Suddath

PROJECT NO: 2300510NC	ILLUSTRATION NO: ADAPTED FROM CH2MHILL (03/04/2002)	REVISION: -
SCALE: NOT TO SCALE	DATE: 08/11/2023	APPROVED BY: ESSJ (GKS)
		APPROVED BY: DJC

Geostock Sandia

FIGURE D-1 DMONITOR WELL COMPLETION SCHEMATIC