

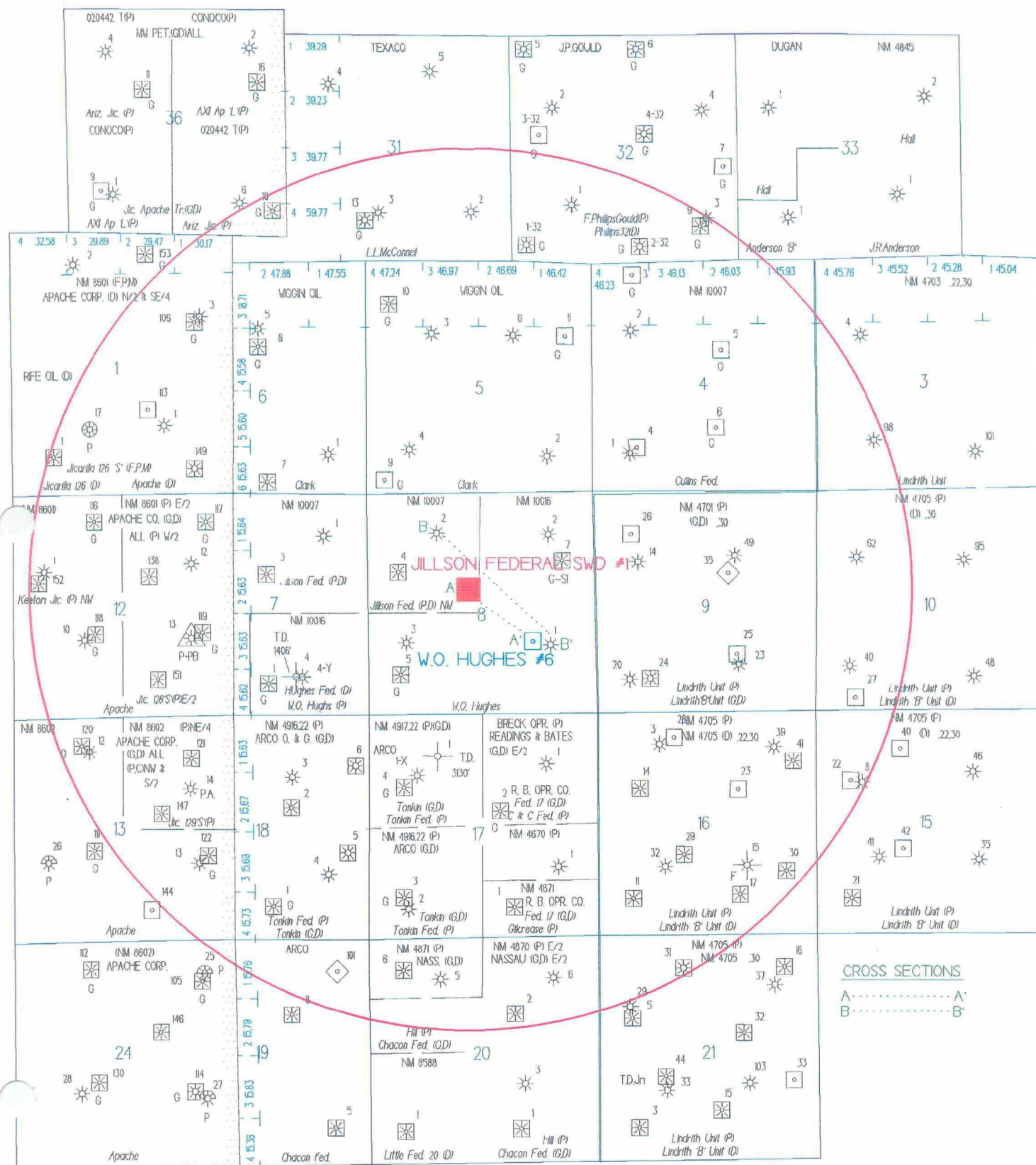
APPENDIX D

Figures 1 - 3

Appendix D
Figures 1 - 3

1. Figure One - Locator map for cross-sections.
2. Figure Two - Cross Section A to A'. (Table and log cross-section)
3. Figure Three - Cross Section B to B'. (Table and log cross-section)

JILLSON FEDERAL SWD #1
Section 8, T24N, R3W
Rio Arriba County, New Mexico



5

CROSS-SECTION A - A' : JILLSON FED. SWD #1 to W.O. HUGHES # 6*(See attached well log cross-section A-A' to accompany this table form section)*

A ----- ~ 2,400 ft.----- A'

JILLSON FED. SWD #1
senw Sec. 8, T.24N., R.3W.
5930' - 8800'

W.O. HUGHES # 6
nwse Sec. 8, T.24N., R.3W.
5760' - 8700'

GEOLOGICAL AGE	FORMATION	THICKNESS(FT.)	THICKNESS(FT.)
U. CRETACEOUS	Upper Mancos Sh.	644	762
U. CRETACEOUS	Gallup	531	546
U. CRETACEOUS	Juana Lopez	12	12
U. CRETACEOUS	Sanastee/Semilla	(Absent)	(Absent)
U. CRETACEOUS	Lower Mancos sh.	305	310
U. CRETACEOUS	Greenhorn Ls.	58	59
U. CRETACEOUS	Graneros	138	139
U. CRETACEOUS	Dakota	176	177
L. CRETACEOUS	Burro Canyon	118	106
U. JURASSIC	Morrison	618	590
U. JURASSIC	Bluff	59	67
U. JURASSIC	Summerville	13	32
U. JURASSIC	Todilto	14	27
M. JURASSIC	Entrada	268 (dead oil stain @ top)	242
U. TRIASSIC	Chinle	768 (regional)	768 (regional)

Lithologic changes per formation are negligible between wells A and A'.

The top of the Entrada is structurally 30 feet higher in the Jillson SWD than it is in the W.O. Hughes # 6 well.

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE

5

CROSS-SECTION B - B' : JILLSON # 2 to W.O. HUGHES # 1

(See attached well log cross-section B - B' to accompany this table form section)

B ----- ~ 3,600 ft.----- B'

JILLSON # 2
nenw Sec. 8, T.24N., R.3W.
279' - 3257'

W.O. HUGHES # 1
nwse Sec. 8, T.24N., R.3W.
287' - 3133'

GEOLOGICAL AGE	FORMATION	THICKNESS(FT.)	THICKNESS(FT.)
RECENT	Alluvium	10	10
TERTIARY	**San Jose	1260	1188
TERTIARY	**Nacimiento	1398	1358
TERTIARY	**Ojo Alamo	176	187
U. CRETACEOUS	Kirtland	107	91
U. CRETACEOUS	Fruitland	163	168
U. CRETACEOUS	Pictured Cliffs	122	100+

**Potential drinking water.

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE