FIELD REPORT FOR CEMENTING OF WELLS

.

## OIL CONSERVATION DIVISION

.

Operator       U.S.A. Juc.       Leaseduy IK.       Kata       Well # 1         Location       Unit       Section       Township       Range       County         of Well       G       2       20       29       County         of Well       G       2       20       29       County         of Well       G       2       20       29       County         prilling       Type of Equipment       Rate       Cally       X         Katasy       Y       Witness 20'13% APPROVED CASING PROGRAM       Socks Cew         Size of Hole       Size of Casing Weight Per New or Used Depth Socks Cew       Itele         14.24       11.34       42.54       32.44       3000       1500         Casing Data:       Sock       32.44       3000       1500       1500         Casing Data:       Size of Casing 20       Sacks comont required       742       500       1500         Size of hole       36' Size of Casing 20       Gate       Forda
Location       Unit       Section       Township       Range       County $QO$ $QQ$ $QQ$ $QQ$ $QQ$ $QQ$ $QQ$ Drilling       NYK       Type of Equipment       Ratay $\chi$ witness $20^{''}13^{''}8$ , APPROVED CASING PROGRAM       Size of Hole       Size of Casing       Weight Por       New or Used       Depth       Sacks Com $ 4 ^{2}/4 $ $ 1 ^{''}4$
of Well       G       2       20       29 $Cddy$ Drilling       Type of Equipment       Refary         Contractor       NYK       Type of Equipment $X$ Witness 20"13 <sup>3</sup> / <sub>8</sub> , APPROVED CASING PROGRAM         *       Size of liole       Size of Casing       Weight Per       New or Used       Depth       Sacks Cam $ 4^{3}/4 $ 11 <sup>3</sup> /4 $4^{2}$ $4^{2}$ $6^{50}$ 1000 $6^{6}$ $ 4^{3}/4 $ 11 <sup>3</sup> /4 $4^{2}$ $4^{2}$ $6^{50}$ 1000 $6^{6}$ $ 4^{3}/4 $ 11 <sup>3</sup> /4 $4^{2}$ $4^{2}$ $6^{50}$ 1000 $6^{6}$ $ 4^{3}/4 $ 11 <sup>3</sup> /4 $4^{2}$ $4^{2}$ $6^{50}$ 1000 $6^{6}$ $ 4^{3}/4 $ 11 <sup>3</sup> /4 $4^{2}$ $4^{2}$ $6^{50}$ 1000 $6^{6}$ $ 7^{6}/2 $ $5^{1/2}$ $15.5^{4}$ $10900$ $1500$ $6^{6}$ $ 7^{7}/2 $ $5^{7}/2 $ $15.5^{4}$ $10900$ $1500$ $6^{6}$ Surface       joints of       inch $4^{2}$ $6^{6}$ $6^{6}$ $6^{6}$ $6^{6}$
Contractor       NYK       Refary $\times$ Witness 20"13 <sup>3</sup> 8, <u>APPROVED CASING PROGRAM</u> Size of liole       Size of Casing       Weight Per       New or Used       Depth       Sacks Cem $ 43'4 $ $ 13'4 $ $42^{\#}$ $650$ $1000$ $accs$ $ 14''4 $ $ 13'4 $ $42^{\#}$ $650$ $1000$ $accs$ $ 14''4 $ $ 13'4 $ $42^{\#}$ $650$ $1000$ $accs$ $ 14''4 $ $ 13'4 $ $42^{\#}$ $650$ $1000$ $accs$ $ 14''4 $ $ 13''4 $ $42^{\#}$ $650$ $1000$ $accs$ $ 14''4 $ $ 13''4 $ $42^{\#}$ $3000$ $1500$ $accs$ $21''4''       15.5^{\#} 10900 1500 accs accs accs 21''4''       accs acccss accs accs $
