



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	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	T. Montoya	T. Mancos	T. McCracken
T. San Andres	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	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

DISTRICT I

1625 N. French Dr., Hobbs, NM 88240

DISTRICT II

811 South First, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos R., Aztec, NM 87410

DISTRICT IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

FORM C-103
Revised March 25, 1999

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-06401
1. Type of Well: <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. Indicate Type of Lease <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE
2. Name of Operator Anache Corporation		6. State Oil & Gas Lease No.
3. Address of Operator 2000 Post Oak Blvd., Ste. 100, Houston, Texas 77056-4400		7. Lease Name or Unit Agreement Name Gulf Hill
4. Well Location Unit Letter R : 1980 Feet From The South Line and 1980 Feet From The East Line Section 4 Township 21S Range 37E NMPM Lea County		8. Well No. 1
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3481' GR		9. Pool name or Wildcat Penrose Skelly; Grayburg

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO: <input type="checkbox"/> Perform Remedial Work <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon <input type="checkbox"/> Change Plans <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Other	SUBSEQUENT REPORT OF: <input type="checkbox"/> Remedial Work <input type="checkbox"/> Altering Casing <input type="checkbox"/> Commence Drilling Operations <input type="checkbox"/> Plug and Abandonment <input type="checkbox"/> Casing Test and Cement Job <input checked="" type="checkbox"/> Other Plugback to Grayburg

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

- 11/27/00 MIRU. Pull out of hole w/ production equipment
- 11/28/00 Run in hole w/ bit & scraper to 5900'. Pull out of hole. Run in hole w/ CIBP & set @ 5600' w/ 35' cement
- 11/29/00 Run Cement Bond Log from 2600' - 4650'. Top of cement @ 3470'
- 11/30/00 Perforate Grayburg 3897'-3904', 3910'-3921', 3932'-3951', 3969'-3973', 3981'-3986', 3992'-4019'
Acidize 3897' - 4019' w/ 3000 gals 15% HCL
- 12/5/00 Frac Grayburg 3897' - 4019' w/ 23800 gals gel & 40260# 16/30 sand
- 12/6/00 Run in hole w/ 2-3/8" production tubing, set @ 4052' & circulate hole clean
- 12/7/00 Run in hole w/ production equipment and return to production

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Debra J. Anderson TITLE Sr. Engineering Technician DATE 12/18/00
TYPE OR PRINT NAME Debra J. Anderson TELEPHONE NO. 713-296-6338
(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____

JC

70 8 2000

District I
1625 N. French Dr., Hobbs, NM 88240

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811 South First, Artesia, NM 88210

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1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1 Operator Name and Address Apache Corporation 2000 Post Oak Blvd. Ste. 100 Houston, Texas 77056-4400		Attn: Debra J. Anderson		2 OGRID Number 000873
3 API Number 30-025-06401	4 Property Code 23510	5 Property Name Gulf Hill		6 Well No. 1

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
R	4	21S	37E		1980	South	1980	East	Lea

8 Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
9 Proposed Pool 1 Penrose Skelly; Grayburg					10 Proposed Pool 2 Hare; San Andres, East				

11 Work Type Code P	12 Well Type Code O	13 Cable/Rotary	14 Lease Type Code P	15 Ground Level Elevation 3481
16 Multiple N	17 Proposed Depth 5974 (TD)	18 Formation Grayburg / San Andres	19 Contractor	20 Spud Date ASAP

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/4	13-3/8	48#	156	150	Surface
11	8-5/8	32#	2933	600	218' (Calculated)
7-7/8	5-1/2	15.5#	5970	375	3480' (Calculated)

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Gulf Hill # 1 is currently a marginal producer in the Blinberry Oil & Gas Pool

Apache proposes to plugback the wellbore by setting a CIBP @ 5650' w/ 25 sx cement and perforate based on log correlation (approximately 3800' - 4100').

