

RAILROAD COMMISSION OF TEXAS OIL AND GAS DIVISION

Form W-12
(1-1-71)

INCLINATION REPORT (One Copy Must Be Filled With Each Completion Report.)		6. RRC District
1. FIELD NAME (as per RRC Records or Wildcat) <div style="text-align: center;">LITTMAN</div>	2. LEASE NAME <div style="text-align: center;">Littman 8 Federal</div>	7. RRC Lease Number. (Oil completions only)
3. OPERATOR <div style="text-align: center;">D.K. BOYD OIL & GAS INC.</div>		8. Well Number <div style="text-align: center;">8-2</div>
4. ADDRESS <div style="text-align: center;">P.O. BOX 11351 Midland, Tx. 79702</div>		9. RRC Identification Number (Gas completions only)
5. LOCATION (Section, Block, and Survey) <div style="text-align: center;">8-215-38e 1980/S 4 1980/W</div>		10. County <div style="text-align: center;">LEA</div>

RECORD OF INCLINATION

*11. Measured Depth (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)
466'	466'	1/2			
806'	340'	3/4			
1113'	307'	1			
1639'	526'	1			
2131'	492'	1			
2630'	499'	2			
2786'	156'	3			
2878'	92'	2			
2908'	30'	3			
3032'	124'	2			
3187'	155'	1 1/4			
3382'	195'	1 3/4			
3529'	147'	1 3/4			
3775'	246'	1 1/2			
4025'	250'	3/4			
4500'	475'	1			

If additional space is needed, use the reverse side of this form.

17. Is any information shown on the reverse side of this form? ☐ yes ☒ no
18. Accumulative total displacement of well bore at total depth of _____ feet = _____ feet.
- *19. Inclination measurements were made in ~ ☐ Tubing ☐ Casing ☐ Open hole ☒ Drill Pipe
20. Distance from surface location of well to the nearest lease line _____ feet.
21. Minimum distance to lease line as prescribed by field rules _____ feet.
22. Was the subject well at any time intentionally deviated from the vertical in any manner whatsoever? NO
- (If the answer to the above question is "yes", attach written explanation of the circumstance.)

INCLINATION DATA CERTIFICATION	OPERATOR CERTIFICATION
<p>I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge. This certification covers all data as indicated by asterisks (*) by the item numbers on this form.</p> <p><i>Debra Wells</i> Signature of Authorized Representative <div style="text-align: center;">Debra Wells / Secretary</div> Name of Person and Title (type or print) <div style="text-align: center;">J.C. WELLS DRILLING CO LTD</div> Name of Company Telephone: <u>915-573-9656</u> Area Code _____</p>	<p>I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of all information presented in this report, and that all data presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all data and information presented herein except inclination data as indicated by asterisks (*) by the item numbers on this form.</p> <p>_____ Signature of Authorized Representative _____ Name of Person and Title (type or print) _____ Operator Telephone: _____ Area Code _____</p>

Railroad Commission Use Only:

Approved By: _____ Title: _____ Date: _____

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