

Submit 3 Copies to Appropriate District
Office

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

OIL CONSERVATION DIVISION
1220 South St. Francis Drive
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. 30-025-09915
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 Apache 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 Argo
4. Well Location Unit Letter L Section 15 Township 21S Range 37E Line and 990 Feet From The West Line Section 15 Township 21S Range 37E NMPM Lea County		8. Well No. 7
10. Elevation (Show whether DF, RKE, RT, GR, etc.) 3444' GR		9. Pool name or Wildcat Penrose Skelly; Grayburg

11.

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.

- 6/12/2001 MIRU. Run in hole w/ CIBP and set @ 4500' w/ 35' cement. Run Cement Bond Log - Top of cement @ 3280'
- 6/13/2001 Perforate Grayburg 3760-3764, 3768-3772, 3776-3780, 3804-3808, 3814-3824, 3830-3840, 3848-3852, 3860-3866, 3874-3880, 3886-3908, 3918-3922, 3930-3974
- 6/14/2001 Acidize Grayburg 3760 - 3974 w/ 6500 gals 15% HCL
- 6/18/2001 Frac Grayburg 3760 - 3974 w/ 25300 gals gel & 50054# 16/30 sand
- 6/21/2001 Run in hole w/ 2-7/8" production tubing and set @ 4001'. 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
Debra J. Anderson

TITLE

Sr. Engineering Technician

DATE

7/31/2001

TYPE OR PRINT NAME

Debra J. Anderson

TELEPHONE NO.

713-296-6338

(This space for State Use)

APPROVED BY

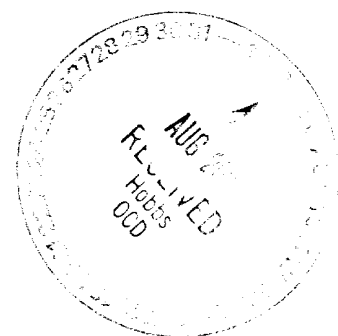
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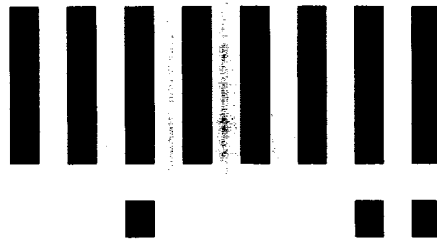
DATE

CONDITIONS OF APPROVAL, IF ANY:

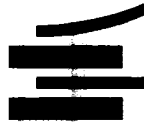
PAUL E. KUTZ
PETROLEUM ENGINEER

7A Drinkard





LTR



Job separation sheet

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 & Natural Resources Department

Form C-101
Revised March 17, 1999

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

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		2 OGRID Number 000873
Attn: Debra J. Anderson		3 API Number 30-025-09915
4 Property Code 23103	5 Property Name Argo	6 Well No. 7

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
L	15	21S	37E		2310	South	990	West	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				

11 Work Type Code P	12 Well Type Code O	13 Cable/Rotary	14 Lease Type Code P	15 Ground Level Elevation 3444'
16 Multiple N	17 Proposed Depth 8193' (TD)	18 Formation Grayburg	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	32#	223	250	Circulated to Surface
11	8-5/8	32#	2907	1900	Circulated to Surface
7-7/8	5-1/2	15.5# / 17#	2650' - 8016'	779	2650' (Top of Liner)

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.

Argo # 7 is currently a TA'd wellbore with a CIBP @ 6350' w/ 35' cement cap

Apache proposes to plugback the wellbore by setting a CIBP @ 4500' w/ 35' cement cap and perforating the Grayburg from 3860' - 3970' (Estimated - Actual perforations to be determined by log)

Permit Expires 1 Year From Approval
Date Unless ~~Extended~~ *Perforated* **Plugback**

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:	
Printed Name: Debra J. Anderson		Title:	
Title: Sr. Engineering Technician		Approval Date: Expiration Date:	
Date: 4/2/01	Phone: 713-296-6338	Conditions of Approval: Attached <input type="checkbox"/>	

5
C
A

Measurements and dimensions are to be in feet/inches. Well locations will refer to the New Mexico Principal Meridian.

Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office

Operator's name and address

API number of this well. If this is a new drill the OCD will assign the number and fill this in

Property code. If this is a new property the OCD will assign the number and fill it in

Property name that used to be called "well name"

The number of this well on the property

The surveyed location of this well New Mexico Principal Meridian NOTE: If the United States government survey designates a Lot Number for this location use that number in the "UL or lot no." box. Otherwise use the OCD Unit Letter

The proposed bottom hole location of this well at TD

The proposed pool(s) to which this well is being drilled

Work type code from the following table:

N	New well
E	Re-entry
D	Drill deeper
P	Plugback
A	Add a zone

Well type code from the following table:

O	Single oil completion
G	Single gas completion
M	Multiple completion
I	Injection well
S	SWD well
W	Water supply well
C	Carbon dioxide well

Cable or rotary drilling code

C	Propose to cable tool drill
R	Propose to rotary drill

Lease type code from the following table:

S	State
P	Private

Ground level elevation above sea level

Intend to multiple complete? Yes or No

Proposed total depth of this well

Geologic formation at TD

Name of the intended drilling company if known

Anticipated spud date

Proposed hole size ID inches, proposed casing OD inches, casing weight in pounds per foot, setting depth of the casing or depth and top of liner, proposed cementing volume, and estimated top of cement

Brief description of the proposed drilling program and BOP program. Attach additional sheets if necessary

The signature, printed name, and title of the person authorized to make this report. The date this report was signed and the telephone number to call for questions about this report



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

District II
P O Drawer DD, Artesia, NM 88210

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

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe, New Mexico 87505

Form C-102

Revised October 18, 1994

Instruction on Back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

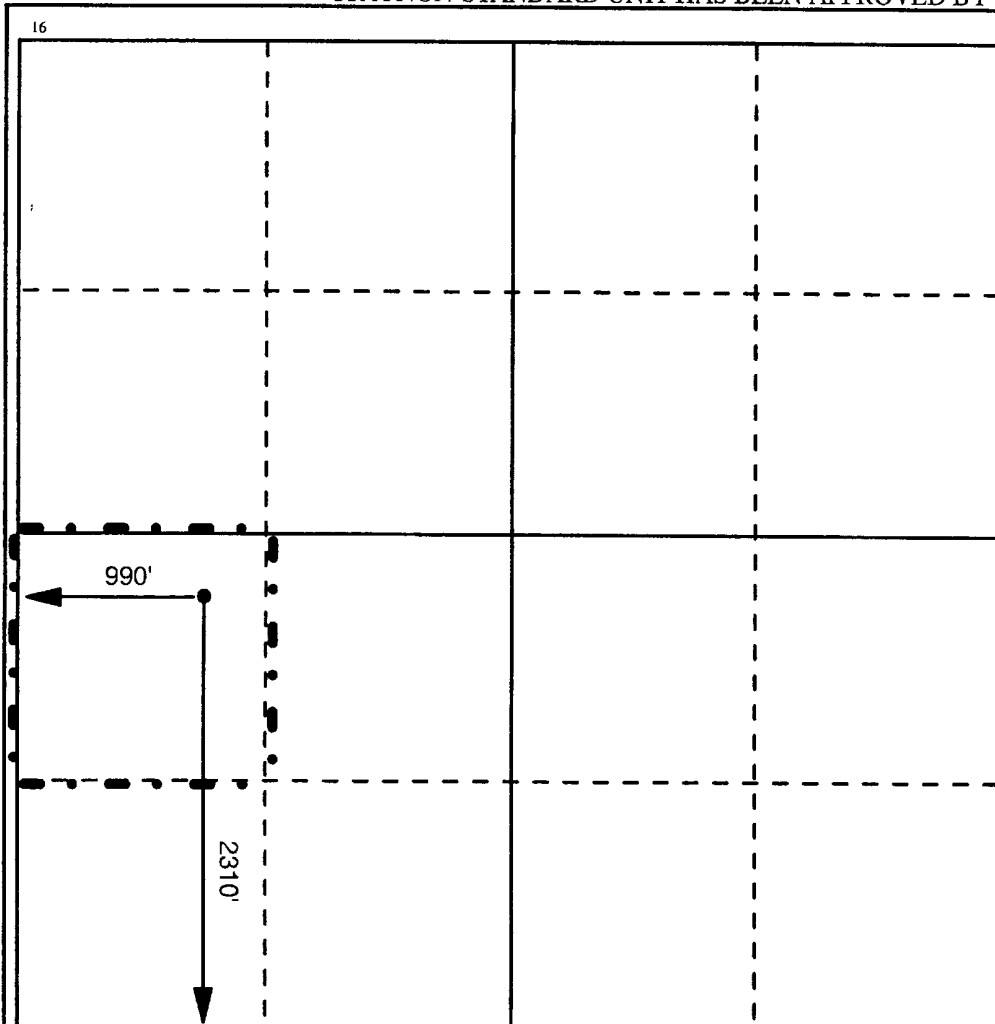
¹ API Number 30-025-09915		² Pool Code 50350		³ Pool Name Penrose Skelly; Grayburg	
⁴ Property Code 23103		⁵ Property Name Argo			⁶ Well Number 7
⁷ OGRID No. 000873		⁸ Operator Name Apache Corporation			⁹ Elevation 3444'

