

DATE IN 9.21.10	SUSPENSE	ENGINEER WJ.	LOGGED IN 9.21.10	TYPE DHC	APP NO. 1026455688
------------------------	----------	---------------------	--------------------------	-----------------	---------------------------

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



Apache

V Laughlin #7

ADMINISTRATIVE APPLICATION CHECKLIST **30-025-39587**

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

RECEIVED OCD
 2010 SEP 20 P 2:50

[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.

KATIE KAUFFMAN
 Print or Type Name

Signature

Katie Kauffman

ENG. TECH
 Title

09/13/2010
 Date

katie.kauffman@apachecorp.com
 e-mail Address

District I
1625 N. French Drive, 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 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 303 VETERANS AIRPARK LN. STE. 3000
Operator Address
V LAUGHLIN 007 D 9 20S 37E LEA
Lease Well No. Unit Letter-Section-Township-Range County
OGRID No. 873 Property Code 302374 API No. 30-025-39587 Lease Type: ____ Federal ____ State ☒ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	MONUMENT; TUBB	SKAGGS; DRINKARD	MONUMENT; ABO, SE
Pool Code	47090	57000	96764
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	6334'-6648' (perfs)	6833'-6967' (perfs)	6980'-7600' (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)	N/A	N/A	N/A
Oil Gravity or Gas BTU (Degree API or Gas BTU)	38.6	38.6	38.6
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: EST 41 BO Rates: 94 MCF 170 BW	Date: EST 40 BO Rates: 98 MCF 180 BW	Date: 7/25-9/5/2010 29 BO Rates: 70 MCF 133 BW
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas 43 % 34 %	Oil Gas 37 % 40 %	Oil Gas 20 % 26 %

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 Katie Kauffman TITLE ENG. TECH DATE 9/13/2010

TYPE OR PRINT NAME KATIE KAUFFMAN TELEPHONE NO. (432) 818.1065

E-MAIL ADDRESS katie.kauffman@apachecorp.com



September 9, 2010

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

**RE: Application for Exception for Downhole Commingling
V Laughlin #7- Monument Field - API 30-025-39587
Unit D, Section 9, T-20-S, R-37-E
Tubb, Skaggs; Drinkard & Abo Pools
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 nor will it reduce the value of the total remaining production. 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.

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 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) 818-1065.

Sincerely,

A handwritten signature in black ink that reads "Katie Kauffman".

