RAILROAD COMMISSION OF TEXAS

Form W-12 (1-1-71)

6. RRC District

| 1. FIELD NAME (as per RRC Records or Wildcat) 2. LEASE NAME | 8. Well Number |
|--|---|
| 3. OPERATOR | 9. RRC Identification Number (Gas completions only) |
| 4. ADDRESS 5. LOCATION (Section, Block, and Survey) | 10. County |

| *11. Measured Depth (feet) | 12. Course Length (Hundreds of feet) | *13. Angle of Inclination (Degrees) c | 14. Displacement per Hundred Feet (Sine of Angle X100) | 15. Course Displacement (feet) | 16. Accumulative Displacement (feet) |
|-------------------------------|---|---|--|--|--|
| 1/5 | | 1/2 | | | |
| 180 | | 1/2 | | | |
| -395 | | 1/2 | | | |
| 758 | | -3/4 | | | |
| 1018 | | / | | | |
| 1486 | | 134 | | | |
| 1749 | | 21/2 | | | |
| 1887 | | 13/4 | | | |
| .2118 | | 1/4 | | | |
| 36:15 | | | | | |
| 2960 | | 13/4 | | | |
| | | 1/2 | | | |
| 3190 | | 11/2 | | | |
| 3520 | | 13/4 | | | |
| .3745 | | 13/4 | | | |
| 4148 | | NG GED | | | |
| If additional sp | pace is needed, use th | e reverse side of this | form. | | |
| 17. Is any informat | tion shown on the reve | rse side of this form? | 🚺 yes 🗖 | no | foot |
| 18. Accumulative | total displacement of v | vell bore at total depth | n of | feet = | Ieet. |
| | ante mana mada | in [7] Tubing | Casing | Open note | |
| 20. Distance from | surface location of we | 11 to the nearest lease | line | | feet. |
| | was to loopo lino on pr | escribed by field rule: | 5 | | ······································ |
| 22 Was the subject | ct well at any time inte | entionally deviated fro | m the vertical in any mai | mer whatsoever: | |
| (If the answer | to the above question | is "yes", attach writ | ten explanation of the cit | rcumstances.) | |
| INCLINATION DAT | A CERTIFICATION | | OPERATOR CERT | IFICATION | 1 Sec. 91.143, Texas Natural |
| I declare under | penalties prescribed in | Sec. 91.143, Texas Nat | urai Resources Code, 1 | that I am authorized to I | nake this certification. That I |
| Resources Code th | hat I am authorized to mailedge of the inclination of | ake this certification, th | at I have personal know | antod on both sides of th | presented in this report, and his form are true, correct, and |
| sides of this form at | nd that such data and fac my knowledge, This ce | ts are true, correct, and i | com- complete to the be | est of my knowledge. Int esented herein except in | clination data as indicated by |
| indicated by asteris | sks (*) by the item numb | ers on this form. | asterisks (*) by th | e item numbers on this fo | nn. |
| 01 | It has | | | | |
| Signature of Authori | ized Representative | | Signature of Author | rized Representative | |
| 11TL 5 | TARKEY DR. | Mino Supt. | Nome of Berron an | nd Title (type or print) | |
| Name of Person and | Title (type or print) | in de | Name or Person an | | |
| Name of Company | i Title (type or print) 13RCS. DOJI/IN | <u> </u> | Operator | | |
| Telephone 7650 | <u>5 3/5-23</u> | 3-5950 | Telephone:Area | Code | |
| Area (| Code | | Alea | | |

RECORD OF INCLINATION

Railroad Commission Use Only:

Approved By : ____

Title : __

Date : ___

* Designates items certified by company that conducted the inclination surveys.

*11. Measured Depth 12. Course Length *13. Angle of 34. Displacement per Lunared Feet (feet) (Hundreds of feet) 15. Course Inclination (Degrees) 15. Accumulative Displacement (feer 4218 4439 (bine of Angle X100) Displacement (fert) . C 2 14 2 1519 14 2% 1650 1126 3.15 1815 13/4 192.6 11/2 19:10 11/2 5061 114 3169 1 52.91 Z 3323 11/4 3100 14 5940 5529 14 5635 5113 13/4 5566 1/2. 5900 11/2 5957 13/4 3/4 6681 1/2 6173 6290 NC 6000 6313 11/2 6390 13/4 6180 6516 3/4 6113 6936 6961 1157 114 1220 Ľ 1331 ン 1415 ン 1303 14 1611 1/9 1814 2 1968 5000 3/4 5108

RECORD OF INCLINATION (Continued from reverse side)

If additional space is needed, attach separate sheet and check here. Z REMARKS:

- INSTRUCTIONS -

An inclination survey made by persons or concerns approved by the Commission shall be filed on a form prescribed by the Commission for each well drilled or deepened with rotary tools or when, as a result of any operation, the course of the well is changed. No inclination survey is required on wells that are drilled and completed as dry holes that are plugged and abandoned. (Inclination surveys are required on re-entry of abandoned wells.) Inclination surveys must be made in accordance with the

This report shall be filed in the District Office of the Commission for the district in which the well is drilled, by attaching one copy to each appropriate completion for the well. (except Plugging Report)

The Commission may require the submittal of the original charts, graphs, or discs, resulting from the surveys.

