

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. 30-025-36478
Indicate Type of Lease ☒ STATE ☐ FEE
State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: ☒ OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER		7. Lease Name or Unit Agreement Name State C Tract 12	
b. Type of Completion: ☐ New Well ☐ Workover ☐ Deepen ☒ Plug Back ☐ Diff. Resrv. ☐ Other		8. Well No. 15	
2. Name of Operator Apache Corporation		9. Pool name or Wildcat Penrose Skelly; Grayburg	
3. Address of Operator 6120 South Yale, Suite 1500 Tulsa, Oklahoma 74136-4224 918-491-4957		10. Date Spudded 1/26/04	
4. Well Location: Unit Letter <u>C</u> Section <u>16</u> Township <u>21S</u> Range <u>37E</u> Line and <u>1400</u> Feet From The <u>North</u> Line Lea County		11. Date T.D. Reached 2/2/04	
12. Date Compl. (Ready to Prod.) 6/4/04		13. Elevations (DF, RKB, FT, GR, etc.) 3480 GR	
14. Elev. Casinghead		15. Total Depth 4725'	
16. Plug Back T.D. 4020'		17. If Multiple Compl. How Many Zones?	
18. Intervals Drilled By		19. Producing Interval(s), of this completion - Top, Bottom, Name Penrose Skelly; Grayburg 3790-3978'	
20. Was Directional Survey Made NO		21. Type Electric and Other Logs Run BC-SI, SD-DSN	
22. Was Well Cored NO		23.	

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	

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	3981'	

26. Perforation record (interval, size, and number) Wildcat; San Andres 4092-4102, 4152-60, 4204-14 4" w/ 2 JSPF		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL		AMOUNT AND KIND OF MATERIAL USED	
		4092-4214		Acidized w/ 3000 gals HCL	
		4020'		RBP	
		3790-3978		Acidized w/ 2,000 gals 15% HCL	
		3790-3978		Frac'd w/ 42,500 glas gel & 100,000# 20/40 sand	

28. PRODUCTION							
Date First Production 6/4/04		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 7/5/04	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 52	Gas - MCF 122	Water - Bbl. 196	Gas - Oil Ratio 2346
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
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30. List Attachments 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 07/16/04

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. 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	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

From	To	Thickness in Feet	Lithology