Permit Expires 1 Year From Approval
Date Unless ~~Drilling Underway~~

Plug Back

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Debra J. Anderson</i>		Approved by: <i>[Signature]</i>	
Printed Name: Debra J. Anderson		Title: <i>[Signature]</i>	
Title: Sr. Engineering Technician		Approval Date: <i>Nov 13 2000</i>	Expiration Date:
Date: 10/30/00	Phone: 713-296-6338	Conditions of Approval: Attached <input type="checkbox"/>	

District I
1625 N. French Drive, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102

Revised October 18, 1994

Instruction on Back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

District II
P O Drawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION

2040 S. Pacheco

Santa Fe, New Mexico 87505

District III
1000 Rio Brazos Rd., Aztec, NM 87410

☐ AMENDED REPORT

District IV
2040 South Pacheco, Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-06401	² Pool Code 50350	³ Pool Name Penrose Skelly: Grayburg
⁴ Property Code 23510	⁵ Property Name Gulf Hill	⁶ Well Number 1
⁷ OGRID No. 000873	⁸ Operator Name Apache Corporation	⁹ Elevation 3481

¹⁰ Surface Location

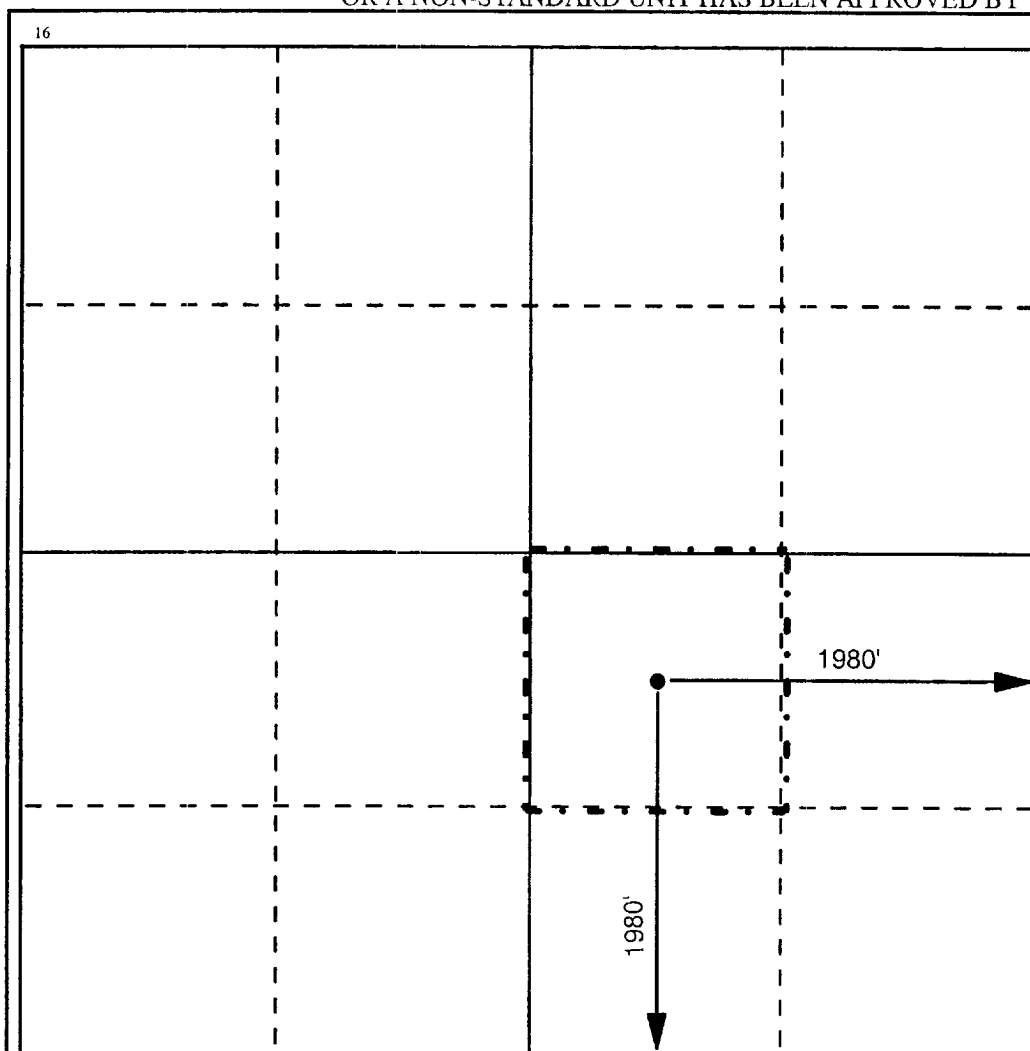
UL or Lot No. R	Section 4	Township 21S	Range 37E	Lot Idn	Feet from the 1980	North/South line South	Feet from the 1980	East/West line East	County Lea
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¹¹ Bottom Hole Location If Different From Surface

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁴ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein 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
10/30/00

¹⁸ SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date Surveyed
Signature and Seal of Professional Surveyor

Certificate Number

District I
1625 N. French Drive, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102

