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Form C-105  
Revised 1-1-65

# NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. <b>E-1732</b>

1a. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>	8. Farm or Lease Name <b>State WE "H"</b>

2. Name of Operator <b>Millard Deck</b>	9. Well No. <b>3</b>
3. Address of Operator <b>P. O. Box 1047, Eunice, New Mexico 88231</b>	10. Field and Pool, or Wildcat <b>Eunice</b>

4. Location of Well UNIT LETTER <b>K</b> LOCATED <b>2310</b> FEET FROM THE <b>West</b> LINE AND <b>2970</b> FEET FROM THE <b>North</b> LINE OF SEC. <b>2</b> TWP. <b>21N</b> RGE. <b>35E</b> NMPM	12. County <b>Laa</b>
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15. Date Spudded <b>4-2-73</b>	16. Date T.D. Reached <b>4-9-73</b>	17. Date Compl. (Ready to Prod.) <b>4-17-73</b>	18. Elevations (DF, RKB, RT, GR, etc.) <b>3595' GF</b>	19. Elev. Casinghead <b>3596' GF</b>
20. Total Depth <b>4030'</b>	21. Plug Back T.D. <b>4000'</b>	22. If Multiple Compl., How Many <b>--</b>	23. Intervals Drilled By <b>Rotary Tools</b>	Cable Tools <b>None</b>

24. Producing Interval(s), of this completion — Top, Bottom, Name <b>3910' -- 4000'</b>	25. Was Directional Survey Made <b>No</b>
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26. Type Electric and Other Logs Run <b>Gamma-Ray Neutron Log</b>	27. Was Well Cored <b>No</b>
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28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<b>8 5/8"</b>	<b>24</b>	<b>320'</b>	<b>12 1/4"</b>	<b>200 sacks</b>	<b>circulated 15 sacks</b>
<b>5 1/2"</b>	<b>15.5</b>	<b>4000'</b>	<b>7 7/8"</b>	<b>275 sacks</b>	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
<b>None</b>					<b>2 3/8"</b>	<b>3650'</b>	<b>None</b>

31. Perforation Record (Interval, size and number) <b>3910' -- 4000' with 19 3/8" jet shots.</b>	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL <b>3910' -- 4000'</b> AMOUNT AND KIND MATERIAL USED <b>acidized with 3000 lbs 15% regular acid, 80000 lbs sand &amp; 44,000 gallons gelled brine with 30,000 lbs of 20/40 sand.</b>
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33. PRODUCTION							
Date First Production <b>4-17-73</b>		Production Method (Flowing, gas lift, pumping — Size and type pump) <b>Pump 2" 3/4" 12"</b>				Well Status (Prod. or Shut-in) <b>Producing</b>	
Date of Test <b>4-18-73</b>	Hours Tested <b>24</b>	Choke Size <b>--</b>	Prod'n. For Test Period <b>--</b>	Oil — Bbl. <b>50</b>	Gas — MCF <b>34.0</b>	Water — Bbl. <b>12</b>	Gas — Oil Ratio <b>1600</b>
Flow Tubing Press. <b>--</b>	Casing Pressure <b>--</b>	Calculated 24-Hour Rate <b>--</b>	Oil — Bbl. <b>K</b>	Gas — MCF <b>64.0</b>	Water — Bbl. <b>12</b>	Oil Gravity — API (Corr.) <b>35.5</b>	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) <b>Sold</b>	Test Witnessed By <b>A. O. Smith</b>
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35. List of Attachments <b>Refractometer Survey (Gamma Ray Neutron Log will be mailed as soon as finished print available.)</b>
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36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED <b>Millard Deck</b>	TITLE <b>Owner-Operator</b>	DATE <b>May 3, 1973</b>
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Figure 1. The effect of the number of iterations on the accuracy of the proposed algorithm. The accuracy of the proposed algorithm increases with the number of iterations. The accuracy of the proposed algorithm is 100% when the number of iterations is 1000.

**INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE**

### Northwestern New Mexico

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1554'	1554'	caliche & red sand				
1554'	1678'	124'	anhydrite				
1678'	2580'	902'	salt & anhydrite				
2580'	3390'	810'	anhydrite & lime				
3390'	3910'	520'	lime & dolomite				
3910'	4028'	119'	sandy dolomite				