

DATE IN	SUSPENSE	ENGINEER <i>WUJ</i>	LOGGED IN <i>1.18.11</i>	TYPE <i>DHC</i> <i>4502</i>	APP NO. <i>1201859197</i>
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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

WHL Laughlin 12 API 30 025 39905



Apache 873

WHL Laughlin #12

ADMINISTRATIVE APPLICATION CHECKLIST

30-025-39905

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

Application Acronyms:

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

- [1] TYPE OF APPLICATION - Check Those Which Apply for [A]
- [A] Location - Spacing Unit - Simultaneous Dedication
- ☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement
- ☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
- ☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

- [D] Other: Specify _____

- [2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☐ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached

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

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

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

Beverly Hatfield
Print or Type Name

Beverly Hatfield
Signature

SR STAFF REGULATORY TECH
Title

1/12/2012
Date

Beverly.Hatfield@apachecorp.com
e-mail Address



APACHE CORPORATION
303 VETERANS AIRPARK LANE / SUITE 3000 / MIDLAND, TX 79705-9909

RECEIVED OGD

2012 JAN 17 P 1:59

January 12, 2012

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
W H LAUGHLIN # 012 - 30-025-39905
Unit I, Section 16, T-20-S, R-37-E
Tubb, Drinkard, Abo & Blinebry 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 subtraction allocation method used for this well. There was no Blinebry production in a nine section area of review surrounding this well. Supporting documentation from previous DHC 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) 818-1906.

Sincerely,

Bev Hatfield
Sr. Staff Regulatory Technician
432-818-1906

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

Form C-107A
Revised June 10, 2003

Oil Conservation Division

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

APPLICATION TYPE

Single Well
Establish Pre-Approved Pools
EXISTING WELLBORE
Yes No

APPLICATION FOR DOWNHOLE COMMINGLING

Apache Corporation 303 Veterans Airpark Lane Suite 3000 Midland TX 79705
Operator Address
W H LAUGHLIN 012 E 9 20S 37E LEA
Lease Well No. Unit Letter-Section-Township-Range County
OGRID No. 873 Property Code 306624 API No. 30-025-39905 Lease Type: Federal State ☒ Fee

DATA ELEMENT	UPPER ZONE <i>UNDES</i>	INTERMEDIATE ZONE <i>✓</i>	LOWER ZONE <i>✓</i>	<i>96764</i>
Pool Name	WEIR; BLINEBRY	MONUMENT; TUBB	SKAGGS; DRINKARD	<i>Monument, Abo, SE</i>
Pool Code	63780	47090	57000	<i>57000 96764</i>
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	6146-6356	6448-6692	6818-6904	<i>6987-7213</i>
Method of Production (Flowing or Artificial Lift)	ARTIFICIAL LIFT	ARTIFICIAL LIFT	ARTIFICIAL LIFT	<i>Artificial Lift</i>
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	NA	NA	NA	<i>NA</i>
Oil Gravity or Gas BTU (Degree API or Gas BTU)	38.7	38.7	38.7	<i>38.7</i>
Producing, Shut-In or New Zone	NEW ZONE	NEW ZONE	NEW ZONE	<i>existing</i>
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. 20 BO Rates: 83 MCF 26 BW	Date: EST 53 BO Rates: 188 MCF 11 BW	Date: EST. 22 BO Rates: 104 MCF 26 BW	<i>1-10-2012 5 BO 105 mcf 14 BW</i>
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 20 % 20 %	Oil Gas 54 % 45 %	Oil Gas 22 % 25 %	<i>oil gas 1670 2070</i>

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☒ No
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 *Bev Hatfield* TITLE Sr. Staff Regulatory Tech DATE 01/12/2012

