

DATE IN 1/28/13	SUSPENSE	ENGINEER WVS	LOGGED IN	TYPE PC	APP NO. PWJ 1303054536
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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 _____

APACHE CORP.
 WELLTESTS
 4 POOLS
 (V. LAUGHLIN LEASE)
 6 or 7 wells
 9/2003/37E/LEA

[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

(IDENTICAL)

[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.

REESA HOLLAND
 Print or Type Name

Reesa Holland
 Signature

SR STAFF REG TECH
 Title

1/23/2013
 Date

V LAUGHLIN LEASE

Reesa.Holland@apachecorp.com
 e-mail Address

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Wednesday, January 30, 2013 2:13 PM
To: reesa.holland@apachecorp.com
Cc: Ezeanyim, Richard, EMNRD
Subject: Surface Commingle application from Apache: V. Laughlin Lease

Hello Reesa,

Your Landman report says all depths are identically owned except for the G-SA which has different interests than all other depths because of the North Monument GSA Unit.

The well #4 is being proposed for completion in the Grayburg. Will this be the only well with different ownership than the others? Will this well be renamed as a North Monument GSA Unit well?

Your application said interest owners were notified by certified mailers, but I don't see proof of mailing – send certified receipt numbers and names/dates of mailing or copy of green cards.

Thank You,

William V. Jones, P.E.
505-476-3448W 505-476-3462F
Engineering Bureau, Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107-B
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 S. St Francis Drive
Santa Fe, New Mexico 87505

Submit the original
application to the Santa Fe
office with one copy to the
appropriate District Office.

APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)

OPERATOR NAME: Apache Corporation
OPERATOR ADDRESS: 303 Veterans Airpark Lane Midland TX 79705
APPLICATION TYPE: V LAUGHLIN LEASE

☒ Pool Commingling ☐ Lease Commingling ☐ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: ☒ Fee ☐ State ☐ Federal

Is this an Amendment to existing Order? ☐ Yes ☒ No If "Yes", please include the appropriate Order No. _____
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling
☐ Yes ☒ No

(A) POOL COMMINGLING

Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes
Eunice Monument; GB/SA (23000)					RC in progress
Weir; Blinebry (63780)					See
Monument; Tubb (47090)					Attached
Skaggs; Drinkard (57000)					Test Data

- (2) Are any wells producing at top allowables? ☐ Yes ☒ No
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No.
(4) Measurement type: ☐ Metering ☒ Other (Specify) WELL TESTS
(5) Will commingling decrease the value of production? ☐ Yes ☒ No If "yes", describe why commingling should be approved

(B) LEASE COMMINGLING

Please attach sheets with the following information

- (1) Pool Name and Code.
(2) Is all production from same source of supply? ☐ Yes ☐ No
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☐ Yes ☐ No
(4) Measurement type: ☐ Metering ☐ Other (Specify)

(C) POOL and LEASE COMMINGLING

Please attach sheets with the following information

- (1) Complete Sections A and E.

(D) OFF-LEASE STORAGE and MEASUREMENT

Please attach sheets with the following information

- (1) Is all production from same source of supply? ☐ Yes ☐ No
(2) Include proof of notice to all interest owners.

(E) ADDITIONAL INFORMATION (for all application types)

Please attach sheets with the following information

- (1) A schematic diagram of facility, including legal location.
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.
(3) Lease Names, Lease and Well Numbers, and API Numbers.

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

SIGNATURE: Reesa Holland TITLE: Sr Staff Regulatory Tech DATE: 1/23/2013

TYPE OR PRINT NAME REESA HOLLAND TELEPHONE NO.: 432-818-1062

E-MAIL ADDRESS: Reesa.Holland@apachecorp.com

APA NAME	API	WI	NRI	Property #	Producing Formation/pool (s)	OCD Status	Type	Lift	Orders	Comments	Battery	Gas Sales	
				31315401	Monument; Abo, southeast	Active	Prod	Sucker Rod	NONE	DHC-?		Targa	1102
					Skaggs; Drinkard	TA'D							
					Monument; Tubb	TA'D							
					Weir; Blinebry	TA'D							
					Monument; Paddock	TA'D							
LAUGHLIN, V #11	30-025-40148	100.00%	87.50%	31315401	Skaggs; glorietta, northwest	TA'D	Prod	Sucker Rod	NONE	Actually Producing Blinebry, Tubb, Drinkard			
LAUGHLIN, V #2-1	30-025-06035	100.00%	87.50%	31315401	Eumont; yates-7 rivers-queen (gas)	TA'D	Prod	TA'D	NONE			DCP	M0163
LAUGHLIN, V #4	30-025-21926	100.00%	87.50%	31315401	Eumont; yates-7 rivers-queen (gas)	TA'D	Prod	TA'D	NONE	Currently Squeezing Eumont, completing Grayburg	LOATED OUTSIDE THE WATER FLOOD		
					Eunice Monument, Grayburg-San Andres	new?							
LAUGHLIN, V #5H (ABO)	30-025-36675	100.00%	87.50%	31321801	Weir; Blinebry	new?	Prod	Sucker Rod	DHC-3299-0	DHC-Abo, Tubb; Abo only		Targa	1102
					Monument; Tubb	TA'D							
					Skaggs; Drinkard	PA'D							
					Monument; Abo, southeast	Active							
LAUGHLIN, V #8	30-025-39899	100.00%	87.50%	31315401	Skaggs; Drinkard	PA'D	Prod	Sucker Rod	NONE	Abo only	All wells to V Laughlin Battery tanks 2-500 bbl 6 x 20 htr	Targa	1102
					Monument; Tubb	PA'D							
					Weir; Blinebry	PA'D							
					Monument; Paddock	PA'D							
					Monument; Abo, southeast	Active							
LAUGHLIN, V #9 (ABO)	30-025-40147	100.00%	87.50%	31315401	Monument; Abo, southeast	Active	Prod	Sucker Rod	NONE	Abo only		Targa	1102
					Skaggs; Drinkard	TA'D							
					Monument; Tubb	TA'D							
					Weir; Blinebry	TA'D							
					Monument; Paddock	TA'D							
LAUGHLIN, V #7 (ABO)	30-025-39587	100.00%	87.50%	31315401	Skaggs; glorietta, northwest	TA'D	Prod	Sucker Rod	DHC-4322-0	DHC- Tubb, Drinkard, Abo		Targa	1102
					Monument; Paddock	TA'D							
					Skaggs; Drinkard	Active							
					Weir; Blinebry	TA'D							
					Monument; Abo, southeast	Active							
					Skaggs; glorietta, northwest	new?							
					Monument; Tubb	Active							

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

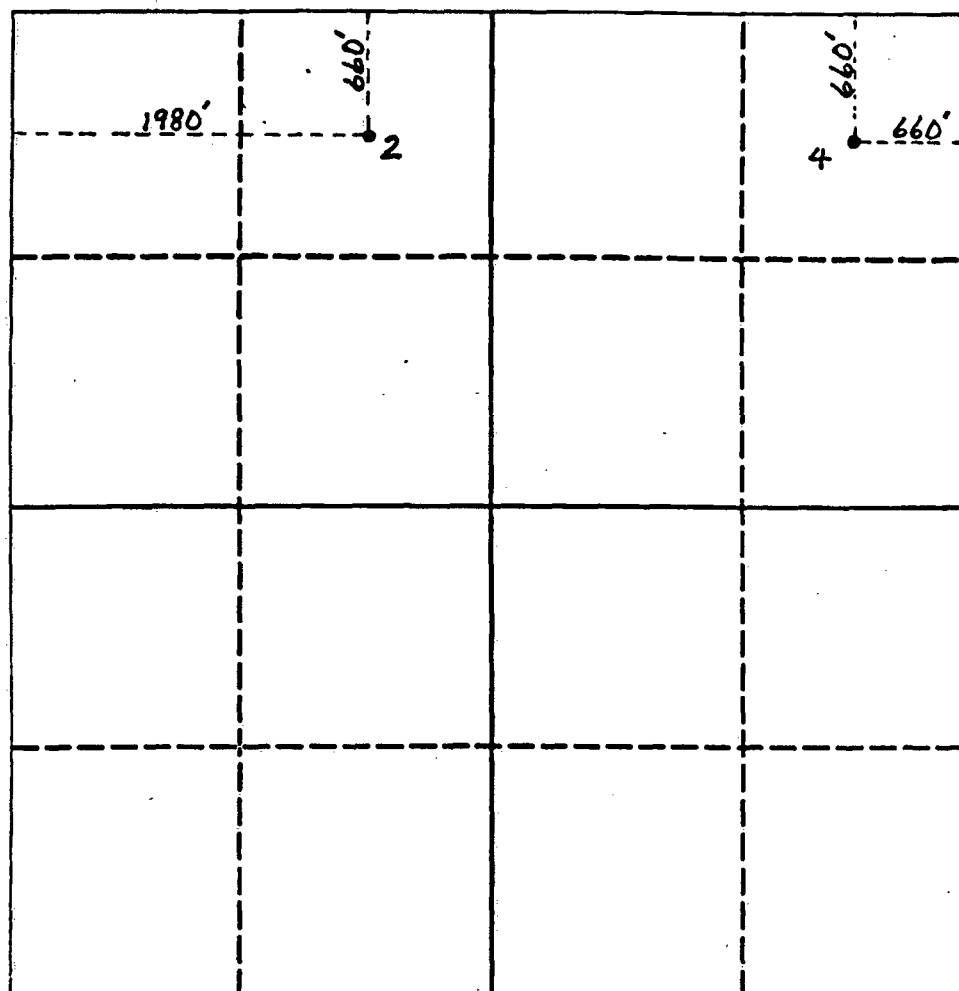
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section.

