

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

30-025-35895

5. Indicate Type of Lease

☐ STATE☒ FEE

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Southland Royalty A

8. Well No.

14

9. Pool name or Wildcat

Penrose Skelly; Grayburg (50350)

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 S. Yale, Suite 1500 Tulsa, OK 74136

(918)-491-4957

4. Well Location

Unit Letter N/V 330 Feet From The South Line and 2050 Feet From The West Line
Section 4 Township 21S Range 37E NMPM Lea County

10. Date Spudded

5/13/02

11. Date T.D. Reached

5/19/02

12. Date Compl. (Ready to Prod.)

5/31/02

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

3478'

KB

14. Elev. Casinghead

15. Total Depth

4200

16. Plug Back T.D.

4152

17. If Multiple Compl. How

Many Zones?

18. Intervals

Drilled By

Rotary Tools

X

Cable Tools

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

Grayburg 3796 - 4043

20. Was Directional Survey Made

NO

21. Type Electric and Other Logs Run

GR/CNL/CCL

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#	403	12-1/4	250 sx / Circulated 50 sx	
5-1/2	17#	4200	7-7/8	1050 sx / Circulated 262 sx	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	4088	

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

Grayburg 3796-3800, 3811-16, 3820-26, 3831-38, 3845-56, 3862-68, 3878-82, 3898-3906, 3919-28, 3952-70, 3990-96, 4003-09, 4025-43

4" - 216 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3796 - 4043	Acidized w/ 6000 gals 15% HCL
	Frac w/ 41000 gals gel & 80000# 16/30 sand

28. PRODUCTION

Date First Production 5/31/02		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 6/8/02	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 68	Gas - MCF 130	Water - Bbl 255	Gas - Oil Ratio 1912
Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl	Oil Gravity - API - (Corr.) 35.3	

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 6/12/02

K2

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	2652	T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers	2902	T. Devonian		T. Menefee		T. Madison	
T. Queen	3473	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg	3762	T. Montoya		T. Mancos		T. McCracken	
T. San Andres	4062	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	1295	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