

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

District Office

State of New Mexico  
Energy, Minerals and Natural Resources

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

Revised

WELL API NO. 30-045-30782

5. Indicate Type of Lease STATE ☒ FEE ☐

6. State Oil / Gas Lease

7. Lease Name or Unit Agreement Name  
KEYS COM

8. Well No. 2

9. Pool Name or Wildcat  
Otero Chacra

1a. Type of Well:  
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. Type of Completion:  
NEW WELL ☒ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RES. ☐

2. Name of Operator Four Star Oil and Gas Co. NM 87401

3. Address of Operator 3300 N. Butler Ave, Ste100 Farmington

4. Well Location Unit Letter L : 1760 Feet From The SOUTH Line and 905 Feet From The WEST Line  
Section 32 Township 29N Range 10W NMPM San Juan COUNTY

10. Date Spudded 10/2/01

11. Date T.D. Reached 10/6/01

12. Date Compl. (Ready to Prod.) 4/12/02

13. Elevations (DF & RKB, RT, GR, etc.) 5763' GR

14. Elev. Csghead

15. Total Depth 3200'

16. Plug Back T.D. 3117'

17. If Mult. Compl. How Many Zones? n/a

18. Intervals Drilled By R Rotary Tools

20. Was Directional Survey Made no

22. Was Well Cored no

19. Producing Interval(s), of this completion - Top, Bottom, Name  
2940'-3049' Otero Chacra

21. Type Electric and Other Logs Run  
GR/CCL

CASING RECORD (Report all Strings set in well)				CEMENT RECORD	AMOUNT PULLED
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE		
8-5/8"	24#	363'	12-3/4"	260	
4-1/2"	11.6#	3200'	7-7/8"	828	

LINER RECORD				25. TUBING RECORD	PACK
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET
				2-3/8"	3050'

26. Perforation record (interval, size, and number)  
2940'-3049' 4 SPF 0.32" 72 holes

ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC				AMOUNT AND KIND MATERIAL USED	
DEPTH INTERVAL					
2940'-3049'				1000 gl. 15% HCL acid foam, 12,229 gl. Water	
				N2 359.1 MSCF, J508 46gl. 50,180#	
				16/30 Brady Sand	

28. PRODUCTION

Date First Production

Production Method (Flowing, gas lift, pumping - size and type pump)

Date of Test

Hours tested

Choke Size

Prod'n For Test Period

Oil - Bbl.

Gas - MCF

Water - Bbl.

Gas - MCF no flow

Water - Bbl.

Oil Gravity - API -(C)

Flow Tubing Press.

Casing Pressure

Calculated 24-Hour Rate

Oil - Bbl.

Test Witnessed By

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

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 *Arthur D. Archibeque*  
TYPE OR PRINT NAME Arthur D. Archibeque

Regulatory Specialist

DATE

Telephone No.

# 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

T. Anhy	T. Canyon
T. Salt	T. Strawn
B. Salt	T. Atoka
T. Yates	T. Miss
T. 7 Rivers	T. Devonian
T. Queen	T. Silurian
T. Grayburg	T. Montoya
T. San Andres	T. Simpson
T. Glorieta	T. McKee
T. Paddock	T. Ellenburger
T. Blinebry	T. Gr. Wash
T. Tubb	T. Delaware Sand
T. Drinkard	T. Bone Springs
T. Abo	T.
T. Wolfcamp	T.
T. Penn	T.
T. Cisco (Bough C)	T.

### Northwestern New Mexico

T. Ojo Alamo	784'	T. Penn "B"
T. Kirtland-Fruitland	922'	T. Penn "C"
T. Pictured Cliffs	1943'	T. Penn "D"
T. Cliff House		T. Leadville
T. Menefee		T. Madison
T. Point Lookout		T. Elbert
T. Mancos		T. McCracken
T. Gallup		T. Ignacio Otzte
T. Base Greenhorn		T. Granite
T. Dakota		T.
T. Morrison		T.
T. Todilto		T.
T. Entrada		T.
T. Wingate		T.
T. Chinle		T.
T. Permian		T.
T. Penn "A"		T.

## OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, 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
784'	922'	138'	Ojo Alamo				
922'	1480'	558'	Kirtland				
1480'	1732'	252'	Fruitland				
1732'	1943'	211'	Fruitland main coal				
1943'	2032'	89'	Pictured Cliffs				
2032'	2925'	893'	Lewis Shale				
2925'	3025'	100'	Chacra A				
3025'			Chacra B				