Operator Amerada Hess Corporation			Lease V. Laughlin		Well No. 2
Unit Letter C	Section 9	Township 20S	Range 37E	County Lea	
Actual Footage Location of Well: 660 feet from the North line and 1980 feet from the West line					
Ground level Elev. 3560'	Producing Formation Eumont Yates 7 RQ		Pool Eumont Prorated Gas		Dedicated Acreage: 160 Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation _____
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary).
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature

R. L. Wheeler, Jr.

Printed Name

R. L. Wheeler, Jr.

Position

Supv. Adm. Svc.

Company

Amerada Hess Corp.

Date

5-20-92

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 knowledge and belief.

Date Surveyed

Signature & Seal of
Professional Surveyor

Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

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

* API Number 30-025-21926		* Pool Code 23000	* Pool Name Eunice Monument; Grayburg-San Andres
* Property Code 302374	* Property Name V Laughlin		* Well Number 004
* OGRID No. 873	* Operator Name Apache Corporation: 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705		* Elevation 3553'

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
A	09	20S	37E		660	North	660	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
" 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.

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 undivided 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> 12/21/2012 Signature Date Fatima Vasquez 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	

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

State of New Mexico
Energy Minerals and Natural Resources

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

HOBBS OCD

DEC 27 2012

Form C-101
June 16, 2008

Submit to appropriate District Office

RECEIVED AMENDED REPORT

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

¹ Operator Name and Address Apache Corp., 303 Veterans Airpark Ste. 3000, Midland, TX 79705		⁴ OGRID Number 873
		³ API Number 30 - 025-21926
² Property Code 302374	⁵ Property Name V Laughlin	⁶ Well No. 004
⁹ Proposed Pool 1 Eunice Monument; Grayburg-San Andres		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot 1dn	Feet from the	North/South line	Feet from the	East/West line	County
A	09	20S	37E		660	North	660	East	Lea

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1dn	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 G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3553'
¹⁶ Multiple N	¹⁷ Proposed Depth 3846'	¹⁸ Formation Grayburg	¹⁹ Contractor	²⁰ Spud Date 11/14/1966

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	9-5/8" & 10-3/4"	25.6# & 40.5#	1208'	600 sacks	
8-3/4"	5-1/2"	15.5# & 17#	6807'	1100 sacks	

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.

Apache would like to drill out all plugs, squeeze the Queen and Penrose, perforate, and acid stimulate the Grayburg as per the attached procedure.

Permit Expires 2 Years From Approval
Date Unless Drilling Underway

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

Signature: 

Printed name: Fatima Vasquez

Title: Regulatory Tech I

E-mail Address: Fatima.Vasquez@apachecorp.com

Date: 12/21/2012

Phone: (432) 818-1015

OIL CONSERVATION DIVISION

Approved by:

Title:

Petroleum Engineer

Approval Date:

01/03/12

Expiration Date:

Conditions of Approval Attached ☐

JAN. 18 2013

V. Laughlin #4
API # 30-025-21926
Sec 9, T20S, R37E
Elevation: 3554' KB, 3542' GL
TD: 6,809'
PBTD: 3,156'
Casing Record: 9-5/8" 25# @ 1208' w/ 600 sxs
5-1/2" 15.5# & 17# @ 6807' w/ 1100 sxs

Perfs: Queen: 3,206'-3,446' (374 holes) (Temporary Abandoned w/ CIBP @ 3,156')
Penrose: 3,471'-3,497' (56 holes) (Temporary Abandoned w/ CIBP @ 3,465')
Tubb: 6,420'-6,491' (13 holes) (Abandoned w/ CIBP @ 3,700' & 6,380')
Tubb: 6,532'-6,678' (13 holes)

Objective: Drill out all plugs, squeeze the Queen and Penrose, perforate, and acid stimulate the Grayburg.

AFE: PA-13-3024

1. MIRU unit. Check pressure on well.
2. ND WH. NU BOP. PU and RIH w/ 3-7/8" bit, bit sub, and drill collars on 2-7/8" J-55 tubing to be used as work string to CIBP @ 3,156'. RU reverse unit and break circulation. Drill out CIBP or push to next plug at \pm 3,465'. POOH.
3. RIH w/ CICR on WS and set at \pm 3,150'. Sting into CICR.
4. MIRU cement Service Company. Establish injection rate into perforations. Pump cement as dictated by injection rate. Hesitate squeeze perforations per Monument office recommendations. Displace to bottom perf with 18 bbls of flush.
5. Sting out of CICR and POOH w/ WS.
6. PU and RIH w/ 3-7/8" bit, bit sub and drill collars on WS. Tag CICR. RU reverse unit and break circulation. Drill out CICR and cement to 3,465'. Test casing squeeze to 500 psi. *If squeeze does not test, repeat step 3-6.*
7. Continue to drill out CIBP at 3,465'. Continue in hole and clean well out to CIBP @ \pm 3,681'. POOH.
8. RIH w/ CICR on WS and set at \pm 3,465'. Sting into CICR.
9. MIRU cement Service Company. Establish injection rate into perforations. Pump cement as dictated by injection rate. Hesitate squeeze perforations per Monument office recommendations. Displace to bottom perf with 20 bbls of flush.
10. Sting out of CICR and POOH w/ WS.
11. PU and RIH w/ 3-7/8" bit, bit sub and drill collars on WS. Tag CICR. RU reverse unit and break circulation. Drill out CICR and cement to 3,681'. Test casing squeeze to 500 psi. *If squeeze does not test, repeat step 8-11.*
12. Continue to drill out CIBP and cement at 3,700'. Continue in hole and clean well out to cement @ \pm 6,350'. Circulate hole clean. Test casing to 500 psi. POOH.
13. MIRU WL. TIH w/ perforating guns and perforate the Grayburg from 3,708'-3,780' (72') and 3,796'-3,846' (50') w/ 2 jsfp using Connex 0.5" diameter BH charges (244 holes).

14. TOH w/ perforating guns. RDMO wire-line
15. RIH w/ SN and packer on 2-7/8" WS. Spot 200 gallons of 15% acid across new perforations. TOH and set PKR just above new perforations at \pm 3,658'. Test backside to 500 psi.
16. MIRU acid services. Acidize the Grayburg (3,708-3,846) with 6000 gallons 15% NEFE HCL w/ additives using 350 ball sealers to divert evenly spaced through the job at a max rate. Max treating pressure not to exceed 6000 psi at surface. *Maintain treating pressure between 2000-3000 psi as directed by Monument team to stay below frac pressure and most effectively treat the well.* Displace to bottom perf with 22 BBLS of flush. Surge balls.
17. Release PKR and TIH to knock balls off perforations. TOH and set PKR at 3,658'.
18. RU swab equipment and recover load and swab test for fluid entry and oil cut. Report results to Midland. RD swab equipment. *If unproductive, SI for future evaluation or plugging*
19. Kill well if necessary. Release PKR and TOH.
20. RIH w/ production tubing and rods as per the Monument office specifications.
21. RDMOPU. Set pumping unit, install electric and automation and return well to production and place into test for 10 days.

