

NEW MEXICO OIL CONSERVATION COMMISSION
DRAWER DD
ARTESIA, NEW MEXICO

FIELD REPORT FOR CEMENTING OF WELLS

Operator <i>Union Oil Co. of Calif</i>		Lease <i>State</i>		Well # <i>1-18</i>	
Location of Well	Unit <i>16505-19100</i>	Section <i>18</i>	Township <i>21</i>	Range <i>24</i>	County <i>Eddy</i>
Drilling Contractor	<i>Rewan & Co. Rig 31</i>		Type of Equipment <i>Rotary</i>		
APPROVED CASING PROGRAM 1-27-64					
Size of Hole	Size of Casing	Weight Per Foot	New or Used	Depth	Sacks Cement
<i>17 1/2</i>	<i>13 3/8</i>	<i>48#</i>	<i>New</i>	<i>300</i>	<i>400</i>
<i>12 1/4</i>	<i>9 5/8</i>	<i>40 + 36</i>	<i>new</i>	<i>3100</i>	<i>500 circ.</i>
<i>8 3/4</i>	<i>7</i>	<i>23 + 26</i>	<i>new</i>	<i>9650</i>	<i>800</i>
Casing Data:					
Surface <i>105</i> joints of <i>9 5/8</i> inch <i>36</i> # Grade <i>J-5 API new</i>					
<i>Jones & Laughlin</i> (Approved) (Rejected)					
Inspected by <i>Gussett</i> date <i>2-14-64</i>					
Cementing Program					
Size of hole <i>12 1/4</i> Size of Casing <i>9 5/8</i> Sacks cement required					
Type of Shoe used <i>reg. float</i> ^{Insert float} collar used ☒ Btm 3 jts welded ☒					
TD of hole <i>3205</i> Set <i>3205</i> Feet of <i>9 5/8</i> Inch <i>36</i> # Grade <i>J-5 API</i>					
New-used csg. @ <i>10</i> with <i>50</i> sacks neat cement around shoe					
+ <i>1200</i> sack additives <i>over</i>					
Plug down @ <i>7:55</i> (AM) (PM) Date <i>7-18-64</i>					
Cement circulated <i>No</i> No. of Sacks					
Cemented by <i>Halburton</i> Witnessed by <i>R.L. Plam</i>					
Temp. Survey ran @ <i>5</i> (AM) (PM) Date <i>2-19-64</i> top cement @ <i>550</i>					
Casing test @ <i>12 Noon</i> (AM) (PM) Date <i>2-20-64</i> <i>R.L.</i>					
Method Used <i>1957 pound pressure</i> Witnessed by <i>R.L. Plam</i>					
Checked for shut off @ <i>5:45</i> (AM) (PM) Date <i>2-20-64</i>					
Method used <i>dusting</i> Witnessed by <i>R.L. Plam</i>					
Remarks:					

Plugging 5-1-64

TD 9755 with Cast iron bridge plug set at 7465. 15 feet of cement on top of plug. Cut and pulled 5494 feet of 7 inch casing. Ran 35 sac plug in and out of 7 inch stub at 5494. Ran 50 sac plugs at 3200 and in and out of 9 5/8 csg at 3205. First plug down at 3:45 PM, plug in 9 5/8 down at 6:00 PM.

R.L. Plam

5 PM - 25813 9 PM 25891 78 miles

John Ashton, Great Lakes Carbon Co

Ralph Ladd John White Union Eng'rs

0.2900 cu ft of cement & additives calculated (filling)

971 cu ft

(estimated fluid level 271 ft)

3 water at 380 ft, 650-700 ft, 1400 ft, 2100 ft
1000 gal

4 has bits at 700, 1400, 2000, 2500

5 Filled pipe with water and followed with air for
30 minutes. started cement at 6:50, air circ at
7:08, cement colored water circ at 7:23
circulated on & off for 15 mins. Laid.

6 Plug down 7:55 PM no return, 750 lb pressure

7. Top BS sd 3125-3130

8 Cement used 4000X incor 4% gel 1 lb. Stabrite
8000X incor 4% gel 4 lb. for bent. loss
5000X mat

2-19-64

cement top at 550 feet set mud at 549

Filled hole with water, set 30 mins. Filled 140 feet
Cemented at 1045 with 1500X 4% gel 2% CaCl
12 1/2 lb. gilsonite persac + 1 bag cotton seed hulls
sprinkled with 3400 gel

Cement circ at 11:05 settled very slowly at 11:40

Cement at 40 feet