

Submit to Appropriate District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

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

DISTRICT I  
1625 N. French Dr., Hobbs, NM 87240  
DISTRICT II  
81 South Frist, Artesia, NM 88210  
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410  
DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

WELL API NO.	30-045-30783
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil / Gas Lease	
7. Lease Name or Unit Agreement Name	KEYS COM
8. Well No.	3
9. Pool Name or Wildcat	Otero Chacra

1a. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>						APR 2002									
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RES. <input type="checkbox"/> OTHER <input type="checkbox"/>															
2. Name of Operator Four Star Oil and Gas Co.						8. Well No. 3									
3. Address of Operator 3300 N. Butler Ave, Ste100 Farmington NM 87401						9. Pool Name or Wildcat Otero Chacra									
4. Well Location Unit Letter E : 1955 Feet From The NORTH Line and 880 Feet From The WEST Line Section 32 Township 29N Range 10W NMPM San Juan COUNTY															
10. Date Spudded 9/26/01		11. Date T.D. Reached 9/30/01		12. Date Compl. (Ready to Prod.) 4/4/02		13. Elevations (DF & RKB, RT, GR, etc.) 5702' GL		14. Elev. Csghead							
15. Total Depth 3150'		16. Plug Back T.D. 3061'		17. If Mult. Compl. How Many Zones?		18. Intervals Drilled By R		Rotary Tools R							
19. Producing Interval(s), of this completion - Top, Bottom, Name 2892'-3000' Otero Chacra						20. Was Directional Survey Made no									
21. Type Electric and Other Logs Run GR/CCL						22. Was Well Cored no									
23. CASING RECORD (Report all Strings set in well)															
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENT RECORD		AMOUNT PULLED					
8-5/8" K55		24#		362'		12-1/4"		250							
4-1/2" J55		12.6#		3150'		7-7/8"		790							
24. LINER RECORD						25. TUBING RECORD									
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		SIZE		DEPTH SET		PACKER SET	
										2-3/8"		3000'			
26. Perforation record (interval, size, and number) 4 SPF 0.32" 64 holes 2892'-3000'						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.									
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED							
						2892'-3000'		15,463 gl. N2 299MSCF/43 gl. J508							
								50,320# 16/30 Brady sand							
28. PRODUCTION															
Date First Production				Production Method (Flowing, gas lift, pumping - size and type pump)						Well Status (Prod. or Shut-in)					
Date of Test		Hours tested		Choke Size		Prod'n For Test Period		Oil - Bbl.		Gas - MCF		Water - Bbl.		Gas - Oil Ratio	
Flow Tubing Press.		Casing Pressure		Calculated 24-Hour Rate		Oil - Bbl.		Gas - MCF no flow		Water - Bbl.		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 on both sides of this form is true and complete to the best of my knowledge and belief.															
SIGNATURE <i>Arthur D. Archibeque</i>										TITLE Regulatory Specialist		DATE 4/4/02			
TYPE OR PRINT NAME Arthur D. Archibeque										Telephone No.		325-4397			

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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 verticle depths shall be reported. For multiple completions, Items 25 through 29 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	T. Canyon	T. Ojo Alamo	726'	T. Penn "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	869'	T. Penn "C"
B. Salt	T. Atoka	T. Pictured Cliffs		T. Penn "D"
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. Grayburg	T. Montoya	T. Mancos		T. McCracken
T. San Andres	T. Simpson	T. Gallup		T. Ignacio Otzte
T. Glorieta	T. McKee	T. Base Greenhorn		T. Granite
T. Paddock	T. Ellenburger	T. Dakota		T.
T. Blinebry	T. Gr. Wash	T. Morrison		T.
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. 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 the 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
726'	869'	143'	Ojo Alamo				
869'	1431'	562'	Kirtland				
1431'	1701'	270'	Fruitland				
1701'	1981'	280'	Fruitland main coal				
1981'	2877'	896'	Lewis Shale				
2877'	2978'	101	Chacra A				
2978'			Chacra B				