FIELD REPORT FOR CEMENTING OF WELLS

.

OIL CONSERVATION DIVISION

٠

Operator Lease for the AN Well # 3 Location Unit Section Township Range County of Well A 20 24 Eday Drilling Type of Equipment Contractor NA Natary APPROVED CASING PROGRAM Size of Hole Size of Casing Weight Por New or Used Depth Socks Cement 14 24 -4 95% 3(4* J-55) 1100 1100 Circ. 8 34 7 23* * 26 # TD As Ubmanted Casing Data: J-55, N-80 Socks cement Socks cement Surface joints of $\frac{41/2"}{1 nch}$ i # Grade $\frac{3.47}{100}$ Socks cement required Type of Shoe used suide Float collar used incert Socks cement required Type of Shoe used suide Float collar used incert Baround shoe Socks float floa	[onometers]			1.		·····			· · · · · · · · · · · · · · · · · · ·	
Location Unit Section Township Range County of Weil A 1 20 24 Cddy Drilling Contractor NA Type of Equipment APPROVED CASING PROGRAM Size of Hole Size of Cosing Weight Per New or Used Depth Socks Cement 14.74 4 95% 36 J-55 1100 1100 Circ. 834 7 234 + 26 H TD As Ubranted Surface joints of 91% inch 7: # Grade 3-47 Casing Data: Surface joints of 91% inch 7: # Grade 3-47 Cementing Program Size of hole 14.74 Size of Casing 91% Socks coment required Type of Shoe used acids. Float collar used faces 1 for 3 jts welded yer TD of hole 0.66% Set 1000 The 27 of Socks coment required Type of Shoe used acids. Float collar used faces 1 for 3 jts welded yer TD of hole 0.66% Set 1000 The 3 of 376 Socks coment required Type of Shoe used acids. Float collar used faces 1 for 3 jts welded yer TD of hole 0.66% Set 1000 The 3 of 376% Inch 7: # Grade 3.67 New used csg. @ 1000 Circ. Bud down @ 10:00 Circ. Sate 100 (Ph) Date 4 16 32 Casing test @ (AN) (Ph) Date 100 Socks 180 re Casing test @ (AN) (Ph) Date 100 Socks 100 re Casing test @ (AN) (Ph) Date 100 Socks 100 re Casing test @ (AN) (Ph) Date 100 Socks 100 re Casing test @ (AN) (Ph) Date 100 Socks 100 re Checked for shut off @ (AN) (Ph) Date 100 Sock 100 Socks 100	Hates Petr: Corp.				Lease Foster AN				Well # 3	
Drilling Type of Equipment Contractor NA APPROVED CASING PROGRAM *	Location	Unit	Section		Townsl	nip	Range	County		
Contractor NA Rodary APPROVED CASING PROGRAM Size of Hole Size of Casing Weight Per New or Used Depth Sacks Cement Size of Hole Size of Casing Weight Per New or Used Depth Sacks Cement 1434 4 95/8 34^{\pm} J-55 1100 iloo Circ. 834 7 23^{\pm} 72^{\pm} TD As Warranted Casing Data: J-55, N-80 Iloo Circ. As Warranted Surface joints of $\frac{456^{**}}{1000}$ inch $\frac{16}{16}$ $\frac{9}{100}$ As Warranted Inspected by A.S. Cate $\frac{1}{9.15}$ Gate $\frac{9.15}{17}$ Cementing Program Size of hole $\underline{1026^{*}}$ Size of Casing $\frac{456^{**}}{92^{**}}$ facts cement required Trype of Shoe used $\underline{906^{**}}$ with λ_{00} 276_{15} fact of $\frac{976^{**}}{100 h 12^{*}}$ Gate $\frac{1.65}{100 h 12^{*}}$ Size of $\frac{1656^{**}}{100 h 12^{*}}$ Size of $\frac{9.068^{**}}{100 h 12^{*}}$ Size of $\frac{1660^{**}}{100 h 12^{*}}$ Size of $\frac{9.068^{**}}{100 h 12^{*}}$ Size of $9.068^$	of Well	A		··	.20		24	Edd	ly	