**Katie Kauffman
Sr. Engineering Technician**

V. Laughlin #7

w/Drinkard

Lease Name	Well Number	10DIGITAPI	Location	Tubb	Drinkard	Abo	Tubb	Drinkard	Abo	Tubb	Drinkard	Abo
J W COOPER G	3	3002505871	3E 20S 37E NW SW NW	2392			4903			43850		
ADKINS	5	3002505902	5M 20S 37E									
BERTHA BARBER	9	3002505914	5E 20S 37E									
BERTHA BARBER	10	3002505915	5L 20S 37E									
BRITT B	2	3002505924	5N 20S 37E									
T ANDERSON	3	3002506003	8K 20S 37E									
T ANDERSON	4	3002506004	8K 20S 37E									
BRITT B 8	2	3002506007	8C 20S 37E NE NE NW									
BERTIE WHITMIRE	5	3002506015	8F 20S 37E									
BERTIE WHITMIRE	6	3002506016	8B 20S 37E SW NW NE			36765			100568			52363
BERTIE WHITMIRE	8	3002506018	8F 20S 37E			36176			154854			79683
BERTHA J BARBER	8	3002506023	8D 20S 37E NW NW									
BERTHA J BARBER	10	3002506024	8E 20S 37E SW NW									
BERTHA J BARBER	11	3002506025	8L 20S 37E NW SW									
T ANDERSON	3	3002506031	8J 20S 37E NW SE									
L VAN ETEN	8	3002506048	9P 20S 37E									
BRITT B	9	3002506108	15J 20S 37E	261579	45473		3357547	729043	19707	9450	14500	
BRITT B	10	3002506109	15F 20S 37E SE NW	177763	2434		4173916	35808		23792	5748	
BRITT B	11	3002506110	15N 20S 37E	209080			573263			119906		
BRITT B	12	3002506111	15E 20S 37E	191207			2392141			115872		
BRITT B	10	3002506112	15D 20S 37E	25549			818601			32700		
BRITT B	14	3002506113	15L 20S 37E	146459			681426			5307		
SEMU BRITT	61	3002506114	15P 20S 37E		3970			279325			1467	
SEMU TUBB	70	3002506115	15I 20S 37E	61629	166457		894135	3419180		66178	476621	
STATE Q	1	3002506116	16J 20S 37E W2 NW SE	59223			220345			28053		
HANSEN STATE	3	3002506126	16A 20S 37E W2 NE NE				2337		477	2450		
HANSEN STATE	5	3002506128	16H 20S 37E				208565			50047		
BRITT B	18	3002520090	10N 20S 37E	115333			807459			9918		
BRITT B	19	3002520112	15B 20S 37E	168815			563131			31881		
L VAN ETEN	11	3002520217	9I 20S 37E C NE SE	68230			768554			12149		
BRITT B	20	3002520299	10L 20S 37E SW NW SW	165126			914206			8573		
APACHE STATE Q	4	3002520358	16I 20S 37E C NE SE	90226			587491			15157		
BARBER ADKINS 8	1	3002520436	8D 20S 37E C NW NW	12561			136884			20333		
J W COOPER	1	3002520452	3F 20S 37E	214242			3273869			16405		
HANSEN STATE	6	3002520535	16G 20S 37E E2 SW NE	23027			96987			5697		
ELLEN WEIR	1	3002520589	3L 20S 37E	1509								
BRITT B	23	3002520648	3K 20S 37E	22550			97008			3438		
BRITT B	21	3002520649	10J 20S 37E	146685			1025450			16700		
SEMU BLINEBRY TUBB	85	3002520655	15H 20S 37E	152781			754197			31550		
E H B PHILLIPS B	1	3002520934	10F 20S 37E	203280			2110348			14763		
E H B PHILLIPS B	2	3002520935	10G 20S 37E	86676	38591		928515	354448		12763	8981	
E H B PHILLIPS C	1	3002521052	10A 20S 37E	9777			28534			751		
BRITT B	22	3002521064	10P 20S 37E	166908			770695			104293		
LAUGHLIN	1	3002521652	9H 20S 37E	53957			462225			61699		
BRITT PHILLIPS	1	3002521653	10E 20S 37E	24175			1093722			5219		
L VAN ETEN	12	3002521773	9O 20S 37E NW SW SE	3536			1009082			125654		
V LAUGHLIN	4	3002521926	9A 20S 37E	39976			172669			7415		
T ANDERSON	4	3002525292	8I 20S 37E	1781			8000			19238		
BRITT B	26	3002526486	15M 20S 37E	47354			221652			121654		
BRITT B	27	3002526491	15G 20S 37E		45786	142018		548219	7522368		24467	12341
ANDERSON	1	3002529962	8O 20S 37E SW SE	12260			29946			101798		
BRITT B	28	3002530470	15K 20S 37E NE NE SW	13673	2604	3917	241939	385173	252835	58745	42572	49198
COOPER	1	3002530527	3 20S 37E C NW NE	2591			1745439			1344		
GENERAL G STATE	3	3002530865	16D 20S 37E NW NW NW	2515			59419			45665		
L VAN ETEN	13	3002531727	9K 20S 37E SE NE SW	621		16793	368786		62692	2997		5342
L VAN ETEN	14	3002532518	9M 20S 37E NE SW SW	1564		14009	197064		188770	18214		25609
L VAN ETEN	15	3002532880	9N 20S 37E N2 SE SW									
L VAN ETEN	16	3002532881	9L 20S 37E									
E H B PHILLIPS B	3	3002533015	10C 20S 37E C NE NW	1134			8299			1168		
W H LAUGHLIN	7	3002533141	9E 20S 37E	36990			391696			94255		
THEODORE ANDERSON	10	3002533236	8P 20S 37E									
STATE CC 16	1	3002533284	16C 20S 37E	1966		23309	63910		95276	6687		557143
T ANDERSON	5	3002533296	8I 20S 37E									
STATE H	1	3002533667	3H 20S 37E		79258			239843			4504	
BRITT B	32	3002533906	10M 20S 37E C SW SW		122368			650196			215090	
BERTHA BARBER	16	3002533919	5K 20S 37E NW NE SW	33442		88931	85789		317485	3104		1808
HANSEN STATE	7	3002533967	16B 20S 37E			169972			690771			394246
STATE A	1	3002533970	3 20S 37E				1616668			770		
STATE H	2	3002533971	3 20S 37E		131041			1976362			9137	
E H B PHILLIPS C	2	3002533989	10H 20S 37E			2563			471963			12343
THEODORE ANDERSON	12	3002534021	8P 20S 37E SE SE SE		1945	21997		3617	436600		8642	48086
LAUGHLIN	2	3002534067	9G 20S 37E SW SW NE	9753			116602			31187		
APACHE STATE Q	7	3002534162	16J 20S 37E NE NW SE	10400		21877	22530		43361	15571		15807
HANSEN STATE	8	3002534203	16G 20S 37E C SW NE			8793			249155			
BERTHA BARBER	17	3002534204	5F 20S 37E SW SE NW	85128		3182	590308		13432	10070		1245
J COOPER	1	3002534206	3 20S 37E NW NE		130733			1583674	19262		2088	
STATE A 3	3	3002534207	3I 20S 37E NE SE	28839			768927			21092		
THEODORE ANDERSON	14	3002534281	17A 20S 37E			3537			10270			4952
HANSEN STATE	9	3002534286	16 20S 37E SE SE NE			14735			301315			6302
J W COOPER	5	3002534292	3 20S 37E NE NW NE						55457			
J COOPER	2	3002534295	3G 20S 37E SW NE		85529			677348			1408	
STATE A 3	4	3002534308	3J 20S 37E NW SE	31537			559507			12000		
BERTHA BARBER	18Y	3002534327	5L 20S 37E SE NW SW	24837		3565	134986		70677	195999		29732
W H LAUGHLIN	8	3002534341	9F 20S 37E NW SE NW		2543	16152		10622	178085		95345	14920
L VAN ETEN	19	3002534528	9 20S 37E SE SW SE	1530	191	8512	106	1327	18095	2664	2664	9949

