

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 Resources

Form C-105

Revised March 25, 1999

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

WELL API NO.

30-025-36115

5. Indicate Type of Lease

☒ STATE ☐ FEE

6. State Oil & Gas Lease No.

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

8. Well No.

12

3. Address of Operator

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

9. Pool name or Wildcat

Penrose Skelly; Grayburg

4. Well Location

Unit Letter E : 1330 Feet From The North Line and 330 Feet From The West Line
Section 16 Township 21S Range 37E NMPM Lea County

10. Date Spudded

1/26/03

11. Date T.D. Reached

2/1/03

12. Date Compl. (Ready to Prod.)

2/11/03

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

3476'

14. Elev. Casinghead

GR

15. Total Depth

4125'

16. Plug Back T.D.

4077'

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

Grayburg 3934-3974'

20. Was Directional Survey Made

NO

21. Type Electric and Other Logs Run

CZD-CN-GR, DLL-GR

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#	408	12-1/4	325 sx / Circulated 76 sx	
5-1/2	17#	4125	7-7/8	750 sx / Circulated 51 sx	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	4011	

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

Grayburg - 3934 - 3974' 4" - 160 holes

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

3934 - 3974

Acidize w/ 2520 gals 15% HCL

Frac w/ 37999 gals gel & 80000# 16/30 sand

28. PRODUCTION

Date First Production

2/11/03

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

2/18/03

Hours Tested

24

Choke Size

Prod'n For

Test Period

Oil - Bbl.

106

Gas - MCF

406

Water - Bbl.

385

Gas - Oil Ratio

3830

Flow Tubing Press.

Casing Pressure

Calculated 24-

Hour Rate

Oil - Bbl.

Gas - MCF

Water - Bbl.

Oil Gravity - API - (Corr.)

39.2

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

Sold

Test Witnessed By

Apache Corporation

30. List Attachments

Logs, 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 02/25/03

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	2630	T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers	2884	T. Devonian		T. Menefee		T. Madison	
T. Queen	3433	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg	3700	T. Montoya		T. Mancos		T. McCracken	
T. San Andres	3990	T. Simpson		T. Gallup		T. Ignacio Otzte	
T. Glorieta		T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinbry		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	1260	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

From	To	Thickness in Feet	Lithology

(Provide additional sheet if necessary)
 ELF 3/5/03
 ABOVE DATE DOES NOT
 INDICATE WHEN
 CONFIDENTIAL LOGS
 WILL BE RELEASED

ELF

3/5/03

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