GL=3542'
KB=3554'
Spud: 11/14/66

Apache Corporation – V. Laughlin #4

Wellbore Diagram – Proposed Status

Date : 12/19/2012 R.
Taylor

API: 30-025-21926

Surface Location



660' FNL & 660' FEL, Unit
Sec 9, T20S, R37E, Lea County, NM

Surface Casing

9-5/8" 25# @ 1208' w/ 600 sx to surface

TOC @ 2421'

TAC @ TBD

SN @ TBD

1/06: CIBP @ 3156'. Well TA'D

TBD: Drilled out plug

12/97: Perf Queen @ 3206-34; 3323-48; 3384-3402; 3424-46 w/ 4 jspf (374 holes).
Frac'd w/ 83.8k gal CO2 linear foam gel w/ 200 tons CO2 & 250k# 12/20 brady.
TBD: SQZ'd w/ XX sxs cement.

12/97: CIBP @ 3465'

TBD: Drilled out plug

4/76: Perf Eumont @ 3471; 80; 82; 85; 88; 93; 97; 3501; 04; 20; 25; 27; 32; 34; 39;
50; 52; 58; 60; 66; 68; 70; 73; 75; 82; 93; 95; 97 w/ 2 jspf (56 holes). Acidized w/
4000 gals.

9/76: acidized w/ 3000 gal 15% HCL

3/77: Foam frac'd w/ 13,500 gal 70Q foam w/ 20k# 20/40 snd.

TBD: SQZ'd w/ XX sxs cement.

4/76: CIBP @ 3700' w/ 10' cmt on top. TOC 3681'

TBD: Drilled out plug.

TBD: Perf Grayburg @ 3708-3780; 3796-3846 w/ 2 jspf (244 holes).

Acidized w/ 6000 gallons 15% NEFE HCL

4/76: CIBP @ 6380' w/ 50' cmt on top

12/66: Perf Tubb @ 6420; 22; 30; 36; 39; 46; 50; 54; 70; 80; 84; 91 w/
1 jspf (12 holes). Acidized w/ 1500 gals 15% NEFE. Frac w/ 38k gal
water and 25k# snd.

12/66: Perf Tubb @ 6532; 55; 60; 66; 89; 6606; 22; 32; 40; 54; 62; 70;
78 w/ 1 jspf (13 holes). Acidized w/ 1500 gals 15% NEFE. Frac w/
16.8k gal water and 8.8k# snd.

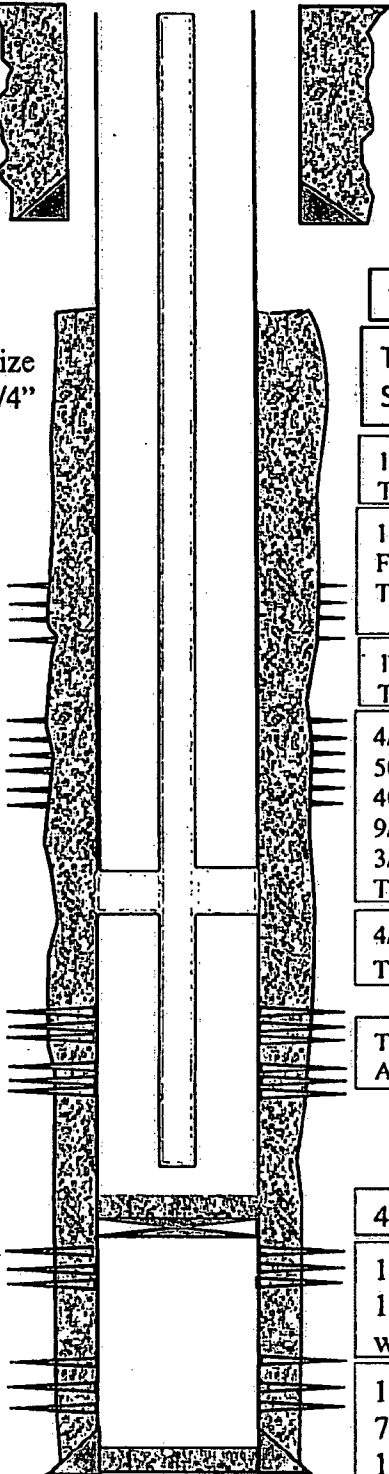
Production Casing

5-1/2" 15.5# & 17# @ 6807' w/ 1100 sxs to surface

PBTD = 6743'
TD = 6809'

Hole Size
=12 1/4"

Hole Size
=8-3/4"



**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator Amerada Hess Corporation			Lessee V. Laughlin		Well No. 4
Unit Letter A	Section 9	Township 20S	Range 37E	County Lea	
Actual Footage Location of Well: 660 feet from the North line and 660 feet from the East line					
Ground Level Elev.	Producing Formation Eumont Queen		Pool Eumont	Dedicated Acreage: 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

1	2	3	4
AHC V. Laughlin			
9			

CERTIFICATION

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

Name *John W. Pitzer*
Position
Asst. Superintendent

Company
Amerada Hess Corporation

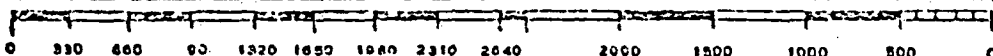
Date
April 27, 1976

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 knowledge and belief.

Date Surveyed _____

Registered Professional Engineer and/or Land Surveyor

Certificate No. _____



RECEIVED

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

FEB 23 2011

HOBBSDO

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 July 16, 2010

Submit one copy to appropriate
District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-025-36675	Pool Code 47090	Pool Name MONUMENT; TUBB
Property Code 302374	Property Name V LAUGHLIN	Well Number 5H
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3556'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	9	20 S	37 E		330	NORTH	1980	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
D	9	20 S	37 E		1000	NORTH	351	WEST	LEA

Dedicated Acres 80	Joint or Infill	Consolidation Code	Order No. DHC-3299
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NO ALLOWANCE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>N: 581830.4560 N: 581768.5120 E: 870350.1450 E: 829157.5510 NAD 83</p> <p>330' 1980' 330' 1761.3'</p> <p>V LAUGHLIN #7</p> <p>SL</p> <p>V LAUGHLIN #5H</p> <p>BN</p> <p>SURFACE LOCATION Lat - N 32°35'38.50" Long - W 103°15'30.96" NAD 83 NMSPC- N 581509.757 E 872334.065 (NAD-83)</p> <p>BOTTOM HOLE LOCATION Lat - N 32°35'32.15" Long - W 103°15'50.14" NMSPC- N 580852.292 E 870700.103 (NAD-83)</p> <p>BOTTOM HOLE LOCATION Lat - N 32°35'31.71" Long - W 103°15'48.42" NMSPC- N 580790.355 E 829517.566 (NAD-27)</p> <p>N: 579182.8150 E: 870377.0640 NAD 83 N: 579120.8780 E: 829194.4550 NAD 27</p>	<p>N: 581844.2990 E: 872983.7590 NAD 83 N: 581782.3520 E: 831833.2270 NAD 27</p> <p>SURFACE LOCATION Lat - N 32°35'38.05" Long - W 103°15'29.24" NMSPC- N 581447.841 E 831151.522 (NAD-27)</p> <p>N: 576552.2000 E: 873041.6060 NAD 83 N: 576494.2990 E: 831853.7140 NAD 27</p>	<p>N: 581865.6910 E: 876621.5290 NAD 83 N: 581803.8650 E: 834438.9560 NAD 27</p> <p>N: 579222.4500 E: 875652.1920 NAD 83 N: 579160.8250 E: 834459.4850 NAD 27</p> <p>N: 576573.6200 E: 875679.4370 NAD 83 N: 576511.7950 E: 834486.0130 NAD 27</p>	<p>OPERATOR CERTIFICATION 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 released 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 this division.</p> <p><i>Reesa Holland</i> 2/22/11 Signature Date REESEA HOLLAND Printed Name Reesa.Holland@apachecorp.com Email Address</p> <p>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.</p> <p>Date Surveyed Signature & Seal of Professional Surveyor <i>Gary L. Jones</i> Certificate No. Gary L. Jones 7977 BASIN SURVEYS 23260</p>
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DISTRICT I
1625 N. French Dr., Hobbs, NM 88201

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

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Energy, Minerals and Natural Resources Department

CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised July 18, 2010

Submit one copy to appropriate
District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-36675	Pool Code 96764	Pool Name MONUMENT, ABO, SOUTHEAST
Property Code 302374	Property Name V LAUGHLIN	Well Number 5
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3556'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	9	20 S	37 E		330	NORTH	1980	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
D	9	20 S	37 E		980	NORTH	340	WEST	LEA

Dedicated Acres 80	Joint or Infill	Consolidation Code	Order No. DHC-3299
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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