¹⁰ Surface Location									
UL or Lot No. L	Section 15	Township 21S	Range 37E	Lot Idn	Feet from the 2310	North/South line South	Feet from the 990	East/West line West	County Lea

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

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

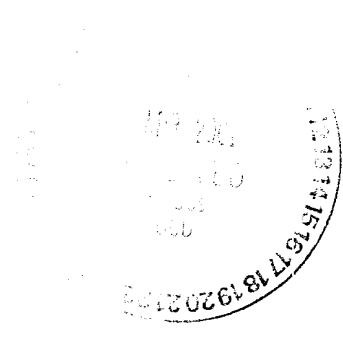


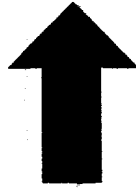
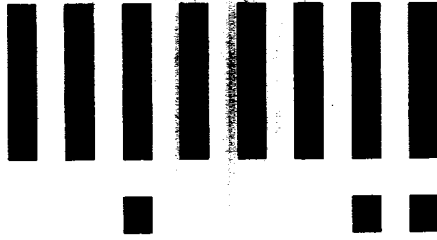
¹⁷ **OPERATOR CERTIFICATION**
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature: *Debra J. Anderson*
Printed Name: **Debra J. Anderson**
Title: **Sr. Engineering Technician**
Date: **4/02/01**

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:





LTR



Job separation sheet

District I
P.O. Box 1980, Hobbs, NM 88241-1980

District II
P.O. Drawer DD, Artesia, NM 88211-0719

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

District IV
P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088

Form C-104

Revised February 10, 1994

Instructions on back

Submit to Appropriate District Office

5 Copies



AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Apache Corporation 2000 Post Oak Blvd, Suite 100 Houston, TX 77056-4400		² OGRID Number 000873
⁴ API Number 30-025-09915		³ Reason for Filing Code CH eff 2/1/98
⁵ Pool Name Drinkard		⁶ Pool Code 19190
⁷ Property Code 23103	⁸ Property Name Argo	⁹ Well Number 7

II. ¹⁰ Surface Location

UI or lot no. L	Section 15	Township 21S	Range 37E	Lot. Idn	Feet from the 2310	North/South line S	Feet from the 990	East/West line W	County Lea
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¹¹ Bottom Hole Location

UI or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Lse Code P	¹³ Producing Method Code TA	¹⁴ Gas Connection Date 9/26/83	¹⁵ C-129 Permit Number	¹⁶ 29 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
	TA Expires 12/9/2002	2264110	O	
		2264130	G	

IV Produced Water

²³ POD 2264150	²⁴ POD ULSTR Location and Description
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V. Well Completion Data

²⁵ Spud Date	²⁶ Ready Date	²⁷ TD	²⁸ PBTD	²⁹ Perforations
³⁰ Hole Size	³¹ Casing & Tubing Size	³² Depth Set	³³ Sacks Cement	

VI Well Test Data

³⁴ Date New Oil	³⁵ Gas Delivery Date	³⁶ Test Date	³⁷ Test Length	³⁸ Tbg. Pressure	³⁹ Csg. Pressure
⁴⁰ Choke Size	⁴¹ Oil	⁴² Water	⁴³ Gas	⁴⁴ AOF	⁴⁵ Test Method

⁴⁶ 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: *Pamela M. Leighton*

Printed Name:
Pamela M. Leighton

Title:
Sr Regulatory Analyst

Date: **4/20/98** Phone: **713-296-7120**

OIL CONSERVATION DIVISION

Approved by: *[Signature]*
Title: **SUPERVISOR**

Approval Date: **MAY 11 1998**

⁴⁷ If this is a change of operator fill in the OGRID number and name of the previous operator
OGRID #157984 **Altura Energy Ltd.**

Previous Operator Signature: *Mark Stephens* Printed Name: **Mark Stephens** Title: **Business Analyst**

Date: **5/5/98**