TYPE OR PRINT NAME Bev Hatfield TELEPHONE NO. (432) 818-1906

E-MAIL ADDRESS BeverlyHatfield@apachecorp.com

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

Lease Name	Well Number	10DIGITAPI	Location	Tub	Drinkard	Ab	Tub	Drinkard	Ab	Tub	Drinkard	Ab
ADKINS	5	3002505902	5M 20S 37E									
BERTHA BARBER	9	3002505914	5E 20S 37E									
BERTHA BARBER	10	3002505916	5L 20S 37E									
BRITT B	2	3002505924	5N 20S 37E									
L M LAMBERT	2	3002505926	6G 20S 37E C SW NE	68			5233			229321		
L M LAMBERT	4	3002505928	6H 20S 37E C SE NE	1981		1466	830357		6991	6011		789
L M LAMBERT	5	3002505929	6G 20S 37E									
L M LAMBERT	6	3002505930	6H 20S 37E									
L M LAMBERT	7	3002505931	6 20S 37E									
L M LAMBERT	8	3002505932	6B 20S 37E									
BRITT A 6	3	3002505939	6 20S 37E N2 NW SW									
BRITT A 6	5	3002505941	6 20S 37E									
G C MATTHEWS	5	3002505946	6J 20S 37E NW NW SE	223		22337	6814		206022	34963		38034
G C MATTHEWS	6	3002505947	6I 20S 37E SW NE SE									
G C MATTHEWS	7	3002505948	6P 20S 37E									
G C MATTHEWS	8	3002505949	6Q 20S 37E									
G C MATTHEWS	11	3002505952	6I 20S 37E									
G C MATTHEWS	12	3002505953	6P 20S 37E SW SE SE	2703			313478			2538		
J R PHILLIPS	5	3002505958	6D 20S 37E			24428			1376245			166279
J R PHILLIPS	6	3002505959	6 20S 37E N2 SW NW	3488		84770	17833		2522178	4135		150923
J R PHILLIPS	7	3002505960	6E 20S 37E									
J R PHILLIPS	8	3002505961	6F 20S 37E									
J R PHILLIPS	9	3002505962	6F 20S 37E NE NW									
BRITT A	3	3002505968	6K 20S 37E									
BRITT A	4	3002505969	6N 20S 37E									
BERTHA J BARBER	9	3002505977	7A 20S 37E NE NE									
BERTHA J BARBER	12	3002505978	7A 20S 37E N2 NE NE	862		2743	1136850		13506	1776		160
BERTHA J BARBER	14	3002505979	7H 20S 37E SE NE									
BERTHA J BARBER	17	3002505980	7I 20S 37E									
COOPER B	10	3002505988	7 20S 37E									
BRITT	10	3002505997	7B 20S 37E									
BRITT	11	3002505998	7G 20S 37E									
BRITT	12	3002505999	7C 20S 37E									
BRITT	13	3002506000	7J 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	3002506018	8B 20S 37E SW NW NE			38469			108246			53180
BERTIE WHITMIRE	8	3002506018	8F 20S 37E			37132			158049			83287
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									
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	76711			208565			50047		
L VAN ETEN	11	3002502017	9I 20S 37E C NE SE			68230			768554	12149		
APACHE STATE Q	4	30025020358	16I 20S 37E C NE SE	90226			587491			15157		
BARBER ADKINS 8	1	30025020436	8D 20S 37E C NW NW	13270			149430			26779		
HANSEN STATE	6	30025020535	16G 20S 37E E2 SW NE	23027			96987			6697		
LAUGHLIN	1	3002521652	9H 20S 37E	53957			462225			61699		
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		
ANDERSON	1	3002529662	8O 20S 37E SW SE	12260			29946			101798		
GENERAL G STATE	3	3002530865	16D 20S 37E NW NW NW	2515			69419			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									
W H LAUGHLIN	7	3002533141	9E 20S 37E	40278			408039			96819		
THEODORE ANDERSON	10	3002533238	8P 20S 37E									
STATE CC 16	1	3002533284	16C 20S 37E	1966		28924	63910		103592	6687		579822
T ANDERSON	5	3002533296	8I 20S 37E									
J R PHILLIPS	13	3002533306	6 20S 37E									
BERTHA BARBER	16	3002533910	6K 20S 37E NW NE SW	33442		98931	85789		317485	3104		1808
HANSEN STATE	7	3002533967	16B 20S 37E			176169			709916			414677
THEODORE ANDERSON	12	3002634021	8P 20S 37E SE SE SE		2011	21997		3640	436600		9034	48088
LAUGHLIN	2	3002534067	9G 20S 37E SW SW NE	10530			122756			32767		
APACHE STATE Q	7	3002534162	16J 20S 37E NE NW SE	10749		23129	23009		44721	15859		17051
HANSEN STATE	8	3002534203	16G 20S 37E C SW NE			8793			249155			
BERTHA BARBER	17	3002534204	5F 20S 37E SW SE NW	86757		3182	611090		13432	13824		1245
THEODORE ANDERSON	14	3002534281	17A 20S 37E			3537			10270			4952
HANSEN STATE	9	3002534288	16 20S 37E SE SE NE			14735			301315			6302
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		10643	178085		95345	14820
L VAN ETEN	19	3002534528	9 20S 37E SE SW SE	1530		191	8512	106	1327	18095	2664	9949
STATE I	4	3002534954	16N 20S 37E NW SE SW	3956			25951			12373		
LAUGHLIN	1	3002534976	4N 20S 37E SW SE SW	32313	21713	4626	112106	76259	14213	11084	7133	1869
J R PHILLIPS	15	3002535119	6 20S 37E W2 NE NW	3		16655	629081		71897	33		96703
COOPER 5	6	3002535151	5G 20S 37E SW SW NE	16335	18422		56211	62075		14048	15847	
LAUGHLIN	2	3002535182	4L 20S 37E W2 NW SW	55544			399705			26018		
LAUGHLIN	3	3002535348	4O 20S 37E SE SW SE	47827			127663			32602		
COOPER 5	7	3002535399	5H 20S 37E S2 SE NE	117689			866653			27800		