Revised October 18, 1994

District II
P O Drawer DD, Artesia, NM 88210

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☐ AMENDED REPORT

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2040 South Pacheco, Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

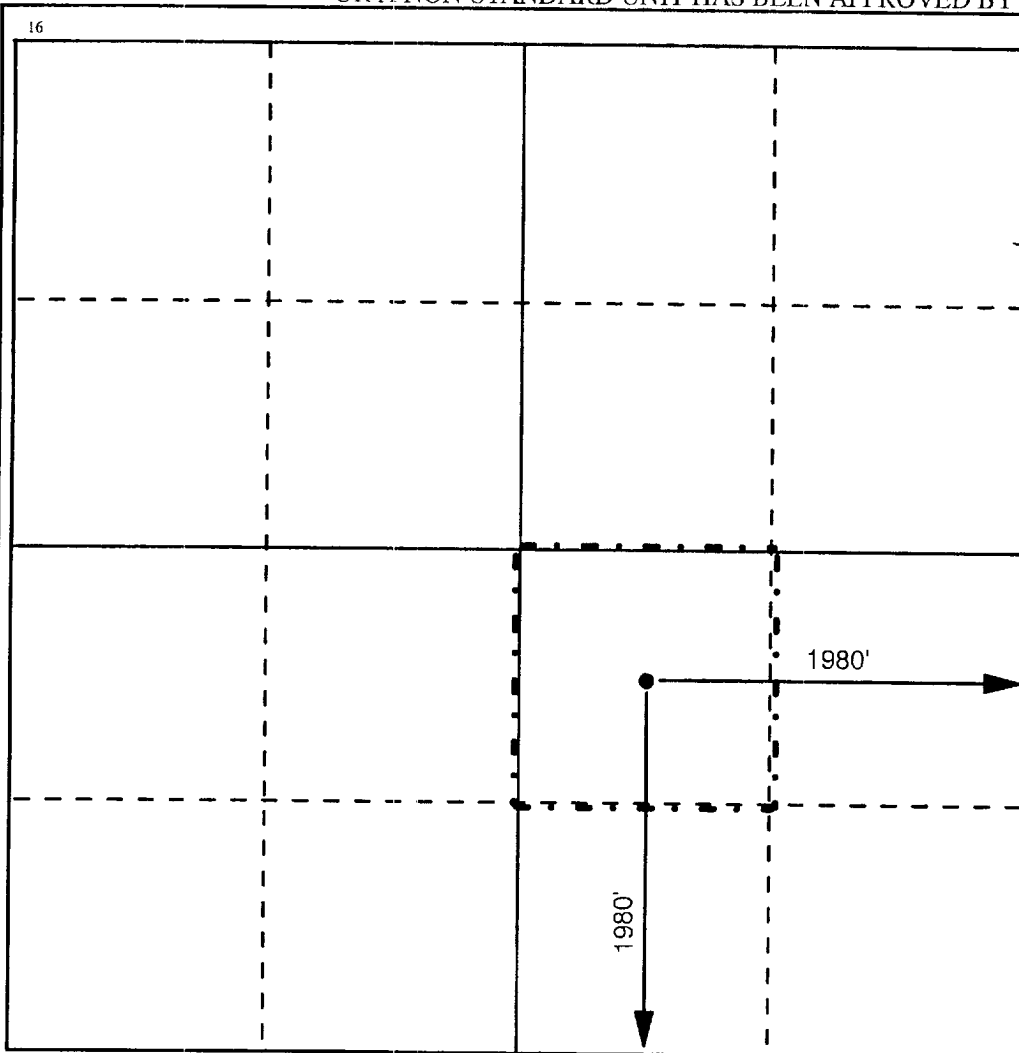
¹ API Number 30-025-06401		² Pool Code 96601		³ Pool Name Hare:San Andres, East	
⁴ Property Code 23510		⁵ Property Name Gulf Hill			⁶ Well Number 1
⁷ OGRID No. 000873		⁸ Operator Name Apache Corporation			⁹ Elevation 3481

¹⁰ Surface Location									
UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹¹ Bottom Hole Location If Different From Surface									
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¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁴ Order No.
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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



17 OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>	
Signature 	
Printed Name Debra J. Anderson	
Title Sr. Engineering Technician	
Date 10/30/00	
18 SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>	
Date Surveyed	
Signature and Seal of Professional Surveyor	
Certificate Number	

APACHE CORPORATION
GULF HILL # 1
SECTION 4 (Government Long),
TOWNSHIP 21S, RANGE 37E
LEA COUNTY, NEW MEXICO

