PHELPS DODGE #20 USFS, COCONINO CO.
NW NE SW 12N-10E-1, File 3-12

3-12

void

File No. ~~198~~
Strat (Mineral) hole

Strat (mineral) Test
~~WATER WELL~~ INFORMATION SHEET

County Coconino

Area

Phelps Dodge #20 USFS
Well Owner US Forest Service #20 Phelps - Dodge

API # 02-005-05092

LOCATION

T R S	Quadrangle, District, and Field Number or Name	Miles West and South of Northeast Corner of Quadrangle
12N-10E 1 NW NE SW		est. 2310 fsl 1650 fwl

Total Depth	Elevation		Samples of Drill-Bit Cuttings and/or Cores		
743	7346 GL	KB	No	Yes	Sample File No.

Lat 34-27-20 N Lng 111-15-05 W

LOGS

Elec Logs	Lithologic	Driller's

GEOLOGICAL

Formation Tops	Depth			Remarks
	Elec Logs	Lithologic	Driller's	
Pco			0-637	
P Coi ?			637	

Source of Formation Top Data: USGS - Flagstaff & ALD WRR 33

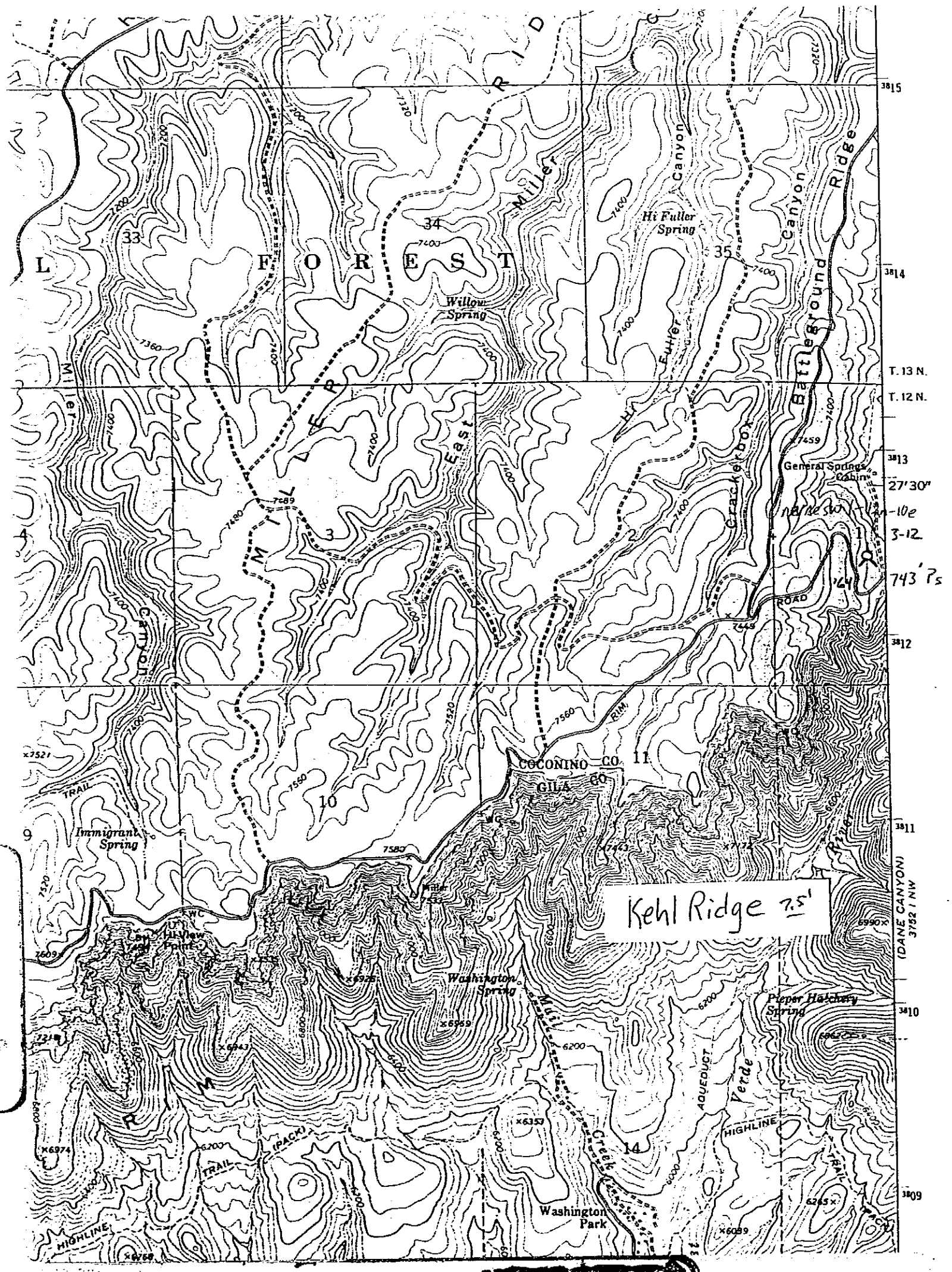
GENERAL

Table 1.--Records of selected wells in southern Coconino County

Location: See p. 3 for description of well-numbering and location system.
Static water level: R, reported.
Bail or pump-test data: R, reported.
Use of water: D, domestic; Ind, industrial; Irr, irrigation; N, none; PS, public supply; S, stock.

