

DATE <u>8/17/11</u>	SUSPENSE <u>—</u>	ENGINEER <u>WESS</u>	LOGGED IN <u>8/17/11</u>	TYPE <u>DHC</u>	APP NO <u>1123133746</u>
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
- [A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD
- Check One Only for [B] or [C]
- [B] Commingling - Storage - Measurement
☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR
- [D] Other: Specify _____
- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply
- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☐ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached

- [3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

HILLARI J. GOULD
 Print or Type Name

Signature

REGULATORY TECH
 Title

08/17/2011
 Date

HILLARI.GOULD@APACHECORP.COM
 e-mail Address

District I
1023 N. First St. Dr., Santa Fe, NM 87505

District II
1500 W. Central Ave., Santa Fe, NM 87505

District III
1009 E. Briscoe St., Santa Fe, NM 87505

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-107A
Revised June 10, 2003

APPLICATION TYPE
Single Well
Establish Pre-Approved Pools
EXISTING WELLBORE
Yes No

APPLICATION FOR DOWNHOLE COMMINGLING

APACHE CORPORATION
Operator

303 VETERANS AIRPARK LN, SUITE 3000 MIDLAND, TX 79705
Address

T ANDERSON
Lease

005
Well No.

N
Unit Letter

8
Section

20S
Township

37E
Range

LEA
County

OGRID No. 873

Property Code 302373

API No. 30-025-39900

Lease Type: Federal State ☒ Fee

DATA ELEMENT	UPPER ZONE <i>UNDES</i>	INTERMEDIATE ZONE <i>UNDES</i>	LOWER ZONE <i>✓</i>
Pool Name	MONUMENT; TUBB	WEIR; DRINKARD	MONUMENT; ABO, SE
Pool Code	47090	63840	96764
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	6391-6610' (PERFS)	6758-6836' (PERFS)	6946-7130' (PERFS)
Method of Production (Flowing or Artificial Lift)	ARTIFICIAL LIFT	ARTIFICIAL LIFT	ARTIFICIAL LIFT
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150' of the depth of the top perforation in the upper zone)	NA	NA	NA
Oil Gravity or Gas BTU (Degree API or Gas BTU)	39.6	39.6	39.6
Producing, Shut-In or New Zone	NEW ZONE	NEW ZONE	PRODUCING
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: SEE ATTACHED Rates:	Date: SEE ATTACHED Rates:	Date: 04/15/2011 Rates: 152-BO 361-MCF 12-BW
Fixed Allocation Percentage (Note: If allocation is based upon working order this current or past production, supporting data or explanation will be required.)	Oil 49 % Gas 46 %	Oil 15 % Gas 9 %	Oil 36 % Gas 45 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?

Yes ☒ No ☐

If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☐ No ☐

Are all produced fluids from all commingled zones compatible with each other?

Yes ☒ No ☐

Will commingling decrease the value of production?

Yes ☐ No ☒

If this well is on, or communitized with, state or federal lands; has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?

Yes ☐ No ☒

NMOCD Reference Case No. applicable to this well:

Attachments:

C-102 for each zone to be commingled showing its spacing unit and acreage dedication.

Production curve for each zone for at least one year. (If not available, attach explanation.)

For zones with no production history, estimated production rates and supporting data.

Data to support allocation method or formula.

Notification list of working, royalty and overriding royalty interests for uncommon interest cases.

Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools

List of all operators within the proposed Pre-Approved Pools

Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.

Bottomhole pressure data

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

SIGNATURE

TITLE REGULATORY TECH

DATE 08/17/2011

TYPE OR PRINT NAME HILLARI J GOULD

TELEPHONE NO. (432) 818-1926

E-MAIL ADDRESS HILLARI.GOULD@APACHECORP.COM



August 17, 2011

Mr. Will V. Jones
New Mexico Oil Conservation Division
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505-4225

RE: Application for Exception to Rule 303-C – Downhole Commingling
T. Anderson 5 - API 30-025-39900
Unit N, Section 8, T20S, R37E
Monument; Abo, Southeast (96764), Weir; Drinkard (63840) & Monument; Tubb
(47090)
Lea County, New Mexico

Dear Mr. Jones,

Enclosed please find form C-107A and attachments for downhole commingling the captioned well. The ownerships (WI, NRI and ORRI) of these pools are identical in this wellbore. The fluids from each of these pools are compatible as seen in other similar commingles in the area. Combining these fluids will not result in any damage to these pools. Commingling will improve the efficiency of present and future recovery operations. Cross flow will not be a problem due to having a production lift system capable of keeping the well pumped off thereby maximizing production. This commingling will not reduce the value of the total remaining production.

