

VOLUMETRIC ORIGINAL OIL IN PLACE
West Lovington Strawn Pool
Lea County, New Mexico

TRACT	HCPV (AC-FT)	% OF POOL (DECIMAL)	OOIP (MB)
WLSU	3,140.1612	0.845265	10,924.211
12	38.3365	0.010319	133.368
13	35.0119	0.009424	121.802
14	118.5417	0.031909	412.391
15	188.2538	0.050674	654.911
16	5.3724	0.001446	18.690
17	43.1155	0.011606	149.993
18	0.2815	0.000076	0.979
19	7.1609	0.001928	24.912
20	1.5267	0.000411	5.311
21	67.9459	0.018290	236.375
22	1.7101	0.000460	5.949
23	0.0276	0.000007	0.096
24	6.6159	0.001781	23.016
25	2.5411	0.000684	8.840
26	3.1858	0.000858	11.083
27	0.1183	0.000032	0.412
28	36.7781	0.009900	127.946
29	17.4540	0.004698	60.720
30	0.8610	0.000232	2.995
TOTALS:			
TR #12 TO #30	574.8388	0.154735	1,999.789
TR #1 TO #30	3,715.0000	1.000000	12,924.000
OOIP (MB)	12,924.000		

Hydrocarbon pore volumes planimetered from Hanley Petroleum, Inc.
prepared Hydrocarbon Pore Volume map

$$\text{OOIP} = 7758 * \text{HCPV} * 1/2.23$$

BEFORE THE
OIL CONSERVATION DIVISION
Santa Fe, New Mexico

Case No. 11724 Exhibit No. 18

Williamson Petroleum Consultants, Inc.
1010 Lamar, Suite 1000
Houston, Texas 77002
John D. Savage, P.E. / amp

Submitted by: Hanley Petroleum Inc.
and Yates Petroleum Corporation

Project 6.8438
WLSUHPV1.XLS
5/13/97

Hearing Date: May 15, 1997