

10/19/82

Memo

From

CARL ULVOG

Chief Geologist

To File: A-32-11N-7E

Rel. call from Tom Horton -

In Sec 4-10N-7E there is an irrigation well (700'-750' depth) producing from cavernous limestone, offset (est 1/4 mi away) by well that had brackish smelly water (unusable) at 560' in sandstone.

Other irrigation wells in Secs 29 and 33 in 11N-7E producing from same cavernous limestone (700'-750') but not penetrating all porosity. One well (abd) went to 770' and still in limestone but no cave. (Possible cave deeper?)

Last samples in Sage well @ 379'. Apparently no returns after that.

County, _____

Township _____ Range _____

Township _____ Range _____

Township _____ Range _____

Township _____ Range _____

Form 104—(Four on Township)

#1 Horton (Re-entry)

6	5	4	3	2	1	6	5	4	3	2	1
7	8	9	10	11	12	7	8	9	10	11	12
18	17	16	15	14	13	18	17	16	15	14	13
19	20	21	22	23	24	19	20	21	22	23	24
30	29	28	27	26	25	30	29	28	27	26	25
31	32	33	34	35	36	31	32	33	34	35	36
6	5	4	3	2	1	6	5	4	3	2	1
7	8	9	10	11	12	7	8	9	10	11	12
18	17	16	15	14	13	18	17	16	15	14	13
19	20	21	22	23	24	19	20	21	22	23	24
30	29	28	27	26	25	30	29	28	27	26	25
31	32	33	34	35	36	31	32	33	34	35	36