

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

1220 South St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural ResourcesForm C-105  
Revised March 25, 1999OIL CONSERVATION DIVISION  
1220 South St. Francis Drive  
Santa Fe, NM 87505

WELL API NO.

30-025-36478

5. Indicate Type of Lease

☒ STATE☐ FEE

6. State Oil &amp; Gas Lease No.

7. Lease Name or Unit Agreement Name

State C Tract 12

8. Well No.

15

9. Pool name or Wildcat

Harc, San Andres, Northwest (96835)

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

☒ OIL WELL☐ GAS WELL☐ DRY☐ OTHER

b. Type of Completion:

☒ New Well☐ Workover☐ Deepen☐ Plug Back☐ Diff. Resvr.☐ Other

2. Name of Operator

Apache Corporation

3. Address of Operator

6120 South Yale, Suite 1500 Tulsa, Oklahoma 74136-4224 918-491-4957

4. Well Location

Unit Letter C : 1240 Feet From The North Line and 1400 Feet From The West Line  
Section 16 Township 21S Range 37E NMPM Lea County

10. Date Spudded

1/26/04

11. Date T.D. Reached

2/2/04

12. Date Compl. (Ready to Prod.)

2/25/04

13. Elevations (DF&amp;RKB, RT, GR, etc.)

3480 GR

14. Elev. Casinghead

15. Total Depth

4725

16. Plug Back T.D.

4677

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

Harc, San Andres, Northwest - 4092-4214

20. Was Directional Survey Made

NO

21. Type Electric and Other Logs Run

BC-SI, SD-DSN

22. Was Well Cored

NO

## CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	24#	426	12-1/4	350 sx / Circulated 25 sx	
5-1/2	17#	4725	7-7/8	1000 sx / Circulated 228 sx	

## 24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

## 25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	4118	

26. Perforation record (interval, size, and number)

Harc, San Andres, Northwest (96835)  
4092-4102, 4152-60, 4204-14 4" w/ 2 JSPF

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

4092-4214 Acidize w/ 3000 gal. HCl

## 28. PRODUCTION

Date First Production 2/25/04		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 1.5" Rod Insert				Well Status (Prod. or Shut-in) Producing	
Date of Test 3/7/04	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 6	Gas - MCF 220	Water - Bbl. 104	Gas - Oil Ratio 36667
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 35.2	

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

Sold

Test Witnessed By

Apache Corporation

30. List Attachments

Log, Deviation Report, C-104

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature

Kara Coday

Printed  
Name

Kara Coday

Title

Sr. Engineering Technician

Date 03/29/04

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division Office 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 vertical depths shall also 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		T. Penn. "B"	
T. Salt		T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt		T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates	2660	T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers	2886	T. Devonian		T. Menefee		T. Madison	
T. Queen	3438	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg	3772	T. Montoya		T. Mancos		T. McCracken	
T. San Andres	3982	T. Simpson		T. Gallup		T. Ignacio Otzte	
T. Glorieta		T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinberry		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. Rustler	1276	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