

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

RECEIVED
State of New Mexico
Energy Minerals and Natural Resources
APR 22 2010
Oil Conservation Division
HOBBS
2220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
June 16, 2008

Submit to appropriate District Office

☐ AMENDED REPORT

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

¹ Operator Name and Address Apache Corporation 6120 S Yale Ave, Suite 1500 Tulsa, OK 74136		² OGRID Number 873
		³ API Number 30 - 25-04147
⁴ Property Code 302354	⁵ Property Name State H	⁶ Well No. 003
⁹ Proposed Pool 1 Monument; Paddock (47080)		¹⁰ Proposed Pool 2

Surface Location

UL or lot no J	Section 1	Township 20S	Range 36E	Lot Idn	Feet from the 2173	North/South line South	Feet from the 1887	East/West line East	County Lea
-------------------	--------------	-----------------	--------------	---------	-----------------------	---------------------------	-----------------------	------------------------	---------------

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
--------------	---------	----------	-------	---------	---------------	------------------	---------------	----------------	--------

Additional Well Information

¹¹ Work Type Code P	¹² Well Type Code O	¹³ Cable/Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3575' DF
¹⁶ Multiple No	¹⁷ Proposed Depth 5660' RBP	¹⁸ Formation Paddock	¹⁹ Contractor	²⁰ Spud Date OPEN

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
19-1/2"	16"	53#	245'	200 sx	SURFACE
12-1/4"	10-3/4"	40.5#	2302'	1500 sx	SURFACE
9-7/8"	7"	24#	5717'	500 sx	3146' TS

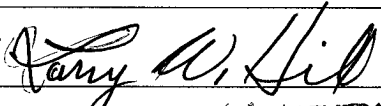
²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone
Describe the blowout prevention program, if any Use additional sheets if necessary

This well is currently producing from the Blinebry @ 5676'-5715' & OH @ 5717'-5727'.
Apache proposes to recompleat this well to the Paddock via the following procedure:

1. MIRU pulling unit. Pull rods and tubing.
2. Inspect tubing to find casing leak. Run CNL.
3. Set RBP @ +/- 5660'.
4. Perf Paddock at interval selected by engineer.
5. Acidize Paddock.
6. Swab test Paddock.
7. POOH w/tbg. Determine if RBP over Blinebry will be pulled.
8. RIH w/prod tubing & rods.
9. Place well on production.

**Permit Expires 2 Years From Approval
Date Unless Drilling Underway
Plugback**

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief

Signature: 	OIL CONSERVATION DIVISION	
Printed name: Amber Cooke	Approved by: 	
Title: Engineering Tech	Title: DISTRICT SUPERVISOR/GENERAL MANAGER	
E-mail Address: amber.cooke@apachecorp.com	Approval Date: APR 28 2010	Expiration Date:
Date: 04/20/2010	Phone: 918.491.4968	Conditions of Approval Attached ☐

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-04147	² Pool Code 47080	³ Pool Name Monument; Paddock
⁴ Property Code 302354	⁵ Property Name State H	⁶ Well Number 003
⁷ OGRID No. 873	⁸ Operator Name Apache Corporation	⁹ Elevation 3575' DF

¹⁰ Surface Location

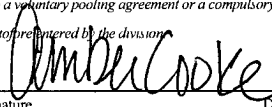
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	1	20S	36E		2173	South	1887	East	Lea

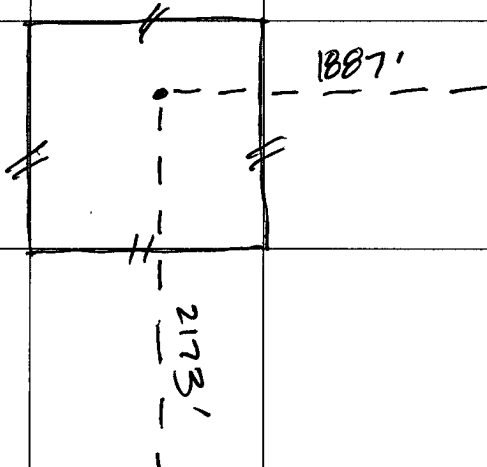
¹¹ Bottom Hole Location If Different From Surface

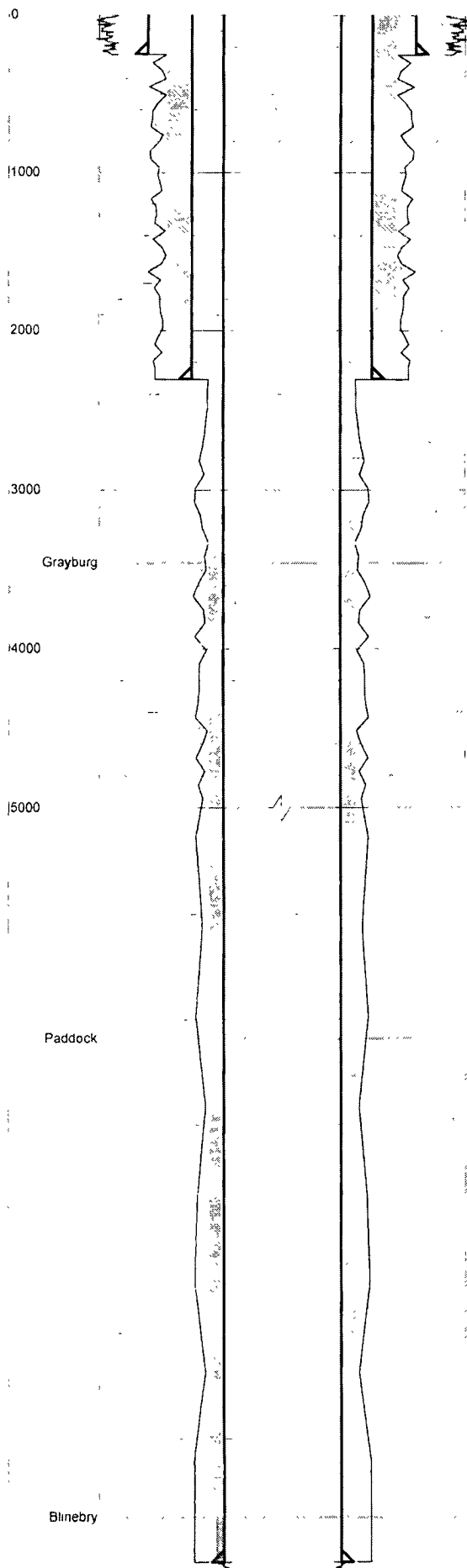
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
-------------------------------------	-------------------------------	----------------------------------	-------------------------

