

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, NM 87505

8. Submit appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1025 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1009 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

WELL API NO. 30-045-30448					
5. Indicate Type of Lease STATE X FEE					
State Oil & Gas Lease No.					
7. ROPCO 10					
1. Type of Well: ☐ OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER					
b. Type of Completion: NEW WORK ☒ OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐					
2. Name of Operator Richardson Operating Company #019219					
8. Well No. #2					
3. Address of Operator 1700 Lincoln Street, Suite 1700, Denver, CO 80203					
9. Pool name or Wildcat Harper Hill Fruitland Sand/PC #78160					
4. Well Location Unit Letter K : 1772 Feet From The South Line and 1948 Feet From The West Line Section 10 Township 29N Range 14W NMPM San Juan County					
10. Date Spudded 01/05/2001		11. Date T.D. Reached 01/13/2001		12. Date Compl. (Ready to Prod.) 03/14/2001	
				13. Elevations (DF & RKB. RT. GR. etc.) 5378' GR	
				14. Elev. Casinghead 5378' GR	
15. Total Depth 1150' GL		16. Plug Back T.D. 1089' GL (1094' KB)		17. If Multiple Compl. How Many Zones?	
				18. Intervals Drilled by Rotary Tools Cable Tools X	
19. Producing Interval(s), of this completion - Top, Bottom, Name 880'-890' Pictured Cliffs					20. Was Directional Survey Made yes
21. Type Electric and Other Logs Run Compensated Neutron GR/CCL Log					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#	120'	12 3/4"	65 sx	surface
4 1/2"	10.5#	1123'	6 1/4"	130 sx	surface
24. LINER RECORD			25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE
					2 - 3/8"
					872'
26. Perforation record (interval, size and number) 880' - 890' 40 holes 0.42" 4 spf			27. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND OF MATERIAL USED 880" - 890' 45.820# 20/40 Brady		
28. PRODUCTION					
Date First Production		Production Method (Flowing, gas lift, pumping--Size and type of pump)			Well Status (Prod. or Shut-in)
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF
03/13/2001	24	1/2"			92
					Water - Bbl.
					110
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.
15 psi	215 psi			92	110
29. Disposition of Gas (Sold, used for fuel, vented, etc.) vented					Test Witnessed By John Durham
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 03/14/2001

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Atoka _____	T. Kirtland- _____	T. Penn. "C" _____
	Strawn _____	Fruitland _____	
B. Salt _____	T. Atoka _____	T. Pictured _____	T. Penn. "D" _____
		Cliffs _____ 876'	
T. Yates _____	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. _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
Grayburg _____			
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. _____	T. McKee _____	Base _____	T. Granite _____
Glorieta _____		Greenhorn _____	
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. _____	T. Morrison _____	T. _____
	Wash _____		
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. _____	T. _____
		Permian _____	
T. Cisco (Bough C) _____	T. _____	T. Penn _____	T. _____
		"A" _____	

IMPORTANT WATER SANDS

No. 1, from to feet

No. 2, from to feet

No. 3, from to feet

From	To	Thickness in Feet	Lithology

From	To	Thickness in Feet	Lithology