

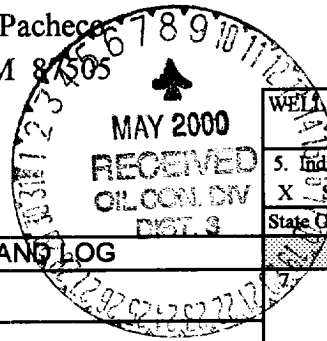
State of New Mexico
Energy, Minerals and Natural Resources

Form C-105
Revised March 25, 1999

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, NM 87505



WELL API NO.	30-045-30076
5. Indicate Type of Lease	X STATE FEE
State Oil & Gas Lease No.	B-11242-47, V-4832

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER		WF State 16
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"/>		
2. Name of Operator Richardson Operating Company #019219		8. Well No. #3
3. Address of Operator 1700 Lincoln Street, Suite 1700, Denver, CO 80203		9. Pool name or Wildcat Harper Hill FR Sand PC

4. Well Location			
Unit Letter	O	: 1280	Feet From The South Line and 1970 Feet From The East Line
Section	16	Township	30N Range 14W NMPM San Juan County

10. Date Spudded 1/10/00	11. Date T.D. Reached 1/13/00	12. Date Compl. (Ready to Prod.) 4/13/00	13. Elevations (DF & RKB, RT, GR, etc.) 5700' GR	14. Elev. Casinghead 5700'
15. Total Depth 1400'	16. Plug Back T.D. 1322.44' KB	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled by Rotary Tools X	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 1260' to 1270' Pictured Cliffs				20. Was Directional Survey Made yes
21. Type Electric and Other Logs Run Gamma Ray Neutron				22. Was Well Cored no

23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	20#	142'	8 - 3/4"	60 sx (71 cu.ft.)	surface
4 - 1/2"	10.5#	1371' KB	6 - 1/4"	75 sx (154.5 cu.ft.)	surface
				50 sx (59 cu.ft.)	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 - 3/8"	1253'	

26. Perforation record (interval, size and number) 1260' - 1270' 40 holes 0.41" 4 spf			27. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND OF MATERIAL USED 1260'-1270' 46,600 20/40 Brady Sand	
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28. PRODUCTION							
Date First Production 4/13/00		Production Method (Flowing, gas lift, pumping--Size and type of pump) swabbing			Well Status (Prod. or Shut-in) SI WOPL		
Date of Test 4/13/00	Hours Tested 12	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF 10	Water - Bbl. 45	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure 6	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF 20	Water - Bbl. 90	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
30. List Attachments	

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief			
Signature Cathleen Colby	Printed Name Cathleen Colby	Title Land Manager	Date 5/3/00

Southeastern New Mexico

T. Canyon _____
T. Atoka _____
Strawn _____
T. Atoka _____

T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____

T. Simpson _____
T. McKee _____

T. Ellenburger _____
T. Gr. _____
Wash _____
T. Delaware Sand _____
T. Bone Springs _____
T. _____
T. _____
T. _____
T. _____

Northwestern New Mexico

T. Ojo Alamo _____
T. Kirtland- _____
Fruitland _____
T. Pictured _____
Cliffs _____ 1260'
T. Cliff House _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____

T. Gallup _____
Base _____
Greenhorn _____
T. Dakota _____
T. Morrison _____

T. Todilto _____
T. Entrada _____
T. Wingate _____
T. Chinle _____
T. _____
Permian _____
T. Penn _____
"A" _____

NEW Mexico
T. Penn. "B" _____
T. Penn. "C" _____

T. Penn. "D" _____

T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____

T. Ignacio Otzte _____
T. Granite _____

T. _____
T. _____

T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

T. _____

No. 1, from to
No. 2, from to

No. 3, from to
No. 4, from to

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet
 No. 2, from to feet
 No. 3, from to feet

LITHOLOGY RECORD (Attach additional sheet if necessary)			
From	To	Thickness in Feet	Lithology