

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 Resources

Form C-104
Revised June 1, 2000

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

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator Name and Address APACHE CORPORATION 2000 POST OAK BLVD., SUITE 100 HOUSTON, TEXAS 77056-4400		OGRID Number 000873
API Number 30-025-35708		Reason for Filing Code / Effective Date NW / 10/22/01
Property Code 23113	Pool Name Penrose Skelly, Grayburg	Pool Code 50350
Property Name State C Tract 12		Well Number 10

II. ¹⁰ Surface Location

Ul or lot no. F	Section 16	Township 21S	Range 37E	Lot. Idn	Feet from the 1650	North/South line North	Feet from the 1780	East/West line West	County Lea
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¹¹ Bottom Hole Location

Ul or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Lse Code S	¹³ Producing Method Code P	¹⁴ Gas Connection Date 10/22/2001		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date	

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
166418	Oasis Transporting & Marketing 13520 W. Hwy 80 E Odessa, Texas 79765	042410	O	F, Sec. 16, T-21S, R-37E
020809	Sid Richardson Gasoline Co. 201 Main Street, Suite 2700 Ft Worth, Texas 76102-3131	042430	G	F, Sec. 16, T-21S, R-37E

IV. Produced Water

²³ POD 042450	²⁴ POD ULSTR Location and Description E, Sec. 16, T-21S, R-37E
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V. Well Completion Data

²⁵ Spud Date 10/3/2001	²⁶ Ready Date 10/22/2001	²⁷ TD 4200	²⁸ PBTD 4108	²⁹ Perforations 3788 - 3986	³⁰ DHC, MC
³¹ Hole Size 12-1/4	³² Casing & Tubing Size 8-5/8	³³ Depth Set 1220	³⁴ Sacks Cement 475 sx / Circulated 55 sx		
7-7/8	5-1/2	4200	975 sx / Circulated 76 sx		
	2-7/8	4049			

VI. Well Test Data

³⁵ Date New Oil 10/22/2001	³⁶ Gas Delivery Date 10/22/2001	³⁷ Test Date 10/30/2001	³⁸ Test Length 24	³⁹ Tbg. Pressure 280	⁴⁰ Csg. Pressure
⁴¹ Choke Size	⁴² Oil 95	⁴³ Water 300	⁴⁴ Gas	⁴⁵ AOF	⁴⁶ Test Method Pumping

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Debra J. Anderson*
Printed Name: Debra J. Anderson
Title: Sr. Engineering Technician
Date: 11/7/2001
Phone: 713-296-6338

OIL CONSERVATION DIVISION	
Approved by:	ORIGINAL SIGNED BY PAUL F. KALTZ PETROLEUM ENGINEER
Title:	
Approval Date:	NOV 15 2001

⁴⁸ If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature:	Printed Name	Title	Date
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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. 30-025-35708
5. Indicate Type of Lease <input checked="" type="checkbox"/> STATE <input 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 State C Tract 12	
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>F</u> : <u>1650</u> Feet From The <u>North</u> Line and <u>1780</u> Feet From The <u>West</u> Line Section <u>16</u> Township <u>21S</u> Range <u>37E</u> NMPM <u>Lea</u> County			
10. Date Spudded 10/3/01	11. Date T.D. Reached 10/9/01	12. Date Compl. (Ready to Prod.) 10/22/01	13. Elevations (DP& RKB, RT, GR, etc.) 3478' GR
14. Elev. Casinghead	15. Total Depth 4200		
16. Plug Back T.D. 4108	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	19. Producing Interval(s), of this completion - Top, Bottom, Name Grayburg 3788 - 3986
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#	1220	12-1/4	475 sx / Circulated 55 sx	
5-1/2	17#	4200	7-7/8	975 sx / Circulated 76 sx	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-7/8	4049

26. Perforation record (interval, size, and number) Grayburg 3788-3800, 03-08, 13-16, 28-42, 52-56, 82-86, 94-3908, 15-18, 34-41, 44-47, 51-80, 83-86 - 4" - 416 Holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	3788 - 3986	Acidize w/ 6400 gals 15% HCL
		Frac w/ 43975 gals gel & 80360# 16/30 sand

28. PRODUCTION	
Date First Production 10/22/01	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 1.5" Rod Insert
Date of Test 10/30/01	Well Status (Prod. or Shut-in) Producing
Hours Tested 24	Choke Size
Flow Tubing Press.	Prod'n For Test Period
Casing Pressure	Oil - Bbl. 95
Calculated 24-Hour Rate	Gas - MCF 280
	Water - Bbl. 300
	Gas - Oil Ratio 2947
	Oil Gravity - API - (Corr.) 37.9
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	
Test Witnessed By Apache Corporation	

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 11/07/01

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	2627	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	3701	T. Montoya		T. Mancos		T. McCracken	
T. San Andres	3999	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	1274	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