The allocation method used for this well was determined by analyzing the cumulative oil, gas and water production in a nine section area of review surrounding this well. Supporting documentation is shown on the attached spreadsheet. Production for active and inactive wells was grouped by pool in the area of review. The totals for each phase were then divided by the number of wells associated with this pool yielding an average. This average was used to determine the percentage allocation.

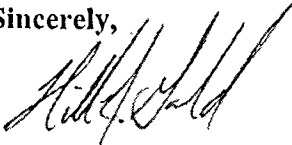
The main reason for using this method is based on economics and minimizing reservoir damage. Past completion practices had all three zones perforated and fracture stimulated during one full week. Each zone was isolated by a retrievable bridge plug to allow for production testing of each zone for allocation purposes. This testing period lasted as long as one month before a stabilized rate was observed thus allowing the next zone to be brought on and tested. During this time period the completion fluids used were still confined to the other reservoirs causing gel damage. It is a common practice to get these fluids out of the wellbore as soon as possible to help maximize productivity. On a cost basis it is more expensive to have a completion rig move in and out multiple times to bring on

each new zone. Several other factors such as weather, other new completions and regulatory well work may interfere with these new wells.

The area of review used encompasses what has been accepted as a good statistical representation for allocation purposes. By using this allocation method all zones will be brought online in a more effective and efficient manner. This will in turn generate a higher productive rate and quicker revenue streams not only for the operator but for the State of New Mexico too.

If you need additional information or have any questions, please give me a call at (432) 818-1926.

Sincerely,

A handwritten signature in black ink, appearing to read 'Hillari J. Gould', written over a horizontal line.

Hillari J. Gould
Regulatory Technician

T. Anderson 5
 API 30-025-39900
 Apache Corporation

Lease Name	Well Number	100DIGITAP	Location	Tubb	Drinkard	Abo	Tubb	Drinkard	Abo	Tubb	Drinkard	Abo
LAUGHLIN	4	3002535477	4J 20S 37E SW NW SE	108168			293620			35618		
J R PHILLIPS	16	3002535501	6F 20S 37E NE SE NW			5177			244913			169907
LAUGHLIN	5	3002535584	4H 20S 37E SE SE NE	18217			89887			104018		
LAUGHLIN	6	3002535676	4F 20S 37E SW SE NW	26129			73798			27692		
LAUGHLIN 5	1	3002535827	5P 20S 37E NE SE SE	34197			169167			102608		
LAUGHLIN 5	2	3002535862	5J 20S 37E SE NW SE	57006			614381			29251		
LAUGHLIN	8	3002535870	4M 20S 37E SE SW SW	29958			132954			19801		
LAUGHLIN	7	3002535891	4K 20S 37E SW NE SW	32468			128207			33628		
COOPER 4	3	3002535934	4E 20S 37E SW SW NW	2297			2101			1558		
LAUGHLIN	9	3002535958	4I 20S 37E SE NE SE	22761			51664			63512		
COOPER 5	9	3002535990	5 20S 37E SE NW NE	35616			122583			100449		
LAUGHLIN 5	3	3002536000	5I 20S 37E NW NE SE	81849			693214			109470		
LAUGHLIN 5	4	3002536023	5O 20S 37E N2 SW SE	71877			169723			24617		
COOPER 5	8	3002536045	5 20S 37E SW NE NE	87974			342674			347040		
BERTHA BARBER	21	3002536134	5 20S 37E SE NE NW	51330			622270			108286		
LAUGHLIN 8	1	3002536147	8A 20S 37E	45083		13929	233327		44908	18669		8516
LAUGHLIN	10	3002536181	4P 20S 37E NW SE SE	24811			74344			71152		
BERTIE WHITMIRE	11	3002536331	8B 20S 37E W2 NW NE	47758			177109			77669		
BERTHA BARBER 7	1	3002536472	7I 20S 37E NE NE SE			42655			705051			109216
COOPER 8	2	3002536529	8H 20S 37E SE NE	3307		39	16594			27301		1278
V LAUGHLIN	5	3002536675	9D 20S 37E	5425		31240	14260		99376	3488		15052
BARBER ADKINS 8	2	3002536717	8L 20S 37E SW NW SW			10863			78643			29677
APACHE STATE Q	8	3002537267	16P 20S 37E NE SE SE	25659	18084		193794	161752		24009	14151	
HANSEN STATE	11	3002539562	16A 20S 37E			17685			48098			44743
HANSEN STATE	12	3002539563	16H 20S 37E			1019			4871			3029
BERTHA BARBER	22	3002539564	6K 20S 37E	4137	1017		797	11899		41250	27634	
BERTHA BARBER	23	3002539565	5L 20S 37E	7671			22117			86167		
V LAUGHLIN	7	3002539587	9D 20S 37E NW NW NW			13000			30568			47391
HANSEN STATE	14	3002539635	16B 20S 37E NW NE			1346			9893			3096
V LAUGHLIN	8	3002539699	9C 20S 37E			2357			15857			2565
W H LAUGHLIN	12	3002539905	9E 20S 37E			3952			42550			787
W H LAUGHLIN	11	3002539909	9F 20S 37E			497			851			99
TOTALS				1,763,581	63,981	804,013	14,255,005	327,595	8,508,210	2,731,890	171,808	2,186,285
AVERAGES				30,940	9,140	22,334	245,776	46,799	236,339	47,102	24,544	62,465

