Submit to Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-105
Revised March 25, 1999

MAY 2000
RECEIVED
OIL CON. DIV.
DIST. 3

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: [ ] OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER

b. Type of Completion: NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER

7. WF State 16

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	11. Date T.D. Reached	12. Date Compl. (Ready to Prod.)	13. Elevations (DF & RKB, RT, GR, etc.)	14. Elev. Casinghead
1/10/00	1/13/00	4/13/00	5700' GR	5700'

15. Total Depth	16. Plug Back T.D.	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled by	Rotary Tools	Cable Tools
1400'	1322.44' KB			X	

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

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

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

28. **PRODUCTION**

Date First Production	Production Method (Flowing, gas lift, pumping--Size and type of pump)	Well Status (Prod. or Shut-in)
4/13/00	swabbing	SI WOPL

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl	Gas - Oil Ratio
4/13/00	12				10	45	

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
	6			20	90	

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

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Atoka	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	Strawn	T. Pictured Cliffs 1260'	T. Penn. "D"
T. Yates	T. Atoka	T. Cliff House	T. Leadville
T. 7 Rivers	T. Miss	T. Menefee	T. Madison
T. Queen	T. Devonian	T. Point Lookout	T. Elbert
T. Grayburg	T. Silurian	T. Mancos	T. McCracken
T. San Andres	T. Montoya	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. Simpson	Base Greenhorn	T. Granite
T. Paddock	T. McKee	T. Dakota	T.
T. Blinebry	T. Ellenburger	T. Morrison	T.
T. Tubb	T. Gr. Wash	T. Todilto	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. Abo	T. Bone Springs	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from ..... to ..... No. 3, from ..... to .....

No. 2, from ..... to ..... No. 4, from ..... to .....

IMPORTANT WATER SANDS

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	From	To	Thickness in Feet	Lithology