Contractor       NYK       Refary $\times$ Witness 20"13 <sup>3</sup> 8, <u>APPROVED CASING PROGRAM</u> Size of liole       Size of Casing       Weight Per       New or Used       Depth       Sacks Cem $ 43'4 $ $ 13'4 $ $42^{\#}$ $650$ $1000$ $accs$ $ 14''4 $ $ 13'4 $ $42^{\#}$ $650$ $1000$ $accs$ $ 14''4 $ $ 13'4 $ $42^{\#}$ $650$ $1000$ $accs$ $ 14''4 $ $ 13'4 $ $42^{\#}$ $650$ $1000$ $accs$ $ 14''4 $ $ 13''4 $ $42^{\#}$ $650$ $1000$ $accs$ $ 14''4 $ $ 13''4 $ $42^{\#}$ $3000$ $1500$ $accs$ $21''4''       15.5^{\#} 10900 1500 accs accs accs 21''4''       accs acccss accs accs $
$ \frac{1}{2} \text{ Witness } 20^{''}13^{''}8_{+8} \frac{\text{APPROVED CASING PROGRAM}}{8^{''}8^{$
Size of Hole       Size of Casing       Weight Per New or Used       Depth       Sacks Cem $ 4^{3}/4$ $ 1^{3}/4$ $4^{2}$ # $650$ $1000$ $650$ $ 1 $ $\times$ 8.5/8 $3^{2}$ # $3000$ $1500$ $650$ $ 1 $ $\times$ 8.5/8 $3^{2}$ # $3000$ $1500$ $6500$ $ 1 $ $\times$ 8.5/8 $3^{2}$ # $3000$ $1500$ $6500$ $ 1 $ $\times$ 8.5/8 $3^{2}$ # $3000$ $1500$ $6500$ Casing Data:       Surface       joints of       inch       # Grade $9000$ $1500$ Casing Data:       Surface       joints of       inch       # Grade $9000$ $1500$ Casing Data:       Surface       joints of       inch       # Grade $9000$ $1500$ Casing Program       Size of Casing 20       Sacks cement required $9000$ $9000$ $9000$ $9000$ $9000$ Type of Shoe used goide       Float collar used No       Btm 3 jts welded yes $9000$ $9000$ $90000$ $900000$ $9000000000000000000000000000000000000$
Size of Hole       Size of Casing       Weight Per New or Used       Depth       Sacks Cem $ 4^{3}/4$ $ 1^{3}/4$ $4^{2}$ # $650$ $1000$ $650$ $ 1 $ $\times$ 8.5/8 $3^{2}$ # $3000$ $1500$ $650$ $ 1 $ $\times$ 8.5/8 $3^{2}$ # $3000$ $1500$ $6500$ $ 1 $ $\times$ 8.5/8 $3^{2}$ # $3000$ $1500$ $6500$ $ 1 $ $\times$ 8.5/8 $3^{2}$ # $3000$ $1500$ $6500$ Casing Data:       Surface       joints of       inch       # Grade $9000$ $1500$ Casing Data:       Surface       joints of       inch       # Grade $9000$ $1500$ Casing Data:       Surface       joints of       inch       # Grade $9000$ $1500$ Casing Program       Size of Casing 20       Sacks cement required $9000$ $9000$ $9000$ $9000$ $9000$ Type of Shoe used goide       Float collar used No       Btm 3 jts welded yes $9000$ $9000$ $90000$ $900000$ $9000000000000000000000000000000000000$
$ 43/4$ $ 13/4$ $42#$ $650$ $1000$ $(1)$ $ 1 $ $\times 85/8$ $32#$ $3000$ $1500$ $(200)$ $ 7/8$ $51/2$ $15.5#$ $10900$ $1500$ Casing Data: $51/2$ $15.5#$ $10900$ $1500$ Casing Data: $(Approved)$ $(Rejected)$ $10900$ $1500$ Inspected by $date$ $date$ Cementing Program $date$ $date$ Size of hole $\chi 6''$ $Size$ of Casing 20 $Sacks$ coment requiredType of Shoe used acideFloat collar used $wo$ Btm 3 jts welded $yes$ TD of hole $\chi 6''$ $Set$ $ycs$ Feed used csg. $\Psi 450'$ Feet of $\chi 0$ Inch $44$ $= sax$ $= additives$ $eff 1300$ $27.50$ Plug down $9.7.30$ $(AM)$ $TND$ $Date$ $= sax$ $= additives$ $eff 18.83$ Cement d by $Oeslern$ $Oeslerf 60$ Casing test @ $(AM)$ $(PM)$ $Date$ Casing test @ $(AM)$ $(PM)$ $Date$ $Method$ $Sed$ $Witnessed$ $W$ $Method$ $Sed$ $Witnessed$ $W$
