

Attachment to C-105
Shell Oil Company-Grimes #9
Unit Letter M, Section 28, T-18-S, R-38-E
Lea County, New Mexico

Core #1 6902'-6953'

- 6902'-6905½' - Dolo. Ls. IFAD (Anhy plug) white-gry. dull gold s.f. w/scatt bright ylw s.f., fair-poor c.f., no cut. Int bleeding oil.
- 6905½'-6919' - Limy Dolo. I/III FA brn V. bright ylw s.f., v. gd. bluish-white c.f., lt. straw-amber cut bleeding oil from Ø + horizontal + vert. fract thru out interval.
- 6919'-6921' - Limy Dolo. IFAD (Anhy plug) gry-brn pale ylw s.f. w/scatt bright ylw s.f. poor c.f. no cut.
- 6921'-6926' - Limy Dolo IFA gry-brn bright ylw s.f. fair-gd. cut fluor. light straw-no cut. Bleeding oil from hairline fract. (22-23).
- 6926'-6928' - Limy Dolo. IFA gry. No s.f., fair c.f., no cut. Int bleeding oil.
- 6928'-6930' - Limy Dolo. I/III FA, brn. v. bright ylw s.f., v. gd. bluish-wh. c.f., amber cut bleeding oil from Ø thru out.
- 6930'-6934' - Limy Dolo IFAS (Anhy plug) gry 1/4"-1" Anhy nodes. @ 6930. Scatt pale ylw s.f. poor c.f. No cut.
- 6934'-6936' - Limy Dolo I/III FA brn., V. bright ylw s.f., gd. c.f., light straw-light amber c.f. bleeding oil continuously - Int. from Ø + hairline fract.
- 6936'-6940' - Limy Dolo I/III FA gry-brn dull ylw s.f., fair-poor c.f. No cut.
- 6940'-6947' - Dolo. I/III FA brn. 1/4"-1/2" Anhy nodes @ 6946 bright ylw s.f. v. gd. c.f., amber-light amber cut. Bleeding oil continuously & Int. from Ø + hairline fract.
- 6947'-6950' - Anhy Dolo. Ls. IFAD (Anhy plug) light gry-pale ylw s.f., poor c.f. No cut.
- 6950'-6953' - Dolo I/III FAB brn., bright ylw s.f., gd. c.f. light straw-light amber cut int. bleeding oil from vert hairline fract. (Black argillaceous shaley partings occur int thru out core).

Core #2 6953' - 7003'

- 6953'-6960' - Dolomite, I/III FAB, brn, v. bright yell. sample fluor., good blu-wh cut fluor., lt. stw-lt. amber. Good bleeding oil thruout interval from porosity and vertical hairline fractures.
- 6960'-6968' - Limestone, IFA, brn., bright yell-pale yell. sample fluor., good-fair cut fluor., lt. stw cut, intermittent bleeding oil thruout interval from Ø and fracs.
- 6968'-6972' - Limestone, IFAD (Anhy plugged), brn, pale yell. sample fluor., poor cut fluor., no cut, very scatt. bleeding oil from Ø.
- 6972'-6975' - V. limy Dolomite, IFAS (Anhy plugged), brn dull yell sample fluor, poor cut fluor, no cut.
- 6975'-6977' - Limy Dolomite, IFAD (Anhy plugged), gry-brn bright yell. Sample fluor., good cut fluor., lt. stw cut intermittent bleeding oil thruout interval.
- 6977'-6980' - Anhydritic limy Dol., (Anhy plugged), gry-brn scatt. bright yell. Sample fluor., fair-gd. cut fluor., no cut.
- 6980'-6982' - Anhydritic limestone, IFAD (Anhy plugged), gry. No sample fluor, poor cut fluor, no cut.

