

Order Number

DHC-500

API Number

30-025-34017

Operator

Apache Corporation

County

Lea

Order Date

9-17-12

Well Name

J.H. Williams

Number

1

Location

0

UL

34

Sec

195

T (+Dir)

37E

R (+Dir)

Oil %

40%

Gas %

33%

Pool 1

63780

Weir Blinebry

Pool 2

47090

Monument Tubb

20%

31%

Pool 3

96768

SKaggs Drinkard NW

40%

36%

Pool 4

Comments:

Posted in RBDMs on 9-20-2012 Ctm

SEP 20 2012

DOWNHOLE COMMINGLE CALCULATIONS:

DHC-HOB 500
30025-34017

OPERATOR: Apache Corp

PROPERTY NAME: J. H. Williams

WNULSTR: 1-0-34-195-37E

SECTION I:	ALLOWABLE AMOUNT
POOL NO. 1 <u>Weir Blinebry</u>	<u>107</u> <u>214</u> MCF
POOL NO. 2 <u>Monument - Tubb</u>	<u>222</u> <u>2220</u> MCF
POOL NO. 3 <u>Skaggs - Drinkard NW</u>	<u>142</u> <u>2840</u> MCF
POOL NO. 4 _____	_____ MCF
POOL TOTALS	<u>471</u> <u>5274</u>

SECTION II:	<u>Oil</u>	<u>Gas</u>
POOL NO. 1 <u>Weir Blinebry</u>	40%	46%
POOL NO. 2 <u>Monument - Tubb</u>	20%	26%
POOL NO. 3 <u>Skaggs Drinkard NW</u>	40% x 471 = 188.40	28%
POOL NO. 4 _____	<188>	

<u>OIL</u>	<u>GAS</u>
SECTION III: <u>40% x 142 = 355</u>	_____

SECTION IV:	
<u>40% x 355 = 142</u>	<u><142></u>
<u>20% x 355 = 71</u>	<u><71></u>
<u>40% x 355 = 142</u>	<u><142></u>

Submit 3 Copies To Appropriate District Office

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

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

HOBBS OGD State of New Mexico
Energy, Minerals and Natural Resources

SEP 07 2012

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

RECEIVED Santa Fe, NM 87505

Form C-103

June 19, 2008

WELL API NO.

30-025-34017

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

J.H. Williams

8. Well Number 001

9. OGRID Number
873

10. Pool name or Wildcat
Monument; Tubb (47090)

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS)

1. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other:

2. Name of Operator

Apache Corporation

3. Address of Operator

303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705

4. Well Location

Unit Letter O : 660 feet from the South line and 1980 feet from the East line
Section 34 Township 19S Range 37E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3564' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☒

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Apache would like to DHC the following pools:

Pool Names:

Monument; Blinebry
Monument; Tubb
Drinkard NW

63780

46990

47090

19190

96768

Perforations:

Blinebry 5754'-5800'

Tubb 6310'-6599'

Drinkard 6810'-6848'

The allocation method will be as follows based on offset production. (See attached application for exception to Rule 303-C.)

	OIL	GAS	WATER
Blinebry	40%	33%	46%
Tubb	20%	31%	26%
Drinkard	40%	36%	28%

Downhole commingling will not reduce the value of these pools. Ownership is the same for each of these pools.

Spud Date: 06/30/1997

Rig Release Date: 07/29/1997

DHC-HOB-500

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 Reg Tech

DATE 08/31/2012

Type or print name Reesa Holland

E-mail address: Reesa.Holland@apachecorp.com

PHONE: 432/818-1062

For State Use Only

APPROVED BY:

[Signature]

TITLE

Petroleum Engineer

DATE

SEP 17 2012

Conditions of Approval (if any):

SEP 20 2012

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-34017		² Pool Code 19190 96768		³ Pool Name SKAGGS NW	
⁴ Property Code 309138	⁵ Property Name J H Williams				⁶ Well Number 001
⁷ OGRID No. 873	⁸ Operator Name Apache Corporation: 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705				⁹ Elevation 3564' GL

