

ARTESIA, NEW MEXICO

FIELD REPORT FOR CEMENTING OF WELLS

Operator <u>Vates Pet. Corp.</u>		Lease <u>Gissler AV</u>		Well # <u>19</u>	
Location of Well	Unit <u>L</u>	Section <u>23</u>	Township <u>17</u>	Range <u>25</u>	County <u>Eddy</u>
Drilling Contractor <u>L & M #2</u>		Type of Equipment <u>Rotary</u>			
* witness APPROVED CASING PROGRAM					
Size of Hole	Size of Casing	Weight Per Foot	New or Used	Depth	Sacks Cement
<u>14 1/2"</u>	<u>10 3/4 "</u>	<u>32 #</u>	<u>New</u>	<u>350'</u>	<u>Circ</u>
* <u>9 1/2"</u>	<u>7"</u>	<u>23 #</u>	<u>"</u>	<u>1150'</u>	<u>"</u>
<u>6 1/4"</u>	<u>4 1/2"</u>	<u>9.5 #</u>	<u>"</u>	<u>TD</u>	<u>"</u>
Casing Data:					
Surface _____ joints of _____ inch _____ # Grade _____ (Approved) (Rejected)					
Inspected by _____ date _____					
Cementing Program					
Size of hole <u>9 1/2"</u> Size of Casing <u>7"</u> Sacks cement required <u>750 sxs.</u>					
Type of Shoe used <u>Type M Notched</u> Float collar used <u>ms 1</u> Btm 3 jts welded <u>yes</u>					
TD of hole <u>1162'</u> Set <u>1164'</u> Feet of <u>7</u> Inch <u>23</u> # Grade <u>J-55</u>					
<u>New</u> -used csg. @ <u>1162'</u> with <u>175</u> sacks neat cement around shoe cl.c 2% CaCl ₂ + <u>275</u> sax <u>Halliburton lite additives</u> <u>10# Gils.</u> , <u>1/4# Flocc</u> , <u>3% CaCl₂</u>					
Plug down @ <u>4:15</u> (AM) (PM) Date <u>3/21/83</u>					
Cement circulated <u>No</u> No. of Sacks _____					
Cemented by <u>HALLIBURTON</u> Witnessed by <u>Darryl Brooks</u>					
Temp. Survey ran @ <u>10:15</u> (AM) (PM) Date <u>3/21/83</u> top cement @ <u>690'</u>					
Casing test @ _____ (AM) (PM) Date _____					
Method Used _____ Witnessed by _____					
Checked for shut off @ _____ (AM) (PM) Date _____					
Method used _____ Witnessed by _____					
Remarks: <u>LC @ 744' Ran 1" to 506' washed to 690'</u> <u>Tagged @ 690' pumped 200 sxs. cl.c 4% CaCl₂ had good returns</u> <u>Tagged @ 382' pumped 100 sxs. cl.c 4% CaCl₂ circ. 5 sxs to</u> <u>the pit.</u>					