Contractor NA Rodary APPROVED CASING PROGRAM Size of Hole Size of Casing Weight Per New or Used Depth Sacks Cement Size of Hole Size of Casing Weight Per New or Used Depth Sacks Cement 1434 4 95/8 34^{\pm} J-55 1100 iloo Circ. 834 7 23^{\pm} 72^{\pm} TD As Warranted Casing Data: J-55, N-80 Iloo Circ. As Warranted Surface joints of $\frac{456^{**}}{1000}$ inch $\frac{16}{16}$ $\frac{9}{100}$ As Warranted Inspected by A.S. Cate $\frac{1}{9.15}$ Gate $\frac{9.15}{17}$ Cementing Program Size of hole $\underline{1026^{*}}$ Size of Casing $\frac{456^{**}}{92^{**}}$ facts cement required Trype of Shoe used $\underline{906^{**}}$ with λ_{00} 276_{15} fact of $\frac{976^{**}}{100 h 12^{*}}$ Gate $\frac{1.65}{100 h 12^{*}}$ Size of $\frac{1656^{**}}{100 h 12^{*}}$ Size of $\frac{9.068^{**}}{100 h 12^{*}}$ Size of $\frac{1660^{**}}{100 h 12^{*}}$ Size of $\frac{9.068^{**}}{100 h 12^{*}}$ Size of $9.068^$	Drilling	N.			Tune				0	
APPROVED CASING PROGRAM Size of Hole Size of Casing Weight Per New or Used Depth Sacks Cement IU 34 4 95/8 $36^{\#}$ J-55 1100 1100 Circ. 834 7 $23^{\#} + 26^{\#}$ TD As Ubmanted Casing Data: J-55, N-80 Income Incom	- Jpo or againment									
4 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 +	, Norary									
Foot Illoo Illoo Illoo Illoo Illoo Correctory 34 7 33 7 33 7 33 7 <td< td=""><td colspan="10">APPROVED CASING PROGRAM</td></td<>	APPROVED CASING PROGRAM									
8 34 7 $23 \pm + 26 \pm$ TD As Worranted Casing Data: J-55, N-80 TD As Worranted Surfacejoints of _4%"inch _?* _ # Grade TD As Worranted Casing Data: GapproveD (Rejected) Gate	Size of Hole	Size	of Casing			New	or Used	Depth	Sacks Cement	
834 7 $23 \pm *26 \pm$ TD As Warranted Casing Data: J-55, N-80 TD As Warranted Surfacejoints of $41/2"$ inch1. # Grade 5.47 Gate $4.15.72$ Inspected by A.1 Gate $4.15.72$ Cementing Program Gate $4.15.72$ Size of hole $10474"$ Size of Casing $41/2"$ Sacks coment required Type of Shoe used $4016c$ Float coliar used 106671 Btm 3 jts welded yec TD of hole $1065'$ Set $1065'$ Feet of $956"$ Inch $26 = 7$ Grade 3.57 New used esg. $0.1065'$ with 200.27665 sacks neat coment around shoe + 900 sax $Patester Hic$	14 3/4	* 9:	5/8	36# :	J-55			1100	1100 Circ	
J-55, N-80 Casing Data: Surfacejoints of $\frac{41/2"}{16.4}$ inch $\frac{14}{16}$ # Grade $\frac{3.47}{16.4}$ Inspected by A.S Cementing Program Size of hole $141/4"$ Size of Casing $43/2"$ Sacks cement required Type of Shoe used $30/4c$ Float collar used $16.6c1$ Btm 3 jts welded yec TD of hole $1068'$ Set $1068'$ Feet of $97/2"$ Inch 21 # Grade 3.67 NewJused csg. $@1068'$ with $200 270c1$ sacks neat cement around shoe 4.900 sax Paceetter life additives $\frac{41/6}{19.2} = 0.52c1$, 10.44 $\frac{10.601}{19.601}$, $\frac{12.5}{10.601}$	83/4	7		23# "	+26#	•		TD		
Casing Data: Surfacejoints of $\frac{41/2"}{2}$ inch $\frac{14}{2}$ Grade $\frac{5-57}{2}$ Inspected by A.5 Cementing Program Size of hole $\frac{141/4"}{2}$ Size of Casing $\frac{41/8''}{2}$ Sacks cement required Type of Shoe used $\frac{1}{2016}$ Float collar used $\frac{1}{1000}$ Btm 3 jts welded yer TD of hole $\frac{1000}{2}$ Set $\frac{1000}{2}$ Feet of $\frac{91/2"}{2}$ Inch $\frac{21}{2}$ Grade $\frac{5.57}{2}$ New-used csg. $@_{1000}$ with $\frac{1}{2000} \frac{270}{2000}$ Sacks neat cement around shoe $\frac{1}{900}$ sax Pace Refer life additives $\frac{41}{15} \frac{1000}{2000} - \frac{670}{2000} \frac{1}{2000} \frac{1}$										
