

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES

ROLIA, MISSOURI

ORIGINAL

14-11-22E

COUNTY Leavenworth

M.O.S. LOG NO. _____

COMPANY OR OWNER SchwartzFARM Earl Penrose WELL NO. 1LOCATION SEC. 14 T. 11 R. 22

CONTRACTOR _____

DRILLER _____

STARTED April 23, 52 COMPLETED _____

PRODUCTION _____

CASING RECORD 8 1/4 - 22

WATER RECORD _____

SOURCE OF LOG Drillers daily reports

MARKS _____

ELEV. _____

TOTAL DEPTH 445

FORMATION	FROM (ft.)	TO (ft.)	FORMATION	FROM (ft.)	TO (ft.)
Surface		24	Shale	3	233
Sand	6	30	Shale	2	235
Shale	5	35	Shale	10	245
Sand shale	5	40	Shale (cc)	20	265
Shale	5	45	Shale	6	271
Shale	2	47	Shale (Drum)	20	291
Shale	8	55	Shale	15	306
Shale	15	70	Shale (Bent)	5	311
Shale	5	75	Shale	6	316
Shale	3	78	Shale (Cus)	29	345
Shale	23	101	Shale	2	347
Shale	19	120	Shale (Bent)	20	367
Shale	25	145	14 Bent water	2	369
Shale	35	180	Shale	2	377
Shale	10	190	Shale	5	389
Shale	45	235	Sand broken	12	407
Shale	3	235	Sand - gas at 407	15	415
Shale	2	240	Shale full water at 445		
Shale			Casing set at 377		