<p>N: 581830.4560 E: 670350.1450 NAD 83</p> <p>N: 581788.5120 E: 629187.8610 NAD 27</p> <p>1980'</p> <p>1761.3'</p> <p>BH</p>	<p>N: 581844.2980 E: 672885.7680 NAD 83</p> <p>N: 581782.3520 E: 631803.2270 NAD 27</p> <p>SURFACE LOCATION Lot - N 32°35'38.50" Long - W 103°15'30.96" NMSPCE - N 581509.757 E 872334.065 (NAD-83)</p>	<p>N: 581865.6910 E: 675821.5290 NAD 83</p> <p>N: 581803.8650 E: 634438.9590 NAD 27</p>	<p>OPERATOR CERTIFICATION 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.</p> <p><i>Reesa Holland</i> 2/22/11 Signature Date</p> <p>REESEA HOLLAND Printed Name</p> <p><i>Reesa.Holland@apachecorp.com</i> Email Address</p>
<p>BOTTOM HOLE LOCATION Lot - N 32°35'32.15" Long - W 103°15'50.14" NMSPCE - N 580852.292 E 870700.103 (NAD-83)</p> <p>BOTTOM HOLE LOCATION Lot - N 32°35'31.71" Long - W 103°15'48.42" NMSPCE - N 580790.355 E 829517.566 (NAD-27)</p> <p>N: 679182.6160 E: 670377.0640 NAD 83</p> <p>N: 679120.6780 E: 629194.4560 NAD 27</p>	<p>SURFACE LOCATION Lot - N 32°05'38.05" Long - W 103°15'29.24" NMSPCE - N 581447.841 E 831151.522 (NAD-27)</p> <p>N: 676558.2000 E: 673041.5060 NAD 83</p> <p>N: 678404.2800 E: 631858.7140 NAD 27</p>	<p>N: 678222.4500 E: 675852.1820 NAD 83</p> <p>N: 679160.6250 E: 634409.4850 NAD 27</p>	<p>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.</p> <p>Date Surveyed Signature & Seal of Professional Surveyor 7977</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS 23260</p>

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

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

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

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1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico

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Form C-102

Revised October 12, 2005

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OIL CONSERVATION DIVISION
FEB 07 2012 220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-39587	Pool Code 4709D	Pool Name Monument; Tubo
Property Code 302374	Property Name V. LAUGHLIN	Well Number D07
OGRI No. 873	Operator Name APACHE CORPORATION	Elevation 3558'

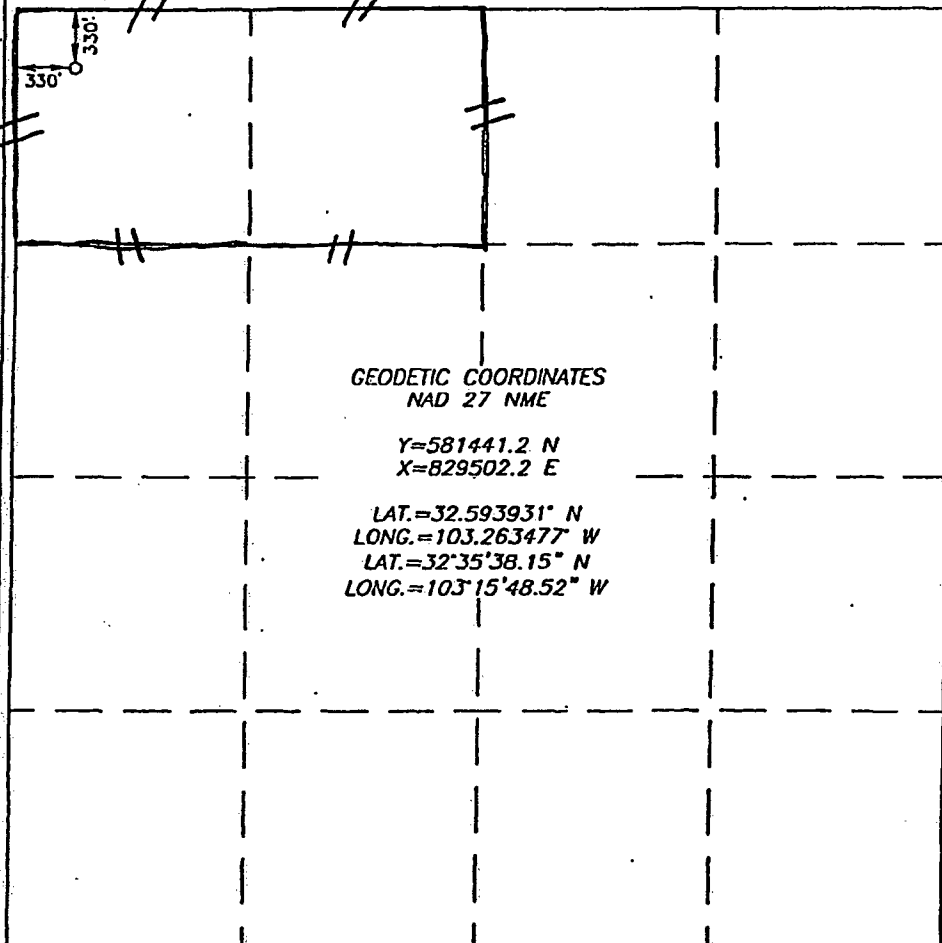
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	9	20-S	37-E		330	NORTH	330	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 80:0		Joint or Infill	Consolidation Code	Order No. DHC 4322					

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

 <p>GEODETIC COORDINATES NAD 27 NME Y=581441.2 N X=829502.2 E LAT.=32.593931° N LONG.=103.263477° W LAT.=32°35'38.15" N LONG.=103°15'48.52" W</p>	<p>OPERATOR CERTIFICATION</p> <p>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.</p> <p><i>Bert Hatfield</i> Signature Bert Hatfield Printed Name Date 2-6-12</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>RONALD EIDSON NEW MEXICO NOVEMBER 4, 2009</p> <p>Date Surveyed 3-2-09 REV: 12-7-09 Signature & Seal of Professional Surveyor <i>Ronald Eidson</i> 12-07-09 09.11.0984</p> <p>Certificate No. RONALD EIDSON 3239</p>

DISTRICT I

1625 N. FRANCH DR., ROBERTS, NM 87505

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State of New Mexico

Energy, Minerals and Natural Resources Department

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DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION

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Santa Fe, New Mexico 87505

DISTRICT III

1000 Rio Brazos Rd., Artec, NM 87410

DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

RECEIVED WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-31587	Pool Code 57000	Pool Name Skaggs, Drinkard
Property Code 302374	Property Name V. LAUGHLIN	Well Number 7
GRID No. 873	Operator Name APACHE CORPORATION	Elevation 3558'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	9	20-S	37-E		330	NORTH	330	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 40.0	Joint or Infill	Consolidation Code	Order No.	DHC 4322					

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

<p>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=581441.2 N X=829502.2 E</p> <p>LAT.=32.593931° N LONG.=103.263477° W LAT.=32°35'38.15" N LONG.=103°15'48.52" W</p>	<p>OPERATOR CERTIFICATION</p> <p>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.</p> <p><i>[Signature]</i> Signature Date 2-6-12 Printed Name Devittfield</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>RONALD EIDSON NOVEMBER 4, 2009</p> <p>Date Surveyed 3-19-09 REV: 12-7-09 Signature & Seal of Professional Surveyor <i>[Signature]</i> 09.11.0984</p> <p>Certificate No. RONALD EIDSON 3239</p>

DISTRICT I
1625 N. FRENCH DR., HOBBBS, NM 86240

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 86210

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

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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-39581	Pool Code 910164	Pool Name monument; Abo, Southeast
Property Code 302314	Property Name V. LAUGHLIN	Well Number 007
OGRID No. 813	Operator Name APACHE CORPORATION	Elevation 3558'

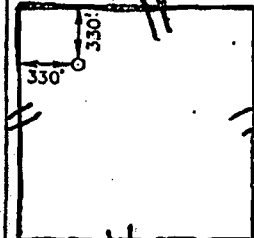
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	9	20-S	37-E		330	NORTH	330	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 40.0	Joint or Infill	Consolidation Code	Order No. DHC 4322						