Approval) (Rejected) Inspected by $A.S$ date $4.15.72$ Cementing Program Size of hole $143/4''$ Size of Casing $45/8''$ Sacks coment required Type of Shoe used $45/8''$ Float collar used $16567T$ Btm 3 jts welded yer TD of hole $1028'$ Set $1068'$ Float collar used $16567T$ Btm 3 jts welded yer TD of hole $1028'$ Set $1068'$ Float collar used $16567T$ Btm 3 jts welded yer New-used csg. @ 1068' with 200.2706 sacks neat cement around shoe $4 = 900$ sax $Pacepter tile additives \frac{476}{15} pap - 62acct + 10^{-4} g + 16074 g + 12074 g + $	Casing Data:	· · · · · · · · · · · · · · · · · · ·								
Approved (Rejected) Inspected by A.S date 4.15 42 Cementing Program Size of hole 143/4" Size of Casing 45/8" Sacks coment required Type of Shoe used guide Float collar used incert Btm 3 jts welded yer TD of hole 1068' Set 1068' Feet of 95/8" Inch 26 # Grade J.67 New-used csg. @ 1069' with 200 2706 sacks neat coment around shoe + 900 sax Pacepter life additives 45 pag - 620 ccl / 0.4 giftonil c 42 celored 27 ccl Plug down @ 10:00 (AD) (PM) Date 4-16.92 No. of Sacks 180 sx Cement circulated yes No. of Sacks 180 sx Cemented by (Detein Company Witnessed by Thike(Stobklefield Temp. Survey ran @ (AN) (PN) Date top cement @ Casing test @ (AN) (PN) Date Witnessed by Checked for shut off @ (AN) (PN) Date Witnessed by Checked for shut off @ (AN) (PN) Date Witnessed by Checked for shut off @ (AN) (PN) Date Witnessed by Method used Witnessed by Checked for shut off @ (AN) (PN) Date Witnessed by	Surface joints of 9%" inch 36 # Grade 350									
Inspected by A.G date 4.15.72 Cementing Program Size of hole [43/4"] Size of Casing 45/8" Sacks cement required Type of Shoe used [aite] 4.15.72 TD of hole [aigit] Set logg' Float collar used finter Btm 3 jts welded yer TD of hole [aigit] Set logg' Float collar used finter Btm 3 jts welded yer TD of hole [aigit] Set logg' Float collar used finter Btm 3 jts welded yer TD of hole [aigit] Set logg' Float collar used finter Btm 3 jts welded yer No float [aigit] Set logg' with 200 270cc Sacks neat cement around shoe + 900 sax Paresenter life additives '/is pop - 670ccl, 10.474 Jeresenter 275.00 Plug down [0:00] Gath Yes No. of Sacks 180 fr Sace Cement circulated Yes No. of Sacks 180 fr Sace Sace Sace Sace Cement dog Wetro (AM) (PM) Date top cement @ <										
Cementing Program Size of hole 143/4"										
Size of hole <u>143/4</u> " Size of Casing <u>45/8</u> " Sacks coment required Type of Shoe used <u>wide</u> Float collar used <u>insert</u> Btm 3 jts welded <u>yer</u> TD of hole <u>1068</u> ' Set <u>1068</u> ' Feet of <u>35/8</u> " Inch <u>36</u> # Grade <u>3.57</u> New-used csg. <u>9.1068</u> ' with <u>300 27067</u> sacks neat cement around shoe + <u>900</u> sax <u>Parescher life</u> additives <u>4715 pap</u> - 620 ccl, 10 # <u>9.1500116</u> , <u>172</u> seloced, 228 cc Plug down <u>9.10:00</u> (AD) (PM) Date <u>4-16-92</u> Cement circulated <u>Yes</u> No. of Sacks <u>180 sr</u> Cemented by <u>Wedern Company</u> Witnessed by <u>TNKCSTubblefield</u> Temp. Survey ran <u>9</u> (AM) (PM) Date top cement <u>w</u> Casing test <u>9</u> (AM) (PM) Date Wethod Used <u>Witnessed by</u> Checked for shut off <u>9</u> (AM) (PM) Date Witnessed by Checked for shut off <u>9</u> (AM) (PM) Date Witnessed by Checked for shut off <u>9</u> (AM) (PM) Date										
