

30 015 355 44

SEP 05 2007
OCD-ARTESIA

Water Well Data
Average Depth to Groundwater (ft)
COG - Blue Thunder 5 Federal Com. #3, Eddy County, New Mexico

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

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

18 South			32 East		
6	5	4	65	3	2
7	460	8	9	10	11
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

19 South			30 East		
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36
115					

19 South			31 East		
6	5	4	3	2	1
7	SITE	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	101	34	35
		180			130

19 South			32 East		
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
102	345	28	27	26	25
30	29	28	27	26	25
31	32	33	34	35	36

20 South			30 East		
6	5	3.5	4	3	2
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36
170	191				

20 South			31 East		
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36
					80

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

88 New Mexico State Engineers Well Reports

105 USGS Well Reports

90 Geology and Groundwater Conditions in Southern Lea, County, NM (Report 6)
Geology and Groundwater Resources of Eddy County, NM (Report 3)

34 NMOCD - Groundwater Data

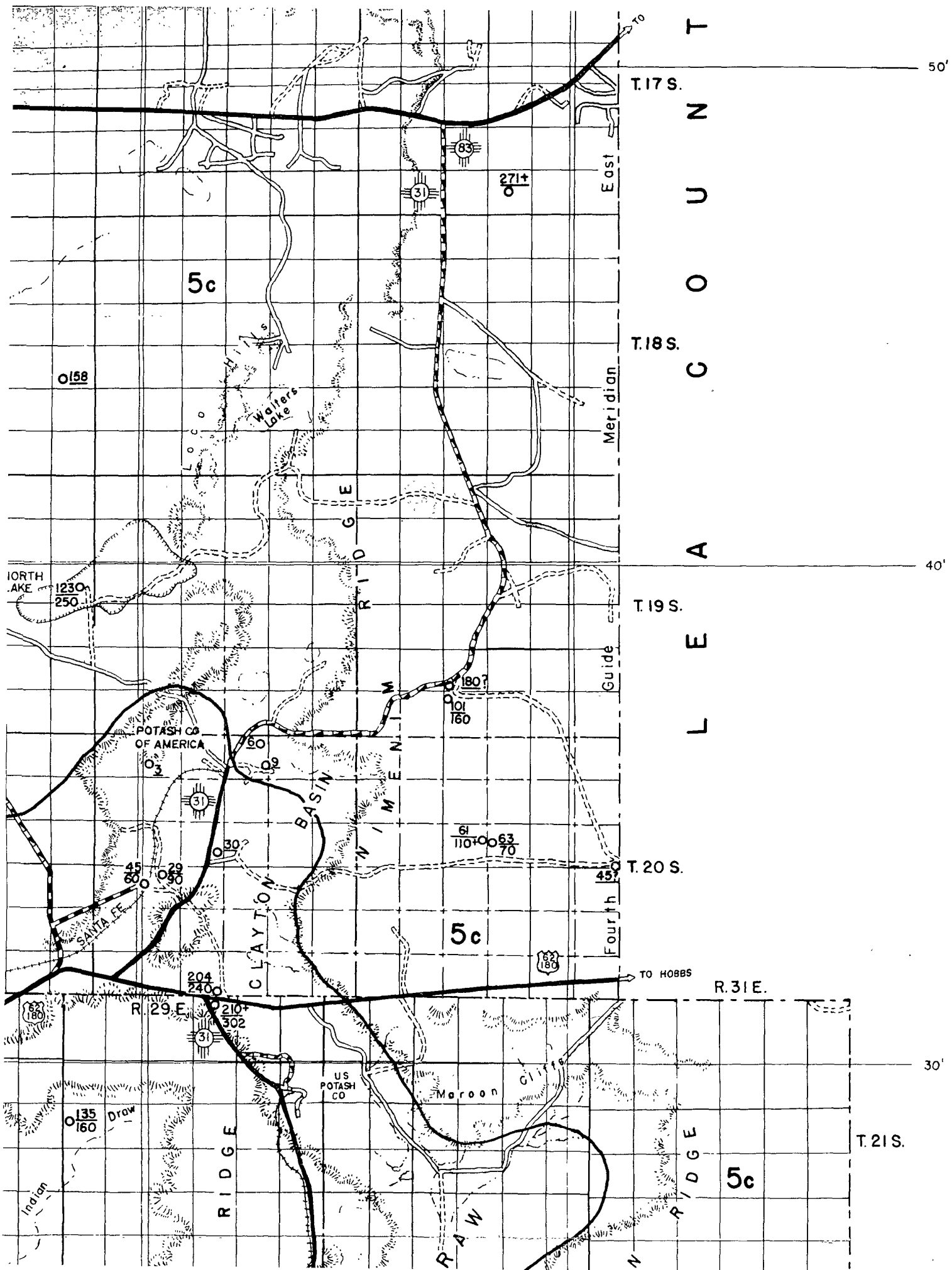


TABLE 1. RECORDS OF WELLS IN EDDY COUNTY, NEW MEXICO. (Continued)

LOCATION NUMBER	OWNER OR NAME	DATE COMPLETED	TOPOGRAPHIC SITUATION	ALTITUDE ABOVE SEA LEVEL (feet)	DEPTH OF WELL (feet)	DIAMETER OF WELL (inches)	PRINCIPAL WATER-BEARING BED	
							CHARACTER OF MATERIAL	GEOLOGIC UNIT
19.28.2.122	Herman Lindley	—	Base of Fade-Away ridge	3,460	160	6	Redbeds, gypsum	Rustler (?)
13.210	West well	—	Shallow draw	3,370	—	8 (?)	do.	do.
18.120	—	—	Small depression	3,502	—	7	Redbeds, gypsum, limestone (?)	Chalk Bluff (?)
33.210	—	—	Shallow draw	3,345	170	5	Redbeds, gypsum (?)	Rustler (?)
19.29.13.410	—	—	Large closed depression	3,310	250	6	Redbeds (?)	Rustler or Dockum
19.410a	North Lake well	—	do.	3,310	250+	6	do.	do.
20.220	Rattlesnake well	—	Small closed depression	3,305	—	6	Redbeds, gypsum, limestone	Rustler (?)
