

WELL DATA SHEET

Well Name:	Carson Unit #14-18	Abandonment marker	
Legal Description:	660' FSL, 662.8' FWL Sec. 18, T25N-R11W San Juan County, N.M.	25 sk. plug at base of surface casing (100'-15')	
Well Type:	P & A	35 sk. plug at 320' (380'-201')	
Spud Date:	01/17/58	45 sk. plug at csg. stub (1400'-1247')	
Surface Casing Hole Size:	12-1/4"	Shot off 4-1/2" casing at 1400'	
Surface Casing Size:	8-5/8"		
Surface Casing Depth:	100.5'		
Cementing Record:	100 sx.		
Production Casing Hole Size:	7-7/8"		
Production Casing Size:	4-1/2"		
Production Casing Depth:	5023'		
Cementing Record:	150 sx.	7-7/8" hole	
Perforations:	4877'-4904' 4911'-4923' 4951'-4957' 4962'-4976' 4980'-4997'		
Plug-Back Depth:	5020'	25 sk. plug over perforations (4941'-4626')	
Total Depth:	5025'		

Application for Gas Storage Well  
Hixon Development Company  
New Mexico Oil Conservation Division  
Case No. 9208 -- October 7, 1987  
Exhibit No. 4

## WELL DATA SHEET

Well Name:	Carson Unit #21-19
Legal Description:	660' FNL, 1980' FWL Sec. 19, T25N-R11W San Juan County, N.M.
Well Type:	Water Injection Well
Spud Date:	06/22/57
Surface Casing Hole Size:	12 - 1/4 "
Surface Casing Size:	8 - 5/8 "
Surface Casing Depth:	213'
Cementing Record:	130 sx.
Production Casing Hole Size:	7 - 7/8 "
Production Casing Size:	4 - 1/2 "
Production Casing Depth:	5022'
Cementing Record:	150 sx.
Perforations:	4866'-4892' 4900'-4908' 4939'-4944' 4951'-4962' 4969'-4978'
Plug-Back Depth:	5022'
Total Depth:	5026'

## WELL DATA SHEET

Well Name:	Carson Unit #24-18
Legal Description:	660' FSL, 1930' FWL Sec. 18, T25N-R11W San Juan County, N.M.
Well Type:	Water Injection Well (waiting on approval)
Spud Date:	04/28/59
Surface Casing Hole Size:	12 - 1/4 "
Surface Casing Size:	8 - 5/8 "
Surface Casing Depth:	106'
Cementing Record:	100 sx.
Production Casing Hole Size:	7 - 7/8 "
Production Casing Size:	4 - 1/2 "
Production Casing Depth:	5007'
Cementing Record:	150 sx.
Perforations:	4861'-4889' 4894'-4902' 4934'-4941' 4946'-4960' 4963'-4976'
Plug-Back Depth:	5007'
Total Depth:	5010'

## WELL DATA SHEET

Well Name:	Carson Unit #23-18
Legal Description:	1980' FSL, 1888' FWL Sec. 18, T25N-R11W San Juan County, N.M.
Well Type:	Water Injection Well
Spud Date:	02/16/58
Surface Casing Hole Size:	12 - 1/4"
Surface Casing Size:	8 - 5/8"
Surface Casing Depth:	102'
Cementing Record:	100 sx.
Production Casing Hole Size:	7 - 7/8"
Production Casing Size:	4 - 1/2"
Production Casing Depth:	5006'
Cementing Record:	150 sx.
Perforations:	4875'-4891' 4901'-4913' 4944'-4951' 4965'-4970' 4974'-4984'
Plug-Back Depth:	5006'
Total Depth:	5010'