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
O	34	19S	37E		660	South	1980	East	Lea

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 40									
¹³ Joint or Infill 									
¹⁴ Consolidation Code 									
¹⁵ Order No. DHC-HOB-500									

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

16					¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <i>Reesa Holland</i> Signature Reesa Holland Printed Name 09/19/2012 Date
					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

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-34017		2 Pool Code 47090		3 Pool Name Monument; Tubb	
4 Property Code 309138		5 Property Name J H Williams			6 Well Number 001
7 OGRID No. 873		8 Operator Name Apache Corporation: 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705			9 Elevation 3564' GL

10 Surface Location

UL or lot no. O	Section 34	Township 19S	Range 37E	Lot Idn 660	Feet from the South	North/South line South	Feet from the 1980	East/West line East	County Lea
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 80	13 Joint or Infill	14 Consolidation Code		15 Order No. DHC-HOB-500					

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 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. <u>Reesa Holland</u> 09/19/2012 Signature Date Reesa Holland Printed Name
					18 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 of Survey Signature and Seal of Professional Surveyor: Certificate Number

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-34017		Pool Code 46990 63780	Well Name Weir Monument, Blinebry
Property Code 309138	Property Name J H Williams		Well Number 001
OGRID No. 873	Operator Name Apache Corporation: 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705		Elevation 3564' GL

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
O	34	19S	37E		660	South	1980	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. DHC- HOB-500					

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 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: <u>Reesa Holland</u> Date: <u>09/19/2012</u> Printed Name: <u>Reesa Holland</u> 18 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 of Survey: _____ Signature and Seal of Professional Surveyor: _____ Certificate Number: _____



August 31, 2012

Mr. Paul Kautz
New Mexico Oil Conservation Division
1625 N French Drive
Hobbs, New Mexico 88240

RE: Application for Exception to Rule 303-C – Downhole Commingling *Per R-11363*
J.H. Williams #1 API 30-025-34017
Unit O, Section 34, T19S, R37E
Monument; Blinbry (46990), Monument; Tubb (47090) & Drinkard (19190)
Lea County, New Mexico

Dear Mr. Kautz,

Enclosed please find form C-103 and attachments for downhole commingling the captioned well. The ownerships (WI, NRI and ORRI) of these pools are identical in this wellbore. The fluids from each of these pools are compatible as seen in other similar commingles in the area. Combining these fluids will not result in any damage to these pools. Commingling will improve the efficiency of present and future recovery operations. Cross flow will not be a problem due to having a production lift system capable of keeping the well pumped off thereby maximizing production. This commingling will not reduce the value of the total remaining production.

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

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

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

If you need additional information or have any questions, please give me a call at (432) 818-1062.

Sincerely,

A handwritten signature in black ink that reads "Reesa Holland". The script is cursive and fluid, with the first name "Reesa" and last name "Holland" clearly distinguishable.

