

YATES PETROLEUM CORPORATION

DRILL STEM TESTS

Shooting Star AEA State #1 - LC-5682
Unit J, 1650 FSL & 2310 FEL
Section 11-T18S-R35E
Lea County, NM

DST #1 5708-5766' (58') Delaware: TO 10"; SI 60"; TO 60"; SI 143".
Opened with weak blow, increased from 1" on bubble hose to 5". Re-
opened with weak blow, increased from 1" to 12" on bubble hose. RE-
COVERY: 967' drilling water. SAMPLER: 2500 cc water with 1000 psi.
BHT: 112°. PRESSURES:

	TOP	BOTTOM
IHP	2530	2541
IFP	51-183	54-176
ISIP	2325	2374
FFP	173-492	176-497
FSIP	2295	2296
FHP	2530	2541

DST #2 8498-8605' (107') Bone Springs Dolomite: TO 10"; SI 60"; TO
61"; SI 181". Opened with a weak blow. In bottom of bucket in 3 minutes
with 3 oz. Re-opened, had 13 oz in bottom of bucket in 3 minutes and in-
creased to 22 oz in 180 minutes. RECOVERY: 20' oil, 386' sulfur water.
SAMPLER: .67 cfg, 180 cc oil and 1600 cc water with 350 psi pressure.
BHT: 134°. PRESSURES:

	TOP	BOTTOM
IHP	3826	3810
IFP	109-137	105-124
ISIP	3061	3067
FFP	137-240	142-263
FSIP	3229	3225
FHP	3836	3819

DST #3 8060-8155' (95'): TO 15"; SI 60"; TO 60"; SI 180". Opened with
weak blow. Had 6" in bucket in 5 minutes and increased to 2# in 15 minutes.
Re-opened with strong blow, had 9# decreasing to 5#. Changed to 1/4" choke.
GTS in 20 minutes. Pressure decreased from 5# to 2# at end of flow. RECOVERY:
total 580' fluid (120' oil and 460' oil and gas cut mud). SAMPLER: 600 cc
oil, 1000 cc water, 400 cc mud and .005 cfg with 50# pressure. BHT 185°.

PRESSURES:

	TOP	BOTTOM
IHP	3707	3697
IFP	83-140	82-137
ISIP	3130	3130
FFP	180-230	178-224
FSIP	3005	2977
FHP	3679	3669