WELL DATA SHEET

Well Name:	Carson Unit #32-18	10 sk. surface marker	
Legal Description:	1980' FNL, 1980' FEL Sec. 18, T25N-R11W San Juan County, N.M.	25 sk. plug at base of surface casing (195'-109')	
Well Type:	P & A	50 sk. plug at 450' (450'-276')	
Spud Date:	11/17/57	50 sk. plug at csg. stub (1297'-1123')	
Surface Casing Hole Size:	12-1/4"	Shot off 4-1/2" casing at 1297'	
Surface Casing Size:	8-5/8"		
Surface Casing Depth:	124'		
Cementing Record:	100 sx.		
Production Casing Hole Size:	7-7/8"	7-7/8" hole	
Production Casing Size:	4-1/2"		
Production Casing Depth:	5020'		
Cementing Record:	150 sx.		
Perforations:	4924'-4935' 4940'-4957' 4984'-4990' 4998'-5010'		
Plug-Back Depth:	5016'	20 sk. plug over and above perms (5016'-4757')	
Total Depth:	5030'		

WELL DATA SHEET

Well Name: Carson Unit #33-18

Legal Description: 1930' FSL, 1980' FEL  
Sec. 18, T25N-R11W  
San Juan County, N.M.

Well Type: Water Injection Well

Spud Date: 05/06/59

Surface Casing Hole Size: 12-1/4"  
Surface Casing Size: 8-5/8"  
Surface Casing Depth: 109'

Cementing Record: 100 sx.

Production Casing Hole Size: 7-7/8"  
Production Casing Size: 4-1/2"  
Production Casing Depth: 5045'

Cementing Record: 150 sx.

Perforations: 4899'-4919'  
4928'-4940'  
4969'-4975'  
4982'-4997'  
5001'-5018'

Plug-Back Depth: 5045'

Total Depth: 5050'

## WELL DATA SHEET

<p>Well Name: Carson Unit #31-19</p> <p>Legal Description: 660' FNL, 1973.5' FEL Sec. 19, T25N-R11W San Juan County, N.M.</p> <p>Well Type: P &amp; A</p> <p>Spud Date: 12/08/59</p> <p>Surface Casing Hole Size: 12-1/4" Surface Casing Size: 8-5/8" Surface Casing Depth: 105'</p> <p>Cementing Record: 100 sx.</p> <p>Production Casing Hole Size: 7-7/8" Production Casing Size: 4-1/2" Production Casing Depth: 5029'</p> <p>Cementing Record: 150 sx.</p> <p>Perforations: 4867'-4895' 4900'-4910' 4922'-4926' 4940'-4944' 4952'-4958' 4964'-4970' 4976'-4982'</p> <p>Plug-Back Depth: 5029'</p> <p>Total Depth: 5030'</p>	<p>10 sk. surface marker</p> <p>25 sk. plug at base of surface casing (130'-46')</p> <p>35 sk. plug at 420' (420'-298')</p> <p>50 sk. plug at csg. stub (1386'-1212')</p> <p>Shot off 4-1/2" casing at 1386'</p> <p>7-7/8" hole</p> <p>30 sk. plug above perforations (4919'-4531')</p>	
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WELL DATA SHEET

<p><b>Well Name:</b> Carson Unit #32-19</p> <p><b>Legal Description:</b> 1980' FNL, 1980' FEL Sec. 19, T25N-R11W San Juan County, N.M.</p> <p><b>Well Type:</b> P &amp; A</p> <p><b>Spud Date:</b> 03/03/58</p> <p><b>Surface Casing Hole Size:</b> 12-1/4"</p> <p><b>Surface Casing Size:</b> 8-5/8"</p> <p><b>Surface Casing Depth:</b> 108'</p> <p><b>Cementing Record:</b> 100 sx.</p> <p><b>Production Casing Hole Size:</b> 7-7/8"</p> <p><b>Production Casing Size:</b> 4-1/2"</p> <p><b>Production Casing Depth:</b> 5015'</p> <p><b>Cementing Record:</b> 150 sx.</p> <p><b>Perforations:</b> 4873'-4900' 4908'-4918' 4947'-4954' 4961'-4976' 4981'-4991'</p> <p><b>Plug-Back Depth:</b> 5015'</p> <p><b>Total Depth:</b> 5015'</p>	<p>10 sk. surface marker</p> <p>30 sk. plug at 410' (20 sx. thru perfs) (410'-306' in annulus)</p> <p>Shot holes in 4-1/2" casing at 410'</p> <p>50 sk. plug at 1395' (20 sx. thru perfs) (1395'-1291' in annulus)</p> <p>Shot holes in 4-1/2" casing at 1395'</p> <p>7-7/8" hole</p> <p>25 sk. plug across and above perfs (5015'-4692')</p>	<p>The diagram is a vertical cross-section of a wellbore. It shows a surface casing at the top, followed by a production casing. Two plugs are shown: a 30 sk. plug at 410' and a 50 sk. plug at 1395'. Shot holes are indicated in the 4-1/2" casing at 410' and 1395'. Perforations are shown in the production casing between 4873' and 4991'. A 25 sk. plug is shown across the wellbore at 5015', extending above the perforations. A 10 sk. surface marker is at the top. The wellbore is filled with cement in various sections, indicated by stippled patterns.</p>
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WELL DATA SHEET