**Reesa Holland
Sr. Staff Regulatory Technician**

Lease Name	Well Number	10DIGITAPI	Location	Cum Oil (BBL)			Cum Gas (MCF)			Cum Water (BBL)		
				Blinbry	Tubb	Drnkard	Blinbry	Tubb	Drnkard	Blinbry	Tubb	Drnkard
T ANDERSON	3	3002505858	2K 20S 37E	540			311					
J W COOPER G	3	3002505871	3E 20S 37E NW SW NW		2392			4903			43850	
STATE A-2A	2	3002509889	2P 20S 37E			2248			4273			90
J W COOPER	1	3002520452	3F 20S 37E		216133			3299706			17676	
ELLEN WEIR	1	3002520589	3L 20S 37E		1509							
BRITT B	23	3002520648	3K 20S 37E		22550			97008			3438	
LEA 373 A	1	3002521714	34I 19S 37E		6002			4510			4	
STATE A-2A	5	3002530004	2P 20S 37E SE SE		69446	100738		422998	414385		116837	45852
COOPER	1	3002530527	3 20S 37E C NW NE		2591			1745439			1344	
STATE A-2A	6	3002530946	2O 20S 37E SW SE		559	24067		39	124311		5306	186052
STATE A-2A	7	3002531297	2I 20S 37E NE SE			58987			340310			80582
J H WILLIAMS A	4	3002533471	34N 19S 37E		61762			392933			16562	
STATE H	1	3002533667	3H 20S 37E			84383			257338			4893
STATE A	1	3002533970	3 20S 37E					1671650			800	
STATE H	2	3002533971	3 20S 37E			141451			2177533			9924
J H WILLIAMS	1	3002534017	34O 19S 37E		54041			970179			30357	
J H WILLIAMS	2	3002534163	34P 19S 37E		17526	68370		533155	342175		3198	13729
H T ORCUTT NCT E	2	3002534182	2 20S 37E NW NW		68243			1155160			6330	
J COOPER	1	3002534206	3 20S 37E NW NE			146552			1690355			3500
STATE A 3	3	3002534207	3I 20S 37E NE SE	95	30011		750	771648		3980	71580	
H T ORCUTT NCT E	3	3002534209	2E 20S 37E NW SW NW	106537	5961		255623	102650		102382	1888	
J W COOPER	5	3002534292	3 20S 37E NE NW NE	222038			452478			12634		
J COOPER	2	3002534295	3G 20S 37E SW NE			96071						2347
STATE A 3	4	3002534308	3J 20S 37E NW SE		32427			578565			13262	
JAYHAWK	1	3002534329	35M 19S 37E SW SW	22934	129802		44817	1123139		85132	46200	
LAUGHLIN	1	3002534975	4N 20S 37E SW SE SW		33152	22587		116921	81268		11512	7576
LAUGHLIN	2	3002535182	4L 20S 37E W2 NW SW		56814			409977			27544	
LAUGHLIN	3	3002535348	4O 20S 37E SE SW SE		49880			136233			34378	
LAUGHLIN	4	3002535477	4J 20S 37E SW NW SE		111778			306707			37854	
SHELLEY 35 STATE	1	3002535528	35D 19S 37E S2 NW NW			75308			863212			11722
SHELLEY 35 STATE	2	3002535548	35F 19S 37E S2 SE NW			107690			146625			230063
LAUGHLIN	5	3002535584	4H 20S 37E SE SE NE		18782			93539			112262	
LAUGHLIN	6	3002535676	4F 20S 37E SW SE NW		28079			77504			30756	
WILLIAMS 34	3	3002535711	34O 19S 37E SW SW SE			10227			69981			34690
SHELLEY 35 STATE	4	3002535838	35G 19S 37E SW SW NE		1585			88754			9133	
JAWHAWK 35 STATE	2	3002535839	35E 19S 37E N2 SW NW			26760			766417			37425
WILLIAMS 34	5	3002535850	34K 19S 37E SE NE SW		28913			192122			23473	
LAUGHLIN	8	3002535870	4M 20S 37E SE SW SW		31982			147227			23114	
LAUGHLIN	7	3002535891	4K 20S 37E SW NE SW		34059			135120			36042	
WILLIAMS 34	6	3002535911	34P 19S 37E SE SE	151011			114566			298621		
SHELLEY 34 STATE	1	3002535923	34A 19S 37E SE NE NE		11451			385174			28356	
COOPER 4	3	3002535934	4E 20S 37E SW SW NW		2297			2101			1558	
LAUGHLIN	9	3002535958	4I 20S 37E SE NE SE		23820			55907			70066	
SHELLEY 35 STATE	5	3002536002	35H 19S 37E SW NE NE			8974			206306			32139
SHELLEY 27 STATE	1	3002536022	27P 19S 37E SE SE SE		14238			71746			13842	
SHELLEY 35 STATE	3	3002536078	35J 19S 37E NW NW SE		13877			234630			10875	
