

State of New Mexico  
Energy, Minerals and Natural Resources

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

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

OIL CONSERVATION DIVISION  
1220 South St. Francis Drive  
Santa Fe, NM 87505

Form C-105

Revised March 25, 1999

WELL API NO.

30-025-06617

5. Indicate Type of Lease

☒ STATE☐ FEE

6. State Oil &amp; Gas Lease No.

B-85

## 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

7. Lease Name or Unit Agreement Name

State DA

2. Name of Operator

Apache Corporation

8. Well No.

5

3. Address of Operator

6120 South Yale, Suite 1500 Tulsa, Oklahoma 74136-4224

9. Pool name or Wildcat

Paddock &amp; Penrose Skelly; Grayburg

4. Well Location

Unit Letter I : 1980 Feet From The South Line and 330 Feet From The East Line  
Section 16 Township 21S Range 37E NMPM Lea County

10. Date Spudded

11. Date T.D. Reached

12. Date Compl. (Ready to Prod.)  
8/26/0413. Elevations (DF& RKB, RT, GR, etc.)  
3474 GR

14. Elev. Casinghead

15. Total Depth

8225

16. Plug Back T.D.

5647

17. If Multiple Compl. How  
Many Zones?

18. Intervals

Rotary Tools

Cable Tools

Drilled By

X

19. Producing Interval(s), of this completion - Top, Bottom, Name

Paddock (5353 - 5363') &amp; Penrose Skelly; Grayburg (3725 - 3775')

20. Was Directional Survey Made

NO

21. Type Electric and Other Logs Run

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
13-3/8	36#	258	17-1/2	200 sx (circ)	
8-5/8	24# / 32# / 36#	2820	12-1/4	1500 sx	
5-1/2	17#	8225	7-7/8	500 sx	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	5445	

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

Paddock -  
5353 - 5363' 2 JSPFGrayburg -  
3725 - 3775

\*Please see attachment\*

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

DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED
5353 - 5363	Acidize w/ 1,500 gal 15% HCL
	Frac w/ 26,922 gals gel & 32,000# 20/40 sand
5700'	CIBP w/ 35' cement

28. PRODUCTION

Date First Production 8/26/04	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 10/14/04	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 14	Gas - MCF 30
Flow Tubing Press.	Casing Pressure	Calculated 24- Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl. 222
					Gas - Oil Ratio 2143
					Oil Gravity - API - (Corr.) 37.5

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

Sold

Test Witnessed By

Apache Corporation

30. List Attachments

C-104s, C-103

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

Printed  
Name

Kara Coday

Title

Sr. Engineering Technician

Date 10/19/04

## 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	2638	T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers	2863	T. Devonian		T. Menefee		T. Madison	
T. Queen	3406	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg	3689	T. Montoya		T. Mancos		T. McCracken	
T. San Andres	3976	T. Simpson		T. Gallup		T. Ignacio Otzte	
T. Glorieta		T. McKee		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. Rustler	1238	T. Wingate		T.	
T. Wolfcamp		T.		T. Chinle		T.	
T. Penn		T.		T. Permain		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

**ATTACHMENT TO C-105  
STATE DA #5**

**26. Perforation Record.**

7838' - 7904' (4 JSPF) 4/52  
6909' - 7217' (21 shots) 11/62  
5783' - 5956' (15 shots) 11/62  
5356' - 5386' (6/75)  
3528' - 3562' (6/75)  
6046' - 6276' (8/96)  
3725' - 3775' (51 holes) 9/96

**27. Treatment Record.**

7838' - 7904' AT with 500 gals Western mud acid. 5/52  
Set CIBP at 7400' with 1 sack cement on top. 11/62  
6909' - 7217' AT with 11,000 gals acid. 11/62  
5783' - 5956' AT with 1000 gals acid  
5783' - 5956' FT with 20,000 gals crude oil and 30,000# sand.  
Set CIBP at 6770' with 1 sack cement on top. 1/65  
5783 - 5956 FT with 30,000 gals gelled FW and 37,500# 20/40 sand. 3/65  
Set aluminum BP at 5450' with 2 sacks sand on top. 6/75  
5356' - 5386' AT with 2000 gals 15% NE acid. 6/75  
~~Set CIBP at 5305' with 50' of cement on top. 6/75 DO WCO TO 5960' 8/04~~  
~~Set CIBP at 3700' with 2 sacks cement on top. 6/75 DO 8/04~~  
3528' - 3562' AT with 2625 gals of 15% NE acid.  
3528' - 3562' Squeezed perfs with 100 sx Premium. 8/96  
5356' - 5386' Squeezed perfs with 50 sacks Premium Plus followed with 25 sx Neat. 8/96  
5783' - 5956' Squeezed perfs with 150 sx Premium Plus followed by 100 sx Premium Plus.  
Spot 30 sx Micro-Matrix cement.  
6046' - 6276' AT perfs with 3000 gals 15% HCL  
Set CIBP at 6000' with 35' cement on top.  
~~Set CIBP at 5280' with 35' cement on top. DO 8/04~~  
3725' - 3775' AT with 2000 gals 15% HCL.  
3725' - 3775' FT with 34,500 gals Delta Frac 25 carrying 75,000# 16/30 sand. 9/96