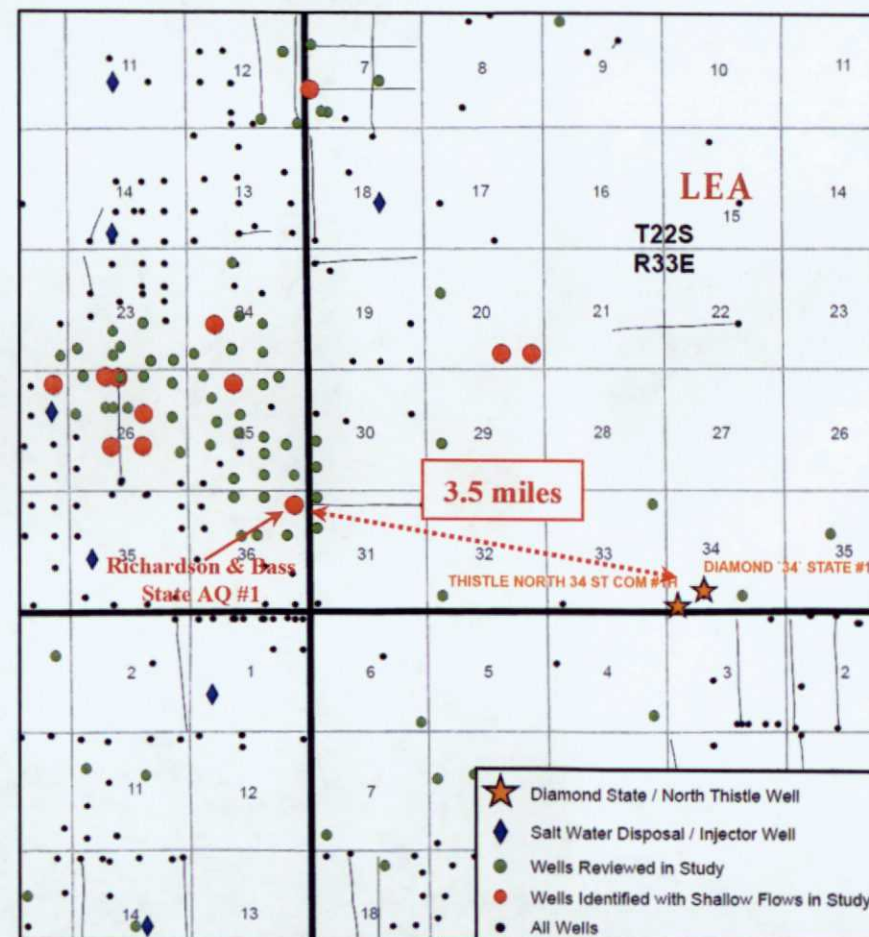


Natural Pressurized Fluid in Salt Section

- Shallow overpressure zones within Salt/Anhydrite section can have limited lateral extents.
- Example from the Richardson & Bass State AQ #1 – overpressure encountered in only 1 of many neighboring wells in the Salt/Anhydrite section.

NEW MEXICO OIL CONSERVATION COMMISSION				FORM C-103 (Rev 3-55)	
MISCELLANEOUS REPORTS ON WELLS					
(Submit to appropriate District Office as per Commission Rule 1106)					
Name of Company Tidewater Oil Company		Address 1902 AUG 6 AM 7:02 Box 547, Hobbs, N.M. 78201			
Lease Richardson & Bass State AQ #1	Well No. 1	Unit Letter A	Section 36	Township 22-S	Range 32-E
Date Work Performed 7-29-60	Pool Wildcat		County Lea		
THIS IS A REPORT OF: (Check appropriate block)					
<input type="checkbox"/> Beginning Drilling Operations		<input checked="" type="checkbox"/> Casing Test and Cement Job		<input type="checkbox"/> Other (Explain):	
<input type="checkbox"/> Plugging		<input type="checkbox"/> Remedial Work			
Detailed account of work done, nature and quantity of materials used, and results obtained.					
<p>Drilled to 4961'. Set 5-1/2" 115 J-55 Casing at 4961'. Cemented with 40 sacks Inert w/ 1% gel. Temperature survey indicated top of cement at 4475' outside 5-1/2". TOC 24 hours. Top of plug at 4925'. Tested casing with 1200' for 30 minutes with no drop in pressure.</p> <p>NOTE: Sulphur water flow encountered at 3730' while drilling with fresh water. Killed flow with 12# mud system, then lost returns. Sulphur water flow returned. After casing set water flow shut in with no pressure.</p>					

FORMATION RECORD							
From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	425	425	Salt & shale				
425	1300	875	Potash & anhy.				
1300	3510	2210	Salt & anhy.				
3510	4120	610	Anhy.				
	4300	190	No returns				
	4320	20	Salt & anhy., red and green				
			Gooseneck				
4320	4375	55	Anhy.				
4375	4745	370	No returns				
4745	5068	323	Lime				



BEFORE THE OIL CONSERVATION
DIVISION
Santa Fe, New Mexico
Exhibit No. 34
Submitted by: OXY USA Inc.
Hearing Date: March 29, 2016