1 3/4

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| RAILROAD COMMISSION OF TEXAS | Form W-12 (1-1-71) |
|---|---|
| OIL AND GAS DIVISION | 6. RRC District |
| INCLINATION REPORT (One Copy Must Be Filed With Each Completion Report.) | 7. RRC Lease Number. (Oil completions only) |
| 1. FIELD NAME (as per RRC Records or Wildcat) 2. LEASE NAME PICAEER FED. Comm. #1 | 8. Well Number |
| 3. OPERATOR TTC | 9. RRC Identification Number (Gas completions only) |
| 4. ADDRESS | 10. County |
| 5. LOCATION (Section, Block, and Survey) | |

| (feet) | 12. Course Length (Hundreds of feet) | *13. Angle of Inclination (Degrees) | 14. Displacement per Hundred Feet (Sine of Angle X100) | 15. Course Displacement (feet) | 16. Accumulative Displacement (feet) |
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| 5737 | | 115 | | | |
| - 4104 | | | | | |
| 4365 | | 1 1/4 | | | |
| 4755 | | | | | |
| 10 140 | | | | | |
| 18 521 | | | | | |
| 10 949 | | 1 1/4 | | | |
| 11.319 | | | | | |
| 11.500 | | 1 | | | |
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| | pace is needed, use th tion shown on the reve | | | no foot - | feet. |
| 17. Is any informat 18. Accumulative | ion shown on the reve total displacement of v | rse side of this form? well bore at total dept | h of | feet = | feet. |
| 17. Is any informat 18. Accumulative t *19. Inclination me | tion shown on the reve total displacement of v asurements were made | rse side of this form? well bore at total dept in Tubing | h of Casing | feet = Open hole | fee |
| 17. Is any informal 18. Accumulative *19. Inclination me 20. Distance from | tion shown on the reve total displacement of v asurements were made surface location of we | rse side of this form? well bore at total deption inTubing ell to the nearest lease it ad the field role | yes | feet = Open hole | fee fee |
| 17. Is any information 18. Accumulative field *19. Inclination me 20. Distance from 21. Minimum distance | tion shown on the reve total displacement of v asurements were made surface location of we nce to lease line as pr | rse side of this form? well bore at total dept in Tubing ell to the nearest lease rescribed by field rule entionally deviated fro | yes h of Casing e line s m the vertical in any mag | feet = Open hole anner whatsoever? | fee |
| 17. Is any information 18. Accumulative field *19. Inclination me 20. Distance from 21. Minimum distance | tion shown on the reve total displacement of v asurements were made surface location of we nce to lease line as pr | rse side of this form? well bore at total dept in Tubing ell to the nearest lease rescribed by field rule entionally deviated fro | yes | feet = Open hole anner whatsoever? | fee |
| 17. Is any informal 18. Accumulative f *19. Inclination me 20. Distance from 21. Minimum dista 22. Was the subject (If the answer INCLINATION DAT I declare under Resources Code, the have personal know sides of this form a plate to the best of | tion shown on the reve total displacement of v asurements were made surface location of we nee to lease line as pro- to the above question CA CERTIFICATION penalties prescribed in ledge of the inclination of and Lam authorized to me ledge of the inclination of any knowledge. This ce | rse side of this form? well bore at total dept in Tubing ell to the nearest lease rescribed by field rule entionally deviated fro is "yes", attach writ Sec. 91.143, Texas Na ake this certification, t lata and facts placed on its are true, correct, and rulification covers all da | yes // | feet = Open hole anner whatsoever? pircumstances.) | fee fee fee n Sec. 91.143, Texas N. make this certification, is form are true, correct s certification covers al climation data as indicat |
| 17. Is any informal 18. Accumulative f 19. Inclination me 20. Distance from 21. Minimum dista 22. Was the subject (If the answer Inclination DAT I declare under Resources Code, the have personal know sides of this form al plete to the best of indicated by asteris | tion shown on the reve total displacement of v asurements were made surface location of we nee to lease line as pro- tot well at any time into to the above question FA CERTIFICATION penalties prescribed in ledge of the inclination of that I am authorized to m ledge of the inclination of that such data and fac my knowledge. This co tacks (*) by the item numb | rse side of this form? well bore at total dept in Tubing ell to the nearest lease rescribed by field rule entionally deviated fro is "yes", attach writ Sec. 91.143, Texas Na ake this certification, t lata and facts placed on the are true, correct, and ers on this form. | yes // | feet = Open hole anner whatsoever? tircumstances.) TIFICATION The penalties prescribed in that I am authorized to towledge of all information sented on both sides of th best of my knowledge. This presented herein except in the item numbers on this for corized Representative | fee fee fee n Sec. 91.143, Texas N. make this certification, is form are true, correct s certification covers al climation data as indicat |
| 17. Is any informal 18. Accumulative f 19. Inclination me 20. Distance from 21. Minimum dista 22. Was the subject (If the answer Inclination DAT I declare under Resources Code, the have personal know sides of this form an plete to the best of indicated by asterior Signature of Author | tion shown on the reve total displacement of v asurements were made surface location of we nee to lease line as pro- tot well at any time into to the above question FA CERTIFICATION penalties prescribed in ledge of the inclination of that I am authorized to m ledge of the inclination of that such data and fac my knowledge. This co taks (*) by the item numb Machine ized Representative THE (type of print) | rse side of this form? well bore at total depti- in Tubing ell to the nearest lease rescribed by field rule entionally deviated from is "yes", attach write Sec. 91.143, Texas Na ake this certification, t lata and facts placed on the area facts placed on the a | yes // | feet = Open hole anner whatsoever? tircumstances.) TIFICATION To penalties prescribed 1 that I am authorized to that I am authorized to the item numbers on this for the item numbers on this for | fee fee fee n Sec. 91.143, Texas N. make this certification, is form are true, correct s certification covers al climation data as indicat |
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RECORD OF INCLINATION 1

Railroad Commission Use Only:

Approved By : ____

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Title : _____ Date : ____

* Designates items certified by company that conducted the inclination surveys.

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