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

	<p>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=581441.2 N X=829502.2 E</p> <p>LAT.=32.593931° N LONG.=103.263477° W LAT.=32°35'38.15" N LONG.=103°15'48.52" W</p>	<p>OPERATOR CERTIFICATION</p> <p>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 undivided 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.</p> <p><i>Bev Hatfield</i> 2-6-12 Signature Date Bev Hatfield Printed Name</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>RONALD EIDSON NEW MEXICO NOVEMBER 4, 2009</p> <p>Date Surveyed 3/26/09 REV: 12/7/09 Signature & Seal of Professional Surveyor <i>Ronald Eidson</i> 12-07-09 09.11.0984 Certificate No. RONALD EIDSON 3239</p>
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DISTRICT I
1625 N. FRENCH DR., HOBBBS, NM 88240

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Energy, Minerals and Natural Resources Department

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DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

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DISTRICT III
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DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-39899	Pool Code 96764	Pool Name MONUMENT; ABO, SOUTHEAST
Property Code 302374	Property Name V. LAUGHLIN	Well Number 8
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3550'

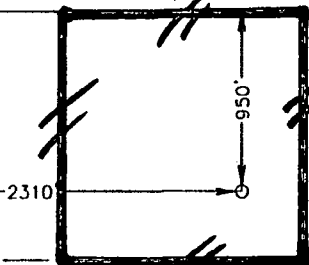
Surface Location

UL or lot No. C	Section 9	Township 20-S	Range 37-E	Lot Idn	Feet from the 950	North/South line NORTH	Feet from the 2310	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

	<p>OPERATOR CERTIFICATION</p> <p>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.</p> <p><u>Reesa Holland</u> 2/3/11 Signature Date</p> <p><u>REESA HOLLAND</u> Printed Name</p>
<p>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=580831.7 N X=831488.2 E</p> <p>LAT.=32.592201° N LONG.=103.257050° W LAT.=32°35'32" N LONG.=103°15'25" W</p>	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>AUGUST 2010 Date Surveyed Signature & Seal of Professional Surveyor <u>Ronald E. Eidson</u> 8/26/2010 Certificate No. 3239</p>

HOBBS OCD

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

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OIL CONSERVATION DIVISION

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 3002540147	Pool Code 96764	Pool Name Monument; ABD, Southeast
Property Code 302374	Property Name V. LAUGHLIN	Well Number 009
GRID No. 873	Operator Name APACHE CORPORATION	Elevation 3553'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	9	20 S	37 E		990	NORTH	940	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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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

	OPERATOR CERTIFICATION 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. Signature: <i>Bev Hatfield</i> Date: _____ Printed Name: <i>Bev Hatfield</i> Email Address: <i>beverly.hatfield@apachecorp.com</i>
	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: Certificate No. Gary L. Jones 7977 BASIN SURVEYS 24673

SEP 13 2011

HOBBS OGD

MAY 25 2011

DISTRICT I

1625 N. French Dr., Hobbs, NM 88240

DISTRICT II

1301 W. Grand Avenue, Artesia, NM 88210

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DISTRICT IV

1220 S. St. Francis Dr., Santa Fe, NM 87503

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Santa Fe, New Mexico 87505Form C-102
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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-40148	Pool Code 63780	Pool Name Weir ; Blinebry
Property Code 302374	Property Name V. LAUGHLIN	Well Number 11
GRID No. 873	Operator Name APACHE CORPORATION	Elevation 3553'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	9	20 S	37 E		330	NORTH	2220	EAST	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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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

<p>SURFACE LOCATION Lat - N 32°35'38.47" Long - W 103°15'18.45" NMSPCE- N 581517.446 E 873403.824 (NAD-83)</p> <p>SURFACE LOCATION Lat - N 32°35'38.02" Long - W 103°15'18.74" NMSPCE- N 581455.545 E 832221.258 (NAD-27)</p>		<p>OPERATOR CERTIFICATION 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.</p> <p>Sorina L. Flores 5/23/11 Signature Date</p> <p>Sorina L. Flores Printed Name</p> <p>sorina.flores@apachecorp.com Email Address</p>
<p>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.</p>		<p>GARY L. JONES Date Surveyed Signature & Seal of Professional Surveyor</p> <p>W.O. 24672</p>
		<p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS 24672</p>

JUN 06 2011

DISTRICT I
1415 N. French Dr., Hobbs, NM 88240

DISTRICT II
1231 W. Grand Avenue, Artesia, NM 88210

DISTRICT III
1600 Rio Derosa Rd., Aztec, NM 87410

DISTRICT IV
1120 S. St. Francis Dr., Santa Fe, NM 87505

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Energy, Minerals and Natural Resources Department

Form O-102
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OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-40148	Pool Code 63780	Pool Name Weir; Blinebry
Property Code 302374	Property Name V. LAUGHLIN	Well Number 011
OCRID No. 873	Operator Name APACHE CORPORATION	Elevation 3553'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	9	20 S	37 E		330	NORTH	2220	EAST	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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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

<p>SURFACE LOCATION Lot - N 32°35'38.42" Long - W 103°15'18.45" NUSPCC - N 581517.446 E 873403.024 (HAD-83)</p> <p>SURFACE LOCATION Lot - N 32°35'38.02" Long - W 103°15'18.74" NUSPCC - N 581455.545 E 832221.258 (HAD-27)</p>	<p>OPERATOR CERTIFICATION</p> <p>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.</p> <p>Signature <i>Beverly Hatfield</i> Date 7-14-11</p> <p>Printed Name Beverly Hatfield</p> <p>Email Address bhatfield@apache.com</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>Date Surveyed 7-14-11</p> <p>Signature & Seal of Professional Surveyor <i>[Signature]</i></p> <p>Certificate No. Gary L. Jones 7977</p> <p>DASH SURVEYS 24672</p>
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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

HOBBS OCO

MAY 25 2011

OIL CONSERVATION DIVISION

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-40148	Pool Code 47090	Pool Name Monument; Tubb
Property Code 302374	Property Name V. LAUGHLIN	Well Number 11
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3553'

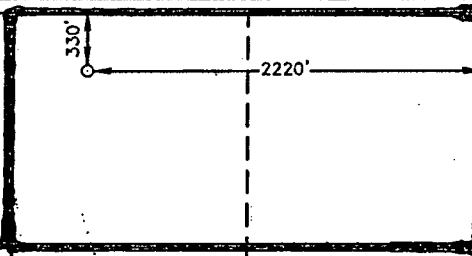
Surface Location

UL or lot No. B	Section 9	Township 20 S	Range 37 E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 2220	East/West line EAST	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 80	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

<p>SURFACE LOCATION Lat - N 32°35'38.47" Long - W 103°15'18.45" NMSPC - E 873403.824 (NAD-83)</p> <p>SURFACE LOCATION Lat - N 32°35'38.02" Long - W 103°15'18.74" NMSPC - E 832221.258 (NAD-27)</p>		<p>OPERATOR CERTIFICATION 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.</p> <p><i>Sorina L. Flores</i> 5/23/11 Signature Date Sorina L. Flores Printed Name sorina.flores@apachecorp.com Email Address</p> <p>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.</p> <p>GARY L. JONES Date Surveyed Signature & Seal of Professional Surveyor W. J. Jones, L.L.S. Surveyor</p> <p>Certificate No. Gary L. Jones 7977 BASIN SURVEYS 24672</p>
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JUN 06 2011

DISTRICT I
1415 N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III
1000 Rio Breros Rd., Aztec, NM 87410

DISTRICT IV
1120 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form O-102
Revised July 10, 2010

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-40148	Pool Code 47090	Pool Name Monument; Tubb
Property Code 302374	Property Name V. LAUGHLIN	Well Number 011
GRID No. 873	Operator Name APACHE CORPORATION	Elevation 3553'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	9	20 S	37 E		330	NORTH	2220	EAST	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 80	Joint or Infill	Consolidation Code	Order No.
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<p>SURFACE LOCATION Lat - N 32°35'38.47" Long - W 103°15'10.45" NADSPCC - E 873403.824 (NAD-83)</p> <p>SURFACE LOCATION Lat - N 32°35'38.02" Long - W 103°15'10.74" NADSPCC - E 873455.545 (NAD-83)</p>		<p>OPERATOR CERTIFICATION</p> <p>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 geologic interest, or as a voluntary pooling agreement or a compulsory pooling order applicable to the location.</p> <p>Signature: <i>Beverly Hatfield</i> Date: <i>7-14-11</i></p> <p>Printed Name: <i>Beverly Hatfield</i></p> <p>Email Address: <i>beverly.hatfield@apachecorp.com</i></p>
		<p>SURVEYOR CERTIFICATION</p> <p>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.</p>
		<p>Date Surveyed: <i>7-14-11</i></p> <p>Signature: <i>Gary L. Jones</i></p> <p>Professional Surveyor: <i>Gary L. Jones</i></p>
		<p>Certificate No. <i>Gary L. Jones 7977</i></p> <p>BASIN SURVEYS 24672</p>

