

State of New Mexico  
Energy, Minerals and Natural Resources

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

Form C-105  
Revised March 25, 1999

WELL API NO. 30-025-35514
5. Indicate Type of Lease <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE
6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER		7. Lease Name or Unit Agreement Name Southland Royalty A	
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Workover <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. <input type="checkbox"/> Other		8. Well No. 10	
2. Name of Operator Apache Corporation		9. Pool name or Wildcat Penrose Skelly; Grayburg	
3. Address of Operator 2000 Post Oak Blvd., Ste. 100, Houston, Texas 77056-4400 / 713-296-6000			
4. Well Location Unit Letter <u>G</u> : <u>1830</u> Feet From The <u>North</u> Line and <u>1980</u> Feet From The <u>East</u> Line Section <u>9</u> Township <u>21S</u> Range <u>37E</u> NMPM <u>Lea</u> County			
10. Date Spudded 5/12/01	11. Date T.D. Reached 5/18/01	12. Date Compl. (Ready to Prod.) 6/20/01	13. Elevations (DP & RKB, RT, GR, etc.) 3480' GR
14. Elev. Casinghead			
15. Total Depth 4450	16. Plug Back T.D. 4072	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By X
19. Producing Interval(s), of this completion - Top, Bottom, Name Grayburg 3778 - 4016			20. Was Directional Survey Made NO
21. Type Electric and Other Logs Run GR-CNL / GR-DLL			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#	1268	12-1/4	460 sx / Circulatd 87 sx	
5-1/2	17#	4450	7-7/8	1025 sx / Circulated 90 sx	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-7/8	4060

26. Perforation record (interval, size, and number) Grayburg 3778-81, 94-3800, 05-22, 27-34, 3914-32, 62-69, 47-52, 58-80, 96-4016 - 4" - 429 Holes  CIBP @ 4107' w/ 35' Cement  San Andres 4146-58, 80-84, 4205-09, 40-43, 80-92 - 4" - 145 Holes		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>3778 - 4016</td> <td>Acidize w/ 5000 gals 15% HCL</td> </tr> <tr> <td></td> <td>Frac w/ 30950 gals gel &amp; 60085# 16/30 sand</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td>4146 - 4292</td> <td>Acidize w/ 2000 gals 15% HCL</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table>		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	3778 - 4016	Acidize w/ 5000 gals 15% HCL		Frac w/ 30950 gals gel & 60085# 16/30 sand					4146 - 4292	Acidize w/ 2000 gals 15% HCL						
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28. PRODUCTION							
Date First Production 6/20/01		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 7/1/01	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 114	Gas - MCF 209	Water - Bbl. 154	Gas - Oil Ratio 1833
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 37.9	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By Apache Corporation
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30. List Attachments Logs, Deviation Report, C-104
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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 Debra J. Anderson	Title Sr. Engineering Technician	Date 7/3/2001

## 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		T. Devonian		T. Menefee		T. Madison	
T. Queen	3440	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg	3728	T. Montoya		T. Mancos		T. McCracken	
T. San Andres	4028	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	1288	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