Lease Name	Well Number	10DIGITAPI	Location	Tubb	Drinkard	Abo	Tubb	Drinkard	Abo	Tubb	Drinkard	Abo
STATE I	4	3002534954	16N 20S 37E NW SE SW	3862			25855			11955		
LAUGHLIN	1	3002534975	4N 20S 37E SW SE SW	31270	20627	4626	107399	71363	14213	10272	6288	1869
COOPER 5	6	3002535151	5G 20S 37E SW SW NE	15927	17962		53312	59935		13564	15302	
LAUGHLIN	2	3002535182	4L 20S 37E W2 NW SW	53947			388586			23714		
LAUGHLIN	3	3002535348	4O 20S 37E SE SW SE	45584			117905			30979		
COOPER 5	7	3002535399	5H 20S 37E S2 SE NE	115239			642985			26552		
LAUGHLIN	4	3002535477	4J 20S 37E SW NW SE	103644			278745			35073		
LAUGHLIN	5	3002535584	4H 20S 37E SE SE NE	17815			86514			95460		
LAUGHLIN	6	3002535676	4F 20S 37E SW SE NW	24750			71062			25432		
LAUGHLIN 5	1	3002535827	5P 20S 37E NE SE SE	32975			156218			95138		
LAUGHLIN 5	2	3002535862	5J 20S 37E SE NW SE	55301			587465			27618		
LAUGHLIN	8	3002535870	4M 20S 37E SE SW SW	27770			116915			15909		
LAUGHLIN	7	3002535891	4K 20S 37E SW NE SW	30454			121277			29624		
COOPER 4	3	3002535934	4E 20S 37E SW SW NW	2297			2101			1558		
LAUGHLIN	9	3002535958	4I 20S 37E SE NE SE	21401			47552			57933		
COOPER 5	9	3002535990	5 20S 37E SE NW NE	34091			111841			90689		
LAUGHLIN 5	3	3002536000	5I 20S 37E NW NE SE	79189			652785			100707		
LAUGHLIN 5	4	3002536023	5O 20S 37E N2 SW SE	68044			150742			21131		
COOPER 5	8	3002536045	5 20S 37E SW NE NE	83332			312844			311655		
BERTHA BARBER	21	3002536134	5 20S 37E SE NE NW	47229			584253			96633		
LAUGHLIN 8	1	3002536147	8A 20S 37E W2 NE NE	42768		13929	223213		44908	17817		8516
LAUGHLIN	10	3002536161	4P 20S 37E NW SE SE	23212			68545			65908		
BERTIE WHITMIRE	11	3002536331	8B 20S 37E W2 NW NE	47758			177109			77669		
COOPER 8	2	3002536529	8H 20S 37E NE SE NE	3307		39	16594			27301		1278
V LAUGHLIN	5	3002536675	9C 20S 37E N2 NE NW	4937		29290	10478		77943	2317		10375
BARBER ADKINS 8	2	3002536717	8L 20S 37E SW NW SW			10863			76654			29677
APACHE STATE Q	8	3002537267	16P 20S 37E NE SE SE	22461	15944		162988	136809		22157	13147	
STATE A 3	8	3002539220	3P 20S 37E E2 SE SE	1053			4747			54623		
HANSEN STATE	11	3002539562	16A 20S 37E			6564			15664			12801
V LAUGHLIN	7	3002539587	9D 20S 37E NW NW NW			6172			10866			10858
TOTALS				4,370,494	913,456	708,286	41,439,808	11,162,292	11,513,725	3,155,673	947,971	1,396,443
AVERAGES				57,507	50,748	27,242	538,179	620,127	397,025	40,981	52,665	55,858