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

HOBBS OCD

MAY 25 2011

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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 July 16, 2010

Submit one copy to appropriate
District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-40148	Pool Code 57000	Pool Name Skaggs; Drinkard
Property Code 302374	Property Name V. LAUGHLIN	Well Number 11
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3553'

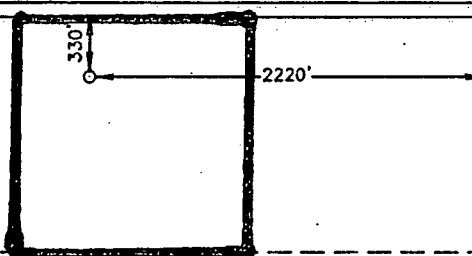
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	9	20 S	37 E		330	NORTH	2220	EAST	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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JUN 06 2011

DISTRICT I
1525 H. French Dr., Hobbs, NM 88240

DISTRICT II
1351 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 O-102
Revised July 10, 2010

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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-40148	Pool Code 57000	Pool Name SKaggs; Drinkard
Property Code 302374	Property Name V. LAUGHLIN	Well Number 011
GRID No. 873	Operator Name APACHE CORPORATION	Elevation 3553'

Surface Location

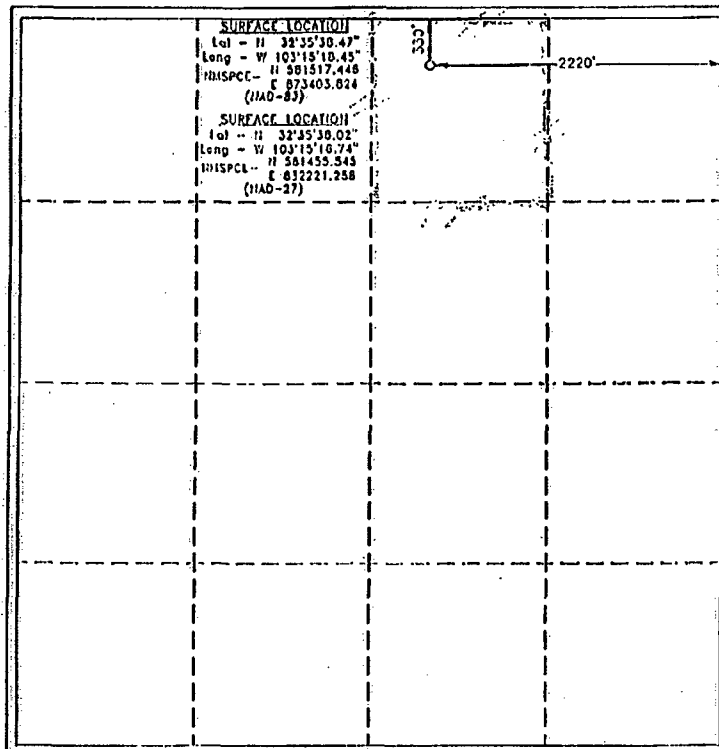
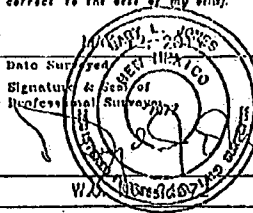
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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Not to scale

North Monument Grayburg San Andres Unit

5

4

3

**V. Laughlin Lease
N/2N/2 Section 9**

8

9

10

17

16

15

20S 37E



Well Test History Report

Page 1 of 5
1/23/2013 4:11:55 pm

Select By: Field

Display: All well tests between 11/19/2011 - 01/21/2013

Test Date	Effective Date	Measured Hours	Type	24 Hour Volumes					Ratios					Fluid Level
				Gr Liquid	OIL	GAS	WAT	LIFT	GOR	GLR	IGOR	IGLR	TGLR	
Field: MONUMENT														
LAUGHLIN, V #11														
11/20/2011	11/20/2011	24	A	180	0	0	180	0		0		0	0	
11/21/2011	11/21/2011	24	A	210	0	0	210	0		0		0	0	
11/22/2011	11/22/2011	24	A	217	0	0	217	0		0		0	0	
11/23/2011	11/23/2011	24	A	199	0	3	199	0		15		0	15	
11/24/2011	11/24/2011	24	A	213	0	10	213	0		47		0	47	
11/25/2011	11/25/2011	24	A	193	0	9	193	0		47		0	47	
11/26/2011	11/26/2011	24	A	193	0	11	193	0		57		0	57	
11/27/2011	11/27/2011	24	A	191	0	10	191	0		52		0	52	
11/28/2011	11/28/2011	24	A	202	5	21	197	0	4,200	104	0	0	104	
11/29/2011	11/29/2011	24	A	180	17	24	163	0	1,412	133	0	0	133	
12/1/2011	12/1/2011	24	A	65	1	1	64	0	1,000	15	0	0	15	
12/2/2011	12/2/2011	24	A	267	27	21	240	0	778	79	0	0	79	
12/3/2011	12/3/2011	24	A	241	28	43	213	0	1,536	178	0	0	178	
12/4/2011	12/4/2011	24	A	259	19	47	240	0	2,474	181	0	0	181	
12/12/2011	12/12/2011	24	A	259	19	47	240	0	2,474	181	0	0	181	
1/25/2012	1/25/2012	24	A	279	21	79	258	0	3,762	283	0	0	283	
2/21/2012	2/21/2012	24	A	257	16	85	241	0	5,313	331	0	0	331	
3/31/2012	3/31/2012	24	A	259	18	129	241	0	7,167	498	0	0	498	
4/29/2012	4/29/2012	24	A	234	14	141	220	0	10,071	603	0	0	603	
5/26/2012	5/26/2012	24	A	260	20	144	240	0	7,200	554	0	0	554	
6/28/2012	6/28/2012	24	A	250	20	140	230	0	7,000	560	0	0	560	
7/25/2012	7/25/2012	24	A	103	12	110	91	0	9,167	1,068	0	0	1,068	
8/31/2012	8/31/2012	24	A	210	10	130	200	0	13,000	619	0	0	619	
9/27/2012	9/27/2012	24	A	207	9	131	198	0	14,556	633	0	0	633	
10/30/2012	10/30/2012	24	A	199	9	124	190	0	13,778	623	0	0	623	
11/27/2012	11/27/2012	24	A	205	10	120	195	0	12,000	585	0	0	585	
12/27/2012	12/27/2012	24	A	189	9	123	180	0	13,667	651	0	0	651	
Averages by Completion				212	11	63	201	0						
LAUGHLIN, V #2-1 (TA'D)														
12/12/2011	12/12/2011	24	A	0	0	0	0	0						
1/25/2012	1/25/2012	24	A	0	0	1	0	0						
2/20/2012	2/20/2012	24	A	0	0	0	0	0						
3/29/2012	3/29/2012	24	A	0	0	0	0	0						
4/29/2012	4/29/2012	24	A	0	0	0	0	0						
5/26/2012	5/26/2012	24	A	0	0	0	0	0						