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

Lease Name	Well Number	100DIGITAPI	Location	Tub	Drinkard	Abo	Tub	Drinkard	Abo	Tub	Drinkard	Abo
LAUGHLIN	4	3002535477	4J 20S 37E SW NW SE	108168			203620			36618		
J R PHILLIPS	16	3002535501	6F 20S 37E NE SE NW			5177			244913			169907
LAUGHLIN	5	3002535584	4H 20S 37E SE SE NE	18217			89887			104018		
LAUGHLIN	6	3002535678	4F 20S 37E SW SE NW	26129			73798			27692		
LAUGHLIN 5	1	3002535827	6P 20S 37E NE SE SE	34197			169167			102608		
LAUGHLIN 5	2	3002535862	5J 20S 37E SE NW SE	67006			614381			29251		
LAUGHLIN	8	3002535870	4M 20S 37E SE SW SW	29958			132954			19801		
LAUGHLIN	7	3002535891	4K 20S 37E SW NE SW	32468			128207			33628		
COOPER 4	3	3002535934	4E 20S 37E SW SW NW	2297			2101			1558		
LAUGHLIN	9	3002535958	4I 20S 37E SE NE SE	22761			51664			63512		
COOPER 5	9	3002535990	5 20S 37E SE NW NE	35616			122583			100449		
LAUGHLIN 5	3	3002536000	5I 20S 37E NW NE SE	81849			693214			109470		
LAUGHLIN 6	4	3002536023	5O 20S 37E N2 SW SE	71877			169723			24817		
COOPER 5	8	3002536045	5 20S 37E SW NE NE	87974			342674			347040		
BERTHA BARBER	21	3002536134	5 20S 37E SE NE NW	51330			622270			108286		
LAUGHLIN 8	1	3002536147	8A 20S 37E	45083		13929	233327		44908	18669		8516
LAUGHLIN	10	3002536181	4P 20S 37E NW SE SE	24811			74344			71152		
BERTIE WHITMIRE	11	3002536331	8B 20S 37E W2 NW NE	47758			177109			77669		
BERTHA BARBER 7	1	3002536472	7I 20S 37E NE NE SE			42655			705051			109216
COOPER 8	2	3002536529	8H 20S 37E SE NE	3307		39	16594			27301		1278
V LAUGHLIN	5	3002536675	9D 20S 37E	5425		31240	14280		89376	3488		15052
BARBER ADKINS 8	2	3002536717	8L 20S 37E SW NW SW			10863			78643			28677
APACHE STATE Q	8	3002537287	16P 20S 37E NE SE SE	25859	18084		193794	181752		24009	14151	
HANSEN STATE	11	3002539562	16A 20S 37E			17685			48098			44743
HANSEN STATE	12	3002539563	16H 20S 37E			1019			4871			3029
BERTHA BARBER	22	3002539584	5K 20S 37E	4137	1017		797	11899		41250	27634	
BERTHA BARBER	23	3002539585	5L 20S 37E	7571			22117			66187		
V LAUGHLIN	7	3002539587	9D 20S 37E NW NW NW			13000			30560			47391
HANSEN STATE	14	3002539635	16B 20S 37E NW NE			1346			9893			3096
V LAUGHLIN	8	3002539809	9C 20S 37E			2357			15857			2565
W H LAUGHLIN	12	3002539905	9E 20S 37E			3952			42550			787
W H LAUGHLIN	11	3002539909	9F 20S 37E			497			851			99
TOTALS				1,763,581	63,981	804,013	14,255,005	327,595	8,508,210	2,731,890	171,808	2,186,283
AVERAGES				30,940	9,140	22,334	245,776	46,789	236,339	47,102	24,544	62,465