Type of Shoe used <u>vide</u> Float collar used <u>inscrif</u> Btm 3 jts welded <u>ver</u> TD of hole <u>logg'</u> Set <u>logg'</u> Feet of <u>3%</u> Inch <u>36</u> [#] Grade <u>J.57</u> New used csg. <u>Plots'</u> with <u>200 27066</u> sacks neat cement around shoe + <u>900</u> sax <u>Ploteoter lite</u> additives <u>(%15 pop - 670 scl. 10 ⁴g. 1600)16</u> <u>1/2 ⁴ celose 1/2 ⁵ ce</u> Plug down <u>010:00</u> (AM) (PM) Date <u>4-16.92</u> Cement circulated <u>Ves</u> No. of Sacks <u>180 sx</u> Cemented by <u>Octeton Company</u> Witnessed by <u>MiketStubblefield</u> Temp. Survey ran <u>0</u> (AM) (PM) Date top cement <u>0</u> Casing test <u>0</u> (AM) (PM) Date Wethod Used Witnessed by Checked for shut off <u>0</u> (AM) (PM) Date Wetnessed by Checked for shut off <u>0</u> (AM) (PM) Date Wetnessed by Checked for shut off <u>0</u> (AM) (PM) Date										
TD of hole <u>logg</u> Set <u>logg</u> Feet of <u>35%</u> Inch <u>36</u> $\#$ Grade J.55 New-used csg. <u>0068</u> with <u>200 27060</u> sacks neat cement around shoe + <u>900</u> sax <u>Paceseller like</u> additives <u>115 pap - 620 ccl</u> , <u>10 $\#$ g.lsonile</u> , <u>115 $\#$ celosed</u> , <u>276 cc</u> Plug down <u>010:00</u> (AM) (PM) Date <u>4-16.92</u> Cement circulated <u>yes</u> No. of Sacks <u>180 sr</u> Cemented by <u>Detern Company</u> Witnessed by <u>Mike(Stobblefield</u> Temp. Survey ran <u>0</u> (AM) (PM) Date top cement <u>0</u> Casing test <u>0</u> (AM) (PM) Date Witnessed by <u>Clecent off</u> (AM) (PM) Date Witnessed by <u>Mike(Stobblefield</u>) Rethod Used <u>Witnessed by</u> Checked for shut off <u>0</u> (AM) (PM) Date Witnessed by <u>Mike(Stobblefield</u>) Method used <u>Witnessed by</u> Luct dile break <u>0</u> 940'										
New-used csg. $@_{1066'}$ with $200 27_{066}$ sacks neat cement around shoe + 900 sax Pacesener life additives $(150 pop - 67 pcl, 10 + gr)/souther 1/2 + celose 1/22 + $	TD of hole logs' Set logs' Feet of 956" Inch 36 # Grade J.55									
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	New used csg. @ 1068' with 200 27000 sacks neat cement around shoe									
Cement circulated ves No. of Sacks 180 sx Cemented by Uetern Company Witnessed by Mike(Stubblefield Temp. Survey ran @ (AM) (PM) Date top cement @	+ 900 sax Pucescher lite additives 1/25 000 - 670 ccl, 10 # gilsonile 1/2 teeloseyl 2% ec									
Cemented by Wettern Company Witnessed by Mike(Stubblefield Temp. 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 Wethod used Witnessed by Method used Witnessed by Last due break Q 940'	(PM) Date 4-16.92									
Casing test @(AN) (PM) Date Nethod UsedWitnessed by Checked for shut off @(AN) (PM) Date Checked for shut off @(AN) (PM) (PM) (PM) (PM) (PM) (PM) (PM) (PM	No. of Sacks 180 sx									
Casing test @(AN) (PM) Date Nethod UsedWitnessed by Checked for shut off @(AN) (PM) Date Nethod usedWitnessed by Nemarks: Luct duk break Q 940'	Cemented by U	ectern Con	npany		Witne	ssed	by Mikerst	tubblefield		
Method Used Witnessed by Checked for shut off @ (AM) (PM) Date Method used Witnessed by Method used Witnessed by Iemarks:	Temp. Survey 1	an @	- (AM) (P	M) Dat	e		top_cem	ent @	·	
Checked for shut off @ (ANI) (PNI) Date Method usedWitnessed by Remarks:										
Checked for shut off @ (ANI) (PNI) Date Method usedWitnessed by Remarks:	Method Used				Witne	ssed	by			
lemarks:										
lemarks:	Method used	· · · · · · · · · · · · · · · · · · ·			Witne	ssed	by		· · · · · · · · · · · · · · · · · · ·	
Lust dils break = 940'										
Lust dils break = 940'										
Lust dils break a 940'										
Lust dile bours 33					<u></u>				- 0	
and the second	143/4" hole rotury	hours 3	3				Lust c	any preal	W 140	