Proposed Allocations	Oil	Gas	Water
Tubb	49%	46%	35%
Drinkard	15%	9%	18%
Abo	36%	45%	47%
TOTAL	100%	100%	100%

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 and Natural Resources Department

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-39900	Pool Code 47090	Pool Name Monument; TVBB
Property Code 302373	Property Name T. ANDERSON	Well Number 5
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3544'

Surface Location

UL or lot No. N	Section 8	Township 20-S	Range 37-E	Lot Idn	Feet from the 895	North/South line SOUTH	Feet from the 1835	East/West line WEST	County LEA
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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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Dedicated Acres 80	Joint or Infill	Consolidation Code	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

GEODETIC COORDINATES NAD 27 NME $Y=577348.3$ N $X=825762.9$ E LAT. = 32.582785° N LONG. = 103.275749° W LAT. = $32^{\circ}34'58''$ N LONG. = $103^{\circ}16'33''$ W 1835' 895'	OPERATOR CERTIFICATION I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>[Signature]</i> 8-17-11 Signature Date HILLARI J. GONZALES Printed Name 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 6/12/2010 Signature & Seal of Professional Surveyor <i>[Signature]</i> 10-11-0961 Certificate No. RONALD EIDSON 3239
---	--

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

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1301 W. GRAND AVENUE, ARTESIA, NM 88210

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1000 Rio Brazos Rd., Aztec, NM 87410

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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-39900	Pool Code 63840	Pool Name WALK; DRINKARD
Property Code 302373	Property Name T. ANDERSON	Well Number 5
GRID No. 873	Operator Name APACHE CORPORATION	Elevation 3544'

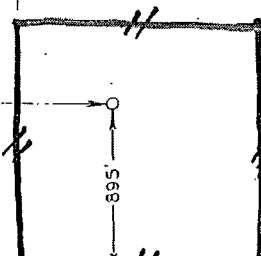
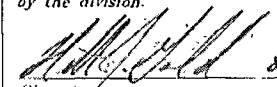
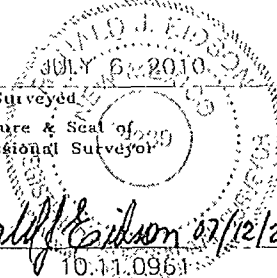
Surface Location

UL or lot No. N	Section 8	Township 20-S	Range 37-E	Lot Idn	Feet from the 895	North/South line SOUTH	Feet from the 1835	East/West line WEST	County LEA
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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
Dedicated Acres 40		Joint or Infill	Consolidation Code	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

GEODETIC COORDINATES NAD 27 NME Y=577348.3 N X=825762.9 E LAT.=32°58'27.85" N LONG.=103°27'57.49" W LAT.=32°34'58" N LONG.=103°16'35" W 	OPERATOR CERTIFICATION I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  8-12-11 Signature Date Michael J. Groulx Printed Name 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 & Seal of Professional Surveyor  07/12/2010 10.11.0963 Certificate No. RONALD EIDSON 3239
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State of New Mexico
Energy, Minerals and Natural Resources Department

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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-39900	Pool Code 96764	Pool Name MONUMENT, ABO, SOUTHEAST
Property Code 302373	Property Name T. ANDERSON	Well Number 5
GRID No. 873	Operator Name APACHE CORPORATION	Elevation 3544'

Surface Location

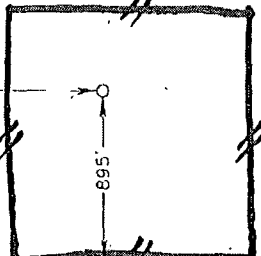
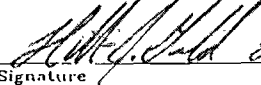
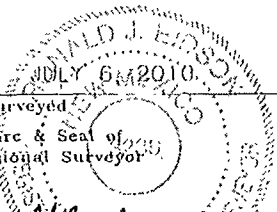
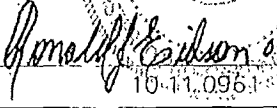
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	8	20-S	37-E		895	SOUTH	1835	WEST	LEA