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

Lease Name	Well Number	10DIGIT API	Location	Tubbs	Drinkard	Abo	Tubbs	Drinkard	Abo	Tubbs	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 B	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 ET TEN	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		4173918	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	76711			208565			50047		
BRITT B	18	3002502090	10N 20S 37E	115333			807459			9918		
BRITT B	19	3002502112	15B 20S 37E	168815			563131			31881		
L VAN ET TEN	11	3002502127	9I 20S 37E C NE SE	86230			768554			12149		
BRITT B	20	3002502099	10L 20S 37E SW NW SW	165126			914206			8573		
APACHE STATE Q	4	3002502035	16I 20S 37E C NE SE	90226			587491			15157		
BARBER ADKINS B	1	3002502043	8D 20S 37E C NW NW	12561			136884			20333		
J W COOPER	1	3002502045	3F 20S 37E	214242			3273869			16405		
HANSEN STATE	6	3002502035	16G 20S 37E E2 SW NE	23027			96987			5697		
ELLEN WEIR	1	3002502058	3L 20S 37E	1509								
BRITT B	23	3002502048	3K 20S 37E	22550			97008			3438		
BRITT B	21	3002502049	10J 20S 37E	146685			1025450			16700		
SEMU BLINEBRY TUBB	85	3002502055	15H 20S 37E	152781			754197			31550		
E H B PHILLIPS B	1	3002502093	10F 20S 37E	203280			2110348			14763		
E H B PHILLIPS B	2	3002502093	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 ET TEN	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	3002526941	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 ET TEN	13	3002531727	9K 20S 37E SE NE SW	621		16793	368786		62692	2997		5342
L VAN ET TEN	14	3002532518	9M 20S 37E NE SW SW	1564		14009	197064		188770	18214		25609
L VAN ET TEN	15	3002532880	9N 20S 37E N2 SE SW									
L VAN ET TEN	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	38990			391696			94255		
THEODORE ANDERSON	10	3002533236	8P 20S 37E									
STATE CC 16	1	3002533284	16C 20S 37E	1966		23309	63910		95278	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	3002534087	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						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 ET TEN	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 1	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			117805			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	3002536181	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	3,155,573	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%

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District IV

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Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-102
Permit 120508