I $\times$ 8.5/8 $32^{\#}$ $3000$ $1500$ Casing Data:Surfacejoints ofinch# Grade
$7 \frac{7}{8}$ $5 \frac{1}{2}$ $15.5 \frac{4}{5}$ $10900$ $1500$ Casing Data:Surfacejoints ofinch# Grade
Casing Data: Surfacejoints ofinch# Grade (Approved) (Rejected) Inspected bydate Cementing Program Size of hole <u>\6"</u> Size of Casing <u>\0</u> Sacks cement required Type of Shoe used <u>quide</u> Float collar used <u>we</u> Btm 3 jts welded <u>yes</u> TD of hole <u>\450'</u> Set <u>\450'</u> Feet of <u>\0</u> Inch <u>\44</u> # Grade <u>\\\440</u> Nethod used <u>csg</u> . @ <u>\450'</u> with <u>1300</u> <u>27.5</u> acks neat cement around shoe +saxadditives_ Plug down @ <u>?:30</u> (AM) (TM) Date <u>\49.18.89</u> Cement circulated <u>No</u> No. of Sacks <u>-0-</u> Cemented by <u>Western Co</u> , Witnessed by <u>Mike Slubblefield</u> Femp. Survey ran @ (AN) (PM) Datetop cement @ Casing test @(AM) (FM) Datetop cement @ Casing test @(AM) (PM) Datetop cement @ Checked for shut off @ (AM) (PM) DateWitnessed byMitnessed by
(Approved) (Rejected)         Inspected by       date         Cementing Program         Size of hole <u>\6"</u> Size of Casing <u>\0</u> Sacks coment required         Type of Shoe used <u>orde</u> Float collar used <u>No</u> Btm 3 jts welded <u>yes</u> TD of hole <u>\46"</u> Set <u>\450</u> Feet of <u>\00</u> Inch <u>\44</u> # Grade <u>\\\490</u> New-used csg. @ <u>\450</u> with <u>1300</u> 27.5 acks neat cement around shoe         +
(Approved) (Rejected)         Inspected by       date         Cementing Program         Size of hole <u>\6"</u> Size of Casing <u>\0</u> Sacks coment required         Type of Shoe used <u>orde</u> Float collar used <u>No</u> Btm 3 jts welded <u>yes</u> TD of hole <u>\46"</u> Set <u>\450</u> Feet of <u>\00</u> Inch <u>\44</u> # Grade <u>\\\490</u> New-used csg. @ <u>\450</u> with <u>1300</u> 27.5 acks neat cement around shoe         +
Inspected by       date         Cementing Program         Size of hole_ <u>\6"</u> Size of Casing <u>\2O</u> Sacks coment required         Type of Shoe used <u>oude</u> Float collar used <u>wo</u> Btm 3 jts welded <u>yes</u> TD of hole <u>\450'Set \450'</u> Feet of <u>\2O</u> Inch <u>44</u> <sup>#</sup> Grade <u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>
Cementing Program         Size of hole $\chi_6''$ Size of Casing $\chi_0$ Sacks coment required         Type of Shoe used uide Float collar used $N_0$ Btm 3 jts welded yes         TD of hole $\underline{450'}$ Set $\underline{450'}$ Feet of $\chi_0$ Inch $\underline{44}$ " Grade $\underline{\mu.40}$ New-used csg. @ $\underline{450'}$ with 1300 27.5 acks neat cement around shoe         +