SHELLEY 34 STATE	2	3002536088	34H 19S 37E NE SE NE		10571			305851			83884	
LAUGHLIN	10	3002536161	4P 20S 37E NW SE SE		26219			79794			75940	
SHELLEY 35 STATE	8	3002536504	35C 19S 37E SW NE NW			7289			53329			56326
H T ORCUTT NCT E	4	3002536753	2 20S 37E NW NW NW	36925			42031			128159		
STATE AR	3	3002537155	2L 20S 37E E2 NW SW	7255	4181	8461	11632	70842	17301	566323	39741	85154
JAWHAWK 35 STATE	3	3002537936	35L 19S 37E NW NW SW	1998	11777		4952	45469		3534	31353	
H T ORCUTT NCT E	5	3002538374	2F 20S 37E C SE NW		2457	14560		89719	214930		31483	57224
STATE A 3	8	3002539220	3P 20S 37E E2 SE SE	1246	2705		3863	8943		77534	180769	
BAKER A	5	3002510467	26E 22S 37E			47093			376325			28388
BAKER C	1	3002510469	26A 22S 37E	62524			1717733			27678		
EDITH BUTLER	1	3002512119	18M 22S 38E	97848		111368	1158928		802774	27061		31368
EDITH BUTLER	2	3002512120	18E 22S 38E	34645	12403	77254	422691	1078292	471418	40884	285	12530
EDITH BUTLER	3	3002512121	18N 22S 38E	34640	16737	98182	244895	2289601	513329	12365	277	11134
EDITH BUTLER	4	3002512122	18K 22S 38E NE SW	34329		93745	284453		1022834	27730		14231
EDITH BUTLER	5	3002512123	18F 22S 38E	60624	35	43161	267212	5	272532	12867	132	12250
EDITH BUTLER A	1	3002512124	18L 22S 38E C NW SW	62748		101880	627891		165013	24294		3425
NCT-1	2	3002512125	18D 22S 38E	126454	50166		897396	888046		54127	25101	
NCT 1	3	3002512126	18O 22S 38E	55134	45930	57201	296520	312119		48183	31963	
NCT 1	4	3002512127	18J 22S 38E	10819	48248	134744	81369	612935	352400	10944	17050	13770
NCT-1	5	3002512128	18C 22S 38E	56214	52010	72951	609105	794182	255022	18133	4293	2840
NCT-1	6	3002512129	18G 22S 38E C SW NE	17344	75982	63616	165566	808396	248823	8606	12320	5765
NCT-1	7	3002512130	18B 22S 38E	34650		87723	238270		393261	18666		8545
NCT-1	8	3002512131	18P 22S 38E C SE SE			21456			151316			489
NCT-1	9	3002512132	18I 22S 38E			40282			233365			14625
GUTMAN	1	3002512133	19N 22S 38E	56475	26393	36110	3407236	3061109		211	908	
GUTMAN	2	3002512134	19C 22S 38E	36339	30965		3682137	4725026			1780	
MAX GUTMAN	4	3002512135	19F 22S 38E	48858			934849			34184		
NCT-1	1	3002512136	19O 22S 38E	73801	31243		7328382	4261074		3646	2678	
NCT-1	6	3002512137	19B 22S 38E	72083		54420	2629979		495909	10720		10612
NCT 1	7	3002512138	19G 22S 38E SW NE	122441	23737	28997	1162189	2702588	249638	14466	124	5726
NCT 1	9	3002512139	19A 22S 38E	58135		50810	903083		109858	7090		6775
NCT 1	12	3002512140	19H 22S 38E	122479	10160	53027	1047229	478093	783547	21576	7894	10857
DRINKARD NCT B	2	3002512157	30J 22S 38E	123502		153383	2744874		2476239	22311		9706
DRINKARD NCT B	1	3002512158	30P 22S 38E	45523		140145	2735064		1038050	7586		9932
VIVIAN	1	3002512159	30C 22S 38E	80571	49850	296139	1692133	3217479	2518378	24372	2392	17318
VIVIAN	2	3002512160	30G 22S 38E	80922	30345	56143	1820786	4033670		55314	322	
VIVIAN	3	3002512161	30E 22S 38E	55098		66847	1943528		852624	16465		2231
VIVIAN	4	3002512162	30H 22S 38E	119655		69300	2838787		79702	49669		3766
VIVIAN	5	3002512163	30D 22S 38E	204820			6994945			18708		
VIVIAN	6	3002512164	30B 22S 38E	85168			1023484			27051		
GULF DRINKARD	1	3002512165	30M 22S 38E	17286	346	29068	3167207	20719	3073298	1164	1161	30972
A M DRINKARD	1	3002512167	30I 22S 38E NE SE	19203	45282	84950	394544	2061070	2601033	2217		474
DRINKARD B	2	3002512168	30L 22S 38E		25997	16891		1603894	2033800			