** All values are recorded using imperial units.

Well Test History Report

Page 2 of 5
1/23/2013 4:11:55 pm

Select By: Field

Display: All well tests between 11/19/2011 - 01/21/2013

Test Date	Effective Date	Measured Hours	Type	24 Hour Volumes					Ratios					Fluid Level
				Gr Liquid	OIL	GAS	WAT	LIFT	GOR	GLR	IGOR	IGLR	TGLR	
Field: MONUMENT														
LAUGHLIN, V #2-1 (TA'D)														
6/28/2012	6/28/2012	24	A	0	0	0	0	0						
10/8/2012	10/8/2012	24	A	0	0	0	0	0						
10/30/2012	10/30/2012	24	A	0	0	0	0	0						
Averages by Completion				0	0	0	0	0						
LAUGHLIN, V #5H (ABO)														
12/23/2011	12/23/2011	24	A	13	1	15	12	0	15,000	1,154	0	0	1,154	
1/25/2012	1/25/2012	24	A	17	1	18	16	0	18,000	1,059	0	0	1,059	
2/21/2012	2/21/2012	24	A	9	0	14	9	0		1,556		0	1,556	
3/31/2012	3/31/2012	24	A	10	0	16	10	0		1,600		0	1,600	
4/29/2012	4/29/2012	24	A	8	0	14	8	0		1,750		0	1,750	
5/24/2012	5/24/2012	24	A	6	1	24	5	0	24,000	4,000	0	0	4,000	
5/25/2012	5/25/2012	24	A	9	1	13	8	0	13,000	1,444	0	0	1,444	
5/26/2012	5/26/2012	24	A	5	0	13	5	0		2,600		0	2,600	
5/27/2012	5/27/2012	24	A	10	1	14	9	0	14,000	1,400	0	0	1,400	
5/28/2012	5/28/2012	24	A	10	0	13	10	0		1,300		0	1,300	
5/29/2012	5/29/2012	24	A	6	1	13	5	0	13,000	2,167	0	0	2,167	
5/30/2012	5/30/2012	24	A	8	0	13	8	0		1,625		0	1,625	
6/1/2012	6/1/2012	24	A	8	1	13	7	0	13,000	1,625	0	0	1,625	
6/2/2012	6/2/2012	24	A	5	0	13	5	0		2,600		0	2,600	
6/3/2012	6/3/2012	24	A	10	1	13	9	0	13,000	1,300	0	0	1,300	
6/5/2012	6/5/2012	24	A	14	1	13	13	0	13,000	929	0	0	929	
6/8/2012	6/8/2012	24	A	5	0	13	5	0		2,600		0	2,600	
6/10/2012	6/10/2012	24	A	0	0	0	0	0						
6/11/2012	6/11/2012	24	A	7	0	15	7	0		2,143		0	2,143	
6/12/2012	6/12/2012	24	A	6	1	13	5	0	13,000	2,167	0	0	2,167	
6/13/2012	6/13/2012	24	A	7	0	13	7	0		1,857		0	1,857	
6/14/2012	6/14/2012	24	A	7	0	13	7	0		1,857		0	1,857	
6/16/2012	6/16/2012	24	A	6	1	13	5	0	13,000	2,167	0	0	2,167	
6/17/2012	6/17/2012	24	A	9	0	14	9	0		1,556		0	1,556	
6/19/2012	6/19/2012	24	A	6	0	13	6	0		2,167		0	2,167	
6/20/2012	6/20/2012	24	A	9	1	13	8	0	13,000	1,444	0	0	1,444	
6/21/2012	6/21/2012	24	A	5	0	13	5	0		2,600		0	2,600	
6/22/2012	6/22/2012	24	A	7	1	13	6	0	13,000	1,857	0	0	1,857	
6/23/2012	6/23/2012	24	A	9	0	12	9	0		1,333		0	1,333	
7/25/2012	7/25/2012	24	A	10	1	12	9	0	12,000	1,200	0	0	1,200	

** All values are recorded using imperial units.

Well Test History Report

Page 3 of 5
1/23/2013 4:11:55 pm

Select By: Field

Display: All well tests between 11/19/2011 - 01/21/2013

Test Date	Effective Date	Measured Hours	Type	24 Hour Volumes					Ratios					Fluid Level
				Gr Liquid	OIL	GAS	WAT	LIFT	GOR	GLR	IGOR	IGLR	TGLR	
Field: MONUMENT														
LAUGHLIN, V #5H (ABO)														
8/31/2012	8/31/2012	24	A	11	1	15	10	0	15,000	1,364	0	0	1,364	
9/27/2012	9/27/2012	24	A	10	1	6	9	0	6,000	600	0	0	600	
10/30/2012	10/30/2012	24	A	13	1	10	12	0	10,000	769	0	0	769	
11/27/2012	11/27/2012	24	A	13	2	8	11	0	4,000	615	0	0	615	
12/27/2012	12/27/2012	24	A	12	1	11	11	0	11,000	917	0	0	917	
Averages by Completion				9	1	13	8	0						
LAUGHLIN, V #7 (ABO)														
12/21/2011	12/21/2011	24	A	251	0	0	251	0		0		0	0	
12/23/2011	12/23/2011	24	A	251	0	0	251	0		0		0	0	
12/25/2011	12/25/2011	24	A	256	0	0	256	0		0		0	0	
12/26/2011	12/26/2011	24	A	273	0	35	273	0		128		0	128	
12/27/2011	12/27/2011	24	A	286	0	27	286	0		94		0	94	
12/29/2011	12/29/2011	24	A	276	23	43	253	0	1,870	156	0	0	156	
12/30/2011	12/30/2011	24	A	262	16	47	246	0	2,938	179	0	0	179	
12/31/2011	12/31/2011	24	A	248	15	49	233	0	3,267	198	0	0	198	
1/1/2012	1/1/2012	24	A	256	12	56	244	0	4,667	219	0	0	219	
1/2/2012	1/2/2012	24	A	255	15	58	240	0	3,867	227	0	0	227	
1/3/2012	1/3/2012	24	A	341	13	59	328	0	4,538	173	0	0	173	
1/4/2012	1/4/2012	24	A	260	11	65	249	0	5,909	250	0	0	250	
1/5/2012	1/5/2012	24	A	241	16	65	225	0	4,063	270	0	0	270	
1/6/2012	1/6/2012	24	A	248	13	69	235	0	5,308	278	0	0	278	
1/7/2012	1/7/2012	24	A	247	11	76	236	0	6,909	308	0	0	308	
1/8/2012	1/8/2012	24	A	252	16	75	236	0	4,688	298	0	0	298	
1/10/2012	1/10/2012	24	A	253	19	77	234	0	4,053	304	0	0	304	
1/12/2012	1/12/2012	24	A	231	11	80	220	0	7,273	346	0	0	346	
1/13/2012	1/13/2012	24	A	220	14	77	206	0	5,500	350	0	0	350	
1/14/2012	1/14/2012	24	A	233	16	77	217	0	4,813	330	0	0	330	
1/15/2012	1/15/2012	24	A	240	16	77	224	0	4,813	321	0	0	321	
1/25/2012	1/25/2012	24	A	246	13	74	233	0	5,692	301	0	0	301	
2/21/2012	2/21/2012	24	A	187	29	83	158	0	2,862	444	0	0	444	
3/31/2012	3/31/2012	24	A	197	28	130	169	0	4,643	660	0	0	660	
4/29/2012	4/29/2012	24	A	176	36	142	140	0	3,944	807	0	0	807	
5/26/2012	5/26/2012	24	A	195	35	84	160	0	2,400	431	0	0	431	
6/28/2012	6/28/2012	24	A	228	68	145	160	0	2,132	636	0	0	636	
7/25/2012	7/25/2012	24	A	220	60	113	160	0	1,883	514	0	0	514	

** All values are recorded using imperial units.

Well Test History Report

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Select By: Field

Display: All well tests between 11/19/2011 - 01/21/2013

Test Date	Effective Date	Measured Hours	Type	24 Hour Volumes					Ratios					Fluid Level
				Gr Liquid	OIL	GAS	WAT	LIFT	GOR	GLR	IGOR	IGLR	TGLR	
Field: MONUMENT														
LAUGHLIN, V #7 (ABO)														
8/10/2012	8/10/2012	24	A	167	55	112	112	0	2,036	671	0	0	671	
8/15/2012	8/15/2012	24	A	186	54	112	132	0	2,074	602	0	0	602	
8/16/2012	8/16/2012	24	A	169	52	113	117	0	2,173	669	0	0	669	
8/31/2012	8/31/2012	24	A	172	55	113	117	0	2,055	657	0	0	657	
9/27/2012	9/27/2012	24	A	146	28	99	118	0	3,536	678	0	0	678	
10/30/2012	10/30/2012	24	A	157	22	102	135	0	4,636	650	0	0	650	
11/27/2012	11/27/2012	24	A	157	20	100	137	0	5,000	637	0	0	637	
12/27/2012	12/27/2012	24	A	141	19	101	122	0	5,316	716	0	0	716	
Averages by Completion				226	23	76	203	0						
LAUGHLIN, V #7 (TUBB)														
11/19/2011	11/19/2011	24	A	48	19	87	29	0	4,579	1,813	0	0	1,813	
Averages by Completion				48	19	87	29	0						
LAUGHLIN, V #8														
12/12/2011	12/12/2011	24	A	40	15	232	25	0	15,467	5,800	0	0	5,800	
1/25/2012	1/25/2012	24	A	29	13	176	16	0	13,538	6,069	0	0	6,069	
2/21/2012	2/21/2012	24	A	29	14	149	15	0	10,643	5,138	0	0	5,138	
3/31/2012	3/31/2012	24	A	31	16	111	15	0	6,938	3,581	0	0	3,581	
4/29/2012	4/29/2012	24	A	27	13	108	14	0	8,308	4,000	0	0	4,000	
5/26/2012	5/26/2012	24	A	29	8	100	21	0	12,500	3,448	0	0	3,448	
6/28/2012	6/28/2012	24	A	23	1	31	22	0	31,000	1,348	0	0	1,348	
7/25/2012	7/25/2012	24	A	15	7	81	8	0	11,571	5,400	0	0	5,400	
8/26/2012	8/26/2012	24	A	15	6	61	9	0	10,167	4,067	0	0	4,067	
8/27/2012	8/27/2012	24	A	14	5	66	9	0	13,200	4,714	0	0	4,714	
8/28/2012	8/28/2012	24	A	13	5	66	8	0	13,200	5,077	0	0	5,077	
8/29/2012	8/29/2012	24	A	15	5	62	10	0	12,400	4,133	0	0	4,133	
8/30/2012	8/30/2012	24	A	13	8	65	5	0	8,125	5,000	0	0	5,000	
8/31/2012	8/31/2012	24	A	13	8	65	5	0	8,125	5,000	0	0	5,000	
9/2/2012	9/2/2012	24	A	14	8	64	6	0	8,000	4,571	0	0	4,571	
9/3/2012	9/3/2012	24	A	14	8	64	6	0	8,000	4,571	0	0	4,571	
9/27/2012	9/27/2012	24	A	14	6	64	8	0	10,667	4,571	0	0	4,571	
10/30/2012	10/30/2012	24	A	14	5	53	9	0	10,600	3,786	0	0	3,786	
11/27/2012	11/27/2012	24	A	11	6	53	5	0	8,833	4,818	0	0	4,818	
12/27/2012	12/27/2012	24	A	12	6	50	6	0	8,333	4,167	0	0	4,167	