Size of hole <u>\6"</u> Size of Casing <u>\circlelosecolores</u> Secks coment required Type of Shoe used <u>quide</u> Float collar used <u>\circlelosecolores</u> Btm 3 jts welded <u>yes</u> TD of hole <u>\u00e450'</u> Set <u>\u00e450'</u> Feet of <u>\circlelosecolores</u> Inch <u>\u00e444</u> Grade <u>\u00e446</u> TD of hole <u>\u00e450'</u> Set <u>\u00e450'</u> Feet of <u>\circlelosecolores</u> Inch <u>\u00e444</u> Grade <u>\u00e446</u> New used csg. <u>\u00e450'</u> with <u>\u00e4500 2755</u> acks neat coment around shoe <u>\u00e450'</u> saxadditives Plug down <u>\u00e47:30</u> (AM) (TM) Date <u>\u00e446888</u> Cement circulated <u>\u00e5600</u> No. of Sacks <u>-0-</u> Cemented by <u>Uestern (co.</u> Witnessed by <u>Mike Slubblefield</u> Femp. Survey ran <u>\u00e46666</u> (AM) (PM) Date top cement <u>\u00e466666666</u> Lethod Used <u>\u00e466666666666666666666666666666666666</u>
Type of Shoe used orde Float collar used No Btm 3 jts welded yes         TD of hole 450' Set 450' Feet of 20 Inch 44 # Grade 4.40         New used csg. (applied for shut off (applied for shut applied for shut applied for shut applied for shut appl
TD of hole 450' Set 450' Feet of 20 Inch 44       # Grade 14.40         New used csg. (450' with 1300 27.5 acks neat cement around shoe         +
ID of hole 450 Set 450 Feet of 20 Inch 44 # Grade 14.40         New used csg. 450 with 1300 27.5 acks neat coment around shoe         sax
New Server and Server an
#
Cement circulated       No.       Of Sacks       -O-         Cemented by       Western Co.       Witnessed by       Mike Stubblefield         Cement of by       Witnessed by       Mike Stubblefield         Cement @       (AM) (PM)       Date       top cement @         Casing test @       (AM) (FM)       Date       Witnessed by         Method Used       Witnessed by       Witnessed by         Checked for shut off @       (AM) (PM)       Date         Witnessed by       Witnessed by
Cemented by Western Co.       Witnessed by Mike Stubblefield         Femp. Survey ran @ (AM) (PM) Date       top cement @         Casing test @ (AM) (PM) Date       Witnessed by         Method Used       Witnessed by         Checked for shut off @ (AM) (PM) Date       Witnessed by         Witnessed by       Witnessed by
Cemented by Western Co.       Witnessed by Mike Stubblefield         Femp. Survey ran @ (AM) (PM) Date       top cement @         Casing test @ (AM) (PM) Date       Witnessed by         Method Used       Witnessed by         Checked for shut off @ (AM) (PM) Date       Witnessed by         Witnessed by       Witnessed by
Temp. Survey ran @ (AM) (PM) Date top cement @ Casing test @ (AM) (PM) Date Method Used Witnessed by Checked for shut off @ (AM) (PM) Date Method used Witnessed by
Casing test @(AM) (FM) Date Method UsedWitnessed by Checked for shut off @(AM) (PM) · Date Method usedWitnessed by
lethod usedWitnessed by
Checked for shut off @ (AM) (PM) Date Nethod usedWitnessed by
Witnessed by
lemarks: * Operator ready-mixed well to surface. 7 yds ready mix

4