19.31.28.330	John Lusk	—	South slope	3,480	—	8	Redbeds	Dockum
33.110	do.	—	Small depression	3,450	160	5	do.	do.
33.110a	do.	—	do.	3,450	—	6	do.	do.
33.110b	do.	—	do.	3,450	—	6	do.	do.

See explanation at beginning of table.

LOCATION NUMBER	WATER LEVEL		YIELD (g.p.m.)	METHOD OF LIFT	USE OF WATER	REMARKS
	BELOW LAND SURFACE (feet)	DATE OF MEASUREMENT				
19.28.2.122	128.3	Dec. 13, 1948	1 E.	W & G	S	Depth to water measured while pumping. See analysis, Table 3.
13.210	154.5	Dec. 3, 1948	3	W	S	See analysis, Table 3.
18.120	82.8	Sept. 3, 1948	—	W	S	See analysis, Table 3.
33.210	123.1	Dec. 21, 1948	—	N	N	Abandoned stock well.
19.29.13.410	123.2	do.	—	N	N	West well of two. Abandoned stock well.
13.410a	123.2	do.	1 E.	W	S	East well of two. See analysis, Table 3.
20.220	62.9	Dec. 13, 1948	2 E.	W	S	Depth to water measured while pumping. See analysis, Table 3.
19.31.28.330	180	Nov. 29, 1948	—	W & G	D	See analysis, Table 3.
33.110	100.7	do.	—	N	N	Abandoned. North well of three.
33.110a	103.0	do.	—	G	S	Southwest well of three.
33.110b	—	—	3 E.	W	S	Southeast well of three. See analysis, Table 3.

See explanation at beginning of table.

New Mexico Office of the State Engineer
POD Reports and Downloads

Township: 19S Range: 31E Sections:

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) _____ (Last) _____ ☐ Non-Domestic ☐ Domestic
☒ All

POD / Surface Data Report

Avg Depth to Water Report

Water Column Report

Clear Form

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AVERAGE DEPTH OF WATER REPORT 03/15/2007

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet)		
								Min	Max	Avg
CP	19S	31E	36				1	130	130	130

Record Count: 1

New Mexico Office of the State Engineer
POD Reports and Downloads

Township: 19S Range: 32E Sections:

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) ☐ Non-Domestic ☐ Domestic
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AVERAGE DEPTH OF WATER REPORT 03/15/2007

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet)		
								Min	Max	Avg
CP	19S	32E	19				1	102	102	102
CP	19S	32E	20				1	345	345	345

Record Count: 2