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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-8251</b>

1a. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>
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"/>

7. Unit Agreement Name --
8. Farm or Lease Name <b>TOBAC-McKAY STATE</b>

2. Name of Operator <b>PETROLEUM DEVELOPMENT CORPORATION</b>
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9. Well No. <b>1</b>
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3. Address of Operator <b>9720 B Candelaria NE, Albuquerque, New Mexico 87112</b>
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10. Field and Pool, or Wildcat <b>Tobac Pennsylvanian</b>
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4. Location of Well UNIT LETTER <b>J</b> LOCATED <b>2086</b> FEET FROM THE <b>south</b> LINE AND <b>2086</b> FEET FROM <b>east</b> THE LINE OF SEC. <b>28</b> TWP. <b>8S</b> RGE. <b>33E</b> NMPM
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12. County <b>Chaves</b>
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15. Date Spudded <b>12/28/78</b>	16. Date T.D. Reached <b>1/24/79</b>	17. Date Compl. (Ready to Prod.) <b>10/14/79</b>	18. Elevations (DF, RKB, RT, GR, etc.) <b>4375 GL</b>
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19. Elev. Casinghead
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20. Total Depth <b>9201</b>	21. Plug Back T.D. <b>9168</b>	22. If Multiple Compl., How Many --	23. Intervals Drilled By Rotary Tools <b>X</b> Cable Tools
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25. Was Directional Survey Made <b>No</b>
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24. Producing Interval(s), of this completion — Top, Bottom, Name <b>9136-9152 - Bough "C" (Penn)</b>
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27. Was Well Cored <b>No</b>
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26. Type Electric and Other Logs Run <b>CRC &amp;LD, DLL, GR-CCL</b>
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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
13-3/8	48#	416	17½	425"C", 2% CaCl
8-5/8	24#	3735	11	(1)140"C", 200"C" (2).400"C", 50"C"
5½	17# & 15.5#	9184	7-7/8	(1)150-50/50-Poz; 2%gel (2)350"H" Lite, 50"H"

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
4"	7502	9160	-	Std. 9040-9160	2-3/8	9089
						Packer Set None

31. Perforation Record (Interval, size and number) <b>9136-52 (2JSPF)</b>	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	<b>9136-52.</b>	<b>500 gal. 15% MCA</b>

33. PRODUCTION							
Date First Production <b>10/12/79</b>		Production Method (Flowing, gas lift, pumping — Size and type pump) <b>pump</b>				Well Status (Prod. or Shut-in) <b>SI</b>	
Date of Test <b>10/14/79</b>	Hours Tested <b>24</b>	Choke Size <b>-</b>	Prod'n. For Test Period →	Oil — Bbl. <b>11</b>	Gas — MCF <b>27</b>	Water — Bbl. <b>51</b>	Gas — Oil Ratio <b>2455</b>
Flow Tubing Press. <b>pump</b>	Casing Pressure <b>0</b>	Calculated 24-Hour Rate →	Oil — Bbl. <b>11</b>	Gas — MCF <b>27</b>	Water — Bbl. <b>51</b>	Oil Gravity — API (Corr.) <b>37° @ 60°</b>	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) <b>vented during test</b>	Test Witnessed By <b>P. Granath</b>
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35. List of Attachments <b>Drill Stem Test #1</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>J. C. Johnson</b>	TITLE <b>President</b>	DATE <b>6/2/80</b>

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

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

## Southeastern New Mexico

### Northwestern New Mexico

T. Anhy _____	1980	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____		T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____		T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	2380	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____		T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____		T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____		T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	3600	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	5026	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____		T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____		T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	6515	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____		T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	7380	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	8700	T. 3 Brothers 8865	T. Chinle _____	T. _____
T. Penn. _____		T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	9125	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

(505) 293-4044

ATTACHMENT TO FORM C105 -- 6/2/80

TOBAC-McKAY STATE #1  
CHAVES COUNTY, NEW MEXICO

## DRILL STEM TEST INFORMATION:

DST #1

1/23/79

9125-9151 :

15" 60" 75" 120"

GTS 14", 170MCFPD. Sampler recovery: 100 psi, 0.5 cfg, 300 cc oil, 300 cc WCM

HH 4954-4907

FP 140-140

2F 140-281

SIP 468-468

Recovery chlorides: 61,000, resistivity: 0.090 @ 74°F.

Tool top " 57,000, resistivity: 0.092 @ 74°F.

Pit sample " 90,000, " 0.077 @ 74°F.

Oil gravity 47.6° API.