

AMERICAN LIBERTY OIL COMPANY - State #1
NW/4 NE/4 Sec. 12 T16S R35E Lea County, New Mexico

DRILL STEM TESTS

- | | | |
|-----|-------------------|--|
| #1 | 5,243' - 63' | Open 1 hr. Rec. 20' water no blow
IHMP - 2240#, FHMP - 2240# |
| #2 | 10,336' - 352' | Packer failed |
| #3 | 10,437' - 458' | Open 2 hr. 30 min. 2010' water cushion
Rec. 40' oil & gas cut mud SIP -- 1025# (30 min.) |
| #4 | 10,511' - 560' | Open 2 hr. 40 min. 2000' water cushion
Rec. 30' slightly oil cut mud |
| #5 | 11,445' - 11,605' | Packer failed
IHMP - 6192#, FHMP - 6168# |
| #6 | 11,440' - 11,610' | Open 4 hr. 10 min. 3600' water cushion
Rec. 60' slightly oil cut mud weak blow for
17 min SIP - 1698# after 30 mi SI
IHMP - 6204#, IFP - 1626#, FFP - 1626#, FHMP - 6179# |
| #7 | 13,488' - 13,602' | Open 44 min. weak to fair blow reversed out water
cushion mud IHMP - 7055#, IFP - 1633#, FFP - 1682# |
| #8 | 13,601' - 652' | Open 22 min. Packer failed No Rec.
Very weak blow for 10 min.
IHMP - 7066#, IFP - 1500#, FFP - 1500#
FHMP - 7066# |
| #9 | 13,580' - 652' | Open 42 min. weak blow for 42 min.
packer failed after 42 min.
IHMP - 7039#, IFP - 1570#, FFP - 1603#,
FHMP - 7000# |
| #10 | 13,838' - 902' | Open 1 hr. good blow for 30 min.
Rec. 9200' sulfur water |

Core

- | | | |
|----|----------------|--|
| #1 | 13,594' - 609' | Rec: 11'4" fx to cx gry calc
dol w/intermittent reg. porosity avg 10-30%
vertical fracture & sulfur odor throughout
salt taste in bottom 2' No show |
|----|----------------|--|

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1. *Chlorophyll a* (Chl *a*) and *Chlorophyll b* (Chl *b*) were determined using the method of Arar and Collins (1997). The concentration of Chl *a* and Chl *b* was expressed as $\mu\text{g mL}^{-1}$ of the sample.

[illegible]