Proposed Allocations	Oil	Gas	Water
Tubb	43%	34%	28%
Drinkard	37%	40%	35%
Abo	20%	26%	37%
TOTAL	100%	100%	100%

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

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

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-39587	Pool Code 96764	Pool Name monument; Abo, Southeast
Property Code 302314	Property Name V. LAUGHLIN	Well Number 7
OGRID No. 813	Operator Name APACHE CORPORATION	Elevation 3558'

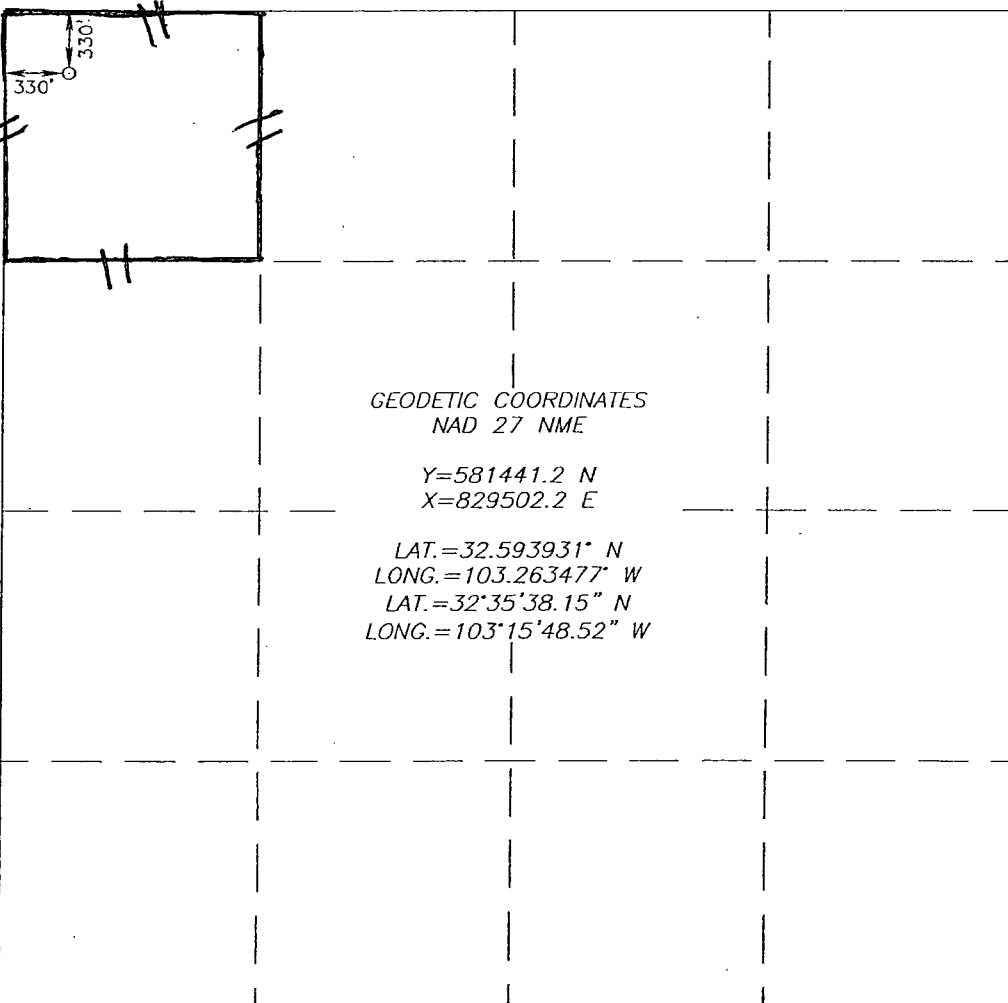
Surface Location

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.					

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=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
	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>Katie Kauffman</i> 9/13/10 Signature Date Katie Kauffman 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. RONALD EIDSON NEW MEXICO NOVEMBER 4, 2009 Date Surveyed 3239 REV: 12/7/09 Signature & Seal of Professional Surveyor <i>Ronald Eidson</i> 12-07-09 09.11.0984
	Certificate No. RONALD EIDSON 3239

Certificate No. RONALD EIDSON 3239

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

State of New Mexico
Energy, Minerals and Natural Resources Department

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

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 30-025-31587	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.						

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

330'	330'
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	

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.

Signature
Katie Kauffman
Date
9/13/09
Printed Name
Katie Kauffman

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
3214
Signature & Seal of Professional Surveyor
REV: 12/7/09

Ronald Eidson
12-07-09
09.11.0984

Certificate No. RONALD EIDSON 3239