

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 APINO.

30-025-36114

5. Indicate Type of Lease

☐ STATE☒ FEE

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

D C Hardy

8. Well No.

6

9. Pool name or Wildcat

Penrose Skelly; Grayburg

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 O : 330 Feet From The South Line and 1330 Feet From The East Line
Section 20 Township 21S Range 37E NMPM Lea County

10. Date Spudded

2/3/2003

11. Date T.D. Reached

2/8/03

12. Date Compl. (Ready to Prod.)

2/18/03

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

3482'

GR

14. Elev. Casinghead

15. Total Depth

4100'

16. Plug Back T.D.

4058'

17. If Multiple Compl. How

Many Zones?

18. Intervals

Drilled By

Rotary Tools

Cable Tools

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

Grayburg 3738' - 3930

20. Was Directional Survey Made

21. Type Electric and Other Logs Run

CZD-CNL-GRL, DLL-GRL

22. Was Well Cored

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#	411	12-1/4	325 sx / circ. 79 sx to pit	
5-1/2	17#	4100	7-7/8	750 sx / circ. 157 sx to pit	

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25.

TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8	3980'	

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

Grayburg - 3738-42, 3764-68, 3832-36, 3864-66,
3880-84, 3900-16, 3920-30

4" - 88 holes

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

DEPTH INTERVAL

3738 - 3930

AMOUNT AND KIND MATERIAL USED

Acidized w/ 2302 Gals 15% HCL

Frac'd w/ 38002 gals gel & 30000# 16/30 sand

28.

PRODUCTION

Date First Production 2/18/03	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 2/25/03	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 95	Gas - MCF 200	Water - Bbl. 182
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)

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

Sold

Test Witnessed By

Apache Corporation

30. List Attachments

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

3/17/2003

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	2595	T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers	2853	T. Devonian		T. Menefee		T. Madison	
T. Queen	3384	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg	3659	T. Montoya		T. Mancos		T. McCracken	
T. San Andres	3989	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	1218	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

ELF 3/20/03
 ABOVE DATE DOES NOT
 INDICATE WHEN
 CONFIDENTIAL LOGS
 WILL BE RELEASED

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