Lease Name	Well Number	10DIGITAPI	Location	Cum Oil (BBL)			Cum Gas (MCF)			Cum Water (BBL)		
				Blinbry	Tubb	Dnnkard	Blinbry	Tubb	Dnnkard	Blinbry	Tubb	Dnnkard
VIVIAN	7	3002520186	30A 22S 38E	72920			2002213			23878		
NCT 1	10	3002521104	18H 22S 38E			41084			239937			7555
OLLIE I BOYD	1	3002521444	23N 22S 37E			30551			1338703			150
HUGH	8	3002521625	14E 22S 37E SW SW NW	3531		39558	261451		3199831	5609		11374
MAX GUTMAN	1	3002521760	19M 22S 38E	270363			4046371			23475		
MAX GUTMAN	2	3002521909	19L 22S 38E	55168		63871	589632		2703619	37971		19835
E E DRINKARD	2	3002522132	25E 22S 37E	20156			399121			21914		
J L MUNCY	4	3002522217	24H 22S 37E C SE NE	67666	1393	102476	2133437	16131	1158165	18689	2179	17549
LEE	2	3002522253	23P 22S 37E	37123	314	178024	748652	7170	460955	8463	105	352243
O I BOYD	4	3002522383	23O 22S 37E			19138			710822			51989
SIMS	6	3002522389	24M 22S 37E			15561	25569	138645	247585		10593	18354
GUTMAN	1	3002522473	19N 22S 38E SE SW	39807	26777	69277	1521372	3615173	2284945	30253	25	14969
BOYD	2	3002522508	23J 22S 37E			6307			344796			9810
BAKER	2	3002522621	26A 22S 37E			3254			540978			919
SUN DANGLADE	3	3002522709	13O 22S 37E	112804		82717	621709		383879	33790		28845
BAKER	1	3002522884	26B 22S 37E			28996			1737950			6338
KAROLIS	1	3002523205	23L 22S 37E	5664		21553	353779		659161	13027		9284
DRINKARD NCT B	3	3002523470	30O 22S 38E	13950		49873	104865		3243587	4955		79213
DANGLADE	2	3002523609	24A 22S 37E	93707		45056	1963642		5139390	10232		14257
VIVIAN	1	3002523904	30F 22S 38E			163778			5017346			15117
VIVIAN	2	3002523976	30K 22S 38E			53797			4013147			15339
VIVIAN	3	3002523977	30N 22S 38E			46249			2531290			45967
POLARIS PARKS	7	3002524070	14K 22S 37E			7176	1830		2360940			3038
COSSATOT C	1	3002524114	24G 22S 37E			28173			2173321			9686
COSSATOT C	2	3002524115	24I 22S 37E			29553			2177983			10852
PARKS A	8	3002524210	14J 22S 37E NW SE	3790		6874	119664		1413806	193		3936
PARKS	9	3002524211	14N 22S 37E SE SW	36173	62	5645	1212264	1588	1300560	35042	43	807
COSSATOT E	1	3002524245	13M 22S 37E			28365			1494292			1247
COSSATOT D	1	3002524253	13C 22S 37E	63807		21749	758270		1170399	61024		4908
COSSATOT F	1	3002524279	23C 22S 37E			16760			2078192			4173
COSSATOT C	3	3002524292	24J 22S 37E NW SE			19469			2379850			31
COSSATOT C	4	3002524293	24O 22S 37E			34375			2933696			7926
COSSATOT G	1	3002524371	13F 22S 37E	36633		112244	625089		859315	20050		4988
SIMS	7	3002524380	24C 22S 37E		114	30390		90882	429303			5248
COSSATOT H	1	3002524409	13L 22S 37E			16444			1723408			5413
SUN DANGLADE	2	3002524434	13K 22S 37E S2 NE SW	5375	5380	19397	42761	44993	1528692	3590	3623	5373
COSSATOT I	1	3002524435	13D 22S 37E	22271	17961	24344	566294	2711035	1476168	20711	350	267
COSSATOT J	1	3002524436	24B 22S 37E		34063	22355		1682832	2282928		105	6331
COSSATOT F	3	3002524449	23D 22S 37E			16248			2540771			9676
COSSATOT F	4	3002524532	23F 22S 37E			10497			2042238			2265
F J DANGLADE	2	3002524585	13N 22S 37E N2 SE SW	5215	5212	59467	76986	50133	633773	1761	1761	5548
MAX GUTMAN	6	3002524608	19K 22S 38E	30460		26883	505997		413579	1210		3840
KEOHANE	1	3002524620	26I 22S 37E	7079	10	4455	41444	105	3260	19202	21	232
HUGH	9	3002524637	14G 22S 37E	48257		7491	1296959		1019227	55122		990
