

Submit to Appropriate District Office

State Lease-6 copies

Fee Lease-5 copies

State of New Mexico
Energy, Minerals and Natural Resources

Form C-105
Revised March 25, 1999

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

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

WELL API NO. 30-025-35225
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 Livingston		
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					
2. Name of Operator Apache Corporation			8. Well No. 16		
3. Address of Operator 2000 Post Oak Blvd., Ste. 100, Houston, Texas 77056-4400 / 713-296-6000			9. Pool name or Wildcat Penrose Skelly; Grayburg		
4. Well Location Unit Letter <u>Lot 14</u> : <u>3240</u> Feet From The <u>South</u> Line and <u>1839</u> Feet From The <u>West</u> Line Section <u>3</u> Township <u>21S</u> Range <u>37E</u> NMPM <u>Lea</u> County					
10. Date Spudded 12/31/00	11. Date T.D. Reached 01/07/01	12. Date Compl. (Ready to Prod.) 01/26/01	13. Elevations (DF & RKB, RT, GR, etc.) 3448' GR	14. Elev. Casinghead	
15. Total Depth 4500	16. Plug Back T.D. 4416	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 3879 - 4000				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#	1270	12-1/4	460 sx / Circulated 60 sx	
5-1/2	17#	4500	7-7/8	975 sx / Circulated 115 sx	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	4050	

26. Perforation record (interval, size, and number) Grayburg 3879-86, 92-98, 3914-38, 59-4000 - 4" - 337 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>3879 - 4000</td> <td>Acidize w/ 4000 gals 15% HCL</td> </tr> <tr> <td></td> <td>Frac w/ 21000 gals gel & 40580# 16/30 sand</td> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </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	3879 - 4000	Acidize w/ 4000 gals 15% HCL		Frac w/ 21000 gals gel & 40580# 16/30 sand														
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28. PRODUCTION							
Date First Production 1/26/01		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 1/31/01	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 107	Gas - MCF 167	Water - Bbl. 127	Gas - Oil Ratio 1561
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 37.3	

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

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 2/13/01

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		T. Devonian		T. Menefee		T. Madison	
T. Queen		T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg	3217	T. Montoya		T. Mancos		T. McCracken	
T. San Andres	3742	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	1280	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