

ARTESIA, NEW MEXICO

FIELD REPORT FOR CEMENTING OF WELLS

Operator <u>H. H. Gail Co.</u>		Lease <u>S. Howardhoe Band 10 Cam</u>		Well # <u>1</u>	
Location of Well	Unit <u>957W 1980W</u>	Section <u>10</u>	Township <u>24</u>	Range <u>25</u>	County <u>Eddy</u>
Drilling Contractor <u>Parker Drilling Co. #161</u>			Type of Equipment <u>Foley's Unit 10-11-78</u>		
<u>x Witness</u> APPROVED CASING PROGRAM					
Size of Hole	Size of Casing	Weight Per Foot	New or Used	Depth	Sacks Cement
<u>17 1/2</u>	<u>13 3/8"</u>	<u>48</u>		<u>400</u>	<u>650 circ.</u>
<u>12 1/4</u>	<u>9 5/8"</u>	<u>36</u>		<u>2750</u>	<u>1960 "</u>
<u>8 1/2</u>	<u>4 1/2 - 5 1/2</u>	<u>13.5 - 17</u>		<u>12400</u>	<u>1060</u>
Casing Data:					
Inter. Surface joints of <u>9 5/8 inch</u> <u>40+36</u> # Grade _____					
(Approved) (Rejected)					
Inspected by _____ date _____					
Cementing Program					
Size of hole <u>12 1/4</u> Size of Casing <u>9 5/8</u> Sacks cement required _____					
Type of Shoe used <u>guide</u> Float collar used <u>none</u> Btm 3 jts welded <u>yes</u>					
TD of hole <u>2900'</u> Set <u>2900'</u> Feet of <u>9 5/8</u> Inch <u>40+36</u> # Grade _____					
New-used csg. @ <u>2900'</u> with <u>300</u> sacks neat cement around shoe					
+ <u>775</u> sax <u>Hallite</u> additives <u>5# gilsonite - 1/4# floris</u>					
Plug down @ <u>10' 15</u> (AM) (PM) Date <u>10/23/78</u>					
Cement circulated <u>No</u> No. of Sacks _____					
Cemented by <u>Halliburton</u> Witnessed by _____					
Temp. Survey ran @ <u>8:00</u> (AM) (PM) Date <u>10/24/78</u> top cement @ <u>1900'</u>					
Casing test @ _____ (AM) (PM) Date _____					
Method Used _____ Witnessed by <u>Mike Stubblefield</u>					
Checked for shut off @ _____ (AM) (PM) Date _____					
Method used _____ Witnessed by _____					
Remarks: + <u>300</u> sax <u>the set</u> <u>10# gilsonite - 1/4# floris</u> <u>290cc</u>					
Last log break at <u>1918'</u>					
Last circ @ <u>1272'</u>					

1. Run 61' 5" Tagged TOC @ 1918'
pumped 50sx class C 290cc
 2. Tagged TOC @ 1900'
pumped 50sx class C
 3. Tagged TOC @ 1880'
pumped 50sx class C
 4. Tagged TOC @ 1770'
 5. Tagged TOC @ 1650'
pumped 150sx class C
 6. Tagged TOC @ 1240'
pumped 100sx class C
 7. Tagged TOC @ 1276'
pumped 100sx class C
- Cementing completed 10/26/18 4:00 AM
T.T.O. Inc. - Tulsa, OK