VIVIAN	8	3002524736	30D 22S 38E NW NW			18187			4530814			8224
MAX GUTMAN	7	3002524841	19D 22S 38E	42190	50343	21764	551165	549970	621403	23591	34628	12967
COSSATOT F	5	3002524913	23E 22S 37E			17761			2036003			8332
ELLA	2	3002524950	25B 22S 37E	17505		12556	428220		155983	13231		3598
N G PENROSE	3	3002524990	13G 22S 37E	44524		69800	458177		319514	31255		15086
HUGH	10	3002525003	14C 22S 37E SE NE NW		37180	14379		3085062	3043414		1081	10561
HUGH	11	3002525069	14B 22S 37E N2 NW NE		499			10696			2204	
EDITH BUTLER B	2	3002525074	13J 22S 37E W2 NW SE	50401		18217	1471990		442334	27400		5741
NCT-1	38	3002525106	19J 22S 38E	50067		21975	427674		200813	38956		8821
ELLIOTT B 13	2	3002525148	13E 22S 37E SW NW		45561	71536		824916	420484		12157	13427
NCT-1	39	3002525186	19I 22S 38E	55976		64419	481751		427572	50042		28393
NCT 1	40	3002525187	19P 22S 38E	30890		29830	13013	345378	708058	50331	36437	7169
VIVIAN	2	3002525213	30G 22S 38E SW NE		34493	46147		4581526	521917		831	28133
VIVIAN	10	3002525257	30B 22S 38E SW NW NE			42300			674100			25686
VIVIAN	11	3002525291	30A 22S 38E		8429	76988		173968	478341		8274	18054
J L MUNCY	5	3002525361	24P 22S 37E	80349			1771140			18495		
NCT 1	1	3002525370	19O 22S 38E		29409	28455		5065832	234757		2115	12571
VIVIAN	12	3002525414	30C 22S 38E NE NW			37725			558046			11666
A M DRINKARD	2	3002525451	30I 22S 38E			95127			1153167			4403
DRINKARD NCT B	4	3002525462	30J 22S 38E		6796			372447			21213	
DRINKARD NCT B	5	3002525519	30O 22S 38E			219			9830			1282
DRINKARD ESTATE	5	3002525544	25G 22S 37E NE SW NE	3235	4823	39265	71059	973595	1467698	1462		5935
DRINKARD NCT B	1	3002525599	30P 22S 38E	57906		40272	3093899		679792	10491		20215
DRINKARD ESTATE	7	3002525777	25H 22S 37E W2 SE NE		1384	87708		44565	2687571		134	5454
HUGH	4	3002525906	14A 22S 37E SE NE NE		22810			4490260			992	
AMANDA SIMS	2	3002526711	25I 22S 37E	13619		8088	1489239		86092	60545		
SIMS	9	3002528142	24F 22S 37E SE NW	31620			406812			10699		
HUGH	15	3002528292	14E 22S 37E		9981			630486			5781	
SIMS	10	3002528310	24E 22S 37E		11223			577569			7550	
PARKS	10	3002528476	14K 22S 37E N2 NE SW	15837			618159			4323		
MAX GUTMAN	8	3002528490	19E 22S 38E W2 SW NW	38284			404988			44613		
DRINKARD NCT B	7	3002528590	30K 22S 38E	13808	11887		332712	1373672		22783	25688	
VIVIAN	13	3002528591	30F 22S 38E	74297	2217		839915	502456		43909	9753	
DRINKARD NCT B	8	3002528594	30N 22S 38E	26875	11407		571152	846876		34728	25688	
PARKS A	12	3002528678	14I 22S 37E NE SE	29655			1425953			13558		
MAX GUTMAN	9	3002528845	19K 22S 38E C NE SW	47675		12038	901004		621677	48585		482
J L MUNCY	6	3002529218	24I 22S 37E SE NE SE	21594	39		334529	974675		12906	39	
J L MUNCY	7	3002529219	24G 22S 37E		7962			135649			4769	
AMANDA	3	3002529975	25O 22S 37E SW SE	32211			977025			17345		
N G PENROSE	4	3002529979	13A 22S 37E NE NE	29566	821	6095	133267	77639	166111	10156	227	482
NCT-1	11	3002530739	18D 22S 38E NW NW			55752			176323			7743
MAX GUTMAN	10	3002531096	19F 22S 38E SW SE NW		5096	62917		27353	740422		3544	13486
MAX GUTMAN	11	3002531745	19C 22S 38E SW NE NW	5053		6465	61967		93890	5014		3383
OLLIE J BOYD	7	3002532757	23C 22S 37E NE NW	28088			542103			27932		
OLLIE J BOYD	8	3002533546	23E 22S 37E NW SW NW	4466			67073			4698		