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Well Test History Report

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Select By: Field

Display: All well tests between 11/19/2011 - 01/21/2013

Test Date	Effective Date	Measured Hours	Type	24 Hour Volumes					Ratios					Fluid Level
				Gr Liquid	OIL	GAS	WAT	LIFT	GOR	GLR	IGOR	IGLR	TGLR	
Field: MONUMENT														
Averages by Completion				19	8	86	11	0						
LAUGHLIN, V #9 (ABO)														
12/12/2011	12/12/2011	24	A	261	22	107	239	0	4,864	410	0	0	410	
12/18/2011	12/18/2011	24	A	303	25	94	278	0	3,760	310	0	0	310	
12/19/2011	12/19/2011	24	A	248	52	217	196	0	4,173	875	0	0	875	
12/23/2011	12/23/2011	24	A	368	59	184	309	0	3,119	500	0	0	500	
12/25/2011	12/25/2011	24	A	361	56	183	305	0	3,268	507	0	0	507	
1/25/2012	1/25/2012	24	A	310	35	117	275	0	3,343	377	0	0	377	
2/21/2012	2/21/2012	24	A	325	42	137	283	0	3,262	422	0	0	422	
3/31/2012	3/31/2012	24	A	351	45	135	306	0	3,000	385	0	0	385	
4/29/2012	4/29/2012	24	A	304	24	102	280	0	4,250	336	0	0	336	
5/26/2012	5/26/2012	24	A	328	30	99	298	0	3,300	302	0	0	302	
6/28/2012	6/28/2012	24	A	340	90	170	250	0	1,889	500	0	0	500	
7/25/2012	7/25/2012	24	A	404	104	200	300	0	1,923	495	0	0	495	
8/3/2012	8/3/2012	24	A	412	100	205	312	0	2,050	498	0	0	498	
8/4/2012	8/4/2012	24	A	416	97	202	319	0	2,082	486	0	0	486	
8/7/2012	8/7/2012	24	A	98,300	98,000	201	300	0	2	2	0	0	2	
8/8/2012	8/8/2012	24	A	416	101	201	315	0	1,990	483	0	0	483	
8/9/2012	8/9/2012	24	A	421	99	202	322	0	2,040	480	0	0	480	
8/31/2012	8/31/2012	24	A	401	103	187	298	0	1,816	466	0	0	466	
9/27/2012	9/27/2012	24	A	346	84	173	262	0	2,060	500	0	0	500	
10/30/2012	10/30/2012	24	A	296	73	221	223	0	3,027	747	0	0	747	
11/27/2012	11/27/2012	24	A	301	71	190	230	0	2,676	631	0	0	631	
12/27/2012	12/27/2012	24	A	296	65	175	231	0	2,692	591	0	0	591	
Averages by Completion				4,796	4,517	168	279	0						

CORR GRAV = 38.7

** All values are recorded using imperial units.



January 21, 2013

State of New Mexico
OIL CONSERVATION DIVISION
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Application for Surface Commingling (Identical Ownership)
Township 20 South, Range 37 East
Section 9: N/2 N/2
Lea County, NM

Ladies and Gentlemen:

Identical ownership (working, royalty and overriding royalty owners) exists under our V. Laughlin lease (a fee lease) covering the following described lands:

Township 20 South, Range 37 East
Section 9: N/2 N/2
Lea County, NM

The identical ownership covers all depths, less and except the top of the Grayburg to the base of the San Andres (3,642' to 5,050') which makes up the unitized formation of the North Monument Grayburg San Andres Unit.

If you have any question regarding the aforementioned, please do not hesitate contacting the undersigned at (432) 818-1097.

Sincerely,
APACHE CORPORATION



Dylan C. Park
Landman
(432) 818-1197 Fax
dylan.park@apachecorp.com

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Wednesday, January 30, 2013 3:26 PM
To: 'Holland, Reesa'
Subject: RE: Surface Commingle application from Apache: V. Laughlin Lease

Reesa,
Sounds like I really do need a one page C-103 sundry form ☹

Will

From: Jones, William V., EMNRD
Sent: Wednesday, January 30, 2013 3:01 PM
To: 'Holland, Reesa'
Subject: RE: Surface Commingle application from Apache: V. Laughlin Lease

Thanks for the quick and great answers!
So no need for notification and no one was notified?

We can process this as an identically owned, Pool Commingle
(normally you send in a sundry in this situation, but I can do it without that)

From: Holland, Reesa [<mailto:Reesa.Holland@apachecorp.com>]
Sent: Wednesday, January 30, 2013 2:37 PM
To: Jones, William V., EMNRD
Subject: FW: Surface Commingle application from Apache: V. Laughlin Lease
Importance: High

Good afternoon, Will! Please see my landman's explanation below . . . rings a bell now, but I couldn't remember what he told me. ☺ Does this require anything additional you need from me?

Thanks – R ☺

Reesa Holland

Apache

Midland, TX
432/818-1062
Reesa.Holland@apachecorp.com

From: Park, Dylan C.
Sent: Wednesday, January 30, 2013 3:33 PM
To: Holland, Reesa; Taylor, Ryan
Subject: RE: Surface Commingle application from Apache: V. Laughlin Lease

The #4 is not within the NMGSAU unit boundaries. The other non-unit wells, I believe, are within the unitized boundaries, hence the comment about the interests being the same to all depths less and except the top of the Grayburg to base of San Andres.

From: Holland, Reesa
Sent: Wednesday, January 30, 2013 3:20 PM
To: Taylor, Ryan; Park, Dylan C.
Subject: FW: Surface Commingle application from Apache: V. Laughlin Lease

O.K., guys! Please give me some info to explain this to Santa Fe . . . What is the deal with the Grayburg that made this not have to go out to all the interest owners?!?! I'm sure you explained it, but I've slept since then and don't remember if you did or not.

Thanks – R ☺

Reesa Holland

Apache

Midland, TX
432/818-1062
Reesa.Holland@apachecorp.com

From: Jones, William V., EMNRD [<mailto:William.V.Jones@state.nm.us>]
Sent: Wednesday, January 30, 2013 3:13 PM
To: Holland, Reesa
Cc: Ezeanyim, Richard, EMNRD
Subject: Surface Commingle application from Apache: V. Laughlin Lease

Hello Reesa,

Your Landman report says all depths are identically owned except for the G-SA which has different interests than all other depths because of the North Monument GSA Unit.

The well #4 is being proposed for completion in the Grayburg. Will this be the only well with different ownership than the others? Will this well be renamed as a North Monument GSA Unit well?

Your application said interest owners were notified by certified mailers, but I don't see proof of mailing – send certified receipt numbers and names/dates of mailing or copy of green cards.

Thank You,

William V. Jones, P.E.
505-476-3448W 505-476-3462F
Engineering Bureau, Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505