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-39905	2. Pool Code 96764	3. Pool Name MONUMENT, ABO, SOUTHEAST
4. Property Code 306624	5. Property Name W H LAUGHLIN	6. Well No. 012
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3550

10. Surface Location

UL - Lot E	Section 9	Township 20S	Range 37E	Lot Idn	Feet From 1650	N/S Line N	Feet From 330	E/W Line W	County LEA
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11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 40.00	13. Joint or Infill	14. Consolidation Code	15. Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) 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> E-Signed By: Bobby Smith Title: Date: 9/17/2010	
	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> Surveyed By: RONALD EIDSON Date of Survey: 8/17/2010 Certificate Number: 3239	

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WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-39905	2. Pool Code 57000	3. Pool Name SKAGGS,DRINKARD
4. Property Code 306624	5. Property Name W H LAUGHLIN	6. Well No. 012
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3550

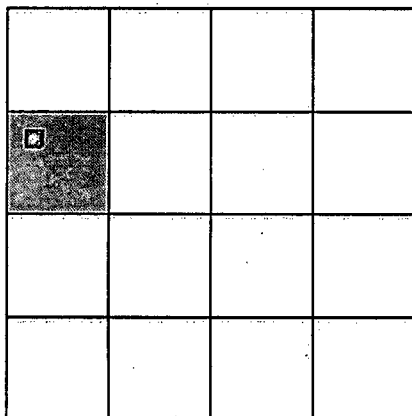
10. Surface Location

UL - Lot E	Section 9	Township 20S	Range 37E	Lot Idn	Feet From 1650	N/S Line N	Feet From 330	E/W Line W	County LEA
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11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 40.00	13. Joint or Infill		14. Consolidation Code		15. Order No.				

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E-Signed By: Bobby Smith

Title:

Date: 9/17/2010

Bobby Smith
 1-12-12

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Surveyed By: RONALD EIDSON

Date of Survey: 8/17/2010

Certificate Number: 3239

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-39905	2. Pool Code 63780	3. Pool Name WEIR, BLINEBRY
4. Property Code 306624	5. Property Name W H LAUGHLIN	6. Well No. 012
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3550

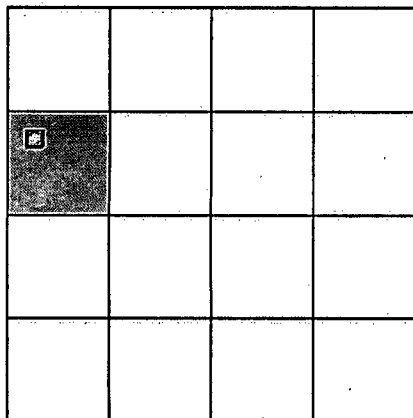
10. Surface Location

UL - Lot E	Section 9	Township 20S	Range 37E	Lot Idn	Feet From 1650	N/S Line N	Feet From 330	E/W Line W	County LEA
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11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 40.00	13. Joint or Infill	14. Consolidation Code	15. Order No.						

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Title:

Date: 9/17/2010

Bobby Smith
1-12-12

SURVEYOR CERTIFICATION

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Surveyed By: RONALD EIDSON

Date of Survey: 8/17/2010

Certificate Number: 3239

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Santa Fe, NM 87505

Form C-102
 Permit 120508

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-39905	2. Pool Code 47090	3. Pool Name monument; TUBB
4. Property Code 306624	5. Property Name W H LAUGHLIN	6. Well No. 012
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3550

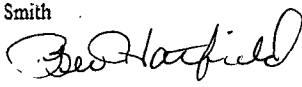
10. Surface Location

UL - Lot E	Section 9	Township 20S	Range 37E	Lot Idn	Feet From 1650	N/S Line N	Feet From 330	E/W Line W	County LEA
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11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 80		13. Joint or Infill		14. Consolidation Code		15. Order No.			

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	1-12-12	
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	Surveyed By: RONALD EIDSON Date of Survey: 8/17/2010 Certificate Number: 3239	