J H Williams #1
30-025-34017
Apache Corp

Lease Name	Well Number	10DIGITAPL	Location	Cum Oil (BBL)			Cum Gas (MCF)			Cum Water (BBL)		
				Blinebry	Tubb	Drnkard	Blinebry	Tubb	Drnkard	Blinebry	Tubb	Drnkard
J L MUNCY	11	3002533947	24G 22S 37E	32793			535566	149673		19527	298	
PARKS	13	3002534079	14J 22S 37E	32638	6		909648	419		35131	7	
BOYD	8	3002534084	23G 22S 37E	11556			431197			3846		
BOYD	7	3002534088	23B 22S 37E W2 NW NE	51290	1874		670228	23236		17008	558	
SHIRLEY BOYD	1	3002534808	26D 22S 37E NW NW NW	15893	514		296809	11757		9080	259	
KEOHANE	1	3002535050	26J 22S 37E SW NW SE	6724	4257	1715	30085	20814	11545	80855	55197	33273
TOTALS				4,709,415	2,261,089	5,801,974	95,467,174	83,468,116	122,026,263	3,155,349	1,650,208	2,297,597
AVERAGES				50,100	24,847	50,452	1,004,918	907,262	1,089,520	34,297	18,752	20,887

Proposed Allocations	Oil	Gas	Water
Blinebry	40%	33%	46%
Tubb	20%	31%	26%
Drnkard	40%	36%	28%
TOTAL	100%	100%	100%