

FIELD REPORT FOR CEMENTING OF WELLS

Operator <u>Yates Petr. Corp.</u>		Lease <u>Jackson Estate BY</u>		Well # <u>16</u>	
Location of Well	Unit <u>E</u>	Section <u>22</u>	Township <u>17</u>	Range <u>25</u>	County <u>Eddy</u>
Drilling Contractor <u>L + M</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>320</u>	<u>350 Circ.</u>
<u>9 1/2</u>	<u>7</u>	<u>23 #</u>		<u>1150</u>	<u>850 Circ.</u>
<u>6 1/4</u>	<u>4 1/2</u>	<u>9.5 #</u>		<u>1500 TD</u>	<u>125 Circ.</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</u> Float collar used <u>Ins.</u> Btm 3 jts welded <u>yes</u>					
TD of hole <u>1140</u> Set <u>1164</u> Feet of <u>7</u> Inch <u>20</u> # Grade <u>J.S.S</u>					
New-used csg. @ <u>1140</u> with <u>150</u> sacks neat cement around shoe C.I.C 2% CaCl ₂					
+ <u>400</u> sax PACESITE LITE additives 1/4" Colloidal 10" Gilsonite 3% CaCl ₂					
Plug down @ <u>2:45</u> (AM) (PM) Date <u>12/4/82</u>					
Cement circulated <u>NO</u> No. of Sacks _____					
Cemented by <u>WESTERN</u> Witnessed by <u>Laurel B. ...</u>					
Temp. Survey ran @ <u>8:45</u> (AM) (PM) Date <u>12/4/82</u> top cement @ <u>W. Ind 410, D. Top</u>					
Casing test @ _____ (AM) (PM) Date _____					
Method Used _____ Witnessed by _____					
Checked for shut off @ _____ (AM) (PM) Date _____					
Method used _____ Witnessed by _____					
Remarks: <u>TAGGED HARD AT 460'. PUMPED 150 SXS. @ 410 WOC 2 HRS.</u>					
<u>22nd TAGGED @ 400', pumped 150 SXS. C.I.C 3% CaCl₂ Circ</u>					
<u>15 SXS. to the pit.</u>					