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

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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GEODETIC COORDINATES NAD 27 NME Y=577348.3 N X=825762.9 E LAT.=32.582785' N LONG.=103.275749' W LAT.=32°34'58" N LONG.=103°16'33" W 	OPERATOR CERTIFICATION I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division  8-17-11 Signature Date Howard J. Gannon Printed Name 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 07/12/2010 LA Signature & Seal of Professional Surveyor  Certificate No. RONALD EIDSON 3239
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State of New Mexico
Energy, Minerals & Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised Feb. 26, 2007

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address APACHE CORPORATION 303 VETERANS AIRPARK LANE, SUITE 3000 MIDLAND, TEXAS 79705		² OGRID Number 873
⁴ API Number 30 - 0 25-39900		³ Reason for Filing Code/ Effective Date Downhole Commingle / 08/17/2011
⁵ Pool Name MONUMENT; TUBB	⁶ Pool Code 47090	
⁷ Property Code 302373	⁸ Property Name T ANDERSON	⁹ Well Number 005

II. ¹⁰ Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	8	20S	37E		895	SOUTH	1835	WEST	LEA

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 P	¹³ Producing Method Code P	¹⁴ Gas Connection Date 03/30/2011	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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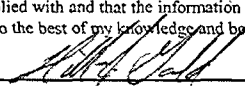
III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
24650	TARGA Midstream Services LP 100 Louisiana Suite 4700 Houston, TX 77000-5050	G
15694	Navajo Refining Co P/L Division PO Box 159 Artesia, NM 88211	O

IV. Well Completion Data

²¹ Spud Date 11/28/2010	²² Ready Date 03/30/2011	²³ TD 7704'	²⁴ PBDT 7205'	²⁵ Perforations 6946-7130'	²⁶ DHC, MC DHC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2	13-3/8	1209'	1010 SX CLASS C		
12-1/4	8-5/8	4825'	2100 SX CLASS C		
7-7/8	5-1/2	7704'	1200 SX CLASS C		
TUBING	2-7/8				

V. Well Test Data

³¹ Date New Oil 03/30/2011	³² Gas Delivery Date 03/30/2011	³³ Test Date 04/15/2011	³⁴ Test Length 24HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 74/152	³⁹ Water 4/12	⁴⁰ Gas 166/361		⁴¹ Test Method F
⁴² 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: 			OIL CONSERVATION DIVISION		
Printed name: HILLARI J. GOULD			Approved by:		
Title: REGULATORY TECH			Title:		
E-mail Address: HILLARI.GOULD@APACHECORP.COM			Approval Date:		
Date: 08/17/2011		Phone: (432) 818-1926			

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

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised Feb. 26, 2007

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address APACHE CORPORATION 303 VETERANS AIRPARK LANE, SUITE 3000 MIDLAND, TEXAS 79705		² OGRID Number 873
		³ Reason for Filing Code/ Effective Date Downhole Commingle / 08/17/2011
⁴ API Number 30 - 0 25-39900	⁵ Pool Name MONUMENT; ABO, SOUTHEAST	⁶ Pool Code 96764
⁷ Property Code 302373	⁸ Property Name T ANDERSON	⁹ Well Number 005

II. ¹⁰ Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	8	20S	37E		895	SOUTH	1835	WEST	LEA

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 P	¹³ Producing Method Code P	¹⁴ Gas Connection Date 03/30/2011	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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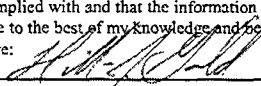
III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
24650	TARGA Midstream Services LP 100 Louisiana Suite 4700 Houston, TX 77000-5050	G
15694	Navajo Refining Co P/L Division PO Box 159 Artesia, NM 88211	O

IV. Well Completion Data

²¹ Spud Date 11/28/2010	²² Ready Date 03/30/2011	²³ TD 7704'	²⁴ PBDT 7205'	²⁵ Perforations 6946-7130'	²⁶ DHC, MC DHC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2	13-3/8	1209'	1010 SX CLASS C		
12-1/4	8-5/8	4825'	2100 SX CLASS C		
7-7/8	5-1/2	7704'	1200 SX CLASS C		
TUBING	2-7/8				

V. Well Test Data

³¹ Date New Oil 03/30/2011	³² Gas Delivery Date 03/30/2011	³³ Test Date 04/15/2011	³⁴ Test Length 24HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 53/152	³⁹ Water 6/12	⁴⁰ Gas 161/361		⁴¹ Test Method F
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⁷ Property Code 302373	⁸ Property Name T ANDERSON	⁹ Well Number 005

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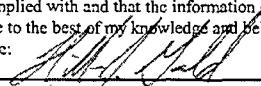
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