Well log: T3, log included in table 3.
Chemical analysis: T4, chemical analysis included in table 4.
Remarks: ATT, American Telephone and Telegraph Co.; EPNG, El Paso Natural Gas Co.; P.M., Bureau of Indian Affairs, Branch of Plant Management; T.P., trading post.

Location	Date completed (month, year)	Reported depth of well (feet)	Diameter of casing (inches)	Land-surface altitude (feet above mean sea level)	Water-bearing strata	Static water level: Feet below land surface	Static water level: Date measured	Bail or pump-test data: Rate (gpm)	Bail or pump-test data: Drawdown (feet)	Bail or pump-test data: Duration of test (hours)	Use of water	Well log	Chemical analysis	Remarks
(A-11-14)13aca	.....	550	.....	7,555	Coconino Sandstone	403	6-14-66	.....	.....	.....	D	.....	.....	
14bab	1956	685	.....	7,500	..... do	435 R	8- -59	.....	.....	.....	D, Ind	.....	.....	Manganese Mine well.
22cbd	7-66	915	6	7,575	Coconino Sandstone and Supai(?) Formation.	680	8-9-66	17	54	3½	PS	.....	T4	Canyon Point well.
(A-11-15)19dda	.....	.....	.....	7,480	Coconino Sandstone	598	6-14-66	.....	.....	.....	D	.....	.....	
20bdc	.....	.....	.....	7,550	..... do	697	6-14-66	.....	.....	.....	D	.....	.....	
(A-12-10)1cab	1-64	743	.....	7,346	Supai(?) Formation	731 R	1-4-64	.....	.....	.....	N	.....	.....	Phelps-Dodge No. 20.
(A-12-12)16acb	12-64	963	5	7,425	Coconino Sandstone and Supai(?) Formation.	640	12-16-64	9	126	1	PS	.....	.....	Knoll Lake well; temperature 11°C.
(A-12-13½)1bbd	7-64	812	6	7,180	Coconino Sandstone	750 R	7-22-64	.....	.....	.....	D	T3	.....	Dye Ranch well.
(A-13-7)14bab	1963	800	6	6,955	Volcanic rocks, sand, and gravel.	752	9-22-66	.....	.....	.....	S	T3	T4	Mud Tanks well.
(A-13-10)6ada	8-64	627	.....	6,865	Coconino Sandstone	468	7-13-66	.....	.....	.....	.....	.....	.....	Fuller No. 2 well.
8dan	8-64	567	.....	6,865	..... do	347	7-13-66	305 R	31 R	72	N	.....	.....	Fuller No. 1 well.
25caa	10-63	726	.....	7,334	..... do	427 R	8-10-64	.....	.....	.....	N	T3	.....	Phelps-Dodge No. 14.
(A-13-13)1ddb	5-62	905	6	7,010	..... do	764	6-13-66	16.5	.....	4½	D	.....	T4	Chevelon Ranger Station well.
(A-14-10)4ac	.....	14	48	6,740	Alluvium	7.6	7-20-66	.....	.....	.....	S	.....	.....	Dug well.
30aca	1954	1,050	.....	6,900	Coconino Sandstone	867	7-13-66	.....	.....	.....	Ind(?)	.....	.....	
32db	.....	23	.....	6,850	Alluvium	15 R	1946	.....	.....	.....	N	.....	.....	Do.
32dbd	6-63	600	17	6,855	Coconino Sandstone	344	6-9-66	525 R	20 R	24 R	D	.....	.....	
(A-14-11)9adc	11-66	670	8	6,905	..... do	532	11-22-66	43	21	8	PS	T3	.....	Blue Ridge Maintenance Camp well; temperature 13°C.
9dca	9-58	665	8	6,885	..... do	495	11-22-66	48	20	1½	PS	T3	T4	Timber Ranger Station well.
12bcd	7-34	477	6	6,730	..... do	358	7-21-66	.....	.....	.....	D, S	T3	T4	Moqui Ranch well.
30ddd	10-65	1,000	5	7,323	..... do	841	10-21-65	11	5	16	PS	.....	T4	Rock Crossing well.
(A-14-12)8add	5-66	301	4	6,270	..... do	12	6-6-66	.....	.....	.....	N	.....	.....	Macks Crossing observation well.
(A-15-11)5bdc	.....	800	8	6,710	..... do	640	6-22-66	.....	.....	.....	D, S	.....	T4	Haylake Ranch well.
33adb	.....	550	10	6,740	..... do	430	9-20-66	.....	.....	.....	D	.....	.....	
34dcd	1964	600	6	6,825	..... do	461	9-20-66	.....	.....	.....	PS	.....	.....	
35dad	.....	40	6	6,725	Alluvium	Dry	9-20-66	.....	.....	.....	N	.....	.....	Fisher well.
(A-15-12)4ccc	11-47	778	8	6,410	Coconino Sandstone	628	12-2-66	.....	.....	.....	D, S	.....	T4	South Quail well.



Kehl Ridge 7.5'
FOREST
MILLER
Miller
Willow Spring
Hi Fuller Spring
Hi Fuller Canyon
Battleground Ridge
Crackerbox
East
General Springs Cabin
27'30"
3-12
743' Ps
ROAD
COCONINO CO
GILA CO
Immigrant Spring
Hi View Point
Washington Spring
Mail Creek
Pieper Hatchery Spring
Verde
AQUEDUCT
HIGHLINE
TRAIL
(PACK)
Washington Park
T. 13 N.
T. 12 N.
(DANE CANYON)
3752 I NW