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.

16				¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i>  04/20/2010 Signature Date Amber Cooke Printed Name
				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 of Survey Signature and Seal of Professional Surveyor Certificate Number





CURRENT COMPLETION

Last Updated: 4/14/2010 5:21:29 PM

Field Name Monument County State API Lea New Mexico 30-025-04147 GL (ft) 0 KB (ft) 0 Well No. 3
 Sec. Twp/Blk 1 20S Rng/Svy 36E Footage 2173' FSL & 1887' FEL from Spud Date 11/22/1951 Comp. Date 1/12/1952 Prepared By Will Bunkers Last Updated 4/14/2010
 Current Status

Hole Summary				
Date	OD (in)	Top (KB ft)	Bottom (KB ft)	Comments
11/22/1951	19 5000	0	249	
11/24/1951	13 7500	249	2,307	
11/30/1951	8 7500	2,307	5,717	
1/10/1952	6.1250	5,717	5,727	

Tubular Summary						
Date	Description	OD (in)	WT (lb/ft)	Grade	Top (KB ft)	Bottom (KB ft)
11/23/1951	Surface Casing	16.0000	45 00		0	245
11/27/1951	Intermediate Casin	10 7500	40 50 J-55		0	2,302
1/4/1952	Production Casing	7 0000	23.00 J-55		0	5,717

Casing Cement Summary					
Date	No Sx	OD (in)	ID (in)	Top (KB ft)	Bottom (KB ft)
11/23/1951	200	19 5000	16.0000	0	249
11/27/1951	1500	13 7500	10 7500	0	2,302
1/4/1952	500	8 7500	7 0000	3,146	5,717

Tools/Problems Summary					
Cement Plug Summary					
Perf Summary					
Date	Perf Status	Formation	Top (KB ft)	Bottom (KB ft)	SPF Shots Phasing

11/7 1952	Open	Blinberry	5 676	5 715	4
-----------	------	-----------	-------	-------	---

Formation Tops Summary		Top (KB ft)
Formation Name		
Grayburg		3,455
Paddock		5,218
Blinberry		5,674

Last Updated:

4/14/2010 5:21:29 PM CURRENT COMPLETION

Field Name	Lease Name	Well No.	County	State	API	GL (ft)	KB (ft)
Monument	State 'H'	3	Lea	New Mexico	30-025-04147	0	0
Sec. Twp/Blk	Rng/Svy	Footage	Spud Date	Comp. Date	Prepared By	Last Updated	
1 20S	36E	2173' FSL & 1887' FEL from	11/22/1951	1/12/1952	Will Bunkers	4/14/2010	
Current Status							

Detailed Summaries

Hole Summary

Date	OD (in)	Top (KB ft)	Bottom (KB ft)	Comments
11/22/1951	19 5000	0	249	
11/24/1951	13 7500	249	2,307	
11/30/1951	8 7500	2,307	5,717	
1/10/1952	6 1250	5,717	5,727	

Tubular Summary

Date	Description	OD (in)	WT (lb/ft)	Grade	Couplin g	Top (KB ft)	Bottom (KB ft)	Comments
11/23/1951	Surface Casing	16 0000	45 00			0	245	
11/27/1951	Intermediate Casing	10 7500	40 50	J-55		0	2,302	
1/4/1952	Production Casing	7.0000	23 00	J-55		0	5,717	

Casing Cement Summary

Date	No Sx	OD (in)	ID (in)	Top (KB ft)	Bottom (KB ft)	Cement Description	Comments
11/23/1951	200	19 5000	16 0000	0	249		
11/27/1951	1500	13 7500	10 7500	0	2,302		
1/4/1952	500	8.7500	7.0000	3,146	5,717		

Tools/Problems Summary

Cement Plug Summary

*Perf Summary

Date	Perf Status	Formation	Top (KB ft)	Bottom (KB ft)	SPF	Shots	Phasing	Perf Comments	Interval Comments
11/22/1951	Open	Blaine	0	5,717	4	1	5		

Formation Top Summary

Formation Name	Top (KB ft)	Comments
Grayburg	3,455	
Paddock	5,218	
Blaine	5,674	

Completion History Summary

Date	Comments
1/7/1952	Perforate 5,676'-5,715' Acidize w/ 500 gallons
1/8/1952	Recidize w/ 2 000 gallons
1/10/1952	Drill open hole from 5,717'-5,727'
1/11/1952	Acidize perforations and open hole.
11/21/1967	Recidize w/ 5,000 gallons
5/2/1968	Reacidize w/ 7,000 gallons