Well Name:	Carson Unit #43-18	10 sk. surface marker	
Legal Description:	1980' FSL, 660' FEL Sec. 18, T25N-R11W San Juan County, N.M.	25 sk. plug at base of surface casing (180'-94')	
Well Type:	P & A	35 sk. plug at 475' (475'-353')	
Spud Date:	02/08/58	50 sk. plug at csg. stub (1218'-1044')	
Surface Casing Hole Size:	12-1/4"	Shot off 4-1/2" casing at 1218'	
Surface Casing Size:	8-5/8"		
Surface Casing Depth:	111'		
Cementing Record:	100 sx.		
Production Casing Hole Size:	7-7/8"	7-7/8" hole	
Production Casing Size:	4-1/2"		
Production Casing Depth:	5070'		
Cementing Record:	150 sx.		
Perforations:	4932'-4946' 4953'-4971' 4995'-5003' 5010'-5024' 5028'-5040'		
Plug-Back Depth:	5070'	20 sk. plug over and above perms (4971'-4712')	
Total Depth:	5071'		

## WELL DATA SHEET

Well Name:	Carson Unit #44-18
Legal Description:	660' FNL, 659' FWL Sec. 18, T25N-R11W San Juan County, N.M.
Well Type:	Oil Well
Spud Date:	02/16/60
Surface Casing Hole Size:	12-1/4"
Surface Casing Size:	8-5/8"
Surface Casing Depth:	99'
Cementing Record:	100 sx.
Production Casing Hole Size:	7-7/8"
Production Casing Size:	4-1/2"
Production Casing Depth:	5059'
Cementing Record:	150 sx.
Perforations:	4887'-4906' 4914'-4928' 4958'-4964' 4972'-4982' 4991'-4999'
Plug-Back Depth:	4938'
Total Depth:	5060'

## WELL DATA SHEET

Well Name:	Carson Unit #41-19
Legal Description:	660' FNL, 660' FEL Sec. 19, T25N-R11W San Juan County, N.M.
Well Type:	Oil Well
Spud Date:	02/24/58
Surface Casing Hole Size:	12 - 1/4"
Surface Casing Size:	8 - 5/8"
Surface Casing Depth:	107'
Cementing Record:	100 sx.
Production Casing Hole Size:	7 - 7/8"
Production Casing Size:	4 - 1/2"
Production Casing Depth:	4986'
Cementing Record:	150 sx.
Perforations:	4865'-4880' 4885'-4892' 4900'-4910' 4941'-4946' 4951'-4968' 4972'-4982'
Plug-Back Depth:	4985'
Total Depth:	4990'

WELL DATA SHEET

Well Name: Carson Unit #14-17

Legal Description: 660' FSL, 660' FWL  
Sec. 17, T25N-R11W  
San Juan County, N.M.

Well Type: P & A

Spud Date: 07/31/57

Surface Casing Hole Size: 12 - 1/4"  
Surface Casing Size: 8 - 5/8"  
Surface Casing Depth: 173'  
Cementing Record: 130 sx.

Production Casing Hole Size: 7 - 7/8"  
Production Casing Size: 4 - 1/2"  
Production Casing Depth: 5043'  
Cementing Record: 150 sx.

Perforations:  
4904'-4920'  
4929'-4934'  
4937'-4944'  
4989'-4998'  
5010'-5015'

Plug-Back Depth: 4895'  
Total Depth: 5054'

